

**CONSTRUCTION COMPLETION REPORT:  
GROUNDWATER EXTRACTION  
AND TREATMENT SYSTEM**

**FORMER GENERAL CIRCUITS, INC PROPERTY  
95 MT. READ BLVD.  
ROCHESTER, NEW YORK  
NYSDEC SITE NUMBER: 8-28-085**

Prepared For: 95 Mt. Read Boulevard, LLC  
770 Rock Beach Road  
Rochester, New York

Prepared By: Day Environmental, Inc.  
1563 Lyell Avenue  
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Date: March 2010  
Revised: October 2013

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October 30, 2013

Mr. Thomas Maguire  
770 Rock Beach Road  
Rochester, New York 14617

Dear Mr. Maguire:

**Subject: General Circuits Brownfield Cleanup Program Site #C828085  
Construction Completion Report:  
Groundwater Extraction and Treatment System; October 2013  
95 Mount Read Boulevard, Rochester, New York**

The New York State Department of Environmental Conservation (NYSDEC) has completed its review of the document entitled *Construction Completion Report: Groundwater Extraction and Treatment System* (the Report) dated October 2013 and prepared by Day Environmental Inc. In accordance with 6 NYCRR Part 375-1.6, NYSDEC has determined that the Report substantially addresses the requirements of the Brownfield Cleanup Agreement. The Report is hereby approved.

By **November 30, 2013**, please attach this letter to the Report and distribute as follows:

- Frank Sowers (NYSDEC, Avon) - 1 hard copy;
- John Frazer (Monroe County Health Department) - 1 electronic copy on CD; and
- Arnett Branch Library – 1 hard copy and remove previous versions of the Report.

Thank you for your continued cooperation in this matter and please contact me at (585) 226-5357 if you have any questions.

Sincerely,



Frank Sowers, P.E.  
Environmental Engineer 2

ec:

B. Kline                      J. Frazer  
B. Putzig                     B. Callaghan  
P. Sylvestri

CERTIFICATIONS

I, Barton F. Kline, am currently a registered professional engineer licensed by the State of New York, I had primary direct responsibility for implementation of the remedial and construction activities, and I certify that the Groundwater Extraction and Treatment Remedial Design Plan prepared by Day Environmental, Inc dated December 3, 2007 and the associated Groundwater Extraction and Treatment Remedial Design Plan Addendum prepared by Day Environmental, Inc. dated August 2012 (collectively, referred to as the Remedial Design Plan) were implemented, and that the construction activities were completed in substantial conformance with the NYSDEC-approved Remedial Design Plan and related NYSDEC-approved Design Plan modifications.

I certify that all information and statements in this certification form 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, Barton F. Kline, of Day Environmental, Inc., 1563 Lyell Avenue, Rochester, New York, am providing this certification as the Owner's Designated Site Representative.

077874  
NYS Professional Engineer #

October 24, 2013  
Date

B. F. Kline  
Signature



# CONSTRUCTION COMPLETION REPORT

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## LIST OF ACRONYMS

BCA	Brownfield Cleanup Agreement
BCP	Brownfield Cleanup Program
BGS	Below Ground Surface
CAMP	Community Air Monitoring
CCR	Construction Completion Report
CFM	Cubic Feet per Minute
COCs	Contaminants of Concern
DAY	Day Environmental Inc.
DCE	Dichloroethene
ECs	Engineering Controls
ft	Feet
FS	Feasibility Study
GAC	Granular Activated Carbon
GPM	Gallons Per Minute
HASP	Health and Safety Plan
HSAs	Hollow Stem Augers
ICs	Institutional Controls
IRM	Interim Remedial Measure
ID	Inside Diameter
MCDOH	Monroe County Department of Health
NYSDOH	New York State Department of Health
NAPL	Non-Aqueous Phase Liquid
NYSDEC	New York State Department of Environmental Conservation
NYSDOT	New York State Department of Transportation
OSHA	Occupational Safety and Health Administration
PCE	perchloroethene/tetrachloroethene
PID	Photoionization Detector
POTW	Publicly Owned Treatment Works
PPB	Parts Per Billion
PPM	Parts Per Million
PQL	Practical Quantitation Limit
PSI	Pounds Per Square Inch
QAPP	Quality Assurance Project Plan
QA/QC	Quality Assurance/Quality Control
ROD	Record of Decision
SMP	Site Management Plan
SSD	Sub-Slab Depressurization
S.U.	Standard Units
TCE	Trichloroethene
TOGS	Technical and Operational Guidance Series
UFPO	Underground Facilities Protection Organization
VC	Vinyl Chloride
VOCs	Volatile Organic Compounds
mg/L	Milligrams Per Liter
ug/m <sup>3</sup>	Micrograms Per Cubic Meter

## **1.0 INTRODUCTION**

This Construction Completion Report (CCR) has been developed by Day Environmental, Inc (DAY) on behalf of 95 Mount Read Blvd., LLC (Owner) as part of the Brownfield Cleanup Program (BCP) being administered by New York State Department of Environmental Conservation (NYSDEC) at the former General Circuits BCP Site located at 95 Mount Read Boulevard in Rochester, New York (Site). The Owner entered into a Brownfield Cleanup Agreement (BCA) with the NYSDEC in June 2005 to remediate the Site.

The activities described in this CCR were completed in substantial conformance with the DAY document titled “Groundwater Extraction and Treatment Remedial Design Plan, Former General Circuits Facility, 95 Mt. Read Blvd., Rochester, New York, NYSDEC Site Number 8-28-085” dated December 3, 2007, and the associated “Groundwater Extraction and Treatment Remedial Design Plan Addendum” prepared by Day Environmental, Inc. dated August 2012 (hereinafter collectively referred to as the Work Plan).

### **1.1 SITE LOCATION AND SIZE**

The Site is addressed as 95 Mount Read Boulevard, Rochester, New York located in the County of Monroe at the corner of Buffalo Road and Mt. Read Boulevard, refer to Project Locus Map included as Figure 1. The Site is approximately 3.5-acres in size, and is improved by a 108,000-square-foot building. The Site is bounded by a driveway to the north with an industrial facility beyond, Buffalo Road to the south, Mount Read Boulevard to the east, and a driveway to the west with an industrial facility beyond.

### **1.2 BACKGROUND**

The original portion of the building was constructed in the 1920s and the Site was owned/operated by Rochester Lithograph Corporation until the early 1960s. General Circuits, Inc. owned/operated the Site from the early 1960s until 1990. General Circuits, Inc. closed the facility in 1991 due to bankruptcy. Shortly thereafter, the property was transferred to Maguire Properties, Inc. who owned the site until 2005, at which time it was transferred to the current owner, 95 Mt. Read Blvd., LLC. The Site is currently used for commercial and light industrial purposes, and it is anticipated that the Site will remain in use for commercial and light industrial purposes for the foreseeable future.

A Feasibility Study (FS) was completed for the Site under an Order-On-Consent with the NYSDEC. The NYSDEC approved the revised FS dated January 2005, and subsequently issued a Record of Decision (ROD) dated March 2005. The remedial work identified in the ROD is being conducted under a BCA between 95 Mt. Read Blvd, LLC. and the NYSDEC.

The groundwater remedial action identified in the ROD is a phased approach in which a groundwater extraction and treatment system will operate until: (i) the groundwater concentrations of chromium decrease to adequate levels for subsequent treatment via in-situ chemical reduction; and (ii) the soil removal component of the remedy has been completed. The Work Plan, approved by the NYSDEC, describes the engineering concepts and specifications used in the design of the Site's groundwater extraction and treatment system.

### **1.3 NATURE AND EXTENT OF CONTAMINANTS OF CONCERN IN GROUNDWATER**

Based upon the findings presented in the FS Report for the Site and monitoring associated with the groundwater extraction system sampling, contaminants of concern (COCs) include chlorinated volatile organic compounds (VOCs) and chromium, including hexavalent chromium (chromium VI). The chlorinated VOCs at the Site generally consist of perchloroethene (PCE) and trichloroethene (TCE), and their breakdown products 1,2-dichloroethene (DCE) and vinyl chloride (VC).

Prior to the recent sampling events associated with the groundwater extraction system, the highest concentration of total VOCs detected in a groundwater sample was from overburden monitoring well MW-9 (greater than 155,000 parts per billion (ppb) total VOCs). VOC results for groundwater samples from overburden monitoring wells MW-8, MW-10 and MW-12, deep bedrock monitoring well MW-17 and the basement were observed to range from 2,140 ppb to 20,340 ppb. VOCs were also detected in monitoring wells located along the perimeter of the Site, but at much lower concentrations (i.e., less than 144 ppb) than the interior monitoring wells and the basement sump system.

During the more recent sampling events completed subsequent to installation of additional monitoring and extraction wells associated with the groundwater extraction system (i.e., background sampling event conducted on June 6, 2008, and post-start up sampling events conducted between August 19, 2008 and May 7, 2013), the highest concentration of total VOCs detected in a groundwater sample was from bedrock interface groundwater extraction well EW-6/MW-30 (131,300 ppb). Overall, VOC results for groundwater samples from interior monitoring wells were observed to range from 37 ppb to 131,300 ppb, while VOCs results for Site perimeter monitoring wells were observed to range from 0 ppb to 68.8 ppb.

With the exception of data collected at monitoring well MW-33, the nature and extent of VOC results obtained from the groundwater extraction system sampling events are consistent with prior Site groundwater VOC results. Total VOC concentrations observed at monitoring well MW-33 were somewhat higher than anticipated for this portion of the delineated dissolved VOC plume, but the MW-33 results do not impact the extents of the overall plume delineation.

Prior to the recent sampling events associated with the groundwater extraction system, chromium was detected at concentrations above the NYSDEC Technical and Operational Guidance Series (TOGS) 1.1.1 groundwater standard of 50 ppb at monitoring wells MW-8, MW-9, MW-12 and MW-21. With the exception of monitoring well MW-21, these monitoring wells are located beneath the slab-on-grade portion of the on-site building. Monitoring well MW-21 is positioned just east of the building, in the parking lot along Mt. Read Blvd.

During the more recent sampling events completed subsequent to installation of additional monitoring and extraction wells associated with the groundwater extraction system, chromium was detected above the 50 ppb NYSDEC TOGS 1.1.1 standard in one or more groundwater monitoring events at monitoring wells MW-8, MW-11, MW-15, MW-18, MW-30, MW-31, MW-32/EW-5, and MW-34; and at extraction wells EW-1, EW-2 and EW-5/MW-32. Monitoring/extraction wells MW-8, MW-11, MW-30, MW-31, MW-34, EW-1 and EW-2 are located beneath the slab-on-grade portion of the on-site building. Extraction well MW-32/EW-5 is an exterior extraction well located between the building and the northern property line, monitoring well MW-18 is an upgradient exterior well located between the building and the western property boundary, and monitoring well MW-15 is an upgradient exterior well located in proximity to the buildings southwest corner.

With the exception of chromium levels observed at monitoring well MW-32/EW-5, the nature and extent of chromium results obtained from the groundwater sampling events associated with the groundwater extraction system are consistent with the analytical laboratory results obtained prior to the groundwater extraction system sampling events. Chromium concentrations observed at monitoring well MW-32/EW-5 suggests that the extent of chromium in groundwater extends further to the north than initially anticipated, and site plan extents were adjusted accordingly (see Figure 2, which portrays the revised chromium target capture zone delineated for the groundwater extraction system, as well as the area of influence achieved by the existing groundwater extraction system).

The vertical extent of COCs in groundwater was delineated by evaluating groundwater quality in monitoring wells sealed within the overburden and monitoring wells sealed within the bedrock. VOCs were not detected in groundwater samples collected approximately 50 feet (ft) below the ground surface (bgs). In addition, with the exception of monitoring well MW-21, chromium was not detected at concentrations that exceed the NYSDEC groundwater standards and guidance values in bedrock groundwater monitoring wells. Monitoring well MW-21 is an “open hole” well starting at 18 ft bgs; therefore, the chromium observed at this location could be representative of shallow bedrock groundwater. Furthermore, the chromium concentration detected in monitoring well MW-21 only slightly exceeded the NYSDEC TOGS 1.1.1 groundwater Standard of 50 ppb.

Based on the contaminant distribution described above and Site specific groundwater flow characteristics, the target capture zone of the groundwater extraction system was delineated, and is presented on Figure 2.

## **2.0 SUMMARY OF SITE REMEDY**

This section describes the selected remedial alternative for the Site and the scope of work required to complete the installation and evaluation of the Site's groundwater extraction and treatment system. The remedial activities designated in the ROD for implementation at the Site include several remedial components, including a multi-phase groundwater component, a source zone soil component, a soil vapor intrusion mitigation component, and the implementation of institutional controls (ICs) and engineering controls (ECs). The factors considered during the selection of the remedy are those listed in 6NYCRR 375-1.8.

### **2.1 SITE REMEDY COMPONENTS**

The initial phase of the groundwater remedial component consists of the installation of groundwater extraction wells and an associated on-site groundwater treatment system. The groundwater capture zone includes the chromium source area and a portion of the VOC source area. In addition, a single extraction well placed at the downgradient perimeter of the plume is intended to prevent COCs from migrating off-site. Under the terms of the ROD, the groundwater extraction and treatment system will operate until: (i) the groundwater concentrations of chromium decrease to adequate levels for subsequent treatment via in-situ chemical reduction; and (ii) the soil removal component of the remedy has been completed. Monitoring and extraction well locations are shown in Figure 2, as well as the minimum area of influence required by the groundwater extraction system, and the in-situ chemical reduction treatment area to be addressed in the second stage of the groundwater remediation.

The soil remedial component designated in the ROD for implementation at the Site consists of removal of chromium source area soils to the extent practicable. Physical constraints, such as accessibility, may limit the size of the excavation area. The extent of the excavation area will be identified in the soil excavation remedial design plan, which is currently under development.

Engineering controls to mitigate potential VOC vapor intrusion at the Site include: (i) an interim remedial measure (IRM) to address indoor air quality within the first floor tenant spaces; and (ii) installation of a vapor mitigation system in the basement, as required under the ROD. The IRM work includes a subslab depressurization system that was installed in January 2005, as well as supplemental controls and ongoing monitoring that is being addressed separately under the IRM. Activities completed under the ROD include installation of a ventilation system for the groundwater extraction and treatment system, including the basement floor trench and sumps.

In addition to the ICs and ECs described above, additional controls to be implemented at the Site include, but are not limited to, the continued operation of the basement sump discharge treatment and ventilation systems following completion of the temporary groundwater extraction and treatment system operations.

Site controls to be implemented at the Site will include an environmental easement with the following restrictions and requirements:

- restricting Site use for commercial and industrial purposes;
- proper maintenance of the Site's protective cover (i.e., asphalt, flooring, etc.);
- vapor intrusion evaluations for new on-site buildings or building additions;
- restriction of groundwater as a source of potable or process water without necessary water quality treatment as determined by the Monroe County Department of Health (MCDOH) and;
- IC/EC certification.

## **2.2 GROUNDWATER EXTRACTION AND TREATMENT SYSTEM INSTALLATION AND EVALUATION SCOPE**

In accordance with the NYSDEC approved Work Plan, groundwater is captured by the extraction well network and basement sump system, and is pumped and treated in the Site's groundwater treatment system. The groundwater treatment system, located in the basement of the 95 Mount Read building, includes a chromium removal system, followed by liquid phase granular activated carbon (GAC) filtration for VOC removal. Treated groundwater is discharged to the local sanitary sewer under permit with Monroe County.

The following activities were completed as an integral part of the groundwater extraction and treatment system installation:

- Advancement of direct-push sampling equipment and collection of associated soil samples for visual observation and field screening.
- Installation of two-inch diameter bedrock interface wells using rotary drilling equipment.
- Installation of pumps, piping and associated controls within the groundwater extraction wells.
- Installation of a groundwater treatment system that includes chemical metering pumps, reaction tanks, air diaphragm transfer pumps, mixing equipment, filtration equipment, piping and controls, etc.
- Installation of covers on the basement sumps, trench drain and groundwater treatment system tanks.
- Installation of an in-line fan and ducting to create a negative pressure within the basement sumps, treatment system tanks and trench drain.



- Decontamination of Site workers and equipment.
- Collection of groundwater samples from select monitoring and extraction wells for field analysis and analytical laboratory testing.
- Collection of static water level data, and extraction well flow data, for determination and analysis of the capture zone created by the groundwater extraction system.
- Collection of water samples at various locations along the treatment train to evaluate performance and service life of select treatment system components.
- Flow monitoring, collection and analytical laboratory testing of samples collected from the groundwater treatment system effluent in accordance with, and to document compliance with, the Site's Monroe County industrial sewer discharge permit.

### **2.3 CONTRACTORS AND CONSULTANTS**

The following remedial contractors and analytical laboratory were used during the construction and evaluation of the groundwater extraction and treatment system.

- Nothnagle Drilling – Contractor responsible for the installation of the bedrock interface wells EW-1 through EW-6/MW-32 and decommissioning of an overburden monitoring well.
- Paradigm Environmental Services, Inc – NYSDOH-certified analytical laboratory responsible for the testing and reporting of the groundwater and treatment system sample results.
- TREC Environmental, Inc. – Remedial contractor responsible for the decommissioning of a deep bedrock monitoring well.
- Quality Inspection Services, Inc. – Contractor responsible for the installation of the bedrock interface well EW-7.

### **3.0 GOVERNING DOCUMENTS**

During implementation of the remedial activities, adherence to the governing documents described below was completed for reasons of Site safety, to provide for the collection of reliable data, and for compliance with the applicable systems design and specifications.

#### **3.1 SITE SPECIFIC HEALTH AND SAFETY PLAN**

A Health and Safety Plan (HASP) was developed by DAY as part of the BCP remedial activities at the Site, and is included as TAB C of the Work Plan. The site-specific HASP was compiled for the remedial construction/monitoring activities that were presented in the Work Plan. However, the HASP is flexible enough to encompass the variable nature of remedial work.

Remedial work performed under this Work Plan was completed in compliance with known applicable governmental requirements, including Site and worker safety requirements mandated by Federal Occupational Safety and Health Administration (OSHA).

#### **3.2 QUALITY ASSURANCE PROJECT PLAN**

The Quality Assurance Project Plan (QAPP) was developed by DAY as part of the BCP remedial activities at the Site, and is included as TAB E of the Work Plan. The QAPP describes the specific policies, objectives, organization, functional activities and quality assurance/quality control (QA/QC) activities designed to achieve the project data quality objectives. Specific QA/QC measures implemented during completion of the work described in this CCR report are outlined below:

- During sampling activities, personnel used disposable latex/nitrile gloves. Between collections of each sample, personnel performing the sampling discarded used latex/nitrile gloves and put on new gloves to aid in the prevention of sample cross-contamination.
- Samples retained for testing were placed in new laboratory-grade sample containers. Samples to be tested for VOCs did not contain headspace. Efforts were made to obtain sufficient volume (i.e., as specified by the analytical laboratory) to ensure that the laboratory had adequate sample volume to perform the specified analysis.
- Samples were handled using standard chain-of-custody control. Chain-of-custody documentation accompanied samples from their inception to their analysis.
- The laboratory analyzed the samples using the lowest practical quantitation limits (PQL) possible.
- Sample holding time and preservation protocols were adhered to during this project.

### 3.3 COMMUNITY AIR MONITORING PLAN

The Community Air Monitoring Plan (CAMP) was developed by DAY as part of the BCP remedial activities at the Site, and is included as TAB D of the Work Plan. The CAMP outlined procedures to: 1) monitor the concentration of dust and VOCs at the boundary of the Site during significant ground intrusive activities occurring as a part of the groundwater extraction and treatment system installation; and 2) to document compliance with NYSDEC requirements for dust suppression and monitoring.

#### Particulate Monitoring

A portable, hand-held aerosol monitor was used to measure the concentrations of respirable particulate matter in ambient air at the boundary of the Site. The piece of equipment used was capable of measuring particulates (i.e., dust, mists, and aerosols) ranging in diameter from less than 0.1 microns to 10 microns. The fugitive dust actions levels used during remedial construction were presented in the Work Plan. A summary of the fugitive dust monitoring results and associated actions is presented below:

- Downwind particulate levels were not observed to exceed 100 micrograms per cubic meter ( $\mu\text{g}/\text{m}^3$ ) greater than background (upwind perimeter) for any 15-minute time weighted average, and airborne dust was not observed leaving the work area. As such, dust suppression techniques were not required during groundwater extraction and treatment system installation.

#### VOC Monitoring

Periodic monitoring for VOCs was conducted during remedial construction activities presented in the Work Plan. VOCs were monitored using a photoionization detector (PID), a portable, hand-held device capable of providing instantaneous measurements of cumulative VOC concentrations. The VOC action levels used during remedial construction are presented in the Work Plan. A summary of the VOC monitoring and associated actions is presented below:

- The ambient air concentration of total VOCs at the downwind perimeter of the work area or the exclusion zone was observed to occasionally exceed 5 parts per million (ppm) above background for select 15-minute time weighted averages. In these cases, work activities were temporarily halted and monitoring continued. Subsequent to work stoppage, the total VOC level typically decreased (per instantaneous readings) below 5 parts per million (ppm) over background, and work activities were then resumed with continued monitoring.

- During monitoring events in which total VOC vapor levels at the exclusion zone persisted at levels greater than 5 ppm above background but less than 25 ppm, work activities were halted, the source of vapors identified, and corrective actions implemented to abate the emissions. Subsequent to these actions, work activities resumed with continued monitoring to demonstrate that the total VOC level 200 feet downwind of the exclusion zone or half the distance to the nearest potential receptor or residential/commercial structure, whichever was less (but in no case less than 20 ft), remained below 5 ppm above background level for the 15-minute time weighted average. [Note: It appeared the exceedances of this action level were a result of the equipment being used in the building rather than off-gassing from contaminated subsurface media.]
- The VOC vapor level was not observed to exceed 25 ppm at the perimeter of the work area at any time during the construction activities. As such, it was not necessary to implement any emergency shutdown and response procedures to address a 25-ppm action level exceedance.

## **4.0 GROUNDWATER EXTRACTION AND TREATMENT SYSTEM INSTALLATION**

This section describes the various activities that were performed to construct, test and evaluate the groundwater extraction and treatment system that was installed in accordance with the Work Plan design and specifications.

### **4.1 SITE PREPARATION**

Prior to the installation of the extraction and groundwater monitoring wells, Site visits were conducted to determine the location of utilities and other known obstructions located beneath the floor of the building. In addition, an underground facilities protection organization (UFPO) stakeout (Ticket # 03188-146-023) was completed to identify obstructions for the subsurface work conducted outside the building.

### **4.2 ADVANCEMENT OF GROUNDWATER INTERFACE TEST BORINGS**

Nothnagle Drilling and Quality Inspection Services, Inc. (QISI) were retained to provide test-boring services and to install Site monitoring wells in accordance with the Work Plan. Over the period of March 26, 2008 through March 30, 2008, Nothnagle Drilling completed test borings and installed two exterior bedrock interface groundwater extraction wells, two interior bedrock interface groundwater extraction wells, and two interior bedrock interface monitoring wells. The two exterior extraction wells (EW-4 and MW-32/EW-5) were installed utilizing a truck-mounted drill rig to advance 4-1/4-inch hollow stem augers (HSAs) at the two locations. The interior extraction and groundwater monitoring wells (EW-2, EW-3, MW-33 and MW-34) were installed by utilizing a skid-mounted rotary drill rig to advance 4-1/4-inch HSAs at the four locations. Between November 13, 2012 and November 14, 2012, QISI completed one test boring and installed one interior bedrock interface groundwater extraction well (EW-7) using a track mounted drill rig to advance 4-1/4 HSAs. Refer to the Well Location Plan included as Figure 2 for locations of the monitoring and extraction wells.

Initially the test borings were advanced at each groundwater monitoring and extraction well location via direct push methodologies. Each of the test borings were sampled to direct push refusal (i.e., suspected top of bedrock) and continuous soil samples were collected throughout the boring. The recovered soil samples were scanned with a PID equipped with a 10.6 eV lamp in order to determine the relative concentration of cumulative VOCs present in the samples. The depth, sample interval, percent recovery, PID measurements and a description of the materials encountered at each of the seven test borings are summarized on the test boring logs in Appendix A.

Following overburden test boring advancement, HSAs were advanced to refusal (i.e., suspected top of bedrock). Following HSA refusal, groundwater monitoring

wells MW-33 and MW-34 and groundwater extraction wells EW-2, EW-3, MW-32/EW-5 and EW-7 borings were advanced an additional approximate 5 ft into bedrock using H-coring equipment to achieve a final depth ranging approximately 17.5 ft to 20.0 ft bgs. Following HSA refusal, extraction well EW-4 boring was advanced an additional approximate 25 ft bgs to achieve a final depth of 39 ft bgs.

Direct push sampling equipment used during the test boring advancement was steam cleaned within a temporary decontamination pad upon arrival, between test borings, and prior to exiting the Site. The augers, drilling equipment, and sampling tools were decontaminated by steam cleaning after each test boring to preclude cross contamination between successive testing borings. Decontamination fluids were collected and staged in New York State Department of Transportation (NYSDOT) approved 55-gallon drums. The drums were labeled and staged on-site for subsequent treatment through the groundwater treatment system in accordance with the Site sewer use permit requirements.

The auger cuttings and decontamination pad waste generated during test boring advancement and well installation were staged in NYSDOT approved 55-gallon drums. The contents of the drums were sampled and tested by an analytical laboratory to characterize the contents, which were determined to be hazardous. These wastes were subsequently transported to the Michigan Disposal Waste Treatment Plant located at 49350 North I-94 Service Drive, Belleville, Michigan under UHWM 003683714 JJK (2009) and EQ Detroit, Inc. located at 1923 Frederick Street, Detroit, Michigan under UHWM 003683714 JJK (2013). A copy of the analytical laboratory waste characterization data and the signed Manifests 003683714 JJK and 009662780 JJK are included in Appendix B.

### **4.3 MONITORING AND EXTRACTION WELL CONSTRUCTION**

Following advancement of the HSAs, bedrock interface test borings EW-2, EW-3, MW-32/EW-5, EW-7 MW-33 and MW-34 were converted to extraction/monitoring wells consisting of a precleaned ten-foot long, 2-inch inside diameter (I.D.), threaded, flush jointed, No. 20 slot schedule 40 PVC screen with attached riser casings of the same construction material. Bedrock interface testing boring EW-4 was converted to an extraction well consisting of a precleaned 30-foot long, 2-inch diameter I.D. threaded, flush jointed No. 20 slot schedule 40 PVC screen with attached riser casings of the same construction material. The well screens were installed to intercept the water bearing zone at the interface of the overburden and the top of rock. The well screens were surrounded by a sand pack that extended at least 2-ft above the top of the screen. A minimum 2-ft thick bentonite seal followed the sand pack with cement/grout above the bentonite seal that extended to approximately 1-ft below grade. Each groundwater extraction and monitoring well was completed with flush mounted curb boxes sealed in-place with concrete. [Note: Extraction wells EW-1 and EW-6, were previously installed, constructed and completed using the same method and materials described above.]

Following well construction, extraction wells (EW-1, EW-2, EW-3, EW-4 MW-32/EW-5, MW-30/EW-6 and EW-7) were fitted with controllerless, air-operated bottom loading pumps set approximately 1-ft from the bottom of the extraction well. The submersible pumps installed in extraction wells EW-1, EW-2, EW-3, EW-5, and EW-6 are approximately 33 inches long, 1.75 inches in diameter, and have a manufacturer's rated capacity of up to 2 gallons per minute (GPM). The submersible pump installed in extraction wells EW-7 is approximately 30 inches long, 1.66 inches in diameter, and has a manufacturer's rated capacity of up to 2 gallons per minute (GPM). The submersible pump installed in extraction well EW-4 is approximately 55 inches long, 1.75 inches in diameter, and has a manufacturer's rated capacity of up to 2.3 GPM. The extraction well pumps are positive displacement pumps that do not require calibration, and are powered by an air compressor located in the basement of the 95 Mt. Read building. The extraction pump discharge flowrate may be manipulated by raising or lowering the pump within the extraction well.

A 0.5-inch diameter air supply hose and 1.5-inch diameter groundwater discharge hose installed above the 95 Mt. Read building ceiling serve as a header system for the individual extraction wells. From this header system, a 0.25-inch diameter air supply hose, a 0.375-inch vent hose, and a 0.5-inch diameter water discharge hose drop down to the floor surface along the wall closest to each of the extraction well locations. Each extraction well air supply hose is fit with an in-line pneumatic cycle counter to monitor extraction well pump output. The cycle counter utilizes a piston like action using an internal magnet slide assembly that moves in the direction of air flow during the "on" cycle of the well pump. This magnet slide returns to the seated position during the "off" cycle of the well pump. The mechanical dial counter senses the movement of the slide assembly and records the cycle, increasing the number by one digit. The process repeats with each cycle of the pump.

The interior wells within high traffic areas were fit with a stainless steel sleeve that protects the hoses from the floor surface to a point approximately five feet above the floor surface, and within a trench that extends from the wall to the well location. Refer to Figure 3 for extraction well construction details. For exterior wells the piping, hoses and vents were installed within trenches running from the well location to the inside of the 95 Mt. Read building, at which point the piping, hoses, and vents are routed up a wall and into the ceiling. The exterior extraction well discharge piping is heat traced to prevent freezing during winter months.

Construction details for extraction wells EW-2 through EW-7 and monitoring wells MW-33 and MW-34 are presented in the test boring and well logs included in Appendix A of this report. [Note: The previously-installed EW-1 test boring log and well construction detail was previously provided in the document titled Extraction Well Installation and Pilot Study Report, dated June 2006, prepared by DAY.]

#### **4.4 MONITORING AND EXTRACTION WELL DEVELOPMENT**

Between April 22, 2008 and May 14, 2008, eleven monitoring wells (MW-1, MW-4, MW-11, MW-13, MW-14, MW-15, MW-21, MW-30, MW-31, MW-33 and MW-34) and five extraction wells (EW-1, EW-2, EW-3, EW-4 and EW-5) were developed in accordance with the Work Plan. Monitoring well MW-18 was developed on May 14, 2009. Between November 19, 2012 and November 21, 2012, extraction wells EW-6 and EW-7 were developed. Monitoring well development utilized a vacuum pump and dedicated tubing, and no fluids were added to the monitoring/extraction wells during development. Well development equipment was decontaminated prior to development of each well. In general, the well development continued until: (i) the wells were purged to dryness; or (ii) a minimum of three well volumes were removed, and stabilized in-situ readings of pH, specific conductivity and turbidity were observed. The well development logs for select wells are included in Appendix C. [Note: Due to a record keeping error, some of the development logs have been misplaced and are not available for inclusion in this CCR.]

Groundwater removed from the wells during development was visually checked for the presence of non-aqueous phase liquid (NAPL); however, NAPL was not observed to be present in development water collected from any of the aforementioned monitoring/extraction wells. The water removed from each monitoring/extraction well during development was placed in NYSDOT-approved 55-gallon drums, labeled, and staged on-site for processing through the groundwater treatment system.

#### **4.5 GROUNDWATER SAMPLING PROCEDURE**

Groundwater samples were collected from select monitoring wells on June 6, 2008, August 11, 2008, August 19, 2008, September 5, 2008 and August 6, 2009. Prior to the sampling events, each sample location was purged using a vacuum purge system to remove groundwater and sediment from the wells. Following purging, the wells were allowed to recharge to a minimum of 90% of its initial static water level and sampled within 24 hours of purging. The samples were collected using a new three-foot long disposable bailer and placed in sample containers provided by the analytical laboratory. During sampling events, a Heron Oil/Water Interface Meter, Model H.OIL was used to evaluate the groundwater within the monitoring and extraction wells for the presence of NAPL. NAPL was not detected in the monitoring and extraction wells during the sampling events conducted at the Site.

Samples collected from extraction wells were obtained using the dedicated well pumps and tubing installed at each of these locations. A sampling valve is located on the water discharge hose from each well pump, and samples were collected from this sample valve location after allowing the valve to openly discharge for several pump cycles to flush out the sample valve. The well sampling logs for



select wells and sampling events are included in Appendix D. [Note: Due to a record keeping error, some of the well sampling logs for activities completed in 2008 have been misplaced and are not available for inclusion in this CCR.]

#### **4.6 DECOMMISSIONING OF MONITORING WELLS**

Groundwater monitoring wells MW-5 and MW-22 were decommissioned by backfilling with grout in lifts beginning at the bottom of the well to the ground/floor surface. Groundwater monitoring well MW-5, approximately 20 ft deep, was decommissioned due it having been irreparably damaged. Deep bedrock groundwater monitoring well MW-22, approximately 80 ft deep with a cased interval from the ground surface to approximately 50 ft bgs, could not be used as a monitoring/extraction well for the bedrock interface zone, and was decommissioned to prevent potential cross-contamination between the overburden/weathered bedrock and deep bedrock water bearing zones.

#### **4.7 MONITORING WELL FIELD**

The installation of monitoring wells MW-33 and MW-34 and decommissioning of monitoring wells MW-5 and MW-22 resulted in a groundwater monitoring well field being comprised of 12 overburden/groundwater interface monitoring wells (MW-1, MW-4, MW-8, MW-11, MW-13, MW-14, MW-15, MW-18, MW-21, MW-31, MW-33, MW-34), one deep bedrock groundwater monitoring well (MW-21), and seven groundwater extraction wells (EW-1 through EW-7), which are referred to herein as the monitoring wells and the extraction wells, respectively. Refer to Figure 2 for locations of the monitoring and extraction wells. Subsequent to installation of monitoring wells MW-33 and MW-34 and extraction wells EW-1 through EW-6, an elevation survey was performed using a laser level to determine the relative elevations of the top of well casings. The elevations were determined using the assumed datum previously used to establish relative elevations of the existing monitoring wells at the Site. Monitoring and extraction well locations were determined by measurements from existing known Site features.

#### **4.8 BASEMENT SUMP SYSTEM MODIFICATIONS**

Groundwater extracted from the basement sump system is treated on-site in conjunction with the groundwater collected from extraction wells EW-1 through EW-7. To this end, the basement sump's piping was rerouted to discharge into the initial tank of the groundwater treatment system. A predominantly airtight, non-permeable cover was placed over each sump pit and the trench drain located in the basement to aid in the prevention of sub-slab vapors impacting the indoor air quality. In addition, active ventilation of the sumps, trench drain and groundwater treatment system tanks is accomplished using an inline fan rated at 150 cubic feet per minute (CFM). The airflow from this vent system is discharged to the atmosphere above the roof of the building.

The evaluation of the soil vapor mitigation systems effectiveness, including engineering controls within the basement, is on-going and will continue to be addressed as an IRM. The soil vapor mitigation system installed at the Site will be documented in a separate CCR once sufficient analytical laboratory data has been obtained to demonstrate that the system is effective in reducing sub-slab vapor constituents within the indoor air to concentrations below NYSDOH standards/guidance values.

#### **4.9 GROUNDWATER TREATMENT SYSTEM**

The groundwater treatment system includes a chromium removal system followed by a VOC removal system. The remedial system layout and process and instrumentation schematic is presented in Figure 3 and Figure 4, respectively.

Groundwater pumped from the extraction wells is conveyed to the on-site treatment system located in the basement of the 95 Mount Read building. The first component of the treatment system is an elevated 150-gallon polyethylene chromium reduction reactor tank fitted with a cover, steel mixer, and pH probe. In addition, two chemical feed pumps supply the chromium reduction reactor tank with sodium bisulfite and sulfuric acid on an as-needed basis to reduce influent soluble hexavalent chromium to the insoluble cationic trivalent state for subsequent removal. A pH controller regulates the chemical feed rate to the chromium reduction reactor tank to maintain an optimal pH for chromium reduction (i.e., between 2.0 and 3.0 standard units).

The chromium reduction reactor effluent is discharged via gravity to Lift Station #1. Lift Station #1 is a 150-gallon polyethylene tank containing three float switches. The lower two float switches are used to control Transfer Pump P-1, while the high-level float switch is interlocked with the groundwater feed system (extraction pumps and basement sump system) to prevent an overflow of the Lift Station #1. During a high level condition, the sump water is diverted through the contingency on-site treatment system, and the extraction well pumps are deactivated. [Note: the contingency system is comprised of cartridge filtration followed by granular activated carbon filtration.]

Water is transferred from Lift Station #1 by an air diaphragm pump (Transfer Pump P-1) set at approximately 30 pounds per square inch (psi) air supply pressure to transfer the water through a static mixer and two parallel treatment trains of organic MetalMaster media (i.e., a total of four filters). Inline pH adjustment is performed as needed using sodium hydroxide fed from a dedicated metering pump and injected immediately prior to an inline static mixer. The feed rate of the sodium hydroxide, which is pumped only when Transfer Pump P-1 is operating, is adjusted in real time by proportional control from an inline pH controller with pH probe located immediately downstream of the static mixer. The target pH following the inline static mixer is 7 standard units (S.U.). The MetalMaster filters remove both soluble and insoluble chromium, following which effluent from the MetalMaster filters openly discharges into a second lift station tank, Lift Station #2.

Lift Station #2 isolates the cartridge and granular activated carbon (GAC) filters from the chromium removal stage. Lift Station #2 is a 100-gallon polyethylene tank containing three float switches. The lower two float switches are used to control Transfer Pump P-2, while the high-level float switch is interlocked with Transfer Pump P-1 to prevent an overflow of Lift Station #2 (during a Lift Station #2 high-level condition, Transfer Pump P-1 is deactivated). Water is transferred from Lift Station #2 by an air diaphragm pump (Transfer Pump P-2) set at approximately 30 psi air supply pressure to transfer the water through a system of cartridge and carbon filters to remove fine particulates and VOC's. A needle valve and pressure regulator on the air supply line allows fine tuning of the Transfer Pump P-2 flow rate to closely match the flow rate of P-1 and maximize the hydraulic residence times and removal efficiencies through the various treatment stages. The first cartridge filter, CF1, is a coarse prefilter with a nominal size of 50-microns, and the second cartridge filter, CF2, is a fine filter with a nominal size of 5-microns. The effluent from the five-micron cartridge filter is passed through two parallel treatment trains of carbon filters (i.e., a total of four filters) for the removal of VOCs.

A single Ingersoll-Rand 60-gallon, 14.7 CFM air compressor powers the groundwater treatment system transfer pumps, as well as the groundwater extraction well pumps.

## **5.0 GROUNDWATER EXTRACTION AND TREATMENT SYSTEM ANALYSIS**

This section presents the field measurements and analytical laboratory testing results for the monitoring wells, the extraction wells and the groundwater treatment system that were recorded prior to and subsequent to installation and operation of the groundwater extraction and treatment system.

### **5.1 BACKGROUND MONITORING**

Prior to groundwater extraction system startup, background measurements were made to establish baseline conditions. With the exception of MW-18 and EW-7, background static water level measurements for the monitoring wells and the extraction wells were collected on June 3, 2008, July 18, 2009 and July 21, 2009. [Note: Monitoring well MW-18 was covered by asphalt prior to the background monitoring events and was not located until May 2009. Extraction well EW-7 was installed in November 2012.] Table 1 presents the average static water levels for these three dates. Figure 5A is a baseline potentiometric groundwater contour map developed using Surfer 8 software by Golden Software, Inc, and the water level measurements made on July 21, 2008. As observed in Figure 5A, the groundwater flow prior to system startup was radial towards the basement sump system. On June 6, 2008, groundwater samples were collected from the monitoring wells using the procedures outlined in Section 4.5 and submitted to an analytical laboratory for testing of halogenated VOCs. The analytical laboratory results are included on Table 2. NAPL was not detected in the monitoring wells during the background monitoring events.

### **5.2 START-UP MONITORING**

On July 21, 2008 the groundwater extraction and treatment system became operational. Static water levels in the monitoring wells and the extraction wells were measured and recorded on a daily basis during the initial week of groundwater extraction system operation. Following this initial week of operation, static water levels in the monitoring wells and the extraction wells continued to be monitored to document steady-state conditions, but on a less frequent basis (typically, several times each month). Table 1 presents a summary of the average post groundwater extraction system startup static water levels for each of the monitoring and extraction wells. [Note: The analytical laboratory result of 5.22 ppm total chromium obtained on August 19, 2008 from MW-32 resulted in an adjustment to the chromium source area delineation to include the area in which monitoring well MW-32 is located. Additionally, MW-32 was converted to an extraction well, EW-5, on June 17, 2009 to provide hydraulic containment of this extended chromium source area (see Figure 2). Monitoring well MW-18 was included in the routine groundwater monitoring events on May 21, 2009. Monitoring well MW-31 was converted to an extraction well, EW-6, on December 14, 2012. Extraction well EW-7 was installed on November 14, 2013 and became operational on January 22, 2013.]

On August 19, 2008, approximately one month after groundwater extraction and treatment system startup, groundwater samples were collected from the monitoring wells and submitted to an analytical laboratory for testing of halogenated VOC and total chromium concentrations. On October 21, 2008 groundwater samples were collected from the extraction wells and submitted to an analytical laboratory for testing of total chromium. On August 6, 2009 and August 11, 2009 groundwater samples were collected from the monitoring and extraction wells and submitted to an analytical laboratory for testing of total and hexavalent chromium. Subsequent to the August 6, 2009 sampling event, routine groundwater samples (quarterly through 2009, annually thereafter) were collected and submitted to an analytical laboratory for testing of halogenated VOCs, hexavalent chromium and total chromium. NAPL was not detected in the monitoring or extraction wells during these sampling events. The analytical laboratory results for the aforementioned sampling events are summarized on Table 2 and Table 3, and the initial analytical laboratory data reports are included in Appendix E.

Following extended operation of the extraction well pumps and achievement of steady-state groundwater drawdown conditions, the steady-state groundwater extraction rate occurring at each well location was quantified. Well pump monitoring was performed at extraction wells EW-1 through EW-7 to determine the flow rate and volume of water extracted per pump cycle for each extraction well, the results of which are presented below:

Well ID	Pump Rate (gpm)	Gallons per Pump Cycle
EW-1	0.023	0.066
EW-2	0.185	0.061
EW-3	0.070	0.048
EW-4*	0.671*	0.155*
EW-5	0.204	0.065
EW-6	0.075	0.061
EW-7	0.081	0.095

\*Note: EW-4 has a high-capacity well pump; all other wells have a low-capacity well pump

In addition to collecting routine static water levels, the hardware associated with the groundwater extraction wells (i.e., piping, valves, gauges, etc) was visually inspected for proper operation, stress indicators (i.e., excessive bending, material discoloration, etc.) and leaking. During these inspection events, no indications of stress or leakage were identified, and the groundwater extraction and treatment system components appear to be operating as intended.

### 5.3 HYDRAULIC CONTAINMENT MONITORING AND SYSTEM EVALUATION

To evaluate the groundwater extraction system capture effectiveness, the average pre-groundwater extraction system static water levels were compared to the

average post-groundwater extraction system static water levels for each monitoring and extraction well. [Note: The average static water levels for the post groundwater extraction system startup included data collected during the monitoring events conducted between July 22, 2008 and May 29, 2013.] Once static water levels had stabilized following startup of the groundwater extraction system, the monitoring wells were categorized based on the location and influence of the extraction system on the specific monitoring well. “Capture Zone Wells” are locations within the delineated approximate extent of chromium in groundwater, and in which a decrease in static water level of at least 0.50 ft was observed following groundwater extraction system start-up. Monitoring wells MW-8, MW-11, MW-13, MW-21, MW-31, MW-33 and MW-34 are considered “Capture Zone Wells”, as these wells are located within the influence of the groundwater extraction system. Monitoring wells MW-1, MW-4, MW-14, MW-15, and MW-18 are designated as “perimeter wells”, indicating that these are outside of the delineated approximate extent of chromium in groundwater.

As observed in Table 1, water elevations at perimeter monitoring wells MW-4 and MW-14 increased by 0.27, and 0.06, ft, respectively, since the time of groundwater extraction system startup. The water elevations at perimeter monitoring wells MW-1 and MW-15 decreased by 0.13 and 0.12 ft, respectively. The static water levels in the “Capture Zone Wells” have decreased by 0.48 ft (MW-13) to 3.48 ft (MW-21). Refer to Table 1 for individual well performance.

Potentiometric groundwater contour maps were developed using Surfer 8 software by Golden Software, Inc, and the water level measurements made on July 25, 2008, August 12, 2008, October 22, 2008, January 12, 2009, April 7, 2009, July 10, 2009, September 4, 2009, and May 29, 2013. Based on the difference of static water levels collected prior to and subsequent to groundwater extraction and treatment system startup, and the hydraulic gradients presented in Figures 5B through 5I, the groundwater extraction systems’ extent of influence was delineated as shown in Figure 6. As seen in Figure 6, the effective capture zone created by the extraction wells includes the delineated approximate extent of chromium in groundwater in its entirety, as well as also includes the area of highest concentration of VOC’s in groundwater (vicinity of MW-9 and MW-30, as identified in the Work Plan and as described in Section 1.3), and thus achieves the remedial design goal regarding the minimum area to be covered by the groundwater extraction system.

The primary goal of the groundwater extraction and treatment system operation is the removal and reduction of chromium in groundwater within the extents delineated in Figure 6. A secondary benefit of this remedial activity is the removal and reduction of VOCs in groundwater within this same area. A preliminary assessment of the effectiveness of this system in removing chromium can be evaluated by reviewing post start-up monitoring results obtained to date (through May 2013). The post start-up monitoring events conducted on indicate that the total chromium concentration in the capture zone wells has decreased in

monitoring wells MW-8, MW-30, MW-32, and MW-33. Chromium was not detected in the groundwater samples collected from capture zone monitoring wells, MW-13 and MW-21 during the sampling events conducted to date. The total chromium concentrations in perimeter wells were not observed to change significantly, and generally remain below the 50 ppb NYSDEC TOGS 1.1.1 standard. As such, based on the data available, it does appear that operation of the groundwater extraction and treatment system is effectively providing for chromium removal and reduction within the delineated capture zone. Based upon water treatment system monitoring results, it is estimated that approximately 0.182 kilograms of chromium has been removed from Site groundwater between system startup and August 2009. Over the same period it is estimated that approximately 8.98 kilograms of total VOCs has been removed from Site groundwater [Note: refer to the Site's annual progress reports for mass of chromium and VOCs removed on an annual basis after August 2009.] As such, it is expected that operation of the groundwater extraction and treatment system will provide for removal and reduction of both chromium and VOC's in groundwater within the delineated capture zone.

#### **5.4 GROUNDWATER TREATMENT SYSTEM ANALYTICAL LABORATORY RESULTS**

Chromium and halogenated VOC samples collected from various locations along the treatment system have been routinely sampled and analyzed since the time of groundwater treatment system startup on June 21, 2008. The analytical laboratory samples were collected from sample ports installed at the inlet to the MetalMaster filters, the effluent of the first MetalMaster filter in each train, the influent to the GAC filters, the effluent of the first GAC filter in each train, and the treatment system effluent. This sampling program was conducted to document compliance with the Site's Monroe County sewer use permit, and to monitor system performance and filter service life. The initial analytical data reports from these sampling events are included in Appendix E.

##### **5.4.1 Sewer Use Permit**

Prior to groundwater treatment system startup, the Site maintained a sewer discharge permit from Monroe County for the discharge of the basement sump water into the sanitary sewer system. Monroe County indicated that this permit would be modified to also include discharges from the groundwater extraction wells. In accordance with Monroe County's sewer use ordinance for the primary parameters of interest, the following discharge limits apply:

Total Chromium:	3.0 mg/L
Total VOCs:	2.13 mg/L
pH:	5.5 – 10.0 S.U.

To date, no exceedances of the above-listed permit limits have been detected in the effluent from the groundwater treatment system since its startup on June 21, 2008.

#### **5.4.2 MetalMaster Media**

As presented in Table 4, the groundwater treatment system influent chromium concentrations have been observed to range from non-detectable to 2.62 mg/L. The effluent from the first MetalMaster filter in each train ranged between not detected to 11.40 mg/L. [Note: The 11.40 mg/L effluent total chromium result is suspect. Solids are believed to have been collected with the water sample, and as particulate removal is provided later in the treatment process, the sampling parameter for this location was subsequently changed to analyze for soluble chromium only, which is the more appropriate parameter to evaluate MetalMaster performance.] The service life of the MetalMaster filters under current loading conditions is in excess of one year.

#### **5.4.3 Granular Activated Carbon**

As presented on Table 5, the groundwater treatment system influent halogenated VOC concentrations have been observed to range between 0.61 mg/L and 6.59 mg/L. The effluent from the first carbon filter in each train has been observed to range between non-detectable and 3.80 mg/L. The service life of the carbon filters under current loading conditions is in excess of six months.

### **5.5 MANAGEMENT OF GENERATED MATERIALS**

As of May 31, 2013, approximately 2,519,180 gallons of groundwater have been treated in the groundwater treatment system and discharged to the sanitary sewer. As presented on Figure 7, approximately 1,500 to 2,000 gallons per day of groundwater are typically treated in the groundwater treatment system and discharged to the sanitary sewer.

Pressure drop across each MetalMaster filter train is monitored via inline pressure gauges, and sample ports located between the filters allow samples to be collected for analytical laboratory testing and filter performance evaluation. In this manner, the primary filter in each MetalMaster train is monitored for chromium breakthrough on a routine basis. Although not encountered to date, once significant breakthrough has occurred in the primary filter, it will be removed from service and the polishing filter will be moved up in the filter train to serve as the primary filter. A new MetalMaster filter will then be placed in the secondary (polishing) filter location. Spent/damaged filters will be drained to remove as much water as possible, with the drained fluids being returned to the head of the groundwater treatment system for reprocessing. Spent filters will be disposed of in accordance with applicable regulations by 95 Mt. Read Blvd. LLC.

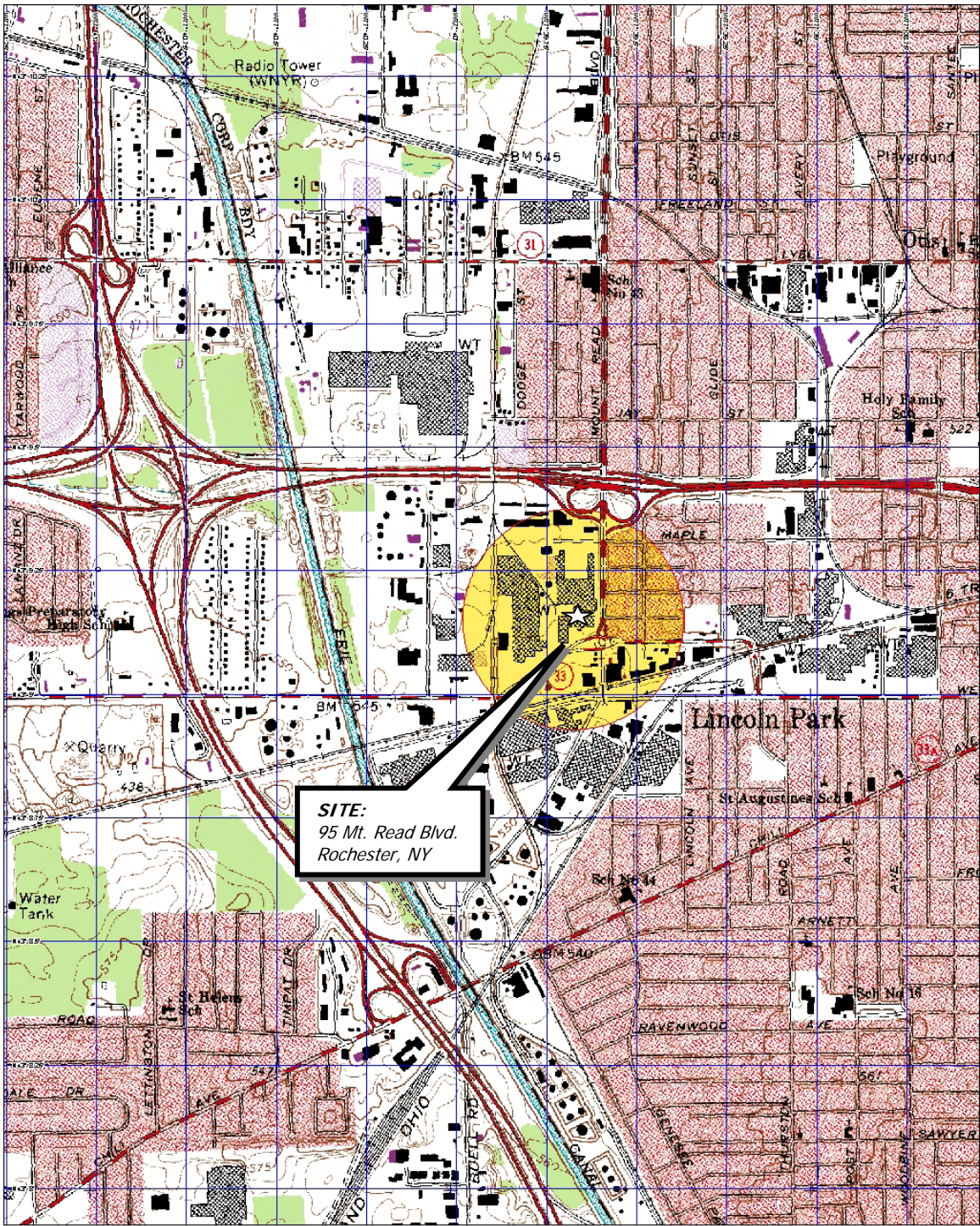


Pressure drop across the carbon filter trains is monitored via inline pressure gauges, and sample ports located between each filter unit allow samples to be collected for analytical laboratory testing and filter performance evaluation. In this manner, the primary filter in each carbon filter train is monitored for VOC breakthrough on a routine basis. Although not encountered to date, once significant breakthrough has occurred in the primary filter, it will be removed from service and the polishing filter will be moved up in the filter train to serve as the primary filter. A new carbon filter will then be placed in the secondary (polishing) filter location. Spent/damaged filters are drained to remove as much water as possible, with the drained fluids being returned to the head of the groundwater treatment system for reprocessing. Spent filters will be disposed of in accordance with applicable regulations by 95 Mt. Read Blvd. LLC.

## **5.6 SITE MANAGEMENT PLAN**

A site management plan (SMP) has been prepared and is provided under a separate cover. The SMP defines and summarizes the operation and maintenance and monitoring plan for the Site's groundwater extraction and treatment system.

## **FIGURES**



3-D TopoQuads Copyright © 1999 DeLorme Yarmouth, ME 04096 Source Data: USGS 544 ft Scale: 1 : 19,200 Detail: 14-0 Datum: NAD27

Drawing Produced From: 3-D TopoQuads, DeLorme Map Co., referencing USGS quad map Rochester West (NY) 1995. Site Lat/Long: N43d-09.15' – W77d-39.67'

DATE  
**10-30-2009**

DRAWN BY  
**RJM**

SCALE  
**1" = 2000'**

**day**

**DAY ENVIRONMENTAL, INC.**  
ENVIRONMENTAL CONSULTANTS  
ROCHESTER, NEW YORK 14614-1008

PROJECT TITLE  
**95 MT. READ BOULEVARD  
ROCHESTER, NEW YORK**

**CONSTRUCTION COMPLETION REPORT**

DRAWING TITLE  
**PROJECT LOCUS MAP**

PROJECT NO.  
**3681R-05**

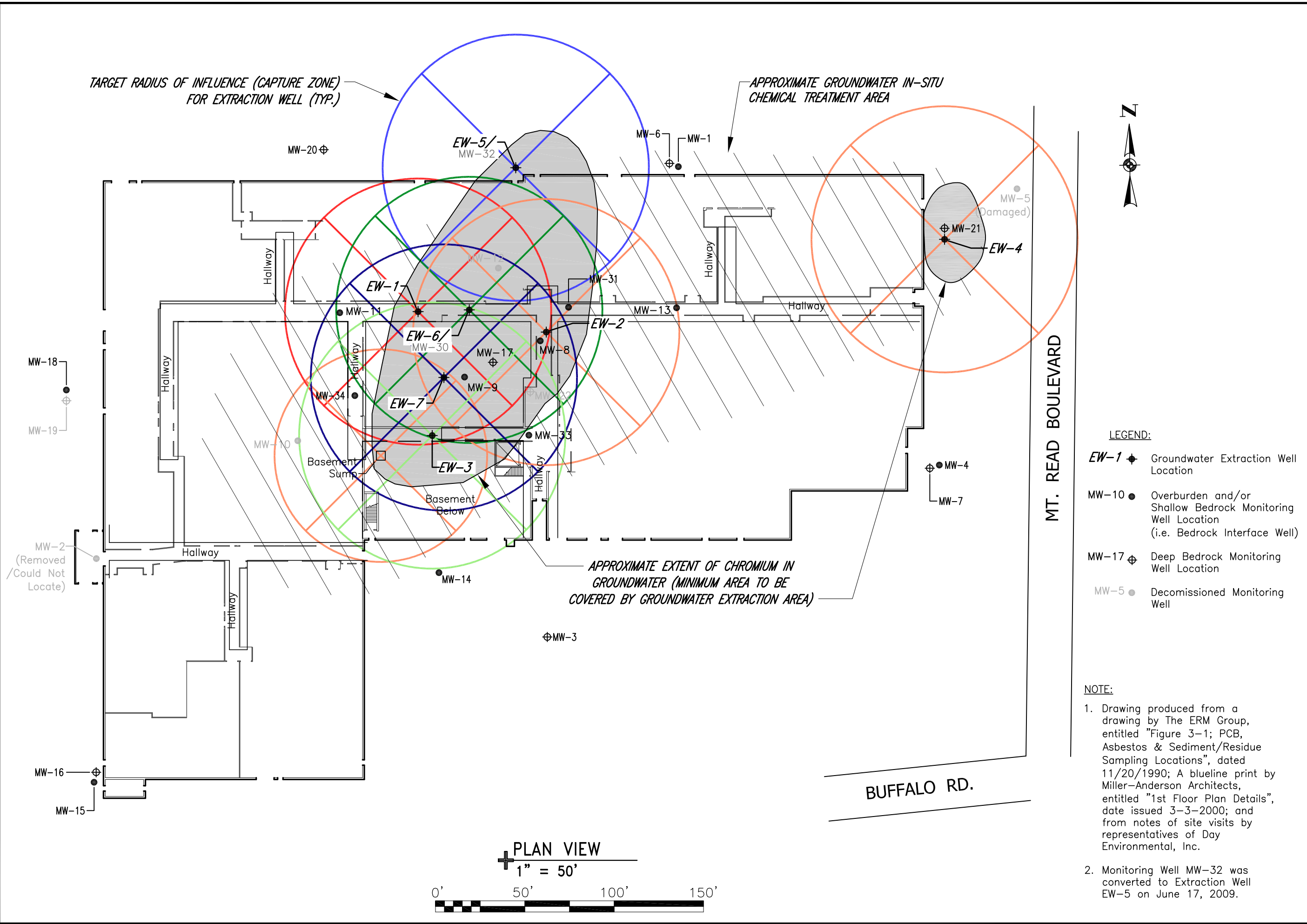
**FIGURE 1**



Ref1:  
Ref2:  
Ref3:

Xerox432AnsiB-2; 11 x 17  
Layout Name: Layout1  
Pen Setting File: Maguire95-1.ctb

Time Plotted: Wednesday, August 28, 2013 8:57:18 AM  
File Name: P:\Drawings\Maguire\3681R\CCR Aug 2013\Figure 2.dwg



MT. READ BOULEVARD

BUFFALO RD.

PLAN VIEW  
1" = 50'



LEGEND:

- EW-1 ◆ Groundwater Extraction Well Location
- MW-10 ● Overburden and/or Shallow Bedrock Monitoring Well Location (i.e. Bedrock Interface Well)
- MW-17 ⊕ Deep Bedrock Monitoring Well Location
- MW-5 ● Decommissioned Monitoring Well

NOTE:

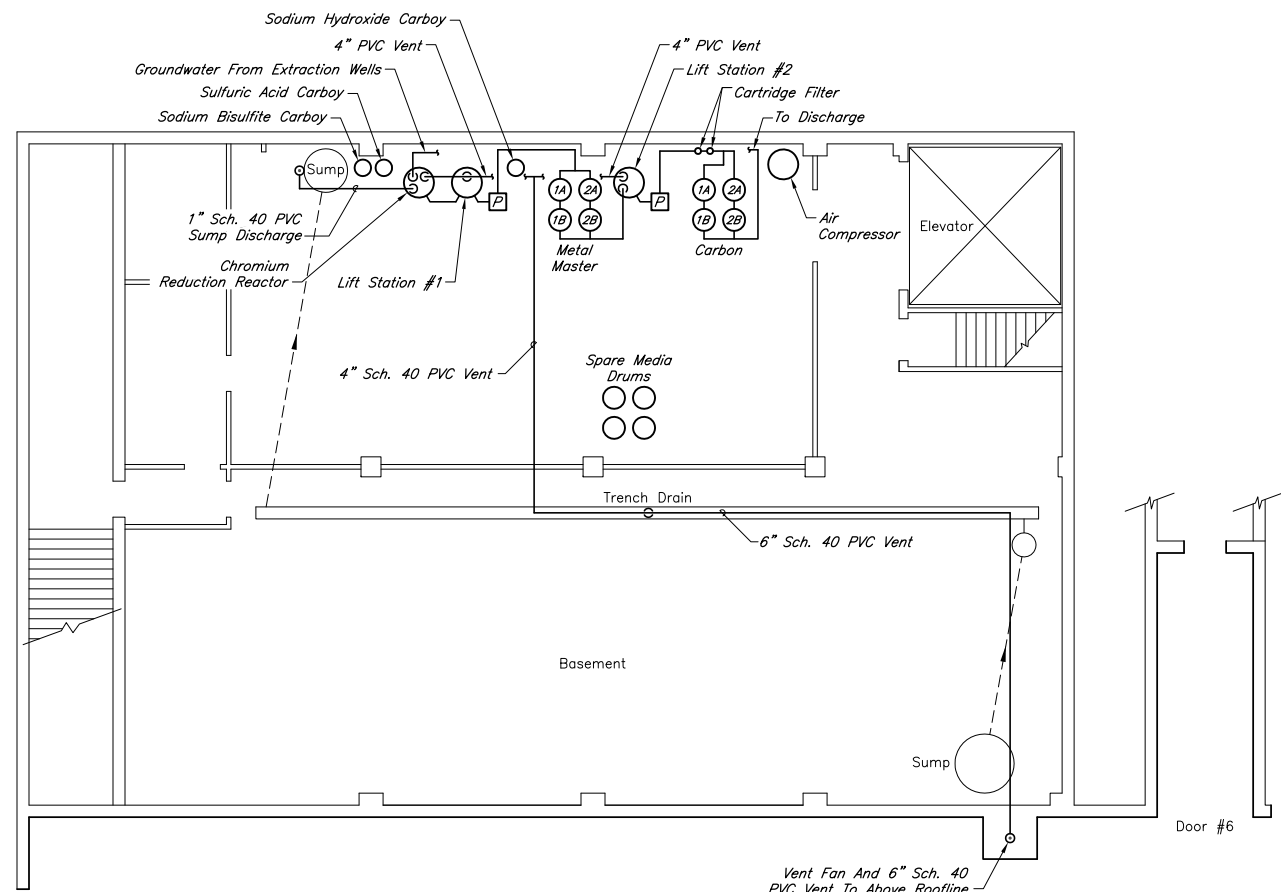
1. Drawing produced from a drawing by The ERM Group, entitled "Figure 3-1; PCB, Asbestos & Sediment/Residue Sampling Locations", dated 11/20/1990; A blue line print by Miller-Anderson Architects, entitled "1st Floor Plan Details", date issued 3-3-2000; and from notes of site visits by representatives of Day Environmental, Inc.
2. Monitoring Well MW-32 was converted to Extraction Well EW-5 on June 17, 2009.

FIELD VERIFIED BY	DATE
NES	3-2010
DRAWN BY	DATE DRAWN
RJM/Tw	8-2013
SCALE	DATE ISSUED
1" = 50'	8-26-2013

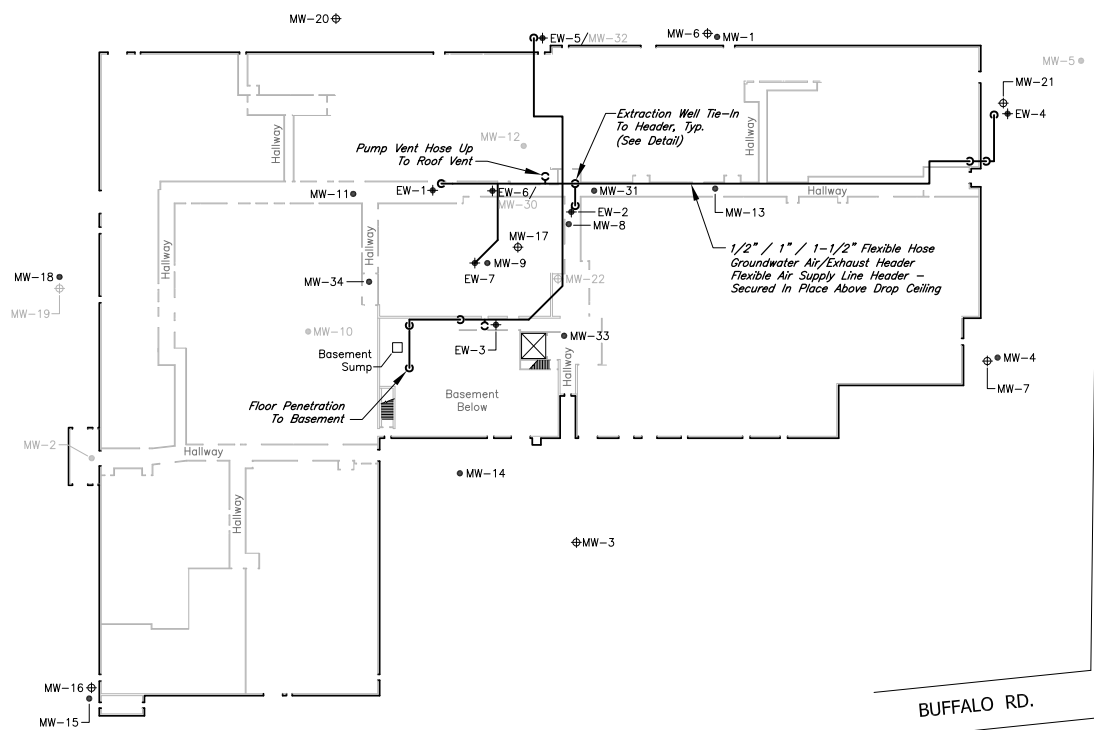
**day**  
DAY ENVIRONMENTAL, INC.  
ENVIRONMENTAL CONSULTANTS  
ROCHESTER, NEW YORK 14606  
NEW YORK, NEW YORK 10170

PROJECT TITLE	CONSTRUCTION COMPLETION REPORT
95 MT. READ BOULEVARD ROCHESTER, NEW YORK	DRAWING TITLE
	Well Location Plan

PROJECT NO.	3681R-05
<b>FIGURE 2</b>	



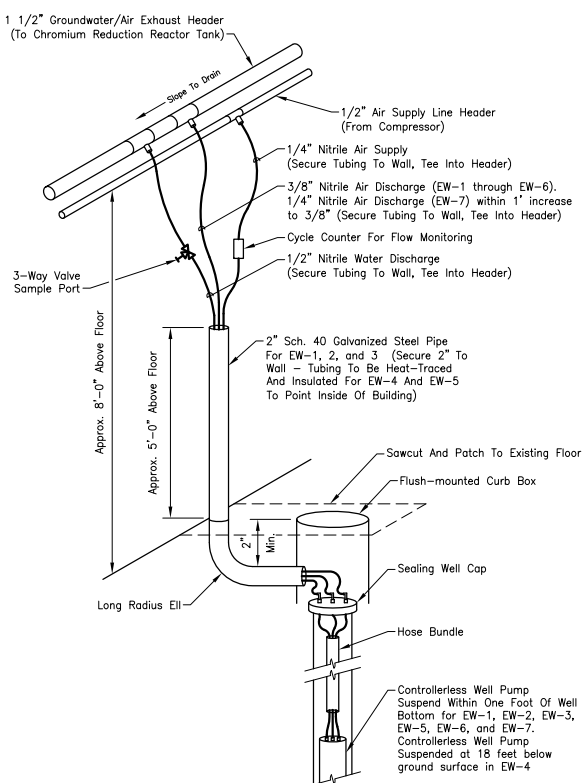
**BASEMENT PLAN VIEW**  
 1/8" = 1'-0"  
 0' 8' 16' 24'



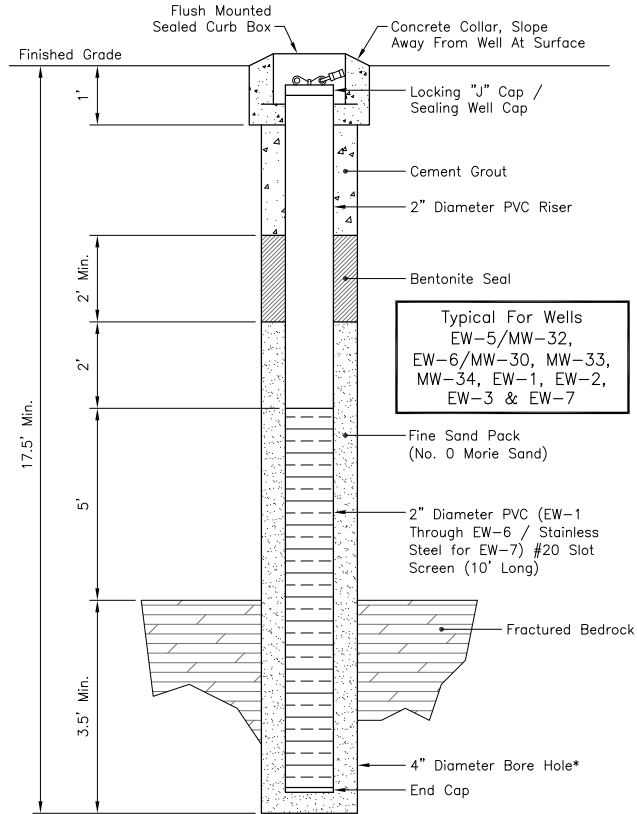
**SITE PLAN**  
 1" = 50'  
 0' 50' 100' 150'

MT. READ BOULEVARD

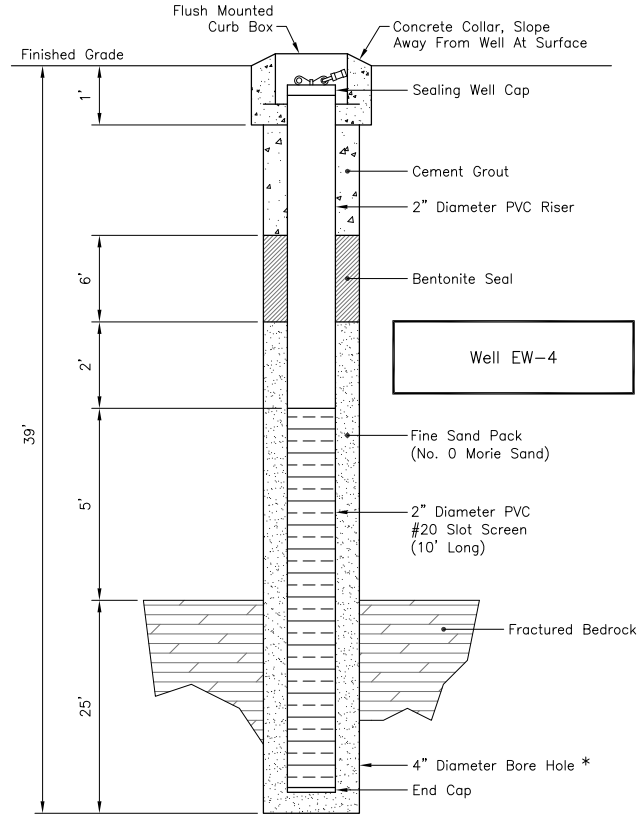
BUFFALO RD.



**DETAIL - WELL PUMP**  
 NOT TO SCALE



**TYPICAL MONITORING WELL DIAGRAM**  
 NOT TO SCALE



\* Note: 4" Diameter Bore Hole Was Extended Into Bedrock To Point Of Refusal, Following Which 2" Boring (Unscreened) Was Used To Reach Total Indicated Depth.

**NOTES:**

1. Monitoring Well MW-32 was converted to Extraction Well EW-5 on June 17, 2009.
2. Monitoring Well MW-30 was converted to Extraction Well EW-6 on December 14, 2012.
3. Extraction Well EW-7 was installed on November 14, 2012, and became operational on January 22, 2013.



**RECORD DRAWINGS**

**NOTE:**  
 Day Environmental, Inc. and the Licensed Professional Engineer certify to the best of our knowledge that this drawing is a reasonable true and accurate representation of the records of construction. This record drawing has been prepared based on conditions that existed at the time of preparation and in part on information provided by others. Verification of actual conditions should be confirmed prior to performing additional work that relies on information contained in this drawing.

DATE	BY	REVISION
09-10-2007	BFK	ISSUE FOR CONSTRUCTION COMPLETION REPORT
09-10-2007	RJM	MISC. REVISIONS
09-10-2007	BFK	REVISION PER NYSDEC REVIEW COMMENTS
09-2007	BFK	RECORD DRAWING
As Noted	As Noted	REVISIONS

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NO.	DATE	BY	REVISIONS
7			
6	10-23-13	RJM	REVISION RECORD DRAWING NOTE PER NYSDEC REVIEW COMMENTS
5	8-26-13	RJM	ISSUE FOR CONSTRUCTION COMPLETION REPORT
4	5-13-13	TJM	MISC. REVISIONS
3	3-5-10	RJM	REVISION PER NYSDEC REVIEW COMMENTS
2	10-29-09	RJM	RECORD DRAWING
1			

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 NEW YORK, NEW YORK 10170

PROJECT TITLE  
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 ROCHESTER, NEW YORK  
 CONSTRUCTION COMPLETION REPORT  
 DRAWING TITLE  
 Plan Views And Details

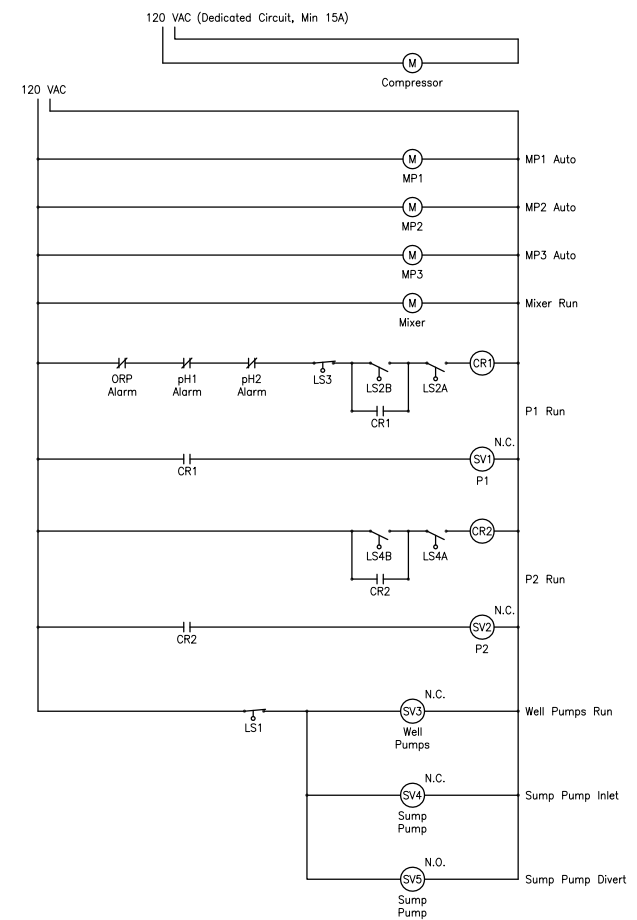
PROJECT NO.  
 3681R-05  
 FIGURE NO.  
**FIGURE 3**

Reference Files Attached:  
 REF1: 3681R-05 Basement Plan Oct-09BFB;  
 REF2: 3681R-05 Well Pump Oct-09BFB;  
 REF3: 3681R-05 Well Pump Oct-09BFB;  
 REF4: Well Detail Oct-09BFB;  
 REF5:

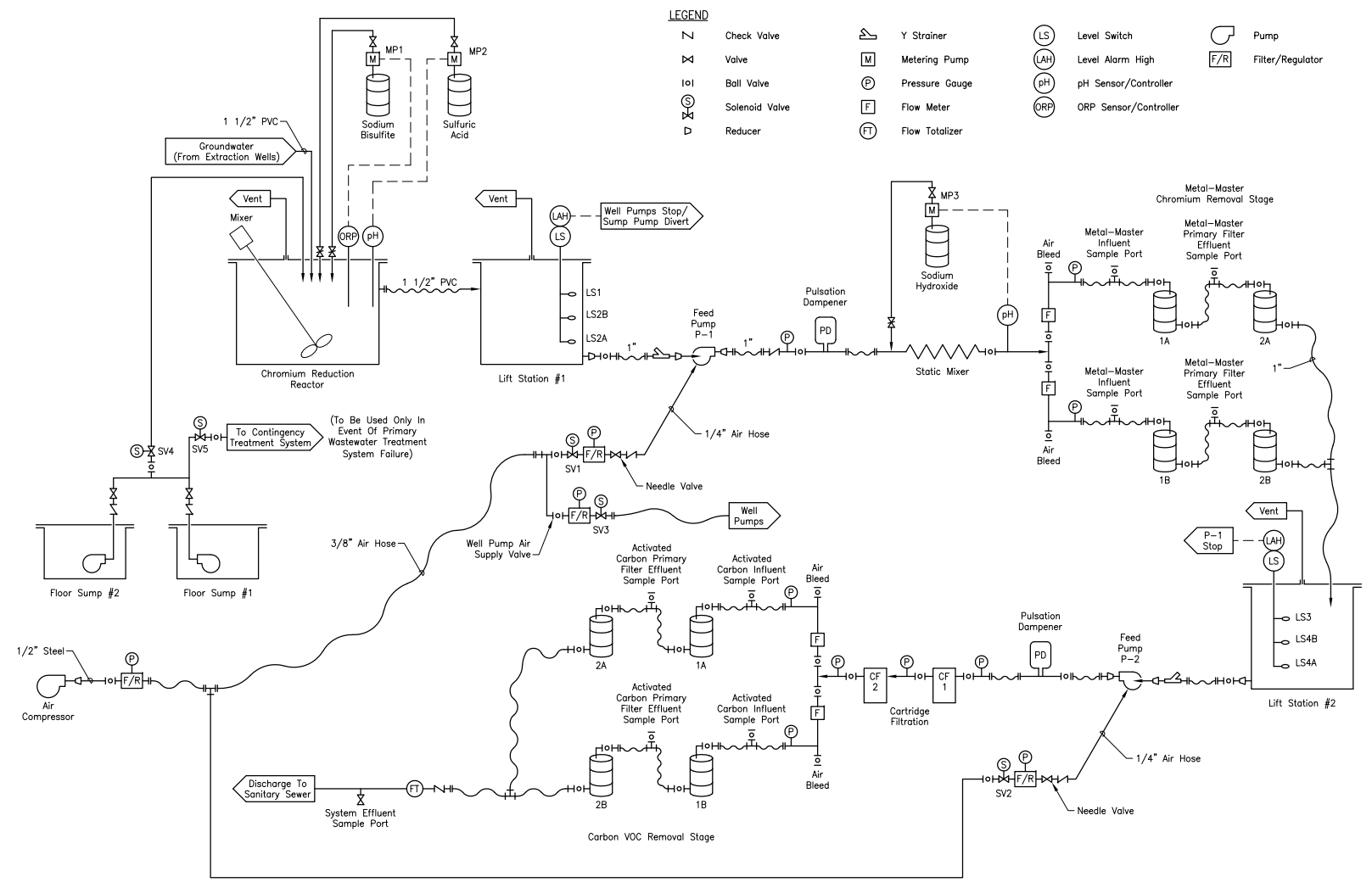
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SYSTEM	ITEM	DESCRIPTION	MFR	MODEL
Chromium Reduction	Tank	150-gal polyethylene tank (31"D x 48"H) with cover	Chem-Tainer	---
	Tank Stand	steel mixer support floor stand	Chem-Tainer	---
	Mixer	1/3 HP, min 32"L, 1/2" dia. shaft; clamp-mount	Neptune	---
	pH Controller	on-off dual pH/ORP controller, min. 2 SPDT relays	Rosemount	1055-01-11-22-32
	pH Probe	pH sensor with 25-ft cable	Rosemount	396P-01-10-55
	pH Cartridge	ORP sensor with 25-ft cable	Rosemount	396P-01-12-55
Acid Metering Pump	Acid Metering Pump	14 GPD; 100:1 turndown; manual control	LMI	AA141-353SP
	Bisulfite Metering Pump	18 GPD; 100:1 turndown; manual control	LMI	AA181-393BI
Lift Station #1	Tank	150-gal polyethylene tank (31"D x 48"H) with cover	Chem-Tainer	---
	Float Switches	3-wire polypropylene float, 10A, 20' cord	Conery	---
	Pump	1/2" PP diaphragm pump; 13 GPM max; viton seals	ARO	666053-333
pH Adjustment	Pulsation Damper	PP dampener, 85% pulsation reduction @ 60 psi, 5 GPM	ARO	SB10P-APS-A
	Static Mixer	1" PVC static mixer	---	---
	Caustic Metering Pump	24 GPD; 1000:1 turndown, 4-20mA control; remote on-off	LMI	AA951-393BI
	pH Controller	proportional pH controller	LMI	DP5000
Metal Master Filtration	pH Probe	pH probe	Sensorex	S650CD
	pH Cartridge	pH probe cable assembly; 10'L	Sensorex	S653TC-10-BNC
	Flowmeters	1.0 to 10.0 GPM; 1" FNPT ends	Blue White	F-400N
Lift Station #2	Chromium Filters	Chromium Removal Media Drums	Terreneu	MetalMaster
	Tank	100-gal polyethylene tank (28"D x 42"H) with cover	Chem-Tainer	---
	Float Switches	3-wire polypropylene float, 10A, 20' cord	Conery	---
Cartridge Filtration	Pump	1/2" PP diaphragm pump; 13 GPM max; viton seals	ARO	666053-333
	Pulsation Damper	PP dampener, 85% pulsation reduction @ 60 psi, 5 GPM	ARO	SB10P-APS-A
	Filter Housings	4.5" x 20" filter housing; 1" FNPT ends	---	---
Carbon Filtration	Cartridge Filters	4.5" x 20" filter, 50-micron	---	---
	Cartridge Filters	4.5" x 20" filter, 5-micron	---	---
	Flowmeters	1.0 to 10.0 GPM; 1" FNPT ends	Blue White	F-400N
Well Pumps	Carbon Filter	High-surface area carbon media drums	Terreneu	Carphene
	Flow Totalizer	5/8" x 3/4"; 0.5 to 20 GPM; totalizer in gallons	Neptune	---
	EW-1 thru EW-3, EW-5 & EW-6	2.0 GPM max; bottom inlet; 20" activation level	QED	AP2B (short)
	EW-4	2.3 GPM max; bottom inlet; 35" activation level	QED	AP2B (long)
Compressed Air System	EW-7	2.0 GPM max; bottom inlet; 38" activation level	geo tech	---
	Cycle Counters	digital display	QED	---
	Well Cap	vacuum sealing cap with tubing adapters	QED	---
Alarm	Compressor	Oilless; 1.6 HP; 6.0 CFM @ 90 psi	Porter-Cable	C3151
	Hi Level Alarm	compact 5-micron filter, 0-125 psi regulator, 1/2" NPT ends	Wilkinson	B18-04-FK00

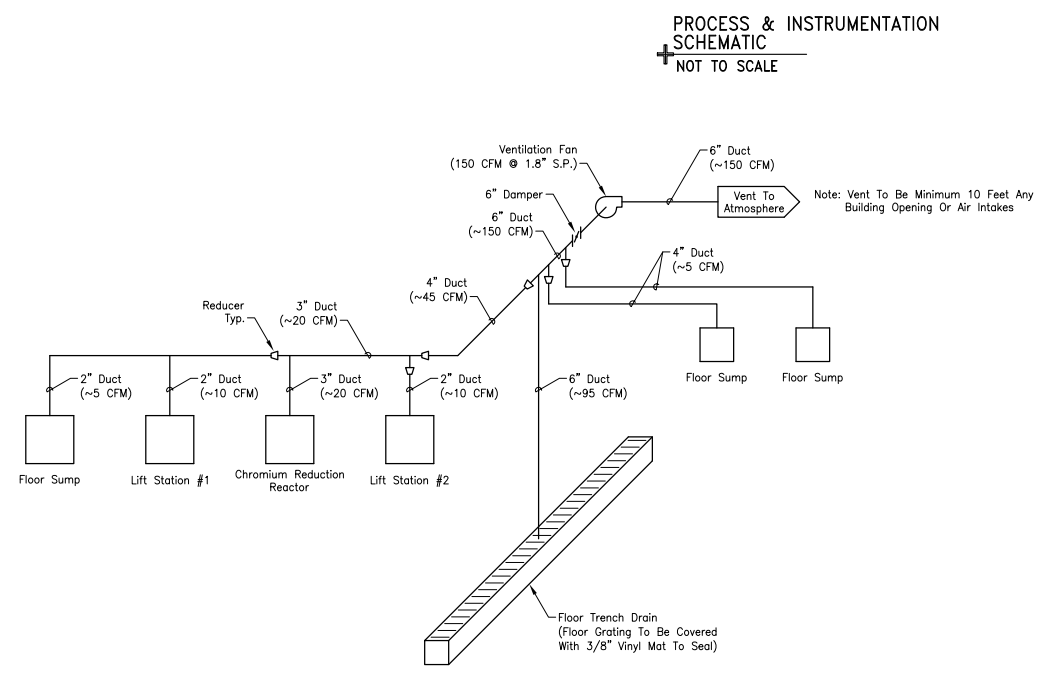
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**ELECTRICAL SCHEMATIC**  
NOT TO SCALE



**PROCESS & INSTRUMENTATION SCHEMATIC**  
NOT TO SCALE



**VENTILATION SCHEMATIC**  
NOT TO SCALE

DATE	09-10-2007
BY	BFK
DATE	09-10-2007
BY	RJM
DATE	09-10-2007
BY	BFK
DATE	09-20-2007
BY	BFK
DATE	09-20-2007
BY	As Noted

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NO.	DATE	REVISIONS
7	10-23-13	REVISED RECORD DRAWING NOTE PER NYSDEC REVIEW COMMENTS
6	8-26-13	ISSUE FOR CONSTRUCTION COMPLETION REPORT
5	5-13-13	EQUIPMENT LIST ADDITION
4	3-5-10	REVISED PER NYSDEC REVIEW COMMENTS
3	10-29-09	RECORD DRAWING
2		
1		

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PROJECT TITLE  
95 MT. READ BOULEVARD  
ROCHESTER, NEW YORK  
CONSTRUCTION COMPLETION REPORT  
DRAWING TITLE  
Equipment List And Schematics

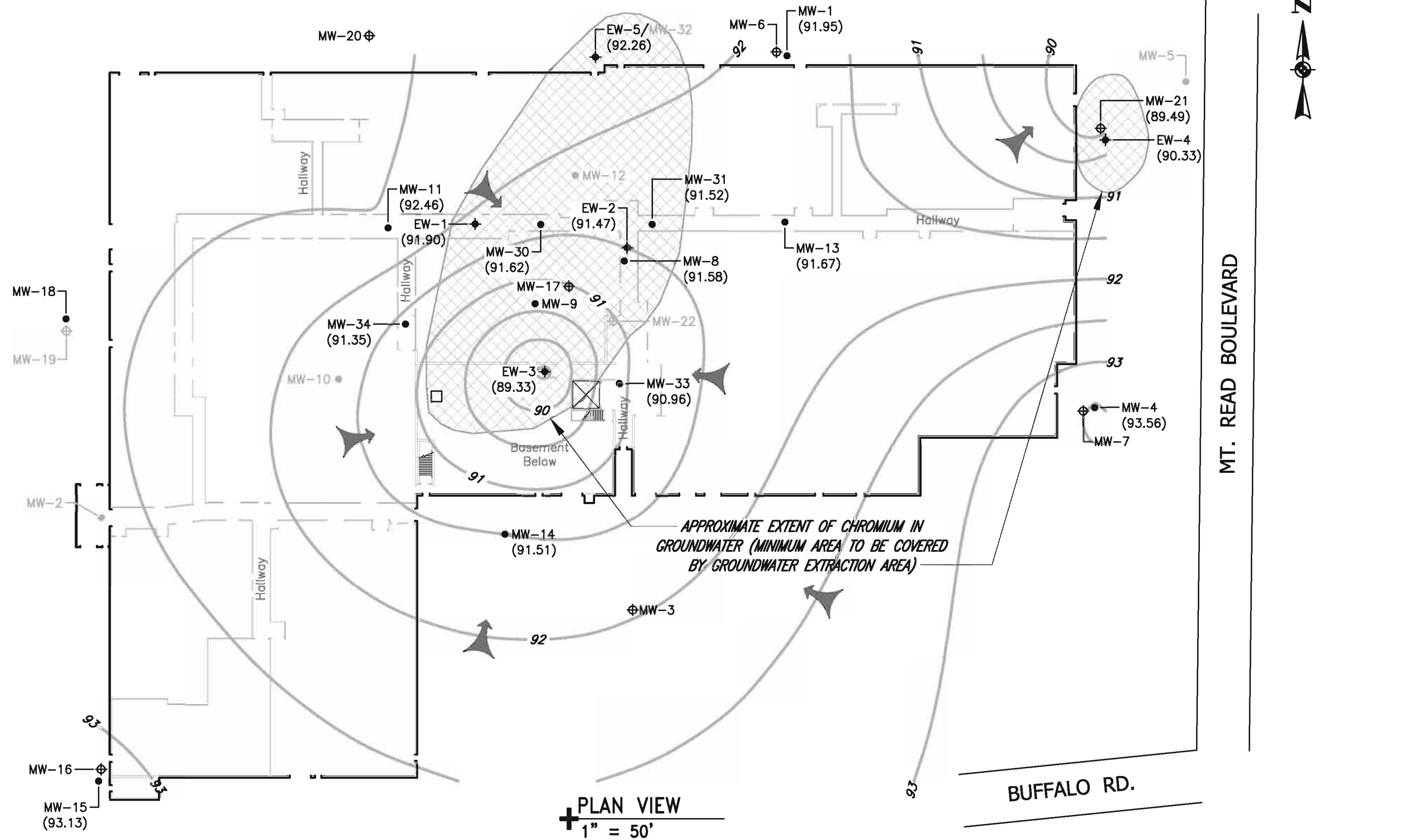
PROJECT NO.  
3681R-05  
FIGURE NO.  
**FIGURE 4**

**RECORD DRAWINGS**  
NOTE:  
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Reference Files Attached:  
REF1: 3681R-05\_Schematic-RD  
REF2: 3681R-05\_Schematic-RD  
REF3: 3681R-05\_Schematic-RD  
REF4: 3681R-05\_Ventilation-RD  
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**PLAN VIEW**  
 1" = 50'

**NOTES:**

- Drawing produced from a drawing by The ERM Group, entitled "Figure 3-1; PCB, Asbestos & Sediment/Residue Sampling Locations", dated 11/20/1990; A blue line print by Miller-Anderson Architects, entitled "1st Floor Plan Details", date issued 3-3-2000; and from notes of site visits by representatives of Day Environmental, Inc.
- Monitoring Well MW-32 was converted to Extraction Well EW-5 on June 17, 2009.

**LEGEND:**

- EW-3 ◆ Groundwater Extraction Well Location With Groundwater Elevation Obtained On July 21, 2008 (89.33)
- MW-11 ● Overburden and/or Shallow Bedrock Monitoring Well Location (i.e. Bedrock Interface Well) With Groundwater Elevation Obtained On July 21, 2008 (92.46)
- MW-21 ⊕ Deep Bedrock Monitoring Well Location With Groundwater Elevation Obtained On July 21, 2008 (89.49)

- 92 — Potentiometric Contour Line For July 21, 2008 Created By Golden Software Inc. Surfer8 Program
- Apparent Direction Of Groundwater Flow
- MW-5 ● Decommissioned Monitoring Well



FIELD VERIFIED BY	DATE
NES	07-2008
DRAWN BY	DATE DRAWN
RJM	10-22-2009
SCALE	DATE ISSUED
1" = 50'	3-5-2010

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**95 MT. READ BOULEVARD  
 ROCHESTER, NEW YORK**

DRAWING TITLE  
**CONSTRUCTION COMPLETION REPORT**

PROJECT NO.  
**3681R-05**

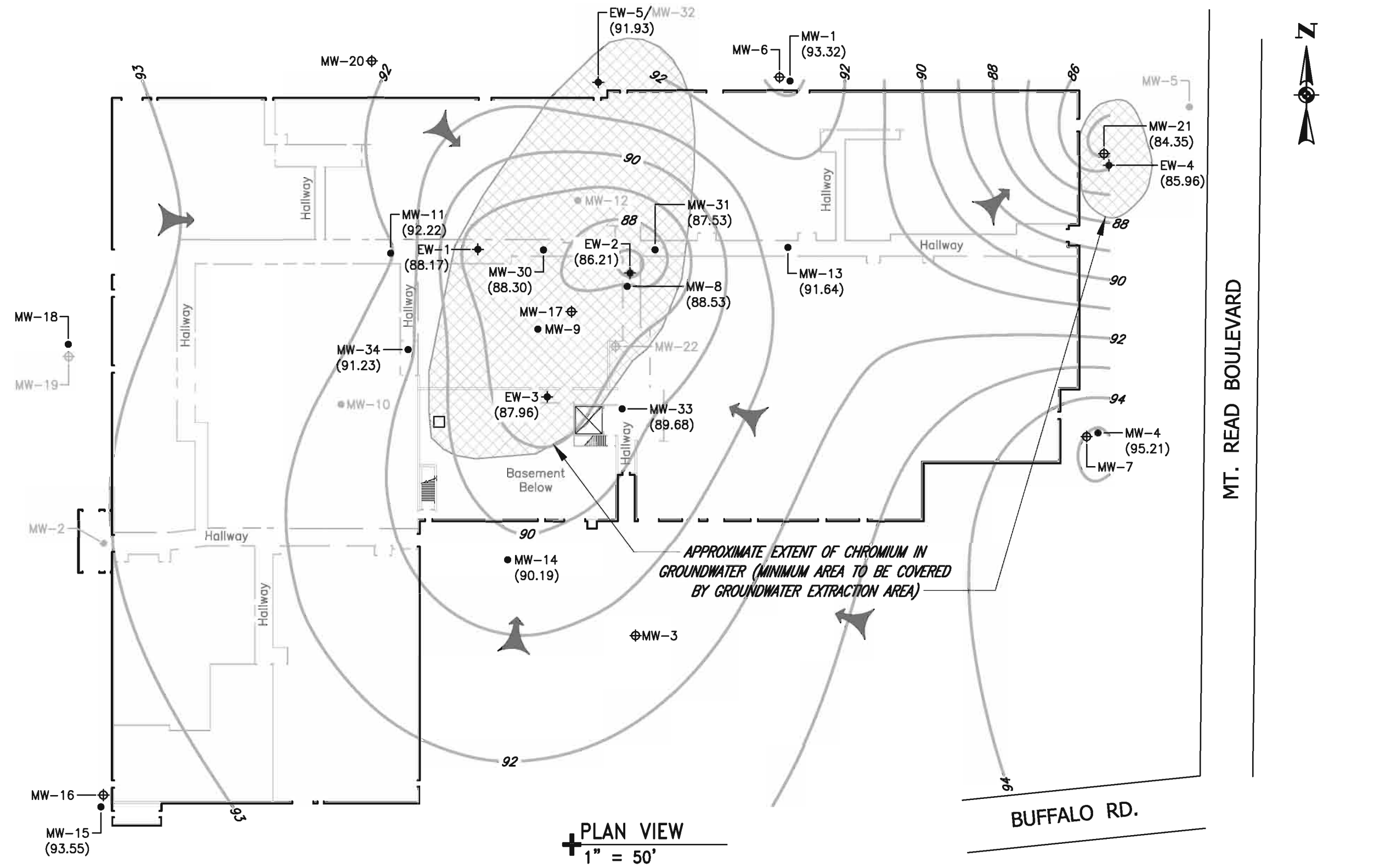
**Groundwater Potentiometric Contour Map For July 21, 2008**

**FIGURE 5A**

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**PLAN VIEW**  
 1" = 50'

- NOTES:**
- Drawing produced from a drawing by The ERM Group, entitled "Figure 3-1; PCB, Asbestos & Sediment/Residue Sampling Locations", dated 11/20/1990; A blue line print by Miller-Anderson Architects, entitled "1st Floor Plan Details", date issued 3-3-2000; and from notes of site visits by representatives of Day Environmental, Inc.
  - Monitoring Well MW-32 was converted to Extraction Well EW-5 on June 17, 2009.

- LEGEND:**
- EW-3 ◆ Groundwater Extraction Well Location With Groundwater Elevation Obtained On July 25, 2008 (87.96)
  - MW-11 ● Overburden and/or Shallow Bedrock Monitoring Well Location (i.e. Bedrock Interface Well) With Groundwater Elevation Obtained On July 25, 2008 (92.22)
  - MW-21 ⊕ Deep Bedrock Monitoring Well Location With Groundwater Elevation Obtained On July 25, 2008 (84.35)

- 92 — Potentiometric Contour Line For July 25, 2008 Created By Golden Software Inc. Surfer8 Program
- ➔ Apparent Direction Of Groundwater Flow
- MW-5 ● Decommissioned Monitoring Well



FIELD VERIFIED BY	DATE
NES	07-2008
DRAWN BY	DATE DRAWN
RJM	10-22-2009
SCALE	DATE ISSUED
1" = 50'	3-5-2010

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PROJECT TITLE  
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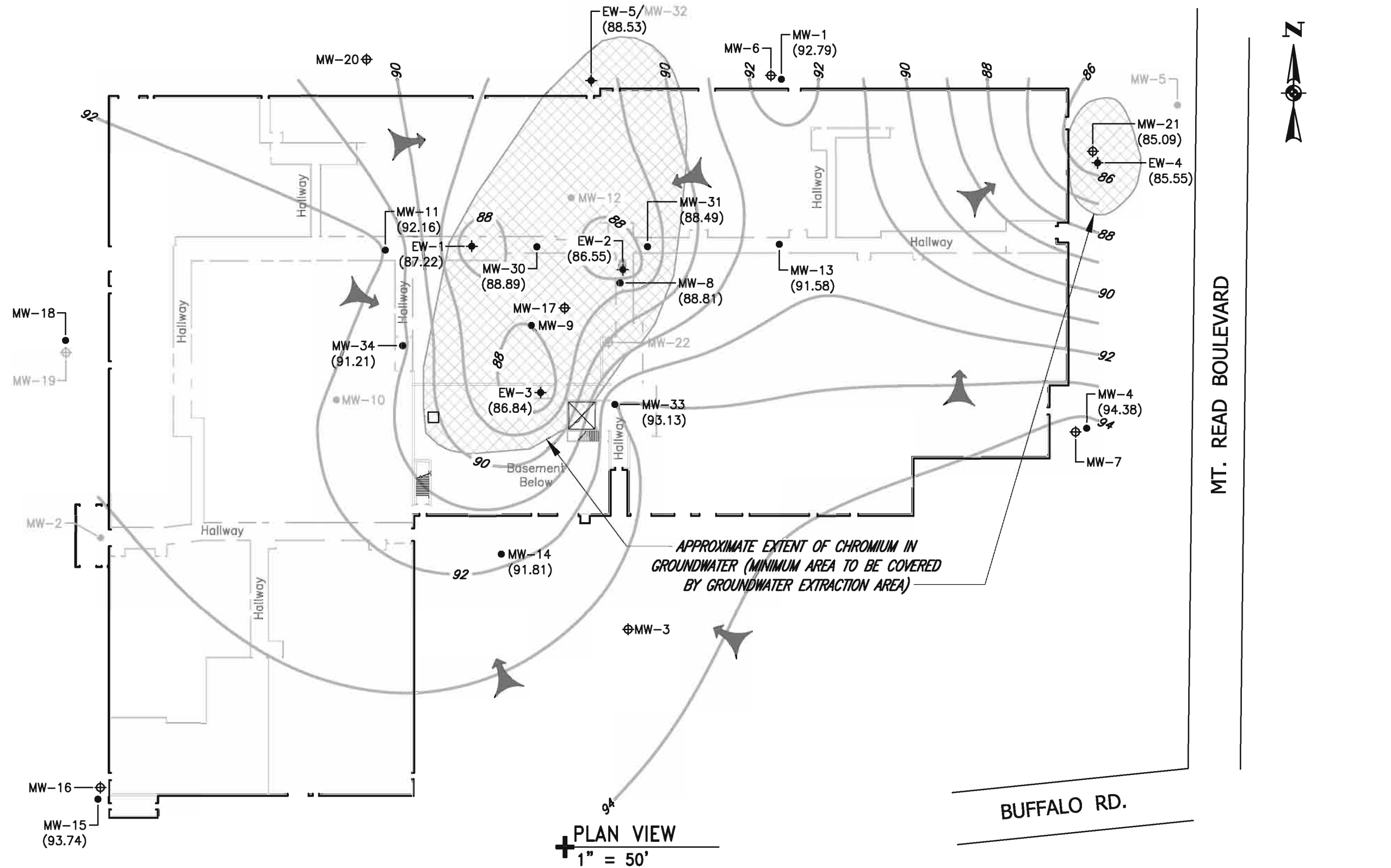
DRAWING TITLE  
**CONSTRUCTION COMPLETION REPORT**

PROJECT NO.  
**3681R-05**

**FIGURE 5B**

Groundwater Potentiometric Contour Map For July 25, 2008





**PLAN VIEW**  
 1" = 50'

**NOTES:**

- Drawing produced from a drawing by The ERM Group, entitled "Figure 3-1; PCB, Asbestos & Sediment/Residue Sampling Locations", dated 11/20/1990; A blueline print by Miller-Anderson Architects, entitled "1st Floor Plan Details", date issued 3-3-2000; and from notes of site visits by representatives of Day Environmental, Inc.
- Monitoring Well MW-32 was converted to Extraction Well EW-5 on June 17, 2009.

**LEGEND:**

- EW-3 (86.84) Groundwater Extraction Well Location With Groundwater Elevation Obtained On August 12, 2008
- MW-11 (92.16) Overburden and/or Shallow Bedrock Monitoring Well Location (i.e. Bedrock Interface Well) With Groundwater Elevation Obtained On August 12, 2008
- MW-21 (85.09) Deep Bedrock Monitoring Well Location With Groundwater Elevation Obtained On August 12, 2008

- 92 Potentiometric Contour Line For August 12, 2008 Created By Golden Software Inc. Surfer8 Program
- Apparent Direction Of Groundwater Flow
- MW-5 Decommissioned Monitoring Well



DATE	08-2008
FIELD VERIFIED BY	NES
DATE DRAWN	10-22-2009
DRAWN BY	RJM
DATE ISSUED	3-5-2010
SCALE	1" = 50'

**day**  
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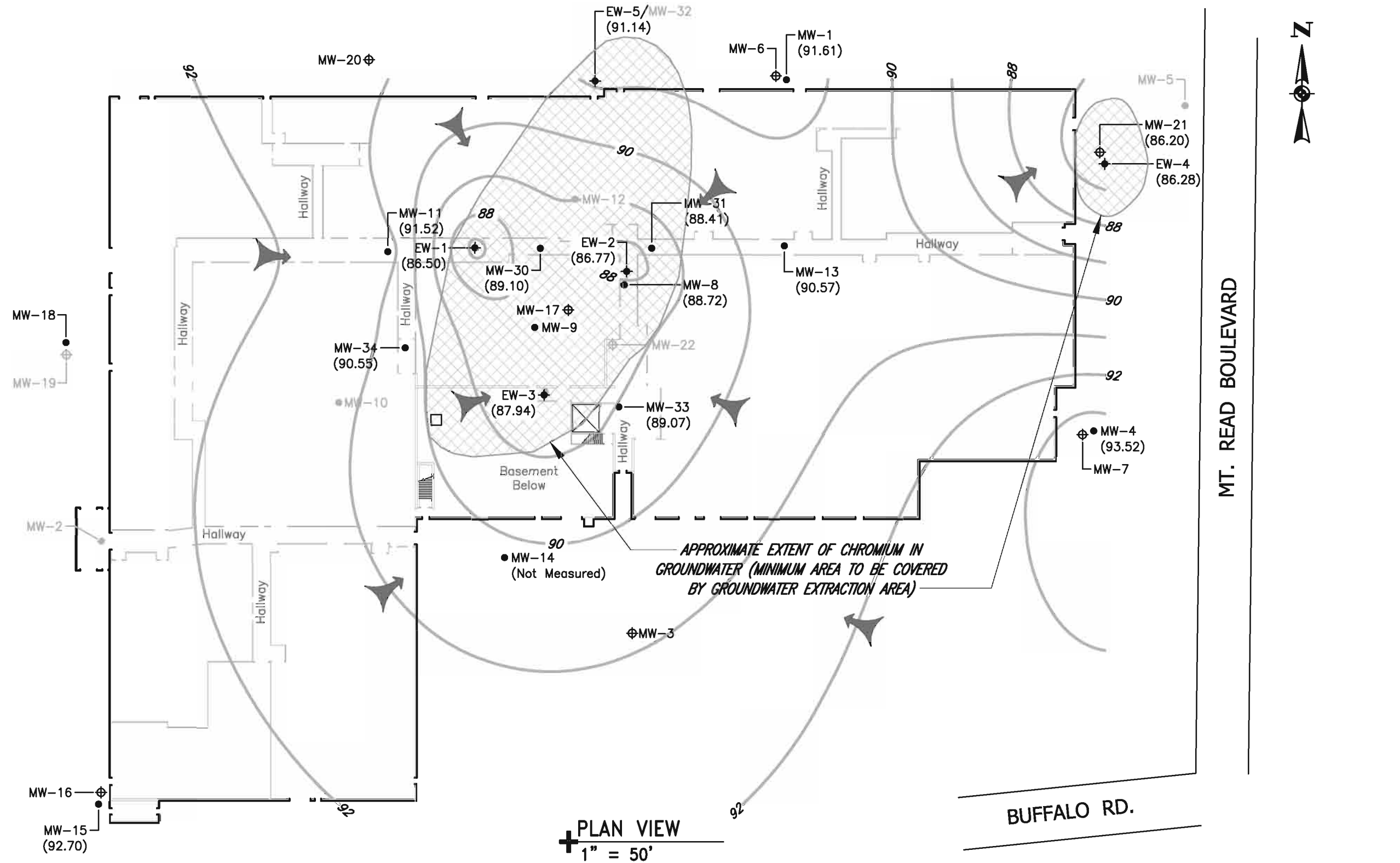
**PROJECT TITLE**  
 95 MT. READ BOULEVARD  
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**DRAWING TITLE**  
 CONSTRUCTION COMPLETION REPORT

**PROJECT NO.**  
 3681R-05

**DRAWING NO.**  
 Groundwater Potentiometric Contour Map For August 12, 2008

**FIGURE 5C**



**PLAN VIEW**  
 1" = 50'

**NOTES:**

- Drawing produced from a drawing by The ERM Group, entitled "Figure 3-1; PCB, Asbestos & Sediment/Residue Sampling Locations", dated 11/20/1990; A blue line print by Miller-Anderson Architects, entitled "1st Floor Plan Details", date issued 3-3-2000; and from notes of site visits by representatives of Day Environmental, Inc.
- Monitoring Well MW-32 was converted to Extraction Well EW-5 on June 17, 2009.

**LEGEND:**

- EW-3 ◆ Groundwater Extraction Well Location With Groundwater Elevation Obtained On October 22, 2008 (87.94)
- MW-11 ● Overburden and/or Shallow Bedrock Monitoring Well Location (i.e. Bedrock Interface Well) With Groundwater Elevation Obtained On October 22, 2008 (91.52)
- MW-21 ⊕ Deep Bedrock Monitoring Well Location With Groundwater Elevation Obtained On October 22, 2008 (86.20)

- 92 — Potentiometric Contour Line For October 22, 2008 Created By Golden Software Inc. Surfer8 Program
- Apparent Direction Of Groundwater Flow
- MW-5 ● Decommissioned Monitoring Well



FIELD VERIFIED BY	DATE
NES	10-2008
DRAWN BY	DATE DRAWN
RJM	10-22-2009
SCALE	DATE ISSUED
1" = 50'	3-5-2010

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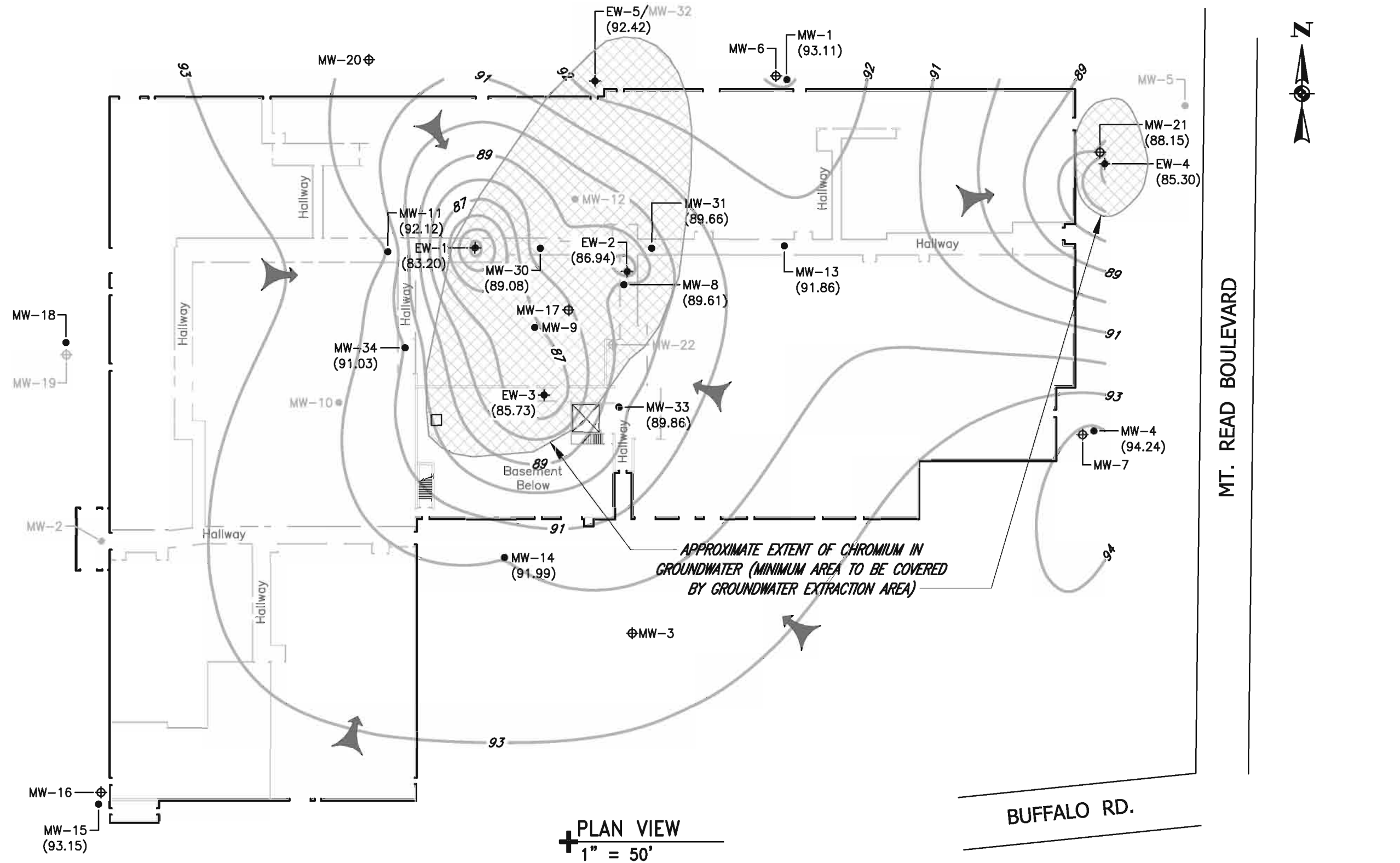
PROJECT TITLE  
**95 MT. READ BOULEVARD  
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DRAWING TITLE  
**CONSTRUCTION COMPLETION REPORT**

PROJECT NO.  
 3681R-05

Groundwater Potentiometric Contour Map For October 22, 2008

**FIGURE 5D**



**PLAN VIEW**  
 1" = 50'

**NOTES:**

- Drawing produced from a drawing by The ERM Group, entitled "Figure 3-1; PCB, Asbestos & Sediment/Residue Sampling Locations", dated 11/20/1990; A blue line print by Miller-Anderson Architects, entitled "1st Floor Plan Details", date issued 3-3-2000; and from notes of site visits by representatives of Day Environmental, Inc.
- Monitoring Well MW-32 was converted to Extraction Well EW-5 on June 17, 2009.

**LEGEND:**

- EW-3 ◆ (85.73) Groundwater Extraction Well Location With Groundwater Elevation Obtained On January 12, 2009.
- MW-11 ● (92.12) Overburden and/or Shallow Bedrock Monitoring Well Location (i.e. Bedrock Interface Well) With Groundwater Elevation Obtained On January 12, 2009.
- MW-21 ⊕ (88.15) Deep Bedrock Monitoring Well Location With Groundwater Elevation Obtained On January 12, 2009

- 92 — Potentiometric Contour Line For January 12, 2009 Created By Golden Software Inc. Surfer8 Program
- Apparent Direction Of Groundwater Flow
- ⊕ MW-5 ● Decommissioned Monitoring Well



FIELD VERIFIED BY	DATE
NES	01-2009
DRAWN BY	DATE DRAWN
RJM	10-22-2009
SCALE	DATE ISSUED
1" = 50'	3-5-2010

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PROJECT TITLE  
**95 MT. READ BOULEVARD  
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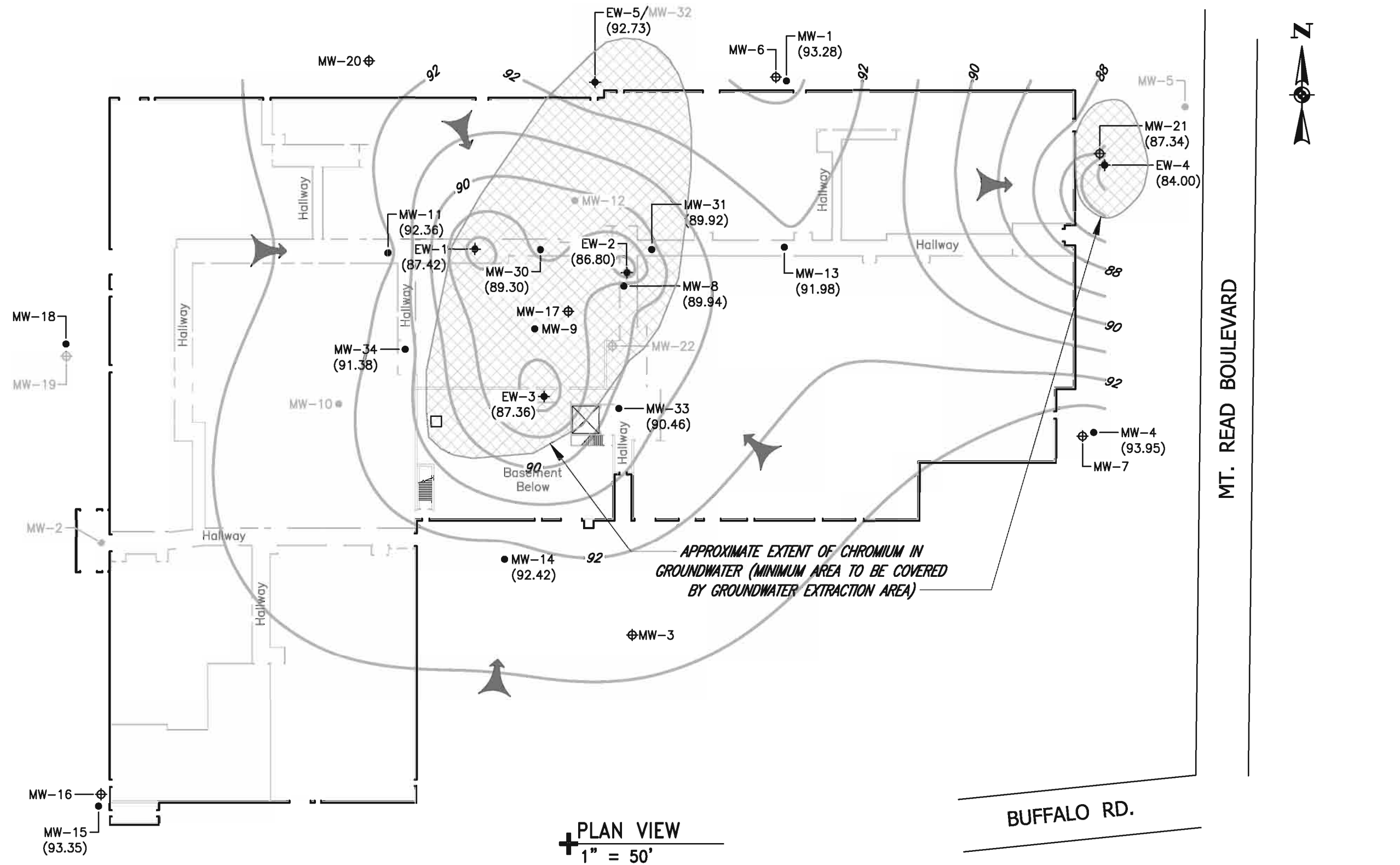
DRAWING TITLE  
**CONSTRUCTION COMPLETION REPORT**

PROJECT NO.  
 3681R-05

**FIGURE 5E**

Groundwater Potentiometric Contour Map For January 12, 2009





**PLAN VIEW**  
 1" = 50'

**NOTES:**

- Drawing produced from a drawing by The ERM Group, entitled "Figure 3-1; PCB, Asbestos & Sediment/Residue Sampling Locations", dated 11/20/1990; A blue line print by Miller-Anderson Architects, entitled "1st Floor Plan Details", date issued 3-3-2000; and from notes of site visits by representatives of Day Environmental, Inc.
- Monitoring Well MW-32 was converted to Extraction Well EW-5 on June 17, 2009.

**LEGEND:**

- EW-3 ◆ Groundwater Extraction Well Location With Groundwater Elevation Obtained On April 7, 2009 (87.36)
- MW-11 ● Overburden and/or Shallow Bedrock Monitoring Well Location (i.e. Bedrock Interface Well) With Groundwater Elevation Obtained On April 7, 2009 (92.36)
- MW-21 ⊕ Deep Bedrock Monitoring Well Location With Groundwater Elevation Obtained On April 7, 2009 (87.34)

- 92 — Potentiometric Contour Line For April 7, 2009 Created By Golden Software Inc. Surfer8 Program
- Apparent Direction Of Groundwater Flow
- ⊕ MW-5 ● Decommissioned Monitoring Well



FIELD VERIFIED BY	DATE
NES	4-2009
DRAWN BY	DATE DRAWN
RJM	10-23-2009
SCALE	DATE ISSUED
1" = 50'	3-5-2010

**day**  
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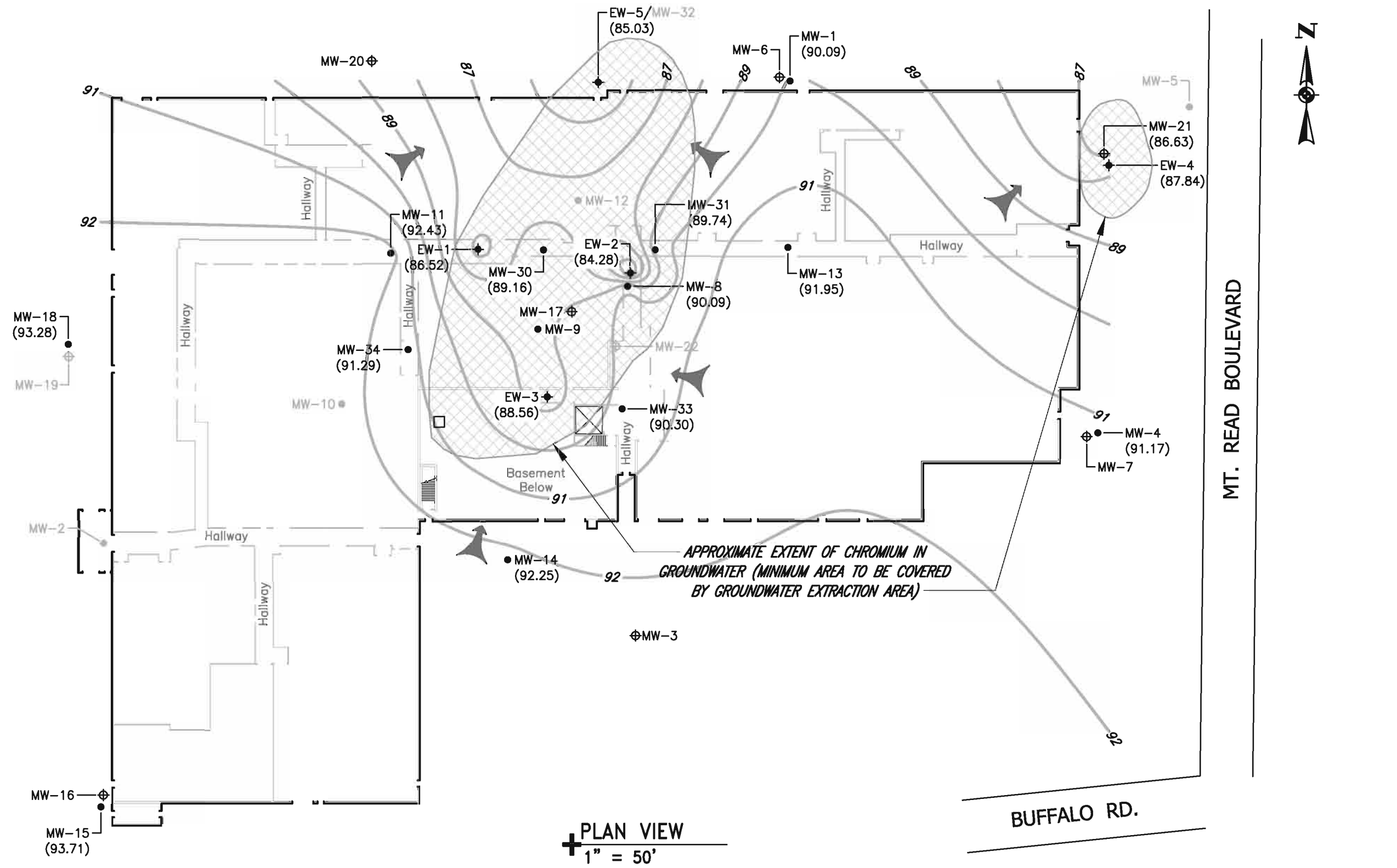
PROJECT TITLE  
**95 MT. READ BOULEVARD  
 ROCHESTER, NEW YORK**

DRAWING TITLE  
**CONSTRUCTION COMPLETION REPORT**

PROJECT NO.  
**3681R-05**

**Groundwater Potentiometric Contour Map For April 7, 2009**

**FIGURE 5F**



**PLAN VIEW**  
 1" = 50'

**NOTES:**

- Drawing produced from a drawing by The ERM Group, entitled "Figure 3-1; PCB, Asbestos & Sediment/Residue Sampling Locations", dated 11/20/1990; A blue line print by Miller-Anderson Architects, entitled "1st Floor Plan Details", date issued 3-3-2000; and from notes of site visits by representatives of Day Environmental, Inc.
- Monitoring Well MW-32 was converted to Extraction Well EW-5 on June 17, 2009.

**LEGEND:**

- EW-3 ◆ Groundwater Extraction Well Location With Groundwater Elevation Obtained On July 10, 2009 (87.84)
- MW-11 ● Overburden and/or Shallow Bedrock Monitoring Well Location (i.e. Bedrock Interface Well) With Groundwater Elevation Obtained On July 10, 2009 (92.43)
- MW-21 ⊕ Deep Bedrock Monitoring Well Location With Groundwater Elevation Obtained On July 10, 2009 (86.63)

- 92 — Potentiometric Contour Line For July 10, 2009 Created By Golden Software Inc. Surfer8 Program
- Apparent Direction Of Groundwater Flow
- ⊕ MW-5 ● Decommissioned Monitoring Well



FIELD VERIFIED BY	DATE
NES	07-2009
DRAWN BY	DATE DRAWN
RJM	10-23-2009
SCALE	DATE ISSUED
1" = 50'	3-5-2010

**day**  
**DAY ENVIRONMENTAL, INC.**  
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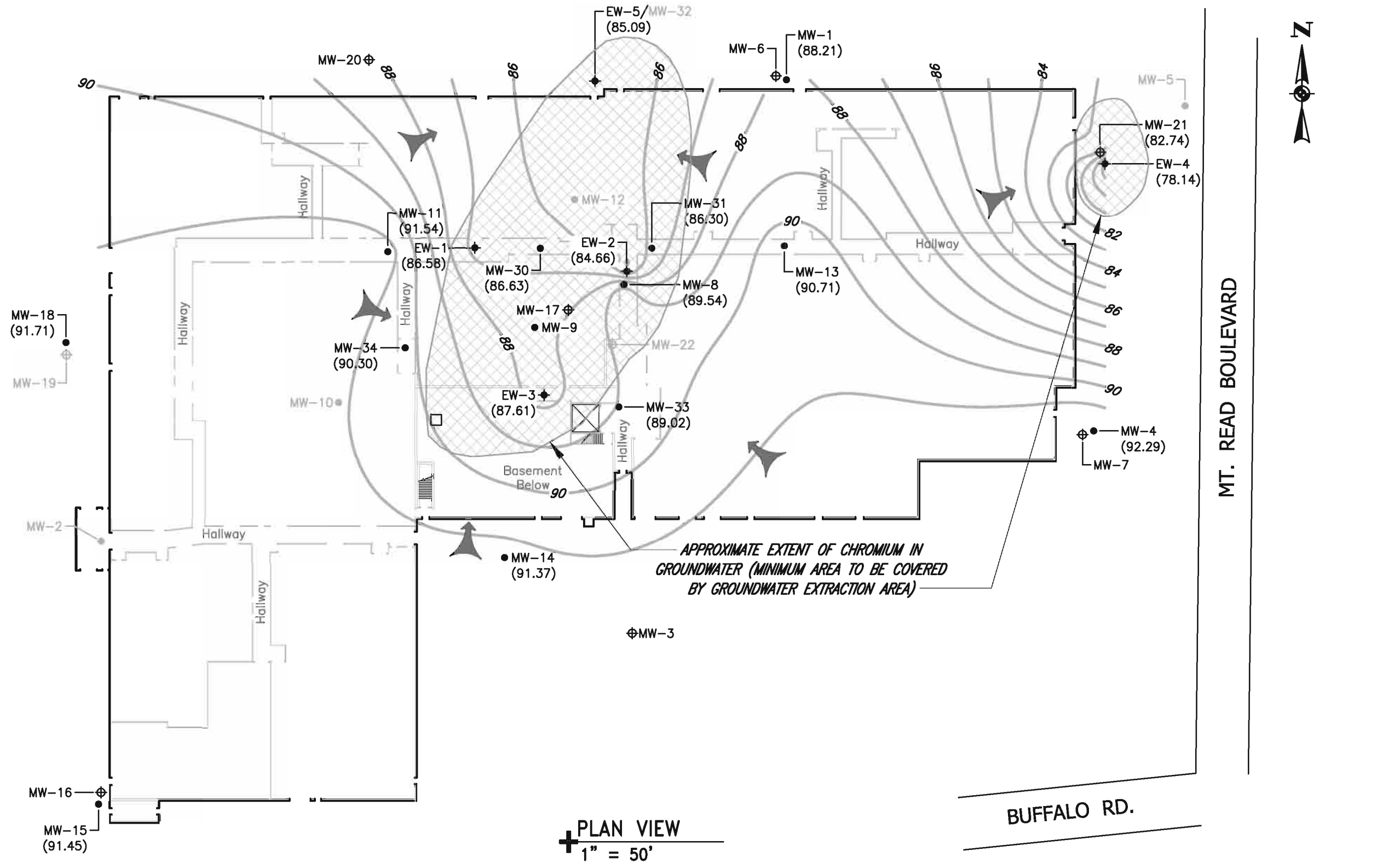
PROJECT TITLE  
**95 MT. READ BOULEVARD  
 ROCHESTER, NEW YORK**

DRAWING TITLE  
**CONSTRUCTION COMPLETION REPORT**

PROJECT NO.  
**3681R-05**

**FIGURE 5G**

Groundwater Potentiometric Contour Map For July 10, 2009



**PLAN VIEW**  
 1" = 50'

**NOTES:**

- Drawing produced from a drawing by The ERM Group, entitled "Figure 3-1; PCB, Asbestos & Sediment/Residue Sampling Locations", dated 11/20/1990; A blue line print by Miller-Anderson Architects, entitled "1st Floor Plan Details", date issued 3-3-2000; and from notes of site visits by representatives of Day Environmental, Inc.
- Monitoring Well MW-32 was converted to Extraction Well EW-5 on June 17, 2009.

**LEGEND:**

- EW-3 ◆ Groundwater Extraction Well Location With Groundwater Elevation Obtained On September 4, 2009 (87.61)
- MW-11 ● Overburden and/or Shallow Bedrock Monitoring Well Location (i.e. Bedrock Interface Well) With Groundwater Elevation Obtained On September 4, 2009 (91.54)
- MW-21 ⊕ Deep Bedrock Monitoring Well Location With Groundwater Elevation Obtained On September 4, 2009 (82.74)

- 92 — Potentiometric Contour Line For September 4, 2009 Created By Golden Software Inc. Surfer8 Program
- ➔ Apparent Direction Of Groundwater Flow
- MW-5 ● Decommissioned Monitoring Well



FIELD VERIFIED BY	DATE
NES	09-2009
DRAWN BY	DATE DRAWN
RJM	10-23-2009
SCALE	DATE ISSUED
1" = 50'	3-5-2010

**day**  
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 ROCHESTER, NEW YORK 14614-1008  
 NEW YORK, NEW YORK 10165-1617

PROJECT TITLE  
**95 MT. READ BOULEVARD  
 ROCHESTER, NEW YORK**

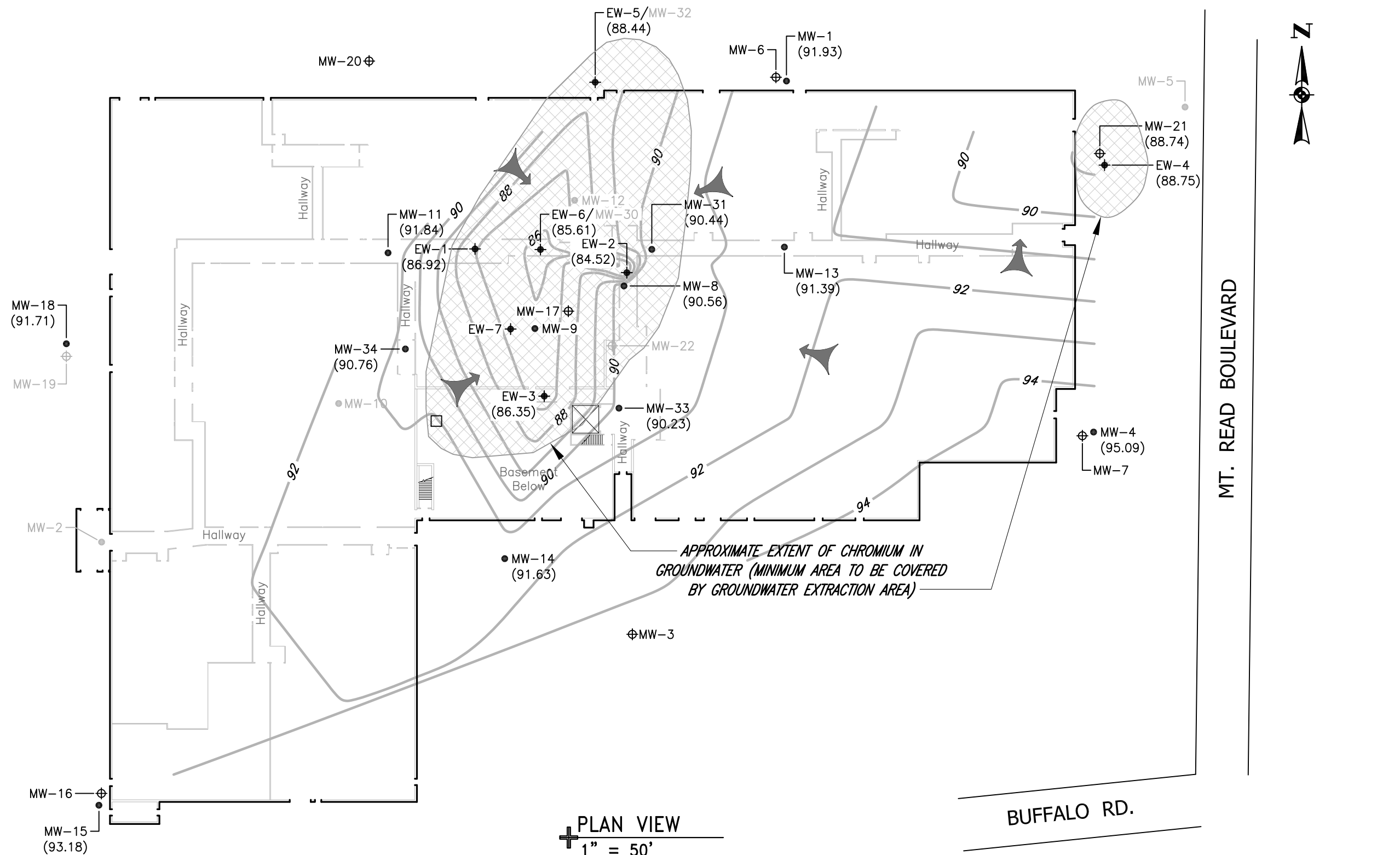
DRAWING TITLE  
**CONSTRUCTION COMPLETION REPORT**

PROJECT NO.  
**3681R-05**

Groundwater Potentiometric Contour Map For September 4, 2009

**FIGURE 5H**





DATE	5-29-2013
FIELD VERIFIED BY	NES
DATE DRAWN	8-26-2013
DRAWN BY	RJM
DATE ISSUED	8-26-2013
SCALE	1" = 50'

**day**  
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 ENVIRONMENTAL CONSULTANTS  
 ROCHESTER, NEW YORK 14606  
 NEW YORK, NEW YORK 10170

**PROJECT TITLE**  
 95 MT. READ BOULEVARD  
 ROCHESTER, NEW YORK

**DRAWING TITLE**  
 CONSTRUCTION COMPLETION REPORT

**PROJECT NO.**  
 3681R-05

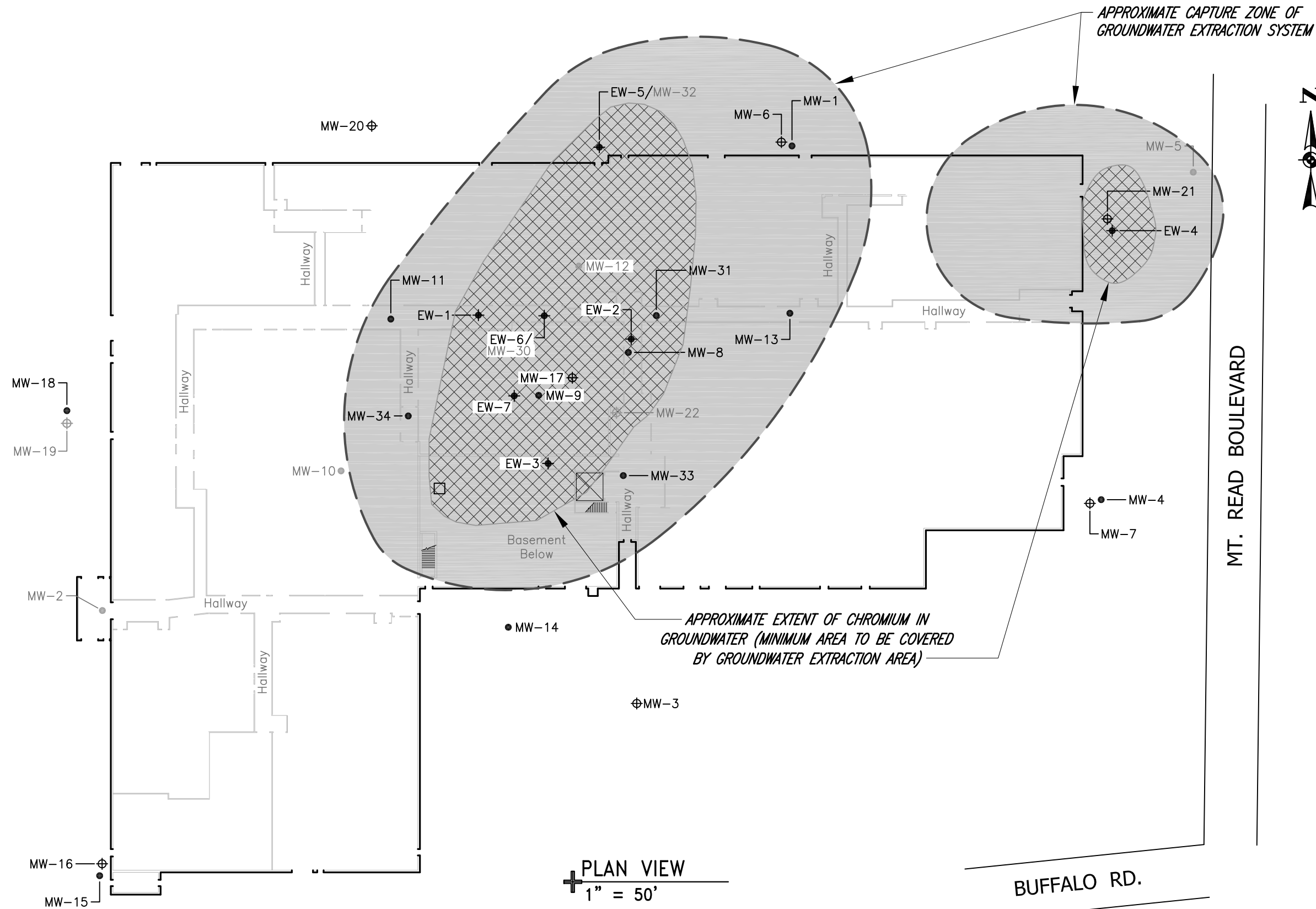
**DRAWING NO.**  
 Groundwater Potentiometric Contour Map For May 29, 2013

**FIGURE 51**

Ref1:  
Ref2:  
Ref3:

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Time Plotted: Wednesday, August 28, 2013 9:03:37 AM  
File Name: P:\Drawings\Maguire\3681R\CCR Aug 2013\Figure 6.dwg



FIELD VERIFIED BY	DATE
BFK	3-2010
DRAWN BY	DATE DRAWN
RJM/Tw	8-2013
SCALE	DATE ISSUED
1" = 50'	8-26-2013

**day**  
DAY ENVIRONMENTAL, INC.  
ENVIRONMENTAL CONSULTANTS  
ROCHESTER, NEW YORK 14606  
NEW YORK, NEW YORK 10170

PROJECT TITLE  
**95 MT. READ BOULEVARD  
ROCHESTER, NEW YORK**

CONSTRUCTION COMPLETION REPORT

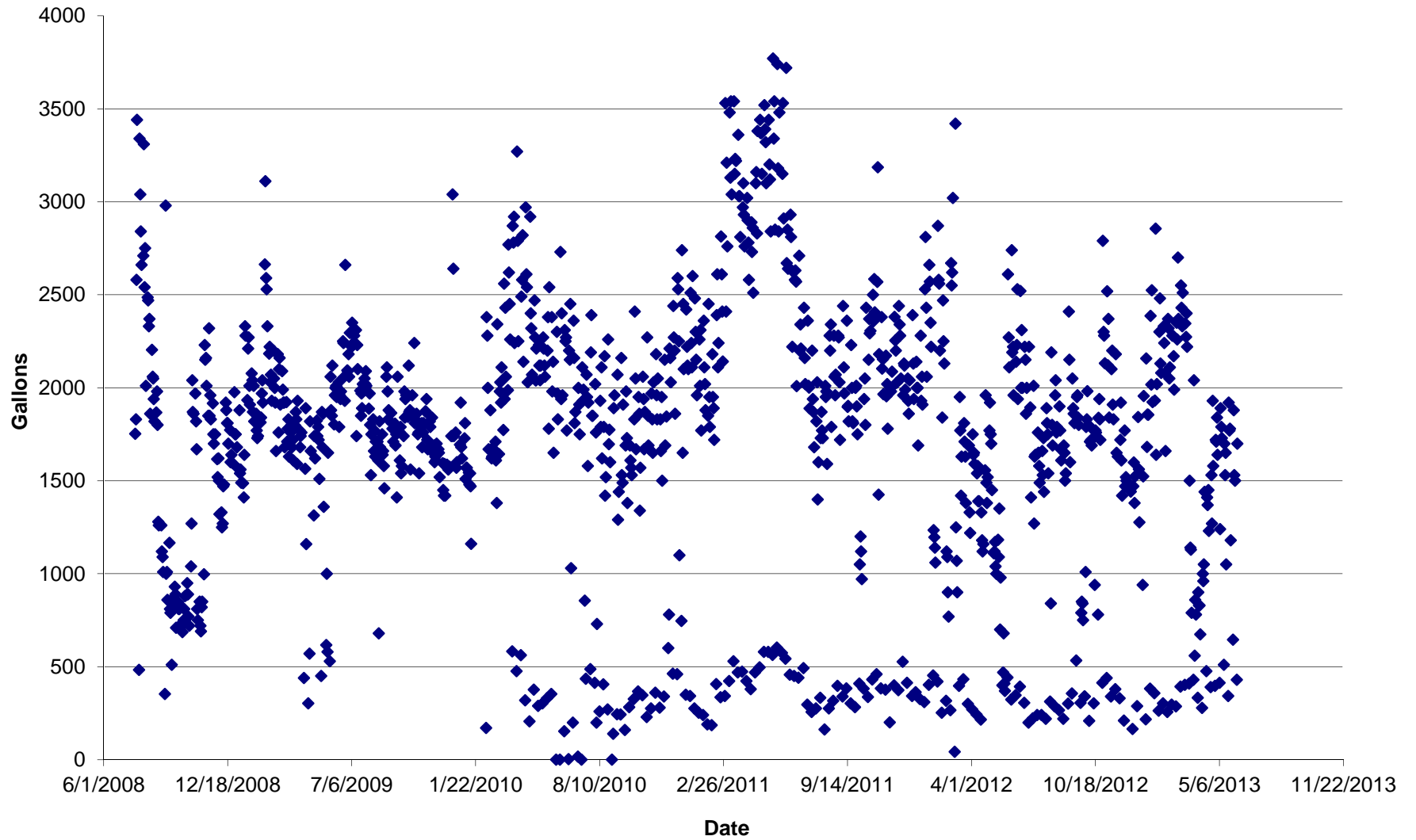
DRAWING TITLE  
**Approximate Capture Zone And Extent Of Chromium In Groundwater**

PROJECT NO.  
3681R-05

**FIGURE 6**



Figure 7: Gallons of Groundwater Treated per Day



## **TABLES**

**TABLE 1**

**Pre and Post Groundwater Extraction System Static Water Levels**

Well ID	Pre-Groundwater Extraction System SWLs <sup>1</sup>	Post-Groundwater Extraction System SWLs <sup>2</sup>	Difference Between Pre and Post Groundwater Extraction System SWLs
MW-1 <sup>3</sup>	7.11	7.29	0.19
MW-4 <sup>3</sup>	7.33	7.05	-0.27
MW-8	8.93	11.04	2.11
MW-11	7.83	8.47	0.64
MW-13	8.44	8.92	0.48
MW-14 <sup>3</sup>	9.75	9.69	-0.06
MW-15 <sup>3</sup>	10.47	10.59	0.12
MW-18 <sup>3,4</sup>	NC	9.32	Unknown
MW-21	9.71	13.19	3.48
MW-30	8.90	12.13	3.23
MW-31	9.12	12.35	3.23
MW-32 <sup>6</sup>	7.23	8.04	0.81
MW-33	9.51	10.78	1.27
MW-34	9.19	9.87	0.68
EW-1 <sup>5</sup>	8.48	14.15	5.67
EW-2 <sup>5</sup>	8.55	14.03	5.48
EW-3 <sup>5</sup>	10.38	13.44	3.07
EW-4 <sup>5</sup>	8.82	15.90	7.08
EW-5 <sup>5,7</sup>	7.23	13.79	6.56
EW-6 <sup>5,8</sup>	8.90	15.02	6.12
EW-7 <sup>5,9</sup>	NC	15.02	Unknown

**Notes**

SWL = Static Water Level (feet below top of riser)

**1)** The pre-groundwater extraction system SWLs are an average calculated from measurements collected on: 6/3/08, 7/18/08 and 7/21/08.

**2)** The post-groundwater extraction system SWLs are an average calculated from measurements collected on: 7/22/08, 7/23/08, 7/24/08, 7/25/08, 7/28/08, 8/1/08, 8/4/08, 8/8/08, 8/12/08, 8/27/08, 9/3/08, 9/10/08, 9/25/08, 10/9/08, 10/15/08, 10/22/08, 11/6/08, 11/11/08, 11/19/08, 11/25/08, 12/12/08, 12/19/08, 1/8/09, 1/12/09, 1/20/09, 2/6/09, 2/9/09, 2/20/09, 2/27/09, 3/7/09, 3/20/09, 4/1/09, 4/7/09, 5/21/09, 5/28/09, 6/5/09, 6/12/09, 6/19/09, 6/25/09, 7/10/09, 7/17/09, 8/17/09, 9/4/09, 10/23/09, 11/24/09, 12/7/09, 1/14/10, 2/18/10, 3/29/10, 6/15/10, 9/20/10, 6/15/11, 12/19/11, 12/23/11, 8/6/12, 12/19/12 and 5/29/13.

**3)** Monitoring wells MW-1, MW-4, MW-14, MW-15 and MW-18 are perimeter (background) wells. As such, it was not anticipated that the groundwater extraction system's radius of influence would extend to these locations.

**4)** Monitoring well MW-18 was not located until May 2009. As such, pre-groundwater extraction system SWLs are not available. The post-groundwater extraction system SWL is an average calculated from measurements collected between 5/21/09 and 9/4/09.

**5)** The indicated post-groundwater extraction SWL is the depth in which the static water level probe could not be advanced any further due to obstruction caused by the submersible pump. As such, the actual groundwater depression at this location is greater than the value reported on the table.

**6)** Monitoring well MW-32 was converted to extraction well EW-5 on 6/17/09. As such, the post-groundwater extraction system SWL is an average calculated from measurements collected between 7/22/09 and 6/12/09.

**7)** Extraction well EW-5 became operational on 6/17/09. As such, the post-groundwater extraction system SWL is an average calculated after 6/17/09.

**8)** Monitoring well MW-30 was converted to extraction well EW-6 on 12/14/12. As such, the post-groundwater extraction system SWL is an average calculated from measurements collected after 12/14/12.

**9)** Extraction well EW-7 was installed on 11/14/12 and became operational on 1/22/13. As such, the post-groundwater extraction system SWL (data pending) is an average calculated from measurements collected after 1/22/13.

TABLE 2

Detected Volatile Organic Compounds (VOCs), Total Chromium and Hexavalent Chromium in Micrograms Per Liter (ug/L) or Parts Per Billion (PPB)

Groundwater Samples

DETECTED VOCs (ug/L)	CAPTURE ZONE WELL LOCATIONS																				NYSDEC TOGS 1.1.1 Groundwater Standard or Guidance Value <sup>(1)</sup>
	MW-8										MW-11										
	6/6/2008	9/5/2008	8/6/2009	12/9/2009	3/30/2010	6/15/2010	9/21/2010	6/15/2011	8/7/2012	5/7/2013	6/6/2008	8/19/2008	8/6/2009	12/9/2009	3/30/2010	6/15/2010	9/21/2010	6/15/2011	8/7/2012	5/7/2013	
1,1-dichloroethane	ND [200]	ND [20]	NT	ND [5]	ND [5]	ND [5]	ND [10]	ND [10]	ND [10]	ND [10]	5.19	5.54	NT	6.26	5.82	5.38	6.47	5.04	5.17	4.63	5
1,2-dichloroethane	ND [200]	ND [20]	NT	ND [5]	ND [5]	ND [5]	ND [10]	ND [10]	ND [10]	ND [10]	ND [2]	ND [2]	NT	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	0.6
1,1-dichloroethene	ND [200]	ND [20]	NT	ND [5]	ND [5]	ND [5]	ND [10]	ND [10]	ND [10]	ND [10]	7.9	7.48	NT	14	11.9	11.5	7.44	5.68	2.91	5.3	5
Chloroform	ND [200]	ND [20]	NT	ND [5]	ND [5]	ND [5]	ND [10]	ND [10]	ND [10]	ND [10]	ND [2]	ND [2]	NT	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	7
cis-1,2-dichloroethene	ND [200]	45.1	NT	11.0	9.4	6.12	11.10	ND [10]	12.4	ND [10]	17.7	16.9	NT	22.7	22.3	25	23.8	35.30	18.50	13.5	5
trans-1,2-dichloroethene	ND [200]	22.6	NT	ND [5]	ND [5]	ND [5]	ND [10]	ND [10]	ND [10]	ND [10]	ND [2]	3.30	NT	4.83	2.78	3.07	2.68	3.52	2.25	2.11	5
tetrachloroethene	1,140	762	NT	396	395	448	668	1,030	762	888	ND [2]	ND [2]	NT	47.8	3.38	3.85	2.68	2.22	ND [2]	ND [2]	5
trichloroethene	372	334	NT	118	116	128	163	171	139	124	6.23	5.57	NT	9.08	8.65	8.47	6.47	5.99	2.1	4.6	5
vinyl chloride	ND [200]	ND [20]	NT	ND [5]	ND [5]	ND [5]	ND [10]	ND [10]	ND [10]	ND [10]	ND [2]	ND [2]	NT	ND [2]	ND [2]	ND [2]	ND [2]	5.71	14.8	9.79	2
trichlorofluoromethane	ND [200]	ND [20]	NT	ND [5]	ND [5]	ND [5]	ND [10]	ND [10]	ND [10]	ND [10]	ND [2]	ND [2]	NT	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	5
1,2-dichloropropane	ND [200]	ND [20]	NT	ND [5]	ND [5]	ND [5]	ND [10]	ND [10]	ND [10]	ND [10]	ND [2]	ND [2]	NT	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	1
Total VOCs	1,512	1,163.7	NT	525.0	520.4	582.12	842.10	1201	913	1012	37.02	38.79	NT	104.67	54.83	57.27	49.54	63.46	45.73	39.93	NA
<b>Chromium (ug/L)</b>																					
Hexavalent Chromium	NT	NT	70	5,270	14,100	10,300	7,000	7,000	3,810	2,580	NT	NT	ND [20]	ND [10]	ND [10]	ND [10]	ND [20]	ND [10]	ND [10]	ND [10]	50
Total Chromium	NT	19,300	10,500	5,270*	14,100	10,600	7,400	7,000*	3810*	3,070	NT	ND [10]	ND [20]	ND [10]	ND [10]	ND [10]	ND [10]	ND [10]	ND [10]	664	50

DETECTED VOCs (ug/L)	CAPTURE ZONE WELL LOCATIONS																				NYSDEC TOGS 1.1.1 Groundwater Standard or Guidance Value <sup>(1)</sup>
	MW-13										MW-21										
	6/6/2008	8/19/2008	8/6/2009	12/9/2009	3/30/2010	6/15/2010	9/21/2010	6/15/2011	8/7/2012	5/7/2013	6/6/2008	8/19/2008	8/11/2009	12/9/2009	3/30/2010	6/15/2010	9/21/2010	6/15/2011	8/7/2012	5/7/2013	
1,1-dichloroethane	ND [2]	ND [2]	NT	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	NT	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	5
1,2-dichloroethane	ND [2]	ND [2]	NT	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	NT	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	0.6
1,1-dichloroethene	ND [2]	ND [2]	NT	ND [2]	2.85	2.5	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	NT	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	5
Chloroform	ND [2]	ND [2]	NT	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	NT	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	2.9	7
cis-1,2-dichloroethene	131	103	NT	36.3	96.2	79.4	21.9	63.6	18.9	84.3	ND [2]	ND [2]	NT	60.5	24.5	33.6	62.7	46.4	9.81	ND [2]	5
trans-1,2-dichloroethene	6.99	10.5	NT	14.2	14.6	12.7	16.8	11.8	14.8	8.9	ND [2]	ND [2]	NT	3.93	3.12	3.67	4.05	4.37	ND [2]	ND [2]	5
tetrachloroethene	ND [2]	5.56	NT	7.43	4.42	4.82	7.52	4.6	4.42	2.32	ND [2]	ND [2]	NT	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	5
trichloroethene	14.9	23.5	NT	22.3	20.5	21.8	32	20.7	28.4	14.2	ND [2]	ND [2]	NT	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	5
vinyl chloride	ND [2]	ND [2]	NT	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	NT	25.6	12	30	33.6	35.4	14.7	ND [2]	2
trichlorofluoromethane	ND [2]	ND [2]	NT	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	NT	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	5
1,2-dichloropropane	ND [2]	ND [2]	NT	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	NT	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	1
Total VOCs	152.89	142.56	NT	80.23	138.57	121.22	78.22	100.70	66.52	109.72	0	0	NT	90.03	39.62	67.27	100.35	86.17	24.51	2.90	NA
<b>Chromium (ug/L)</b>																					
Hexavalent Chromium	NT	NT	ND [20]	ND [10]	ND [10]	ND [10]	ND [20]	ND [10]	ND [10]	ND [10]	NT	NT	ND [20]	ND [10]	ND [10]	ND [10]	ND [20]	ND [10]	ND [10]	ND [10]	50
Total Chromium	NT	ND [10]	ND [10]	ND [10]	ND [10]	ND [10]	ND [10]	ND [10]	ND [10]	ND [10]	NT	ND [10]	ND [10]	ND [10]	ND [10]	ND [10]	ND [10]	ND [10]	ND [10]	ND [10]	50

Notes

(1)= Groundwater standard or guidance value as referenced in NYSDEC TOGS 1.1.1 dated June 1998 as amended by the NYSDEC's supplemental table dated April 2000.

Test results and groundwater standards or guidance values in ug/L (i.e., parts per billion).

34,100 = Constituent concentration exceeds NYSDEC TOGS 1.1.1 Standard or Guidance Value.

ND [2] = Constituent not detected at a concentration exceeding the detection limit utilized by the analytical laboratory. [2] detection limit utilized by the analytical laboratory.

NT = Constituent not tested by an analytical laboratory

NA = Groundwater standard or guidance value not available.

E = Result has been estimated, analytical laboratory calibration limit exceeded.

NYSDEC = New York State Department of Environmental Conservation

VOC = Volatile Organic Compound

H = sample analyzed outside of holding time

\* = Reported analytical laboratory concentration for hexavalent chromium exceeded reported total chromium concentration; assumed total chromium concentration was equal to reported hexavalent chromium concentration.

TABLE 2

Detected Volatile Organic Compounds (VOCs), Total Chromium and Hexavalent Chromium in Micrograms Per Liter (ug/L) or Parts Per Billion (PPB)

Groundwater Samples

DETECTED VOCs (ug/L)	CAPTURE ZONE WELL LOCATIONS																				NYSDEC TOGS 1.1.1 Groundwater Standard or Guidance Value <sup>(1)</sup>	
	MW-30										MW-31							MW-32 <sup>(2)</sup>				
	6/6/2008	8/19/2008	8/6/2009	12/9/2009	3/30/2010	6/15/2010	9/21/2010	6/15/2011	8/7/2012	6/6/2008	8/19/2008	8/6/2009	12/9/2009	3/30/2010	6/15/2010	9/21/2010	6/15/2011	8/7/2012	5/7/2013	6/6/2008		8/19/2008
1,1-dichloroethane	ND [10,000]	ND [1,000]	NT	ND [10,000]	ND [10,000]	ND [10,000]	ND [10,000]	ND [1,000]	ND [1000]	ND [10]	ND [2]	NT	ND [2]	ND [2]	ND [4]	ND [20]	ND [10]	ND [4]	ND [2]	ND [2]	ND [2]	5
1,2-dichloroethane	ND [10,000]	ND [1,000]	NT	ND [10,000]	ND [10,000]	ND [10,000]	ND [10,000]	ND [1,000]	ND [1000]	ND [10]	ND [2]	NT	ND [2]	ND [2]	ND [4]	ND [20]	ND [10]	ND [4]	ND [2]	ND [2]	ND [2]	0.6
1,1-dichloroethene	ND [10,000]	ND [1,000]	NT	ND [10,000]	ND [10,000]	ND [10,000]	ND [10,000]	ND [1,000]	ND [1000]	ND [10]	ND [2]	NT	ND [2]	ND [2]	ND [4]	ND [20]	ND [10]	ND [4]	ND [2]	ND [2]	ND [2]	5
Chloroform	ND [10,000]	ND [1,000]	NT	ND [10,000]	ND [10,000]	ND [10,000]	ND [10,000]	ND [1,000]	ND [1000]	ND [10]	ND [2]	NT	ND [2]	ND [2]	ND [4]	ND [20]	ND [10]	ND [4]	ND [2]	ND [2]	ND [2]	7
cis-1,2-dichloroethene	ND [10,000]	3,410	NT	ND [10,000]	ND [10,000]	ND [10,000]	ND [10,000]	ND [1,000]	ND [1000]	ND [10]	41.5	NT	15.4	19.2	34.9	59.5	27.3	60.5	27.4	ND [2]	ND [2]	5
trans-1,2-dichloroethene	ND [10,000]	ND [1,000]	NT	ND [10,000]	ND [10,000]	ND [10,000]	ND [10,000]	ND [1,000]	ND [1000]	ND [10]	5.2	NT	8.83	7.9	7.75	ND [20]	ND [10]	4.6	4.24	ND [2]	ND [2]	5
tetrachloroethene	34,100	19,700	NT	109,000	86,200	80,200	89,900	73,800	59,900	289	204	NT	279	238	270	1,840	342	328	167	ND [2]	ND [2]	5
trichloroethene	ND [10,000]	7,190	NT	10,400	12,100	14,000	13,900	10,900	8,230	113	97.7	NT	98.9	86.7	109	788	93.2	109	54.4	ND [2]	ND [2]	5
vinyl chloride	ND [10,000]	ND [1,000]	NT	ND [10,000]	ND [10,000]	ND [10,000]	ND [10,000]	ND [1,000]	ND [1000]	ND [10]	2.13	NT	ND [2]	2.77	6.82	ND [20]	ND [10]	34	15.2	ND [2]	ND [2]	2
trichlorofluoromethane	ND [10,000]	ND [1,000]	NT	11,900	ND [10,000]	ND [10,000]	ND [10,000]	ND [1,000]	ND [1000]	ND [10]	ND [2]	NT	ND [2]	ND [2]	ND [4]	ND [20]	ND [10]	ND [4]	ND [2]	ND [2]	ND [2]	5
1,2-dichloropropane	ND [10,000]	ND [1,000]	NT	ND [10,000]	ND [10,000]	ND [10,000]	ND [10,000]	ND [1,000]	ND [1000]	ND [10]	4.43	NT	2.38	2.52	ND [4]	ND [20]	ND [10]	ND [4]	ND [2]	ND [2]	ND [2]	1
Total VOCs	34,100	30,300	NT	131,300	98,300	94,200	103,800	84,700	68,130	402	354.96	NT	404.51	357.09	428.47	2687.50	462.50	536.10	268.24	0	0	NA
<b>Chromium (ug/L)</b>																						
Hexavalent Chromium	NT	NT	ND [20]	ND [10]	ND [10]	ND [10]	ND [20]	ND [10]	ND [10]	NT	NT	180	96	337	205	410 H	155	33	22	NT	NT	50
Total Chromium	NT	311	19	62	13	ND [10]	19	12	15	NT	1,580	960	277	1,910	1,030	4,600	437	1,490	22*	NT	5,220	50

DETECTED VOCs (ug/L)	CAPTURE ZONE WELL LOCATIONS																				NYSDEC TOGS 1.1.1 Groundwater Standard or Guidance Value <sup>(1)</sup>	
	MW-33										MW-34											
	6/6/2008	8/19/2008	8/6/2009	12/9/2009	3/30/2010	6/15/2010	9/21/2010	6/15/2011	8/7/2012	5/7/2013	6/6/2008	8/19/2008	8/6/2009	12/9/2009	3/30/2010	6/15/2010	9/21/2010	6/15/2011	8/7/2012	5/7/2013		
1,1-dichloroethane	ND [200]	ND [2]	NT	13.4	10.5	15.5	11.8	13.6	20.0	18.2	ND [100]	21	NT	28.5	18.2	37.4	28.0	27.7	26.2	23.0	5	
1,2-dichloroethane	ND [200]	3.50	NT	ND [2]	2.90	ND [2]	3.50	2.81	ND [2]	ND [2]	ND [100]	ND [20]	NT	ND [5]	ND [5]	ND [5]	ND [10]	ND [5]	ND [4]	ND [4]	0.6	
1,1-dichloroethene	ND [200]	7.81	NT	3.10	3.25	4.41	2.47	2.95	2.78	3.59	ND [100]	ND [20]	NT	8.73	14.40	6.96	14.80	7.36	ND [10]	ND [4]	5	
Chloroform	ND [200]	ND [2]	NT	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [100]	ND [20]	NT	ND [5]	ND [5]	ND [5]	ND [10]	ND [5]	ND [10]	ND [4]	7	
cis-1,2-dichloroethene	1,970	640 E	NT	14.2	76.3	84.5	47.1	25.5	8.0	7.37	1,680	960	NT	428	566	341	937	491	684	297	5	
trans-1,2-dichloroethene	ND [200]	6.36	NT	ND [2]	4.85	2.4	3.22	2.64	ND [2]	ND [2]	149	33.0	NT	17.7	29.7	23.3	67.4	35.1	31.0	9.0	5	
tetrachloroethene	2,950	168	NT	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	2	ND [2]	328	ND [20]	NT	5.51	6.28	ND [5]	15.20	ND [5]	ND [10]	ND [4]	5	
trichloroethene	954	57.5	NT	ND [2]	ND [2]	2.52	2.3	ND [2]	3.61	2.41	460	28.4	NT	12.3	14.1	8.1	35.5	7.04	12.00	ND [4]	5	
vinyl chloride	ND [200]	15.9	NT	ND [2]	3.61	7.66	4	ND [2]	ND [2]	ND [2]	563	373	NT	403	167	323	473	377	313	66	2	
trichlorofluoromethane	ND [200]	ND [2]	NT	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [100]	ND [20]	NT	ND [5]	ND [5]	ND [5]	ND [10]	ND [5]	ND [10]	ND [4]	5	
1,2-dichloropropane	ND [200]	ND [2]	NT	ND [2]	ND [2]	2.47	2.34	ND [2]	3.32	ND [2]	ND [100]	ND [20]	NT	ND [5]	ND [5]	ND [5]	ND [10]	ND [5]	ND [10]	ND [4]	1	
Total VOCs	5,874	899	NT	30.70	101.41	119.46	76.73	47.50	39.90	31.57	3,180	1,415.5	NT	903.74	815.68	739.79	1570.90	945.20	1066.20	395.10	NA	
<b>Chromium (ug/L)</b>																						
Hexavalent Chromium	NT	NT	ND [20]	ND [10]	ND [10]	ND [10]	ND [20] H	ND [10]	ND [10]	ND [10]	NT	NT	ND [20]	ND [10]	ND [10]	ND [10]	ND [20]	ND [10]	ND [10]	ND [10]	50	
Total Chromium	NT	24	ND [10]	ND [10]	ND [10]	ND [10]	ND [10]	ND [10]	ND [10]	ND [10]	NT	11	ND [10]	ND [10]	ND [10]	ND [10]	32	ND [10]	1950	ND [10]	50	

Notes

(1)= Groundwater standard or guidance value as referenced in NYSDEC TOGS 1.1.1 dated June 1998 as amended by the NYSDEC's supplemental table dated April 2000.

(2) = Monitoring Well MW-32 was converted to Extraction Well EW-5 on June 17, 2009.

Test results and groundwater standards or guidance values in ug/L (i.e., parts per billion).

ND [2] = Constituent not detected at a concentration exceeding the detection limit utilized by the analytical laboratory. [2] detection limit utilized by the analytical laboratory.

34,100 = Constituent concentration exceeds NYSDEC TOGS 1.1.1 Standard or Guidance Value

E = Result has been estimated, analytical laboratory calibration limit exceeded.

NT = Constituent not tested by an analytical laboratory.

NYSDEC = New York State Department of Environmental Conservation

VOC = Volatile Organic Compound

NA = Groundwater standard or guidance value not available.

TABLE 2

Detected Volatile Organic Compounds (VOCs), Total Chromium and Hexavalent Chromium in Micrograms Per Liter (ug/L) or Parts Per Billion (PPB)

Groundwater Samples

DETECTED VOCs (ug/L)	PERIMETER WELL LOCATIONS (OUTSIDE CAPTURE ZONE)																			NYSDEC TOGS 1.1.1 Groundwater Standard or Guidance Value <sup>(1)</sup>
	MW-1										MW-4									
	6/6/2008	8/19/2008	8/11/2009	12/9/2009	3/30/2010	6/15/2010	9/21/2010	6/15/2011	8/17/2012	5/7/2013	6/6/2008	8/19/2008	8/11/2009	12/8/2009	3/30/2010	6/15/2010	9/21/2010	6/15/2011	8/17/2012	
1,1-dichloroethane	ND [2]	ND [2]	NT	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	NT	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	5
1,2-dichloroethane	ND [2]	ND [2]	NT	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	NT	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	0.6
1,1-dichloroethene	ND [2]	ND [2]	NT	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	NT	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	5
Chloroform	ND [2]	ND [2]	NT	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	NT	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	7
cis-1,2-dichloroethene	ND [2]	ND [2]	NT	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	NT	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	5
trans-1,2-dichloroethene	ND [2]	ND [2]	NT	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	NT	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	5
tetrachloroethene	ND [2]	ND [2]	NT	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	NT	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	5
trichloroethene	ND [2]	ND [2]	NT	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	NT	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	5
vinyl chloride	ND [2]	ND [2]	NT	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	NT	2.03	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	2
trichlorofluoromethane	ND [2]	ND [2]	NT	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	NT	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	5
1,2-dichloropropane	ND [2]	ND [2]	NT	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	NT	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	1
Total VOCs	0	0	NT	0	0	0	0	0	0	0	0	0	NT	2.03	0	0	0	0	0	NA
<b>Chromium (ug/L)</b>																				
Hexavalent Chromium	NT	NT	ND [20]	ND [10]	ND [10]	ND [10]	ND [20]	ND [10]	ND [10]	ND [10]	NT	NT	ND [20]	ND [10]	ND [10]	ND [20]	ND [10]	ND [10]	ND [20]	50
Total Chromium	NT	ND [10]	ND [10]	ND [10]	ND [10]	ND [10]	ND [10]	ND [10]	ND [10]	ND [10]	NT	ND [10]	ND [10]	ND [10]	ND [10]	ND [10]	ND [10]	ND [10]	ND [10]	50

DETECTED VOCs (ug/L)	PERIMETER WELL LOCATIONS (OUTSIDE CAPTURE ZONE)																			NYSDEC TOGS 1.1.1 Groundwater Standard or Guidance Value <sup>(1)</sup>
	MW-14										MW-15									
	6/6/2008	8/19/2008	8/11/2009	12/8/2009	3/30/2010	6/15/2010	9/21/2010	6/15/2011	8/7/2012	5/7/2013	6/6/2008	8/19/2008	8/11/2009	12/8/2009 <sup>(2)</sup>	3/30/2010	6/15/2010	9/21/2010	6/15/2011	8/7/2012	
1,1-dichloroethane	ND [2]	2.01	NT	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	NT	NT	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	5
1,2-dichloroethane	ND [2]	ND [2]	NT	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	NT	NT	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	0.6
1,1-dichloroethene	ND [2]	ND [2]	NT	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	NT	NT	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	5
Chloroform	ND [2]	ND [2]	NT	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	NT	NT	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	7
cis-1,2-dichloroethene	21.4	33.9	NT	ND [2]	ND [2]	21.3	5.39	38.9	ND [2]	ND [2]	ND [2]	ND [2]	NT	NT	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	5
trans-1,2-dichloroethene	ND [2]	ND [2]	NT	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	NT	NT	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	5
tetrachloroethene	ND [2]	ND [2]	NT	ND [2]	2.54	ND [2]	2.35	ND [2]	3.47	ND [2]	ND [2]	4.75	NT	NT	3.34	3.89	5.66	3.85	4.85	2.28
trichloroethene	ND [2]	ND [2]	NT	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	2.41	NT	NT	2.01	3.07	ND [2]	2.36	ND [2]	5
vinyl chloride	17.7	24.0	NT	ND [2]	ND [2]	25.2	ND [2]	29.9	ND [2]	ND [2]	ND [2]	ND [2]	NT	NT	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	2
trichlorofluoromethane	ND [2]	ND [2]	NT	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	NT	NT	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	5
1,2-dichloropropane	ND [2]	ND [2]	NT	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	NT	NT	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	1
Total VOCs	39.1	59.9	NT	0	2.54	46.5	7.74	68.80	3.47	0	0	7.16	NT	NT	3.34	5.90	8.73	3.85	7.21	2.28
<b>Chromium (ug/L)</b>																				
Hexavalent Chromium	NT	NT	ND [20]	ND [10]	ND [10]	ND [10]	ND [20]	ND [10]	ND [10]	ND [10]	NT	NT	ND [20]	NT	ND [10]	ND [10]	ND [20]	ND [10]	ND [12]	ND [10]
Total Chromium	NT	18	21	ND [10]	ND [10]	ND [10]	ND [10]	ND [10]	ND [10]	ND [10]	NT	49	21	NT	26	ND [10]	51	ND [10]	43	14.3

Notes

(1)= Groundwater standard or guidance value as referenced in NYSDEC TOGS 1.1.1 dated June 1998 as amended by the NYSDEC's supplemental table dated April 2000.

(2) Groundwater was not detected in the monitoring well during the sampling event.

Test results and groundwater standards or guidance values in ug/L (i.e., parts per billion).

ND [2] = Constituent not detected at a concentration exceeding the detection limit utilized by the analytical laboratory. [2] detection limit utilized by the analytical laboratory.

34,100 = Constituent concentration exceeds NYSDEC TOGS 1.1.1 Standard or Guidance Value

NYSDEC = New York State Department of Environmental Conservation

NA = Groundwater standard or guidance value not available.

VOC = Volatile Organic Compound

H = sample analyzed outside of holding time

NT = Constituent not tested by an analytical laboratory.

TABLE 2

**Detected Volatile Organic Compounds (VOCs), Total Chromium and Hexavalent Chromium in Micrograms Per Liter (ug/L) or Parts Per Billion (PPB)  
Groundwater Samples**

DETECTED VOCs (ug/L)	PERIMETER WELL LOCATIONS (OUTSIDE CAPTURE ZONE)								NYSDEC TOGS 1.1.1 Groundwater Standard or Guidance Value <sup>(1)</sup>
	MW-18								
	8/11/2009	12/8/2009	3/30/2010	6/15/2010	9/21/2010	6/15/2011	8/7/2012	5/7/2013	
1,1-dichloroethane	NT	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	5
1,2-dichloroethane	NT	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	0.6
1,1-dichloroethene	NT	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	5
Chloroform	NT	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	7
cis-1,2-dichloroethene	NT	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	5
trans-1,2-dichloroethene	NT	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	5
tetrachloroethene	NT	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	5
trichloroethene	NT	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	5
vinyl chloride	NT	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	2
Trichlorofluoromethane	NT	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	5
1,2-dichloropropane	NT	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	1
Total VOCs	NT	0	0	0	0	0	0	0	NA
<b>Chromium (ug/L)</b>									
Hexavalent Chromium	190	ND [10]	ND [10]	ND [10]	ND [20]	ND [10]	ND [10]	ND [10]	50
Total Chromium	190*	ND [10]	ND [10]	ND [10]	ND [10]	ND [10]	ND [10]	ND [10]	50

**Notes**

(1)= Groundwater standard or guidance value as referenced in NYSDEC TOGS 1.1.1 dated June 1998 as amended by the NYSDEC's supplemental table dated April 2000.

Test results and groundwater standards or guidance values in ug/L (i.e., parts per billion).

ND [2] = Constituent not detected at a concentration exceeding the detection limit utilized by the analytical laboratory. [2] detection limit utilized by the analytical laboratory.

190 = Constituent concentration exceeds NYSDEC TOGS 1.1.1 Standard or Guidance Value

NYSDEC = New York State Department of Environmental Conservation

NA = Groundwater standard or guidance value not available.

NT = Constituent not tested by an analytical laboratory.

\* = Reported analytical laboratory concentration for hexavalent chromium exceeded reported total chromium concentration; assumed total chromium concentration was equal to reported hexavalent chromium concentration.

TABLE 3

Detected Volatile Organic Compounds (VOCs), Total Chromium and Hexavalent Chromium in Micrograms per Liter (ug/L) or Parts Per Billion (PPB)

Groundwater Samples

Detected VOCs (ug/L)	GROUNDWATER EXTRACTION WELLS																				NYSDEC TOGS 1.1.1 Groundwater Standard or Guidance Value <sup>(1)</sup>		
	EW-1										EW-2												
	10/21/2008	8/11/2009	12/8/2009	3/30/2010	6/15/2010	9/21/2010	6/15/2011	12/21/2011	8/7/2012	12/19/2012	5/7/2013	10/21/2008	8/11/2009	12/8/2009	3/30/2010	6/15/2010	9/21/2010	6/15/2011	12/21/2011	8/7/2012		12/19/2012	5/7/2013
1,1-dichloroethane	NT	NT	ND [1,000]	ND [1,000]	ND [100]	ND [1,000]	ND [1,000]	ND [200]	ND [400]	ND [100]	ND [200]	NT	NT	ND [1,000]	ND [1,000]	ND [1,000]	ND [200]	ND [1,000]	ND [200]	ND [400]	ND [100]	ND [10]	5
1,2-dichloroethane	NT	NT	ND [1,000]	ND [1,000]	ND [100]	ND [1,000]	ND [1,000]	ND [200]	ND [400]	ND [100]	ND [200]	NT	NT	ND [1,000]	ND [1,000]	ND [1,000]	ND [200]	ND [1,000]	ND [200]	ND [400]	ND [100]	ND [10]	0.6
1,1-dichloroethene	NT	NT	ND [1,000]	ND [1,000]	ND [100]	ND [1,000]	ND [1,000]	ND [200]	ND [400]	ND [100]	ND [200]	NT	NT	ND [1,000]	ND [1,000]	ND [1,000]	ND [200]	ND [1,000]	ND [200]	ND [400]	ND [100]	ND [10]	5
Chloroform	NT	NT	ND [1,000]	ND [1,000]	ND [100]	ND [1,000]	ND [1,000]	ND [200]	ND [400]	ND [100]	ND [200]	NT	NT	ND [1,000]	ND [1,000]	ND [1,000]	ND [200]	ND [1,000]	ND [200]	ND [400]	ND [100]	ND [10]	7
cis-1,2-dichloroethene	NT	NT	ND [1,000]	1,140	1,100	1,570	1,080	1,230	1,270	1,070	776	NT	NT	ND [1,000]	1,090	1,030	911	ND [1,000]	1,020	947	764	352	5
trans-1,2-dichloroethene	NT	NT	ND [1,000]	ND [1,000]	ND [100]	ND [1,000]	ND [1,000]	ND [200]	ND [400]	ND [100]	ND [200]	NT	NT	ND [1,000]	ND [1,000]	ND [1,000]	ND [200]	ND [1,000]	ND [200]	ND [400]	ND [100]	ND [10]	5
tetrachloroethene	NT	NT	4,220	4,850	4,660	6,660	6,260	5,620	5,850	4,660	3,460	NT	NT	9,090	7,710	7,630	14,800	8,450	10,000	8,560	6,710	968	5
trichloroethene	NT	NT	1,300	1,770	1,900	2,480	1,930	1,820	1,940	1,770	1,170	NT	NT	4,000	3,060	3,560	5,690	3,080	3,030	2,740	2,650	313	5
vinyl chloride	NT	NT	ND [1,000]	ND [1,000]	ND [100]	ND [1,000]	ND [1,000]	ND [200]	ND [400]	ND [100]	ND [200]	NT	NT	ND [1,000]	ND [1,000]	ND [1,000]	ND [200]	ND [1,000]	ND [200]	ND [400]	ND [100]	44.4	2
1,2-dichloropropane	NT	NT	ND [1,000]	ND [1,000]	ND [100]	ND [1,000]	ND [1,000]	ND [200]	ND [400]	ND [100]	ND [200]	NT	NT	ND [1,000]	ND [1,000]	ND [1,000]	ND [200]	ND [1,000]	ND [200]	ND [400]	ND [100]	ND [10]	1
Total VOCs	NT	NT	5,520	7,760	7,660	10,710	9,270	8,670	9,060	7,910	5,406	NT	NT	13,090	11,860	12,220	21,401	11,530	14,050	12,247	10,124	1,677	NA
<b>Chromium (ug/L)</b>																							
Hexavalent Chromium	NT	ND [20]	ND [10]	ND [10]	ND [10]	ND [20]	ND [10]	ND [20]	ND [10]	ND [10]	ND [10]	NT	270	653	582	490	460	567	780	737	895	359	50
Total Chromium	2,750	ND [10]	ND [10]	ND [10]	ND [10]	ND [10]	ND [10]	ND [10]	ND [10]	ND [10]	ND [10]	1,790	394	737	652	519	460*	621	870	804	895*	413	50

Detected VOCs (ug/L)	GROUNDWATER EXTRACTION WELLS																				NYSDEC TOGS 1.1.1 Groundwater Standard or Guidance Value <sup>(1)</sup>		
	EW-3										EW-4												
	10/21/2008	8/11/2009	12/8/098	3/30/2010	6/15/2010	9/21/2010	6/15/2011	12/21/2011	8/7/2012	12/19/2012	5/7/2013	10/21/2008	8/11/2009	12/9/2009	3/30/2010	6/15/2010	9/21/2010	6/15/2011	12/21/2011	8/7/2012		12/19/2012	5/7/2013
1,1-dichloroethane	NT	NT	ND [1,000]	ND [1,000]	ND [1,000]	ND [200]	ND [1000]	ND [200]	ND [400]	ND [100]	ND [200]	NT	NT	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	5
1,2-dichloroethane	NT	NT	ND [1,000]	ND [1,000]	ND [1,000]	ND [200]	ND [1000]	ND [200]	ND [400]	ND [100]	ND [200]	NT	NT	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	0.6
1,1-dichloroethene	NT	NT	ND [1,000]	ND [1,000]	ND [1,000]	ND [200]	ND [1000]	ND [200]	ND [400]	ND [100]	ND [200]	NT	NT	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	5
Chloroform	NT	NT	ND [1,000]	ND [1,000]	ND [1,000]	ND [200]	ND [1000]	ND [200]	ND [400]	ND [100]	ND [200]	NT	NT	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	11.9	7
cis-1,2-dichloroethene	NT	NT	2,090	4,220	3,990	4,160	5,570	4,920	4,400	5,250	3,800	NT	NT	9.00	9.35	11.00	20.70	10.1	10.5	5.4	6.1	ND [2]	5
trans-1,2-dichloroethene	NT	NT	ND [1,000]	ND [1,000]	ND [1,000]	ND [200]	ND [1000]	ND [200]	ND [400]	ND [100]	ND [200]	NT	NT	ND [2]	ND [2]	ND [2]	2.72	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	5
tetrachloroethene	NT	NT	4,800	8,620	6,670	9,480	8,990	9,210	7,530	8,420	4,750	NT	NT	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	5
trichloroethene	NT	NT	3,580	8,010	7,090	8,420	8,060	7,160	5,930	6,820	3,890	NT	NT	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	5
vinyl chloride	NT	NT	ND [1,000]	ND [1,000]	ND [1,000]	ND [200]	ND [1000]	ND [200]	ND [400]	121	ND [200]	NT	NT	5.15	3.03	5.57	9.76	5.16	7.10	2.31	5.31	ND [2]	2
1,2-dichloropropane	NT	NT	ND [1,000]	ND [1,000]	ND [1,000]	ND [200]	ND [1000]	ND [200]	ND [400]	ND [100]	ND [200]	NT	NT	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	1
Total VOCs	NT	NT	10,470	20,850	17,750	22,060	22,620	21,290	17,860	20,611	12,440	NT	NT	14.15	12.38	16.57	33.18	15.26	17.60	7.72	11.38	11.90	NA
<b>Chromium (ug/L)</b>																							
Hexavalent Chromium	NT	ND [20]	ND [10]	ND [10]	ND [10]	ND [20]	ND [10]	ND [20]	ND [10]	ND [10]	ND [10]	NT	ND [20]	ND [10]	ND [10]	ND [10]	ND [20] M	ND [10]	ND [20]	ND [10]	ND [10]	26	50
Total Chromium	ND [10]	ND [10]	ND [10]	28	11	16	14	15	12	ND [10]	20	ND [10]	ND [10]	ND [10]	ND [10]	ND [10]	ND [10]	ND [10]	ND [10]	ND [10]	ND [10]	45.8	50

Notes

(1) = Groundwater standard or guidance value as referenced in NYSDEC TOGS 1.1.1 dated June 1998 as amended by the NYSDEC's supplemental table dated April 2000.

(2) = Monitoring Well MW-32 was converted to Extraction Well EW-5 on June 17, 2009.

Test results and groundwater standards or guidance values in ug/L (i.e., parts per billion).

ND [10] = Constituent not detected at a concentration exceeding the detection limit utilized by the analytical laboratory. [10] detection limit utilized by the analytical laboratory.

NYSDEC = New York State Department of Environmental Conservation

2,750 = Constituent concentration exceeds NYSDEC TOGS 1.1.1 Guidance Value.

\* = Reported analytical laboratory concentration for hexavalent chromium exceeded reported total chromium concentration; assumed total chromium concentration was equal to reported hexavalent chromium concentration.



TABLE 3

Detected Volatile Organic Compounds (VOCs), Total Chromium and Hexavalent Chromium in Micrograms per Liter (ug/L) or Parts Per Billion (PPB)

Groundwater Samples

Detected VOCs (ug/L)	GROUNDWATER EXTRACTION WELLS														NYSDEC TOGS 1.1.1 Groundwater Standard or Guidance Value <sup>(1)</sup>	
	EW-5 <sup>(2)</sup>											EW-7 <sup>(4)</sup>				
	10/21/2008	8/11/2009	12/8/2009	3/30/2010	6/15/2010	9/21/2010	6/15/2011	12/21/2011	8/8/2012	12/19/2012	5/7/2013	12/3/2012	5/7/2013			
1,1-dichloroethane	NT	NT	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [1,000]	ND [400]			5
1,2-dichloroethane	NT	NT	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [1,000]	ND [400]			0.6
1,1-dichloroethene	NT	NT	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [1,000]	ND [400]			5
Chloroform	NT	NT	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [1,000]	ND [400]			7
cis-1,2-dichloroethene	NT	NT	50.5	64.1	44.8	64.9	46.0	38.7	29.7	33.7	8.02	2,770	1,400			5
trans-1,2-dichloroethene	NT	NT	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [1,000]	ND [400]			5
tetrachloroethene	NT	NT	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	21,800	16,000			5
trichloroethene	NT	NT	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	13,500	10,200			5
vinyl chloride	NT	NT	8.17	8.80	11.10	13.00	13.0	13.2	10.0	11.2	ND [2]	ND [1,000]	ND [400]			2
1,2-dichloropropane	NT	NT	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [1,000]	ND [400]			1
Total VOCs	NT	NT	58.67	72.90	55.90	77.90	59.0	51.9	39.7	44.9	8.0	38,070	27,600			NA
<b>Chromium (ug/L)</b>																
Hexavalent Chromium	NT	460	314	510	465	230	504	480	540	567	945	ND [20]	ND [10]			50
Total Chromium	NT	615	491	514	685	253	504*	494	551	567*	1,010	NT	ND [10]			50

Detected VOCs (ug/L)	GROUNDWATER EXTRACTION WELLS										NYSDEC TOGS 1.1.1 Groundwater Standard or Guidance Value <sup>(1)</sup>
	EW-6 <sup>(3)</sup>										
	12/19/2012	5/7/2013									
1,1-dichloroethane	ND [500]	ND [200]									5
1,2-dichloroethane	ND [500]	ND [200]									0.6
1,1-dichloroethene	ND [500]	ND [200]									5
Chloroform		ND [200]									7
cis-1,2-dichloroethene	3,620	2,050									5
trans-1,2-dichloroethene	ND [500]	ND [200]									5
tetrachloroethene	16,800	7,880									5
trichloroethene	4,000	2,040									5
vinyl chloride	ND [500]	ND [200]									2
1,2-dichloropropane	ND [500]	ND [200]									1
Total VOCs	24,420	11,970									NA
<b>Chromium (ug/L)</b>											
Hexavalent Chromium	ND [10]	ND [10]									50
Total Chromium	ND [10]	ND [10]									50

Notes

(1) = Groundwater standard or guidance value as referenced in NYSDEC TOGS 1.1.1 dated June 1998 as amended by the NYSDEC's supplemental table dated April 2000.

(2) = Monitoring Well MW-32 was converted to Extraction Well EW-5 on June 17, 2009.

(3) = Monitoring Well MW-30 was converted to Extraction Well EW-6 on December 14, 2012.

(4) = Extraction Well EW-7 became operational on January 22, 2013.

ND [10] = Constituent not detected at a concentration exceeding the detection limit utilized by the analytical laboratory. [10] detection limit utilized by the analytical laboratory.

\* = Reported analytical laboratory concentration for hexavalent chromium exceeded reported total chromium concentration; assumed total chromium concentration was equal to reported hexavalent chromium concentration.

460 = Constituent concentration exceeds NYSDEC TOGS 1.1.1 Guidance Value.

Test results and groundwater standards or guidance values in ug/L (i.e., parts per billion).

NYSDEC = New York State Department of Environmental Conservation

**TABLE 4**

**Total Chromium in Milligrams Per Liter (mg/L) or Parts Per million (PPM)**

**Groundwater Treatment System Samples**

**MetalMaster Filters**

<b>Total Chromium (mg/L)</b>	7/22/2008	7/25/2008	8/1/2008	8/8/2008	8/15/2008	8/22/2008	8/29/2008	9/5/2008	9/12/2008	9/19/2008	9/26/2008	10/3/2008	10/10/2008	10/17/2008	10/24/2008	10/31/2008	11/7/2008	11/21/2008	11/26/2008	<b>Monroe County Industrial Sewer Use Permit Limits (mg/L)</b>		
MetalMaster Filter Influent (Total Chromium)	0.094	ND [0.01]	ND [0.01]	ND [0.01]	0.012	0.023	0.032	0.033	0.036	0.233	0.060	0.065	0.092	0.059	0.022	0.106	0.105	0.026	0.028		<b>3.0</b>	
MetalMaster Filter Influent (Hexavalent Chromium)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC			
MetalMaster Train 1 Primary Filter Effluent	ND [0.10]	ND [0.01]	ND [0.01]	0.016	ND [0.01]	ND [0.01]	0.018	0.020	0.012	0.432	0.041	0.116	0.023	0.191	0.012	0.116	0.202	0.100	0.239			
MetalMaster Train 2 Primary Filter Effluent	ND [0.01]	ND [0.01]	ND [0.01]	0.035	ND [0.01]	ND [0.01]	ND [0.01]	0.012	0.014	0.031	0.014	0.026	0.048	0.038	0.012	0.018	0.037	ND [0.01]	ND [0.01]			
Groundwater Treatment System Effluent	NC	ND [0.01]	NC	NC	NC	NC	ND [0.01]	NC	NC	NC	ND [0.01]	NC	NC	NC	NC	ND [0.01]	NC	NC	NC			

**Notes**

Test results and sewer discharge permit limits in mg/L (i.e., parts per million).

ND [0.01] = Constituent not detected at a concentration exceeding the detection limit utilized by the analytical laboratory. [0.01] detection limit utilized by the analytical laboratory.

Treatment System Start Date: July 21, 2008

The Monroe County Discharge Permit Limits only apply to the treatment system effluent samples.

\* = Reported analytical laboratory concentration for hexavalent chromium exceeded reported total chromium concentration; assumed total chromium concentration was equal to reported hexavalent chromium concentration.

TABLE 4

Total Chromium in Milligrams Per Liter (mg/L) or Parts Per million (PPM)

Groundwater Treatment System Samples

MetalMaster Filters

Total Chromium (mg/L)	12/1/2008	12/5/2008	12/12/2008	12/24/2009	1/9/2009	1/16/2009	1/23/2009	1/30/2009	2/6/2009	2/13/2009	2/20/2009	2/27/2009	3/6/2009	3/13/2009	3/20/2009	3/27/2009	4/3/2009	4/9/2009	4/17/2009	Monroe County Industrial Sewer Use Permit Limits (mg/L)			
MetalMaster Filter Influent (Total Chromium)	NC	0.030	0.046	0.018	0.092	0.020	ND [0.01]	0.026	0.025	0.032	0.030	0.082	0.086	0.048	0.042	0.068	0.049	0.082	0.101		Monroe County Industrial Sewer Use Permit Limits (mg/L)		
MetalMaster Filter Influent (Hexavalent Chromium)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC			Monroe County Industrial Sewer Use Permit Limits (mg/L)	
MetalMaster Train 1 Primary Filter Effluent	NC	0.338	0.019	0.029	0.020	ND [0.01]	0.035	0.013	0.028	ND [0.01]	0.018	0.031	0.213	0.020	0.031	0.035	0.067	0.026	0.023				Monroe County Industrial Sewer Use Permit Limits (mg/L)
MetalMaster Train 2 Primary Filter Effluent	NC	0.014	ND [0.01]	0.023	ND [0.01]	ND [0.01]	0.064	0.037	0.018	0.019	0.038	0.025	0.070	0.064	0.083	0.057	0.018	0.083	0.027				
Groundwater Treatment System Effluent	ND [0.01]	NC	NC	ND [0.01]	NC	NC	NC	ND [0.01]	NC	ND [0.01]	NC	NC	ND [0.01]	NC	NC	NC	ND [0.01]	NC	NC	3.0			

**Notes**

Test results and sewer discharge permit limits in mg/L (i.e., parts per million).

ND [0.01] = Constituent not detected at a concentration exceeding the detection limit utilized by the analytical laboratory. [0.01] detection limit utilized by the analytical laboratory.

Treatment System Start Date: July 21, 2008

The Monroe County Discharge Permit Limits only apply to the treatment system effluent samples.

\* = Reported analytical laboratory concentration for hexavalent chromium exceeded reported total chromium concentration; assumed total chromium concentration was equal to reported hexavalent chromium concentration.

TABLE 4

Total Chromium in Milligrams Per Liter (mg/L) or Parts Per million (PPM)

Groundwater Treatment System Samples

MetalMaster Filters

Total Chromium (mg/L)	4/24/2009	5/1/2009	5/8/2009	5/15/2009	5/22/2009	5/28/2009	6/5/2009	6/12/2009	6/19/2009	6/26/2009	7/2/2009	7/10/2009	7/17/2009	7/24/2009	7/29/2009	8/7/2009	9/4/2009	10/23/2009	11/17/2009	Monroe County Industrial Sewer Use Permit Limits (mg/L)		
MetalMaster Filter Influent (Total Chromium)	0.858	0.035	ND [0.01]	ND [0.01]	ND [0.01]	ND [0.01]	0.609	0.014	0.123	0.027	0.179	0.123	0.070	ND [0.01]	0.073	0.024	0.088	0.122	NC		3.0	
MetalMaster Filter Influent (Hexavalent Chromium)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC			
MetalMaster Train 1 Primary Filter Effluent	11.40	0.03	ND [0.01]	ND [0.01]	ND [0.01]	ND [0.01]	0.039	ND [0.01]	0.094	0.023	0.150	0.077	0.031	ND [0.01]	0.013	0.012	NC	NC	NC			
MetalMaster Train 2 Primary Filter Effluent	2.350	0.017	ND [0.01]	ND [0.01]	ND [0.01]	ND [0.01]	2.060	ND [0.01]	0.070	0.023	0.117	0.070	0.025	ND [0.01]	0.017	ND [0.01]	NC	NC	NC			
Groundwater Treatment System Effluent	NC	ND [0.01]	NC	NC	NC	NC	NC	ND [0.01]	NC	NC	NC	ND [0.01]	NC	NC	NC	NC	NC	NC	ND [0.01]			

**Notes**

Test results and sewer discharge permit limits in mg/L (i.e., parts per million).

ND [0.01] = Constituent not detected at a concentration exceeding the detection limit utilized by the analytical laboratory. [0.01] detection limit utilized by the analytical laboratory.

Treatment System Start Date: July 21, 2008

The Monroe County Discharge Permit Limits only apply to the treatment system effluent samples.

\* = Reported analytical laboratory concentration for hexavalent chromium exceeded reported total chromium concentration; assumed total chromium concentration was equal to reported hexavalent chromium concentration.

TABLE 4

Total Chromium in Milligrams Per Liter (mg/L) or Parts Per million (PPM)

Groundwater Treatment System Samples

MetalMaster Filters

Total Chromium (mg/L)	11/24/2009	12/9/2009	1/14/2010	2/15/2010	2/19/2010	3/30/2010	4/29/2010	5/17/2010	5/27/2010	6/15/2010	7/29/2010	8/18/2010	8/19/2010	9/21/2010	11/17/2010	12/16/2010	2/15/2011	3/25/2011	5/17/2011	Monroe County Industrial Sewer Use Permit Limits (mg/L)
MetalMaster Filter Influent (Total Chromium)	2.620	0.045	0.642	NC	0.119	1.140	0.142	NC	0.149	0.139	0.114	NC	0.052	0.132*	NC	0.139	NC	0.134	NC	
MetalMaster Filter Influent (Hexavalent Chromium)	NC	NC	NC	NC	NC	0.049	0.090	NC	0.100	0.065	0.050	NC	0.010	0.132	NC	0.037	NC	NC	NC	
MetalMaster Train 1 Primary Filter Effluent	NC	ND [0.01]	NC	NC	NC	0.010	NC	NC	NC	ND [0.01]	NC	NC	NC	0.038	NC	0.023	NC	0.095	NC	
MetalMaster Train 2 Primary Filter Effluent	NC	ND [0.01]	NC	NC	NC	0.050	NC	NC	NC	0.060	NC	NC	NC	0.059	NC	0.033	NC	0.122	NC	
Groundwater Treatment System Effluent	NC	NC	NC	ND [0.01]	NC	NC	NC	0.013	NC	NC	NC	ND [0.01]	NC	NC	ND [0.01]	NC	ND [0.01]	NC	0.034	3.0

**Notes**

Test results and sewer discharge permit limits in mg/L (i.e., parts per million).

ND [0.01] = Constituent not detected at a concentration exceeding the detection limit utilized by the analytical laboratory. [0.01] detection limit utilized by the analytical laboratory.

Treatment System Start Date: July 21, 2008

The Monroe County Discharge Permit Limits only apply to the treatment system effluent samples.

\* = Reported analytical laboratory concentration for hexavalent chromium exceeded reported total chromium concentration; assumed total chromium concentration was equal to reported hexavalent chromium concentration.

TABLE 4

Total Chromium in Milligrams Per Liter (mg/L) or Parts Per million (PPM)

Groundwater Treatment System Samples

MetalMaster Filters

Total Chromium (mg/L)	6/15/2011	8/17/2011	9/27/2011	11/17/2011	12/21/2011	2/16/2012	3/27/2012	5/15/2012	6/19/2012	8/7/2012	8/15/2012	10/24/2012	11/15/2012	12/19/2012	2/14/2013	2/15/2013	4/18/2013	5/15/2013	7/16/2013	Monroe County Industrial Sewer Use Permit Limits (mg/L)
MetalMaster Filter Influent (Total Chromium)	0.328*	NC	0.184	NC	0.172	NC	0.182	NC	0.087	0.220	NC	0.231	NC	0.124	0.140	NC	0.330*	NC	0.177	
MetalMaster Filter Influent (Hexavalent Chromium)	0.328	NC	0.060	NC	0.120	NC	0.090	NC	0.030	0.131	NC	0.130	NC	0.104	0.097	NC	0.330	NC	0.130	
MetalMaster Train 1 Primary Filter Effluent	0.090	NC	0.043	NC	0.105	NC	0.080	NC	0.035	0.109	NC	0.113	NC	0.809	0.100	NC	0.182	NC	0.121	
MetalMaster Train 2 Primary Filter Effluent	0.067	NC	0.056	NC	0.125	NC	0.096	NC	0.037	0.138	NC	0.120	NC	0.094	0.110	NC	0.209	NC	0.129	
Groundwater Treatment System Effluent	NC	0.012	NC	0.108	NC	0.027	NC	0.093	NC	NC	0.019	NC	0.083	NC	NC	0.060	NC	0.067	NC	3.0

**Notes**

Test results and sewer discharge permit limits in mg/L (i.e., parts per million).

ND [0.01] = Constituent not detected at a concentration exceeding the detection limit utilized by the analytical laboratory. [0.01] detection limit utilized by the analytical laboratory.

Treatment System Start Date: July 21, 2008

The Monroe County Discharge Permit Limits only apply to the treatment system effluent samples.

\* = Reported analytical laboratory concentration for hexavalent chromium exceeded reported total chromium concentration; assumed total chromium concentration was equal to reported hexavalent chromium concentration.

TABLE 5

Detected Volatile Organic Compounds (VOCs) in Micrograms Per Liter (ug/L) or Parts Per Billion (PPB)

Groundwater Treatment System Samples

VOCs (ug/L)	Granulater Activated Carbon Filter Influent															
	7/25/08	8/29/08	9/26/08	10/31/08	12/1/08	12/24/08	1/30/09	2/13/09	3/6/09	4/3/09	5/1/09	6/12/09	7/10/09	10/2/09	10/16/09	12/9/09
1,1-dichloroethene	ND [200]	21	ND [50]	ND [100]	ND [20]	ND [200]	ND [100]	ND [100]	ND [100]	ND [20]	ND [100]	ND [200]	ND [200]	ND [20]	ND [20]	ND [20]
cis-1,2-dichloroethene	444	4,040 E	4,530	2,480	1,430	986	890	579	792	763	672	690	486	777	923	936
trans-1,2-dichloroethene	ND [200]	38.0	ND [50]	ND [100]	22.3	ND [200]	ND [100]	ND [100]	ND [100]	ND [20]	ND [100]	ND [200]	ND [200]	ND [20]	ND [20]	ND [20]
tetrachloroethene	3,600	31.1	ND [50]	2,040	586	1,200	1,650	1,810	1,640	1,740	1,980	1,740	1,340	388	499	196
trichloroethene	1,680	41.7	ND [50]	1,390	410	792	989	957	979	920	1,050	871	819	271	372	162
vinyl chloride	ND [200]	268	683	677	223	275	284	ND [100]	107	107	ND [100]	ND [200]	ND [200]	81	130	176
<b>Total VOCs</b>	<b>5,724</b>	<b>4,440</b>	<b>5,213</b>	<b>6,587</b>	<b>2,671</b>	<b>3,253</b>	<b>3,813</b>	<b>3,346</b>	<b>3,518</b>	<b>3,530</b>	<b>3,702</b>	<b>3,301</b>	<b>2,645</b>	<b>1,517</b>	<b>1,924</b>	<b>1,470</b>

VOCs (ug/L)	Granulater Activated Carbon Filter Influent															
	3/30/10	6/15/10	9/21/10	12/16/10	3/25/11	6/15/11	9/27/11	12/21/11	3/27/12	6/19/12	8/7/12	10/24/12	12/19/12	2/14/13	4/18/13	7/16/13
1,1-dichloroethene	ND [20]	ND [20]	ND [20]	ND [10]	ND [100]	ND [20]	ND [10]	ND [20]	ND [20]	ND [20]	ND [20]	ND [20]	ND [20]	ND [20]	ND [20]	ND [20]
cis-1,2-dichloroethene	432	618	637	335	433	587	571	391	555	334	872	424	502	340	390	442
trans-1,2-dichloroethene	ND [20]	ND [20]	ND [20]	ND [10]	ND [100]	43.4	10.7	ND [20]	ND [20]	ND [20]	ND [20]	ND [20]	ND [20]	ND [20]	ND [20]	ND [20]
tetrachloroethene	927	634	636	169	1,100	1,070	544	1,010	830	640	528	695	607	1,100	536	467
trichloroethene	543	393	430	110	696	729	440	540	449	363	260	375	271	660	312	349
vinyl chloride	23.5	169	41.4	ND [10]	ND [100]	ND [20]	ND [10]	ND [20]	ND [20]	ND [20]	35.8	ND [20]	ND [20]	ND [20]	ND [20]	ND [20]
<b>Total VOCs</b>	<b>1,926</b>	<b>1,814</b>	<b>1,744</b>	<b>614</b>	<b>2,229</b>	<b>2,429</b>	<b>1,566</b>	<b>1,941</b>	<b>1,834</b>	<b>1,337</b>	<b>1,696</b>	<b>1,494</b>	<b>1,380</b>	<b>2,100</b>	<b>1,238</b>	<b>1,258</b>

Notes

Test results a in ug/L (i.e., parts per billion).

E = Result has been estimated, calibration limit exceeded

VOC = Volatile Organic Compound

Treatment System Start Date: July 21, 2008

ND [2] = Constituent not detected at a concentration exceeding the detection limit utilized by the analytical laboratory.

[2] detection limit utilized by the analytical laboratory.

TABLE 5

## Detected Volatile Organic Compounds (VOCs) in Micrograms Per Liter (ug/L) or Parts Per Billion (PPB)

## Groundwater Treatment System Samples

VOCs (ug/L)	Granular Activated Carbon Filter Train 1 Primary Filter Effluent															
	7/25/08	8/29/08	9/26/08	10/31/08	12/1/08	12/24/08	1/30/09	2/13/09	3/6/09	4/3/09	5/1/09	6/12/09	7/10/09	10/2/09	10/16/09	12/9/09
1,1-dichloroethene	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [4]	4.42	ND [100]	ND [100]	ND [20]
cis-1,2-dichloroethene	ND [2]	ND [2]	ND [2]	23.4	97.9	8.26	2.64	3.37	22	9.26	66.3	240	436	3080	2630	1110
trans-1,2-dichloroethene	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [4]	4.09	ND [100]	ND [100]	ND [20]
tetrachloroethene	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	3.61	4.13	8.03	ND [100]	ND [100]	44.1
trichloroethene	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	7.83	10.4	32.9	ND [100]	ND [100]	171
vinyl chloride	ND [2]	14.6	19.1	131	207	66.9	67	64	12.2	19.4	16.9	ND [4]	10.4	ND [100]	112	241
<b>Total VOCs</b>	<b>0</b>	<b>15</b>	<b>19</b>	<b>154</b>	<b>305</b>	<b>75</b>	<b>70</b>	<b>67</b>	<b>34</b>	<b>29</b>	<b>95</b>	<b>255</b>	<b>496</b>	<b>3,080</b>	<b>2,742</b>	<b>1,566</b>

VOCs (ug/L)	Granular Activated Carbon Filter Train 1 Primary Filter Effluent															
	3/30/10	6/15/10	9/21/10	12/16/10	3/25/11	6/15/11	9/27/11	12/21/11	3/27/12	6/19/12	8/7/12	10/24/12	12/19/12	2/14/13	4/18/13	7/16/13
1,1-dichloroethene	ND [20]	ND [20]	ND [20]	ND [2]	ND [5]	ND [20]	ND [10]	ND [20]	ND [10]	ND [20]	ND [20]	ND [10]	ND [20]	ND [20]	ND [20]	ND [20]
cis-1,2-dichloroethene	660	786	ND [20]	ND [2]	567	837	827	1,460	850	693	689	583	838	1500	1,020	855
trans-1,2-dichloroethene	ND [20]	ND [20]	ND [20]	ND [2]	ND [5]	33.6	15.8	ND [20]	16.5	ND [20]	ND [20]	ND [10]	ND [20]	ND [20]	24.5	21.9
tetrachloroethene	442	ND [20]	ND [20]	ND [2]	ND [5]	ND [20]	ND [10]	ND [20]	ND [10]	ND [20]	ND [20]	ND [10]	55.1	ND [20]	ND [20]	ND [20]
trichloroethene	382	ND [20]	ND [20]	ND [2]	ND [5]	20.3	187	ND [20]	ND [10]	39.1	109	414	ND [20]	ND [20]	ND [20]	ND [20]
vinyl chloride	ND [20]	85.7	150	18.7	ND [5]	ND [20]	10.5	ND [20]	ND [10]	ND [20]	ND [20]	ND [10]	ND [20]	ND [20]	ND [20]	ND [20]
<b>Total VOCs</b>	<b>1,484</b>	<b>872</b>	<b>150</b>	<b>19</b>	<b>567</b>	<b>891</b>	<b>1,040</b>	<b>1,460</b>	<b>867</b>	<b>732</b>	<b>798</b>	<b>997</b>	<b>893</b>	<b>1,500</b>	<b>1,045</b>	<b>877</b>

**Notes**

Test results a in ug/L (i.e., parts per billion).

VOC = Volatile Organic Compound

Treatment System Start Date: July 21, 2008

ND [2] = Constituent not detected at a concentration exceeding the detection limit utilized by the analytical laboratory.

[2] detection limit utilized by the analytical laboratory.



TABLE 5

## Detected Volatile Organic Compounds (VOCs) in Micrograms Per Liter (ug/L) or Parts Per Billion (PPB)

## Groundwater Treatment System Samples

VOCs (ug/L)	Granular Activated Carbon Filter Train 2 Primary Filter Effluent															
	7/25/08	8/29/08	9/26/08	10/31/08	12/1/08	12/24/08	1/30/09	2/13/09	3/6/09	4/3/09	5/1/09	6/12/09	7/10/09	10/2/09	10/16/09	12/9/09
1,1-dichloroethene	ND [2]	ND[2]	ND [20]	ND [10]	ND[10]	ND [2]	ND [20]	ND [20]	ND [10]	ND [20]	ND [10]	ND [20]	ND [20]	ND [2]	ND [2]	ND [2]
cis-1,2-dichloroethene	ND [2]	4.25	205	122	457	17.4	1,940	1,380	1,090	1,020	820	1,090	892	ND [2]	ND [2]	ND [2]
trans-1,2-dichloroethene	ND [2]	ND[2]	ND [20]	ND [10]	ND[10]	ND [2]	ND [20]	ND [20]	ND [10]	ND [20]	ND [10]	ND [20]	ND [20]	ND [2]	ND [2]	ND [2]
tetrachloroethene	ND [2]	ND[2]	ND [20]	ND [10]	ND[10]	ND [2]	ND [20]	ND [20]	14.7	71.1	105	66.4	207	ND [2]	ND [2]	ND [2]
trichloroethene	ND [2]	ND[2]	ND [20]	ND [10]	ND[10]	ND [2]	33	29.8	33.2	98.1	137	166	269	ND [2]	ND [2]	ND [2]
vinyl chloride	ND [2]	31.6	586	479	322	14.8	285	ND [20]	ND [10]	ND [20]	32	ND [20]	ND [20]	ND [2]	4.69	87.2
<b>Total VOCs</b>	<b>0</b>	<b>36</b>	<b>791</b>	<b>601</b>	<b>779</b>	<b>32</b>	<b>2,258</b>	<b>1,410</b>	<b>1,138</b>	<b>1,189</b>	<b>1,094</b>	<b>1,322</b>	<b>1,368</b>	<b>0</b>	<b>5</b>	<b>87</b>

VOCs (ug/L)	Granular Activated Carbon Filter Train 2 Primary Filter Effluent															
	3/30/10	6/15/10	9/21/10	12/16/10	3/25/11	6/15/11	9/27/11	12/21/11	3/27/12	6/19/12	8/7/12	10/24/12	12/19/12	2/14/13	4/18/13	7/16/13
1,1-dichloroethene	ND [2]	ND [2]	ND [2]	ND [2]	ND [20]	ND [10]	ND [10]	ND [20]	ND [10]	ND [10]	ND [20]	ND [10]	ND [10]	ND [20]	ND [20]	ND [20]
cis-1,2-dichloroethene	ND [2]	172	46	28	884	723	710	1,290	799	631	638	555	1,150	1,100	914	719
trans-1,2-dichloroethene	ND [2]	ND [2]	ND [2]	ND [2]	ND [20]	19.3	14	20.5	16.7	11.6	ND [20]	ND [10]	ND [10]	22	34.5	23.3
tetrachloroethene	ND [2]	ND [2]	ND [2]	ND [2]	ND [20]	ND [10]	ND [10]	ND [20]	ND [10]	ND [10]	ND [20]	27	15.2	ND [20]	ND [20]	ND [20]
trichloroethene	ND [2]	ND [2]	ND [2]	ND [2]	ND [20]	90.4	445	104	78.6	172	191	403	ND [10]	ND [20]	ND [20]	104
vinyl chloride	185	79.7	137	22.1	ND [20]	ND [10]	ND [10]	ND [20]	ND [10]	ND [10]	ND [20]	ND [10]	ND [10]	ND [20]	ND [20]	ND [20]
<b>Total VOCs</b>	<b>185.00</b>	<b>252</b>	<b>183</b>	<b>50</b>	<b>884</b>	<b>833</b>	<b>1,169</b>	<b>1,415</b>	<b>894</b>	<b>815</b>	<b>829</b>	<b>985</b>	<b>1,165</b>	<b>1,122</b>	<b>949</b>	<b>846</b>

**Notes**

Test results in ug/L (i.e., parts per billion).

VOC = Volatile Organic Compound

Treatment System Start Date: July 21, 2008

ND [2] = Constituent not detected at a concentration exceeding the detection limit utilized by the analytical laboratory.

[2] detection limit utilized by the analytical laboratory.

TABLE 5

Detected Volatile Organic Compounds (VOCs) in Micrograms Per Liter (ug/L) or Parts Per Billion (PPB)

Groundwater Treatment System Samples

VOCs (ug/L)	Groundwater Treatment System Effluent														Monroe County Industrial Sewer Use Permit Limits (ug/L)
	7/25/08	8/29/08	9/26/08	10/31/08	12/1/06	12/24/08	1/30/09	2/13/09	3/6/09	4/3/09	5/1/09	6/12/09	7/10/09	11/17/09	
1,1-dichloroethene	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	9.2	NA
cis-1,2-dichloroethene	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	4.32	4.23	85.2	145	226	193	NT	NA
trans-1,2-dichloroethene	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	5.74	NA
tetrachloroethene	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	4.85	NA
trichloroethene	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	30.8	NA
vinyl chloride	ND [2]	ND [2]	2.39	2.45	38.9	61.4	215	164	73.1	83.1	38.9	87.3	34.5	144	NA
<b>Total VOCs</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>2</b>	<b>39</b>	<b>61</b>	<b>215</b>	<b>168</b>	<b>77</b>	<b>168</b>	<b>184</b>	<b>313</b>	<b>228</b>	<b>195</b>	<b>2,130</b>

VOCs (ug/L)	Groundwater Treatment System Effluent														Monroe County Industrial Sewer Use Permit Limits (ug/L)
	2/17/10	5/17/10	8/18/10	11/17/10	2/15/11	5/17/11	8/17/11	11/17/11	2/16/12	5/15/12	8/15/12	11/15/12	2/15/13	5/15/13	
1,1-dichloroethene	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [10]	ND [10]	ND [2]	ND [2]	ND [10]	ND [20]	ND [20]	ND [2]	ND [4]	NA
cis-1,2-dichloroethene	37	228	2.86	ND [2]	ND [2]	488	648	ND [2]	2.23	554	1000	750	ND [2]	236	NA
trans-1,2-dichloroethene	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [10]	ND [10]	ND [2]	ND [2]	ND [10]	ND [20]	ND [20]	ND [2]	ND [4]	NA
tetrachloroethene	ND [2]	ND [2]	ND [2]	ND [2]	ND [2]	ND [10]	ND [10]	ND [2]	ND [2]	ND [10]	ND [20]	ND [20]	ND [2]	ND [4]	NA
trichloroethene	2.07	ND [2]	ND [2]	ND [2]	ND [2]	ND [10]	ND [10]	ND [2]	ND [2]	ND [10]	ND [20]	ND [20]	ND [2]	ND [4]	NA
vinyl chloride	12	2.74	92.3	3.55	22.4	ND [10]	21	ND [2]	4.56	ND [10]	ND [20]	ND [20]	ND [2]	ND [4]	NA
<b>Total VOCs</b>	<b>51</b>	<b>231</b>	<b>95</b>	<b>4</b>	<b>22</b>	<b>488</b>	<b>669</b>	<b>0.0</b>	<b>6.8</b>	<b>554</b>	<b>1000</b>	<b>750</b>	<b>0</b>	<b>236</b>	<b>2,130</b>

Notes

Test results and Monroe County Industrial Sewer Use Permit Limits in ug/L (i.e., parts per billion). VOC = Volatile Organic Compound

Treatment System Start Date: July 21, 2008

ND [2] = Constituent not detected at a concentration exceeding the detection limit utilized by the analytical laboratory. [2] detection limit utilized by the analytical laboratory.

The Monroe County Discharge Permit Limits only apply to the Treatment System Effluent Samples.

E = Result has been estimated, calibration limit exceeded

NT = Constituent Not Tested

**APPENDIX A**

**TEST BORING AND  
MONITORING WELL LOGS**



DAY ENVIRONMENTAL, INC.

ENVIRONMENTAL CONSULTANTS

AN AFFILIATE OF DAY ENGINEERING, P.C.

Project #: 3681R-05  
 Project Address: 95 Mt. Read Boulevard  
Rochester, NY  
 DAY Representative: N. Simon  
 Drilling Contractor: Nothnagle Drilling  
 Sampling Method: Direct Push/H-Core

**TEST BORING EW-2**

Ground Elevation: NA Datum: NA Page 1 of 2  
 Date Started: 3/28/2008 Date Ended: 3/29/2008  
 Borehole Depth: 20.2 Borehole Diameter: 4.0"  
 Completion Method:  Well Installed  Backfilled with Grout  Backfilled with Cuttings  
 Water Level (Date): \_\_\_\_\_

Depth (ft)	Blows per 0.5 ft.	Sample Number	Sample Depth (ft)	% Recovery	N-Value or RQD%	Headspace PID (ppm)	PID Reading (ppm)	Sample Description	Notes
1							0.0	Concrete and sub-base	
								Black, Sand, some Coal/Slag, moist (FILL)	
								Brown, Sand, some Silt, trace Gravel, moist	
2	NA	S-1	0-4	80	NA	0.5	0.0		
3							0.0		
4							0.0	...trace Clay	
5							0.0		
6	NA	S-2	4-8	95	NA	0.4	0.0		
7							0.0	...wet	
8							0.0		
9							0.0	Brown, Silty SAND, trace Clay, trace Gravel, wet	
10	NA	S-3	8-12	100	NA	0.1	0.0		
11							0.0		
12							0.0		
13	NA	S-4	12-13.9	100	NA	0.3	0.0		
14							0.0		
15								Auger refusal @ 15.2'	

- Notes: 1) Water levels were made at the times and under conditions stated. Fluctuations of groundwater levels may occur due to seasonal factors and other conditions.  
 2) Stratification lines represent approximate boundaries. Transitions may be gradual.  
 3) PID readings are referenced to a benzene standard measured in the headspace above the sample using a MiniRae 2000 equipped with a 10.6 eV lamp.  
 4) NA = Not Available or Not Applicable  
 5) Headspace PID readings may be influenced by moisture

**TEST BORING EW-2**

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 (212) 986-8645  
 FAX (212) 986-8657



DAY ENVIRONMENTAL, INC.

ENVIRONMENTAL CONSULTANTS

AN AFFILIATE OF DAY ENGINEERING, P.C.

Project #: 3681R-05  
 Project Address: 95 Mt. Read Boulevard  
Rochester, NY  
 DAY Representative: N. Simon  
 Drilling Contractor: Nothnagle Drilling  
 Sampling Method: Direct Push/H-Core

**TEST BORING EW-2**

Page 2 of 2

Ground Elevation: NA Datum: NA  
 Date Started: 3/28/2008 Date Ended: 3/29/2008  
 Borehole Depth: 20.2 Borehole Diameter: 4.0"  
 Completion Method:  Well Installed  Backfilled with Grout  Backfilled with Cuttings  
 Water Level (Date): \_\_\_\_\_

Depth (ft)	Blows per 0.5 ft.	Sample Number	Sample Depth (ft)	% Recovery	N-Value or RQD%	Headspace PID (ppm)	PID Reading (ppm)	Sample Description	Notes
16							0.0	Gray, Massive Dolomite (lockport formation) slightly weathered	
17	NA	S-5	15.2-20.2	95.8	88.3	0.0	0.0	... horizontal fractures	
18									
19							0.0	... horizontal fractures	
20								End of Hole 20.2'	

- Notes: 1) Water levels were made at the times and under conditions stated. Fluctuations of groundwater levels may occur due to seasonal factors and other conditions.  
 2) Stratification lines represent approximate boundaries. Transitions may be gradual.  
 3) PID readings are referenced to a benzene standard measured in the headspace above the sample using a MiniRae 2000 equipped with a 10.6 eV lamp.  
 4) NA = Not Available or Not Applicable  
 5) Headspace PID readings may be influenced by moisture

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 Drilling Contractor: Nothnagle Drilling  
 Sampling Method: Direct Push/H-Core

**TEST BORING EW-3**

Page 1 of 2

Ground Elevation: NA Datum: NA  
 Date Started: 3/28/2008 Date Ended: 3/29/2008  
 Borehole Depth: 20.2 Borehole Diameter: 4.0"  
 Completion Method:  Well Installed  Backfilled with Grout  Backfilled with Cuttings  
 Water Level (Date): \_\_\_\_\_

Depth (ft)	Blows per 0.5 ft.	Sample Number	Sample Depth (ft)	% Recovery	N-Value or RQD%	Headspace PID (ppm)	PID Reading (ppm)	Sample Description	Notes
1							0.0	Concrete and sub-base	
2	NA	S-1	0-4	0	NA	0.0	0.0	No Recovery	
3							0.0		
4							0.0		
5							0.0		
6	NA	S-2	4-8	0	NA	0.0	0.0		
7							0.0		
8							0.0	Brown, GRAVEL and SAND, trace Silt, wet	
9							0.0	Brown, Silty SAND, trace Gravel, trace Clay, wet	
10	NA	S-3	8-12	100	NA	0.0	0.0		
11							0.0		
12							0.0		
13	NA	S-4	12-15	0	NA	0.0	0.0		
14									
15								Auger Refusal @ 15.0'	

- Notes: 1) Water levels were made at the times and under conditions stated. Fluctuations of groundwater levels may occur due to seasonal factors and other conditions.  
 2) Stratification lines represent approximate boundaries. Transitions may be gradual.  
 3) PID readings are referenced to a benzene standard measured in the headspace above the sample using a MiniRae 2000 equipped with a 10.6 eV lamp.  
 4) NA = Not Available or Not Applicable  
 5) Headspace PID readings may be influenced by moisture

**TEST BORING EW-3**

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Project #: 3681R-05  
 Project Address: 95 Mt. Read Boulevard  
Rochester, NY  
 DAY Representative: N. Simon  
 Drilling Contractor: Nothnagle Drilling  
 Sampling Method: Direct Push/H-Core

**TEST BORING EW-3**

Page 1 of 2

Ground Elevation: NA Datum: NA  
 Date Started: 3/28/2008 Date Ended: 3/29/2008  
 Borehole Depth: 20.2 Borehole Diameter: 4.0"  
 Completion Method:  Well Installed  Backfilled with Grout  Backfilled with Cuttings  
 Water Level (Date): \_\_\_\_\_

Depth (ft)	Blows per 0.5 ft.	Sample Number	Sample Depth (ft)	% Recovery	N-Value or RQD%	Headspace PID (ppm)	PID Reading (ppm)	Sample Description	Notes
16							0.0	Gray Massive Dolomite (lockport formation) slightly to moderately weathered ...Diagonal fracture	
17	NA	S-5	15.2-20.2	70	87.5	0.0	0.0	... horizontal fractures	
18							0.0	... horizontal fractures	
19							0.0	... horizontal fractures	
20								End of hole 20.2	

- Notes: 1) Water levels were made at the times and under conditions stated. Fluctuations of groundwater levels may occur due to seasonal factors and other conditions.  
 2) Stratification lines represent approximate boundaries. Transitions may be gradual.  
 3) PID readings are referenced to a benzene standard measured in the headspace above the sample using a MiniRae 2000 equipped with a 10.6 eV lamp.  
 4) NA = Not Available or Not Applicable  
 5) Headspace PID readings may be influenced by moisture

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AN AFFILIATE OF DAY ENGINEERING, P.C.

Project #: 3681R-05  
 Project Address: 95 Mt. Read Boulevard  
Rochester, NY  
 DAY Representative: Nate Simon  
 Drilling Contractor: Nothnagle Drilling  
 Sampling Method: Direct Push

**TEST BORING TB-EW-4**

Page 1 of 4

Ground Elevation: NA Datum: NA  
 Date Started: 3/26/2008 Date Ended: 3/27/2008  
 Borehole Depth: 39.0' Borehole Diameter: 4.0"  
 Completion Method:  Well Installed  Backfilled with Grout  Backfilled with Cuttings  
 Water Level (Date): \_\_\_\_\_

Depth (ft)	Blows per 0.5 ft.	Sample Number	Sample Depth (ft)	% Recovery	N-Value or RQD%	Headspace PID (ppm)	PID Reading (ppm)	Sample Description	Notes
1							0.0	Asphalt and sub-base	
2	NA	S-1	0-4	80	NA	0.1	0.0	Brown, SAND, some Silt, trace Gravel, moist	
3							0.0		
4							0.0	Dark Brown, Silty SAND, some Clay, moist	
5							0.0	...some Sand	
6	NA	S-2	4-8	95	NA	0.3	0.0	Brown, SAND, some Gravel, trace Silt, moist	
7							0.0	...some Silt	
8							0.0	...wet	
9							0.0		
10	NA	S-3	8-12	80	NA	0.5	0.0	...some Gravel	
11							0.0		
12							0.0	...Rock fragments	
13	NA	S-4	12-14.0	10	NA	0.1	0.0		
14							0.0		
Auger Refusal @ 14.0'									

- Notes: 1) Water levels were made at the times and under conditions stated. Fluctuations of groundwater levels may occur due to seasonal factors and other conditions.  
 2) Stratification lines represent approximate boundaries. Transitions may be gradual.  
 3) PID readings are referenced to a benzene standard measured in the headspace above the sample using a MiniRae 2000 equipped with a 10.6 eV lamp.  
 4) NA = Not Available or Not Applicable  
 5) Headspace PID readings may be influenced by moisture

**TEST BORING TB-EW-4**

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 Project Address: 95 Mt. Read Boulevard  
Rochester, NY  
 DAY Representative: Nate Simon  
 Drilling Contractor: Nothnagle Drilling  
 Sampling Method: Direct Push

**TEST BORING TB-EW-4**

Page 2 of 4

Ground Elevation: NA Datum: NA  
 Date Started: 3/26/2008 Date Ended: 3/27/2008  
 Borehole Depth: 39.0' Borehole Diameter: 4.0"  
 Completion Method:  Well Installed  Backfilled with Grout  Backfilled with Cuttings  
 Water Level (Date): \_\_\_\_\_

Depth (ft)	Blows per 0.5 ft.	Sample Number	Sample Depth (ft)	% Recovery	N-Value or RQD%	Headspace PID (ppm)	PID Reading (ppm)	Sample Description	Notes
15							0.0	Gray massive, Dolomite, hard (Lockport Formation), Slightly weathered	
16							0.0		
17	NA	S-5	14-19	100	92.5	NA	0.0	...horizontal fractures	
18							0.0		
19							0.0	...horizontal fractures	
20							0.0	...horizontal fractures	
21							0.0	...some small vugs	
22	NA	S-6	19-24	100	81.7	NA	0.0	...horizontal fractures	
23							0.0		
24							0.0		
25							0.0	...horizontal fractures	
26							0.0	...horizontal fractures	
27	NA	S-7	24-29	100	93.3	NA	0.0	...horizontal fractures	
28							0.0	...horizontal fractures	
29							0.0		

Notes:

- 1) Stratification lines represent approximate boundaries. Transitions may be gradual.
- 2) PID readings
- 3) NA = Not Available or Not Applicable
- 4) Headspace PID readings may be influenced by moisture

**TEST BORING TB-EW-4**

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Project #: 3681R-05  
 Project Address: 95 Mt. Read Boulevard  
Rochester, NY  
 DAY Representative: Nate Simon  
 Drilling Contractor: Nothnagle Drilling  
 Sampling Method: Direct Push

**TEST BORING TB-EW-4**

Page 3 of 4

Ground Elevation: NA Datum: NA  
 Date Started: 3/26/2008 Date Ended: 3/27/2008  
 Borehole Depth: 39.0' Borehole Diameter: 4.0"  
 Completion Method:  Well Installed  Backfilled with Grout  Backfilled with Cuttings  
 Water Level (Date): \_\_\_\_\_

Depth (ft)	Blows per 0.5 ft.	Sample Number	Sample Depth (ft)	% Recovery	N-Value or RQD%	Headspace PID (ppm)	PID Reading (ppm)	Sample Description	Notes
30							0.0	...horizontal fractures	
31									
32	NA	S-8	29-34	84	55.8	0.0	0.0	...horizontal fractures	
33							0.0		
34									
35							0.0		
36	NA	S-9	34-39	97.5	80.8	0.0	0.0		
37									
38							0.0		
39								End of Hole 39.0'	

- Notes: 1) Water levels were made at the times and under conditions stated. Fluctuations of groundwater levels may occur due to seasonal factors and other conditions.  
 2) Stratification lines represent approximate boundaries. Transitions may be gradual.  
 3) PID readings are referenced to a benzene standard measured in the headspace above the sample using a MiniRae 2000 equipped with a 10.6 eV lamp.  
 4) NA = Not Available or Not Applicable  
 5) Headspace PID readings may be influenced by moisture

**TEST BORING TB-EW-4**

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 Project Address: 95 Mt. Read Boulevard  
Rochester, NY  
 DAY Representative: M. Dickinson  
 Drilling Contractor: Nothnagle Drilling  
 Sampling Method: Direct Push

**TEST BORING EW-5 / MW-32**

Page 1 of 2

Ground Elevation: NA Datum: NA  
 Date Started: 3/27/2008 Date Ended: 3/27/2008  
 Borehole Depth: 17.5' Borehole Diameter: 5.0"  
 Completion Method:  Well Installed  Backfilled with Grout  Backfilled with Cuttings  
 Water Level (Date): \_\_\_\_\_

Depth (ft)	Blows per 0.5 ft.	Sample Number	Sample Depth (ft)	% Recovery	N-Value or RQD%	Headspace PID (ppm)	PID Reading (ppm)	Sample Description	Notes
1							0.0	Asphalt and sub-base	
2	NA	S-1	0-4	5	NA	NA	0.0	Brown/Tan, SAND, some Silt, trace Gravel, moist	
3							0.0		
4							0.0		
5							0.0		
6	NA	S-2	4-8	75	NA	NA	0.0	...Gravel and broken Cobbles	
7							0.0		
8							0.0		
9							0.0	...trace Silt, some Gravel, moist	
10	NA	S-3	8-10.2	70	NA	NA	0.0	...Red, Rock Lens	
11							0.0	Brown, Silty SAND, some Gravel/broken cobbles, wet	
12									
13							0.0		
14								Augar Refusal 14.0'	

- Notes: 1) Water levels were made at the times and under conditions stated. Fluctuations of groundwater levels may occur due to seasonal factors and other conditions.  
 2) Stratification lines represent approximate boundaries. Transitions may be gradual.  
 3) PID readings are referenced to a benzene standard measured in the headspace above the sample using a MiniRae 2000 equipped with a 10.6 eV lamp.  
 4) NA = Not Available or Not Applicable  
 5) Headspace PID readings may be influenced by moisture

**TEST BORING EW-5 / MW-32**

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 DAY Representative: M. Dickinson  
 Drilling Contractor: Nothnagle Drilling  
 Sampling Method: Direct Push

**TEST BORING EW-5 / MW-32**

Page 2 of 2

Ground Elevation: NA Datum: NA  
 Date Started: 3/27/2008 Date Ended: 3/27/2008  
 Borehole Depth: 17.5' Borehole Diameter: 5.0"  
 Completion Method:  Well Installed  Backfilled with Grout  Backfilled with Cuttings  
 Water Level (Date): \_\_\_\_\_

Depth (ft)	Blows per 0.5 ft.	Sample Number	Sample Depth (ft)	% Recovery	N-Value or RQD%	Headspace PID (ppm)	PID Reading (ppm)	Sample Description	Notes
15							0.0	Gray, massive Dolomite (lockport formation), some small vugs, slightly weathered	
16	NA	S-5	13-18	84.2	65.4	0.0	0.0		
17							0.0	... horizontal fractures	
End of Hole 17.5'									

- Notes: 1) Water levels were made at the times and under conditions stated. Fluctuations of groundwater levels may occur due to seasonal factors and other conditions.  
 2) Stratification lines represent approximate boundaries. Transitions may be gradual.  
 3) PID readings are referenced to a benzene standard measured in the headspace above the sample using a MiniRae 2000 equipped with a 10.6 eV lamp.  
 4) NA = Not Available or Not Applicable  
 5) Headspace PID readings may be influenced by moisture

**TEST BORING EW-5 / MW-32**

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Project #: 3681R-05  
 Project Address: 95 Mt. Read Boulevard  
 Rochester, New York  
 DAY Representative: T. DiNardo  
 Drilling Contractor: Nothnagle  
 Sampling Method: Hollow Storm Auger

**TEST BORING EW-6/MW-30**

Page 1 of 2

Ground Elevation: NA Datum: NA  
 Date Started: 3/4/2006 Date Ended: 3/5/2006  
 Borehole Depth: 20.5' Borehole Diameter: 4.25"  
 Completion Method:  Well Installed  Backfilled with Grout  Backfilled with Cuttings  
 Water Level (Date/Time):

Depth (ft)	Blows per 0.5 ft.	Sample Number	Sample Depth (ft)	% Recovery	N-Value or RQD%	PID Reading (ppm)	Sample Description	Notes
1						3.1	7"Concrete, Gravel/crushed Stone sub-base	
						8.0	Brown SILT, trace Sand, moist	
2	NA	S-1	0-4	95%	NA	1.0		
3								
4						0.0		
5						1		
6	NA	S-2	4-8	80%	NA	60		
7								
						10	Gray GRAVEL, moist	
8							Brown SILT, trace Sand, moist	
9						60	...wet	
10	NA	S-3	8-11	100%	NA	1		
11							Brown SAND, some Silt, wet	
12						100		
13	NA	S-4	12-16	100%	NA	300	Gray SAND, some Silt, wet	
14						2600		
							Auger refusal @ 14.6' (see next page)	

Notes: 1) Water levels were made at the times and under conditions stated. Fluctuations of groundwater levels may occur due to seasonal factors and other conditions.  
 2) Stratification lines represent approximate boundaries. Transitions may be gradual.  
 3) PID readings are referenced to a benzene standard measured in the headspace above the sample using a MiniRae 2000 equipped with a 10.6 eV lamp.  
 4) NA = Not Available or Not Applicable  
 5) Headspace PID readings may be influenced by moisture

**TEST BORING EW-6/MW-30**

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 Project Address: 95 Mt. Read Boulevard  
 Rochester, New York  
 DAY Representative: T. DiNardo  
 Drilling Contractor: Nothnagle  
 Sampling Method: Hollow Storm Auger

TEST BORING EW-6/MW-30

Ground Elevation: NA Datum: NA Page 2 of 2  
 Date Started: 3/4/2006 Date Ended: 3/5/2006  
 Borehole Depth: 20.5' Borehole Diameter: 4.25"  
 Completion Method:  Well Installed  Backfilled with Grout  Backfilled with Cuttings  
 Water Level (Date/Time):

Depth (ft)	Blows per 0.5 ft.	Sample Number	Sample Depth (ft)	% Recovery	N-Value or RQD%	PID Reading (ppm)	Sample Description	Notes
15							Rounded weathered LOCKPORT DOLOMITE with angular/vertical fractures	
16	NA	NA	NA	85	68	0.0		
17								
18								
19								
20								
21							Bottom of Coring (20.5')	

Notes: 1) Water levels were made at the times and under conditions stated. Fluctuations of groundwater levels may occur due to seasonal factors and other conditions.  
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 4) NA = Not Available or Not Applicable  
 5) Headspace PID readings may be influenced by moisture

TEST BORING EW-6/MW-30

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Project #: 3681R-05  
 Project Address: 95 Mt. Read Blvd.  
Rochester, NY  
 DAY Representative: W. Batiste / N. Simon  
 Drilling Contractor: QISI  
 Sampling Method: Direct Push  
Acker Soil Scout

Ground Elevation: \_\_\_\_\_ Datum: \_\_\_\_\_  
 Date Started: 11/13/2012 Date Ended: 11/13/2012  
 Borehole Depth: 18.0' Borehole Diameter: 4.25  
 Completion Method:  Well Installed  Backfilled with Grout  Backfilled with Cuttings  
 Water Level (Date): \_\_\_\_\_

**Test Boring EW-7**

Depth (ft)	Blows per 0.5 ft.	Sample Number	Sample Depth (ft)	% Recovery	N-Value or RQD%	Headspace PID (ppm)	PID Reading (ppm)	Sample Description	Notes
1	NA	S-1	0-2	100	NA	0.0	0.0	Brown, fine SAND, little Silt, little fine to medium Gravel, moist	
							0.0	Dark Brown, fine SAND and SILT, some fine to medium Gravel, moist	
							0.0	...light brown, little fine to medium Gravel	
2	NA	S-2	2-4	100	NA	0.0	0.0	...brown, some fine to coarse Gravel	
							0.0		
							0.0		
3	NA	S-3	4-6	100	NA	0.0	0.0	Brown, SAND, little Silt, trace medium to coarse Gravel, moist	
							0.0	Light Brown, fine SAND, little Silt, some fine Gravel, moist	
							0.0		
4	NA	S-4	6-8	10	NA	0.0	0.0		
5	NA	S-5	8-10	0	NA	NA	--		
6	NA	S-6	10-12	80	NA	0.0	0.0	...Light Gray, wet	
							0.1		
							0.6		
7	NA	S-7	12-13	100	NA	0.0	0.0		
13								Auger refusal @ 13.1 ft.	
14									
15									
16									

**Notes:** 1) Water levels were made at the times and under conditions stated. Fluctuations of groundwater levels may occur due to seasonal factors and other conditions.  
 2) Stratification lines represent approximate boundaries. Transitions may be gradual.  
 3) PID readings are referenced to a benzene standard measured in the headspace above the sample using a MiniRae 2000 equipped with a 10.6 eV lamp.  
 4) NA = Not Available or Not Applicable  
 5) Headspace PID readings may be influenced by moisture

**Test Boring EW-7**

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 (212) 986-8645  
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Project #: 3681R-05  
 Project Address: 95 Mt. Read Blvd.  
Rochester, NY  
 DAY Representative: W. Batiste / N. Simon  
 Drilling Contractor: QISI  
 Sampling Method: Direct Push  
Acker Soil Scout

Ground Elevation: \_\_\_\_\_ Datum: \_\_\_\_\_  
 Date Started: 11/13/2012 Date Ended: 11/13/2012  
 Borehole Depth: 18.0' Borehole Diameter: 4.25  
 Completion Method:  Well Installed  Backfilled with Grout  Backfilled with Cuttings  
 Water Level (Date): \_\_\_\_\_

**Test Boring EW-7**

Depth (ft)	Blows per 0.5 ft.	Sample Number	Sample Depth (ft)	% Recovery	N-Value or RQD%	Headspace PID (ppm)	PID Reading (ppm)	Sample Description	Notes
13									
14							0.0	Gray Dolomite, slightly weathered, horizontal fractures, wet	
15	NA	C-1	13-18	100	87	NA	0.0	...Multiple fractures concentrated @ 16' - 22'	
16							0.0		
17									
18									
19									
20									
21									
22									
23									
24									
25									
26									
27									
28									

- Notes:**
- 1) Water levels were made at the times and under conditions stated. Fluctuations of groundwater levels may occur due to seasonal factors and other conditions.
  - 2) Stratification lines represent approximate boundaries. Transitions may be gradual.
  - 3) PID readings are referenced to a benzene standard measured in the headspace above the sample using a MiniRae 2000 equipped with a 10.6 eV lamp.
  - 4) NA = Not Available or Not Applicable
  - 5) Headspace PID readings may be influenced by moisture

**Test Boring EW-7**

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 Project Address: 95 Mt. Read Boulevard  
Rochester, NY  
 DAY Representative: N. Simon  
 Drilling Contractor: Nothnagle Drilling  
 Sampling Method: Direct Push/H-Core

**TEST BORING MW-33**

Page 1 of 2

Ground Elevation: NA Datum: NA  
 Date Started: 3/28/2008 Date Ended: 3/29/2008  
 Borehole Depth: 15.8' Borehole Diameter: 4.0"  
 Completion Method:  Well Installed  Backfilled with Grout  Backfilled with Cuttings  
 Water Level (Date): \_\_\_\_\_

Depth (ft)	Blows per 0.5 ft.	Sample Number	Sample Depth (ft)	% Recovery	N-Value or RQD%	Headspace PID (ppm)	PID Reading (ppm)	Sample Description	Notes
1							0.0	Concrete and sub-base	
2	NA	S-1	0-4	60	NA	0.0	0.0	Brown, SAND and GRAVEL, some Silt, moist	
3							0.0		
4							0.0		
5							0.0	Brown, SAND, some Gravel, trace Silt, moist	
6	NA	S-2	4-8	40	NA	0.0	0.0		
7							0.0		
8							0.0	Brown, Silty SAND, trace Gravel, trace Clay, wet	
9							0.0		
10	NA	S-3	8-12	80	NA	0.0	0.0		
11							0.0		
12							0.0		
13	NA	S-4	12-15.3	90	NA	0.0	0.0		
14									
15								Auger Refusal @ 15.3'	

- Notes: 1) Water levels were made at the times and under conditions stated. Fluctuations of groundwater levels may occur due to seasonal factors and other conditions.  
 2) Stratification lines represent approximate boundaries. Transitions may be gradual.  
 3) PID readings are referenced to a benzene standard measured in the headspace above the sample using a MiniRae 2000 equipped with a 10.6 eV lamp.  
 4) NA = Not Available or Not Applicable  
 5) Headspace PID readings may be influenced by moisture

**TEST BORING MW-33**

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 Project Address: 95 Mt. Read Boulevard  
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 DAY Representative: N. Simon  
 Drilling Contractor: Nothnagle Drilling  
 Sampling Method: Direct Push/H-Core

**TEST BORING MW-33**

Page 1 of 2

Ground Elevation: NA Datum: NA  
 Date Started: 3/28/2008 Date Ended: 3/29/2008  
 Borehole Depth: 20.2 Borehole Diameter: 4.0"  
 Completion Method:  Well Installed  Backfilled with Grout  Backfilled with Cuttings  
 Water Level (Date): \_\_\_\_\_

Depth (ft)	Blows per 0.5 ft.	Sample Number	Sample Depth (ft)	% Recovery	N-Value or RQD%	Headspace PID (ppm)	PID Reading (ppm)	Sample Description	Notes
16							0.0	Gray Massive Dolomite (lockport formation) slightly weathered	
17	NA	S-5	15.3-20.3	90	85	0.0	0.0	... horizontal fractures	
18							0.0		
19							0.0	... horizontal fractures	
20								End of hole 20.3	

- Notes: 1) Water levels were made at the times and under conditions stated. Fluctuations of groundwater levels may occur due to seasonal factors and other conditions.  
 2) Stratification lines represent approximate boundaries. Transitions may be gradual.  
 3) PID readings are referenced to a benzene standard measured in the headspace above the sample using a MiniRae 2000 equipped with a 10.6 eV lamp.  
 4) NA = Not Available or Not Applicable  
 5) Headspace PID readings may be influenced by moisture

**TEST BORING MW-33**

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 Project Address: 95 Mt. Read Boulevard  
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 DAY Representative: N. Simon  
 Drilling Contractor: Nothnagle Drilling  
 Sampling Method: Direct Push/H-Core

**TEST BORING MW-34**

Page 1 of 2

Ground Elevation: NA Datum: NA  
 Date Started: 3/30/2008 Date Ended: 3/30/2008  
 Borehole Depth: 20.0' Borehole Diameter: 4.0"  
 Completion Method:  Well Installed  Backfilled with Grout  Backfilled with Cuttings  
 Water Level (Date): \_\_\_\_\_

Depth (ft)	Blows per 0.5 ft.	Sample Number	Sample Depth (ft)	% Recovery	N-Value or RQD%	Headspace PID (ppm)	PID Reading (ppm)	Sample Description	Notes
1							0.0	Brown SAND, some Silt, trace Gravel, moist	
2	NA	S-1	1-5	40	NA	0.0	0.0		
3							0.0		
4									
5							0.0		
6	NA	S-2	5-9	60	NA	0.0	0.0	Gray, Silty SAND, some Clay, trace Gravel, moist	
7									
8							0.0	...wet	
9									
10	NA	S-3	9-13	60	NA	0.0	0.0	...some Gravel	
11									
12									
13	NA	S-4	13-14	65	NA	0.0	0.0	...trace Gravel	
14								Refusal @ 14.4'	

- Notes: 1) Water levels were made at the times and under conditions stated. Fluctuations of groundwater levels may occur due to seasonal factors and other conditions.  
 2) Stratification lines represent approximate boundaries. Transitions may be gradual.  
 3) PID readings are referenced to a benzene standard measured in the headspace above the sample using a MiniRae 2000 equipped with a 10.6 eV lamp.  
 4) NA = Not Available or Not Applicable  
 5) Headspace PID readings may be influenced by moisture

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Project #: 3681R-05  
 Project Address: 95 Mt. Read Boulevard  
 Rochester, NY  
 DAY Representative: N. Simon  
 Drilling Contractor: Notnagle Drilling  
 Sampling Method: Direct Push/H-Core

**TEST BORING MW-34**

Page 1 of 2

Ground Elevation: NA Datum: NA  
 Date Started: 3/28/2008 Date Ended: 3/29/2008  
 Borehole Depth: 20.2 Borehole Diameter: 4.0"  
 Completion Method:  Well Installed  Backfilled with Grout  Backfilled with Cuttings  
 Water Level (Date):

Depth (ft)	Blows per 0.5 ft.	Sample Number	Sample Depth (ft)	% Recovery	N-Value or RQD%	Headspace PID (ppm)	PID Reading (ppm)	Sample Description	Notes
15							0.0	Gray Massive Dolomite (lockport formation) slightly to moderately weathered	
16								... horizontal fractures	
17	NA	S-5	14.5-20.0	96	87.5	0.0	0.0	... horizontal fractures	
18								... horizontal fractures	
19							0.0		
20								End of hole 20.0	

- Notes: 1) Water levels were made at the times and under conditions stated. Fluctuations of groundwater levels may occur due to seasonal factors and other conditions.  
 2) Stratification lines represent approximate boundaries. Transitions may be gradual.  
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 4) NA = Not Available or Not Applicable  
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**TEST BORING MW-34**

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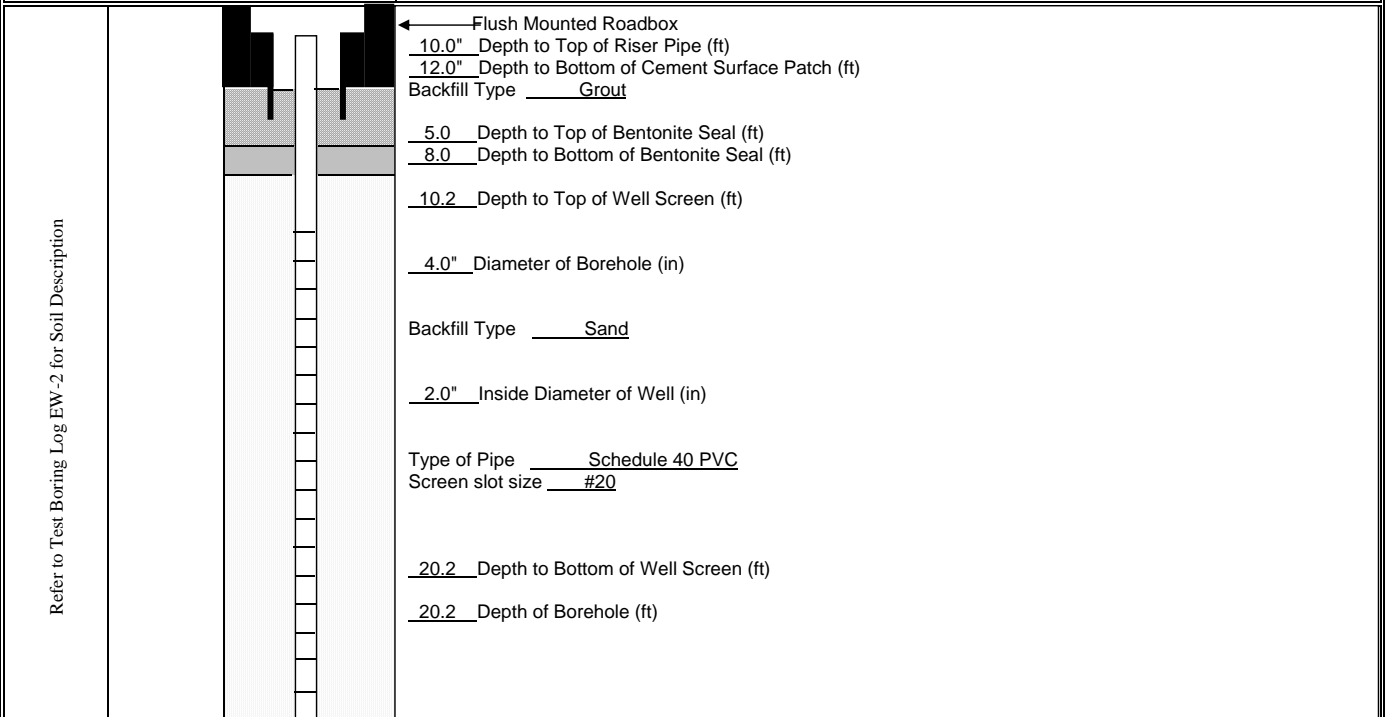
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MONITORING WELL CONSTRUCTION DIAGRAM

Project #: <u>3681R-05</u>			<b>MONITORING WELL EW-2</b>
Project Address: <u>95 Mt. Read Boulevard</u>			
<u>Rochester, NY</u>	Ground Elevation:	Datum:	<u>Page 1 of 1</u>
DAY Representative: <u>Nate Simon</u>	Date Started: <u>3/27/2008</u>	Date Ended: <u>3/27/2008</u>	
Drilling Contractor: <u>Nothnagle Drilling</u>	Water Level (Date): _____		



Notes: 1) Water levels were made at the times and under conditions stated. Fluctuations of groundwater levels may occur due to seasonal factors and other conditions.  
 2) NA = Not Available or Not Applicable

**MONITORING WELL EW-2**

S:\Fieldforms\Monitoring Well Installation Log (revised October 2006)

40 COMMERCIAL STREET  
 ROCHESTER, NEW YORK 14614-1008  
 (585) 454-0210  
 FAX (585) 454-0825

www.dayenvironmental.com

NEW YORK, NEW YORK 10165-1617  
 (212) 986-8645  
 FAX (212) 986-8657



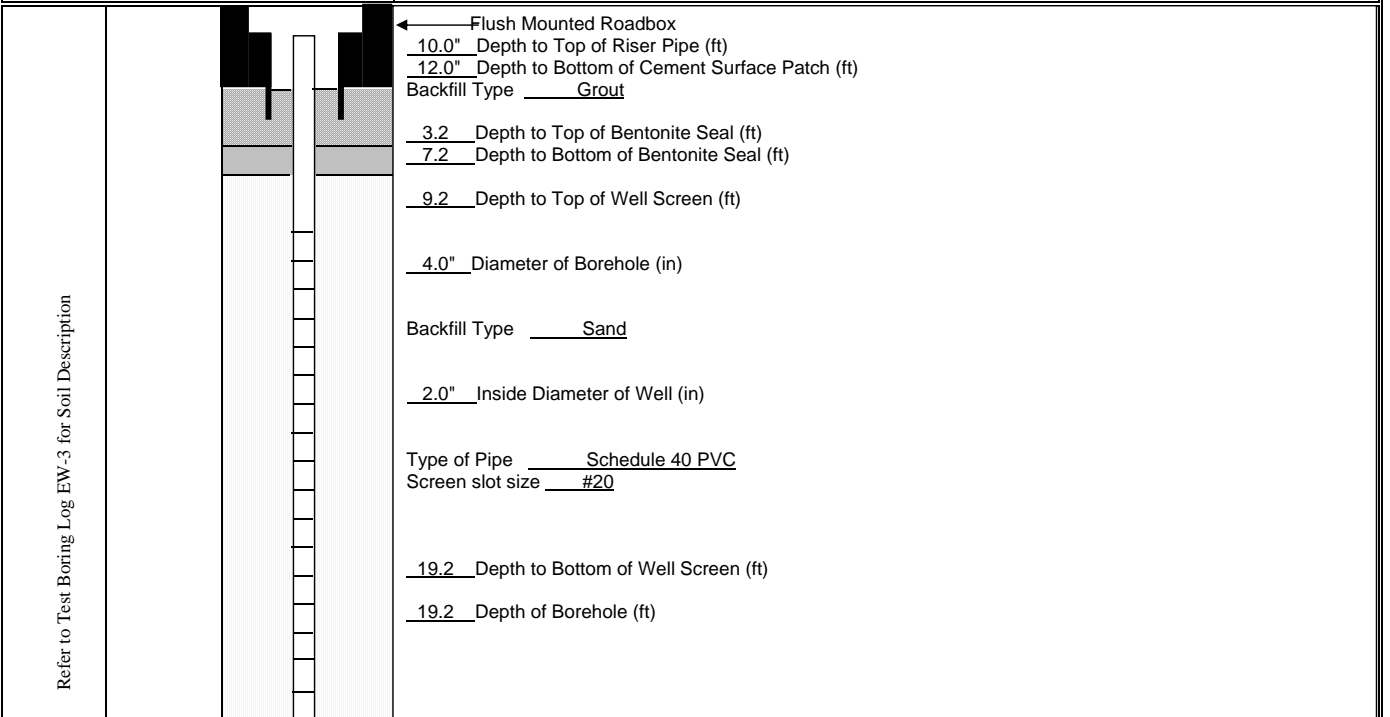
DAY ENVIRONMENTAL, INC.

ENVIRONMENTAL CONSULTANTS

AN AFFILIATE OF DAY ENGINEERING, P.C.

MONITORING WELL CONSTRUCTION DIAGRAM

Project #: <u>3681R-05</u>			<b>MONITORING WELL EW-3</b>
Project Address: <u>95 Mt. Read Boulevard</u> <u>Rochester, NY</u>	Ground Elevation: _____	Datum: _____	Page 1 of 1
DAY Representative: <u>Nate Simon</u>	Date Started: <u>3/22/2008</u>	Date Ended: <u>3/22/2008</u>	
Drilling Contractor: <u>Nothnagle Drilling</u>	Water Level (Date): _____		



Notes: 1) Water levels were made at the times and under conditions stated. Fluctuations of groundwater levels may occur due to seasonal factors and other conditions.  
 2) NA = Not Available or Not Applicable

**MONITORING WELL EW-3**

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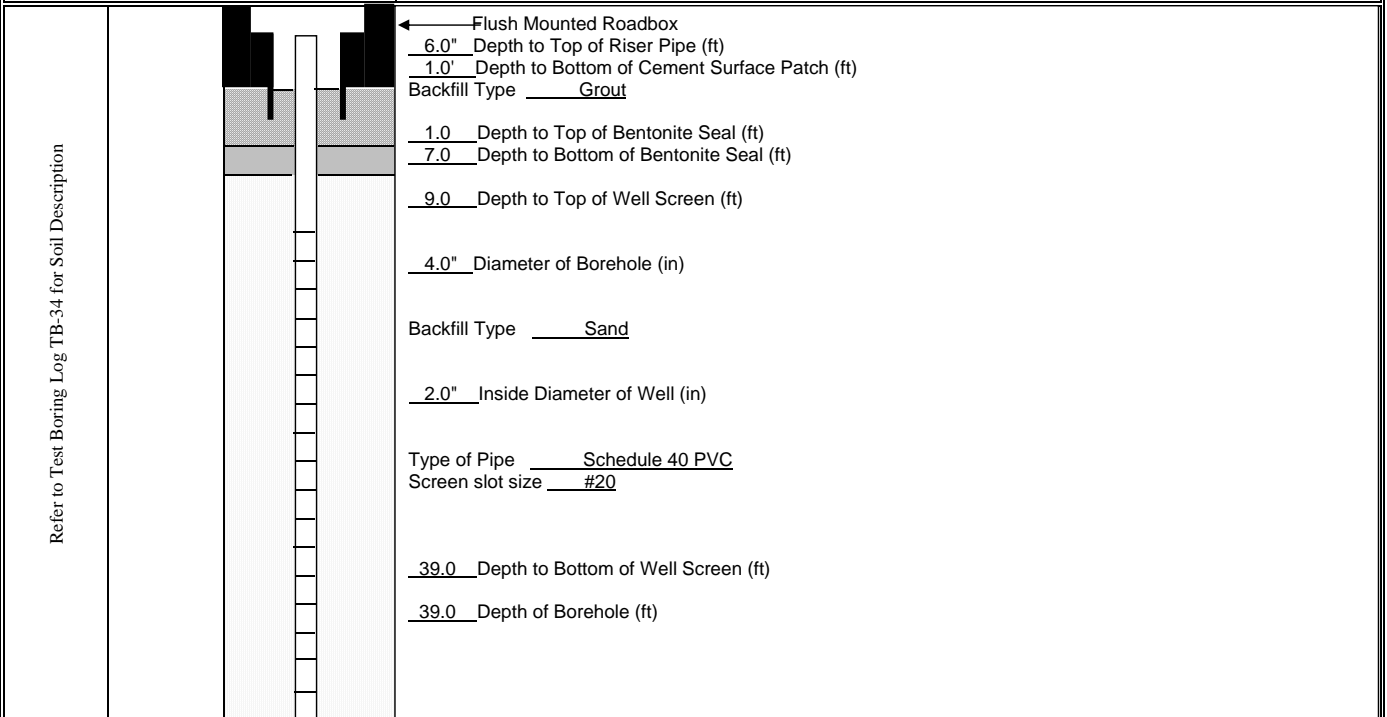
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ENVIRONMENTAL CONSULTANTS

AN AFFILIATE OF DAY ENGINEERING, P.C.

MONITORING WELL CONSTRUCTION DIAGRAM

Project #: <u>3681R-05</u>			<b>MONITORING WELL EW-4</b>
Project Address: <u>95 Mt. Read Boulevard</u> <u>Rochester, NY</u>	Ground Elevation:	Datum:	<u>Page 1 of 1</u>
DAY Representative: <u>Nate Simon</u>	Date Started: <u>3/26/2008</u>	Date Ended: <u>3/27/2008</u>	
Drilling Contractor: <u>Nothnagle Drilling</u>	Water Level (Date): _____		



Notes: 1) Water levels were made at the times and under conditions stated. Fluctuations of groundwater levels may occur due to seasonal factors and other conditions.  
 2) NA = Not Available or Not Applicable

**MONITORING WELL EW-4**

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 (212) 986-8645  
 FAX (212) 986-8657



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ENVIRONMENTAL CONSULTANTS  
AN AFFILIATE OF DAY ENGINEERING, P.C.

MONITORING WELL CONSTRUCTION DIAGRAM

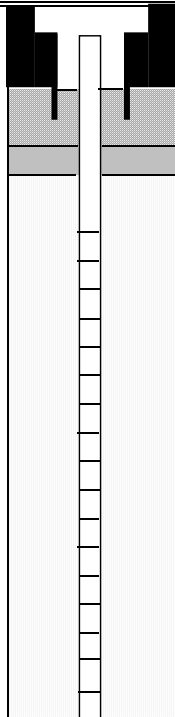
Project #: 3681R-05  
Project Address: 95 Mt. Read Boulevard  
Rochester, NY  
DAY Representative: Nate Simon  
Drilling Contractor: Nothnagle Drilling

MONITORING WELL EW-5 / MW-32

Ground Elevation: \_\_\_\_\_ Datum: \_\_\_\_\_  
Date Started: 3/27/2008 Date Ended: 3/27/2008  
Water Level (Date): \_\_\_\_\_

Page 1 of 1

Refer to Test Boring Log EW-5 for Soil Description



← Flush Mounted Roadbox  
10.0' Depth to Top of Riser Pipe (ft)  
12.0' Depth to Bottom of Cement Surface Patch (ft)  
Backfill Type Grout  
3.5' Depth to Top of Bentonite Seal (ft)  
5.5' Depth to Bottom of Bentonite Seal (ft)  
7.5' Depth to Top of Well Screen (ft)  
4.0" Diameter of Borehole (in)  
Backfill Type Sand  
2.0" Inside Diameter of Well (in)  
Type of Pipe Schedule 40 PVC  
Screen slot size #20  
17.5' Depth to Bottom of Well Screen (ft)  
17.5' Depth of Borehole (ft)

Notes: 1) Water levels were made at the times and under conditions stated. Fluctuations of groundwater levels may occur due to seasonal factors and other conditions.  
2) NA = Not Available or Not Applicable

MONITORING WELL EW-5 / MW-32

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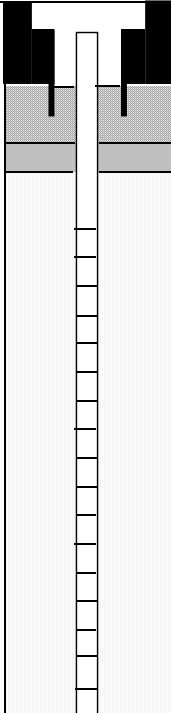


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MONITORING WELL INSTALLATION LOG

Project #:	3681R-05			<b>MONITORING WELL EW-6/MW-30</b>		
Project Address:	95 Mt. Read Boulevard					
	Rochester, New York	Ground Elevation:	NA	Datum:	NA	Page 1 of 1
DAY Representative:		Date Started:	3/4/2006	Date Ended:	3/4/2006	
Drilling Contractor:	Nothnagle Drilling	Water Level (Date/Time): _____				

Refer to Test Boring Log EW-6/MW-30 for Soil Description		← Flush Mounted Roadbox _____ Depth to Top of Riser Pipe (ft) <u>1.0</u> _____ Depth to Bottom of Cement Surface Patch (ft) Backfill Type <u>Sand</u>  <u>3.0</u> _____ Depth to Top of Bentonite Seal (ft) <u>7.0</u> _____ Depth to Bottom of Bentonite Seal (ft)  <u>8.8</u> _____ Depth to Top of Well Screen (ft)  <u>4.25</u> _____ Diameter of Borehole (in)  Backfill Type _____  <u>2.0</u> _____ Inside Diameter of Well (in)  Type of Pipe <u>PVC</u> Screen slot size <u>20</u>  <u>18.8</u> _____ Depth to Bottom of Well Screen (ft) <u>19.0</u> _____ Depth of Borehole (ft)	Notes/Materials Used Water <u>60 Gallons lost</u>  Bentonite <u>3/4 bag</u>  Sand <u>2 1/4 bags</u>
--	--	---	--

Notes: 1) Water levels were made at the times and under conditions stated. Fluctuations of groundwater levels may occur due to seasonal factors and other conditions.  
 2) NA = Not Available or Not Applicable

**MONITORING WELL EW-6/ MW-30**

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 FAX (212) 986-8657



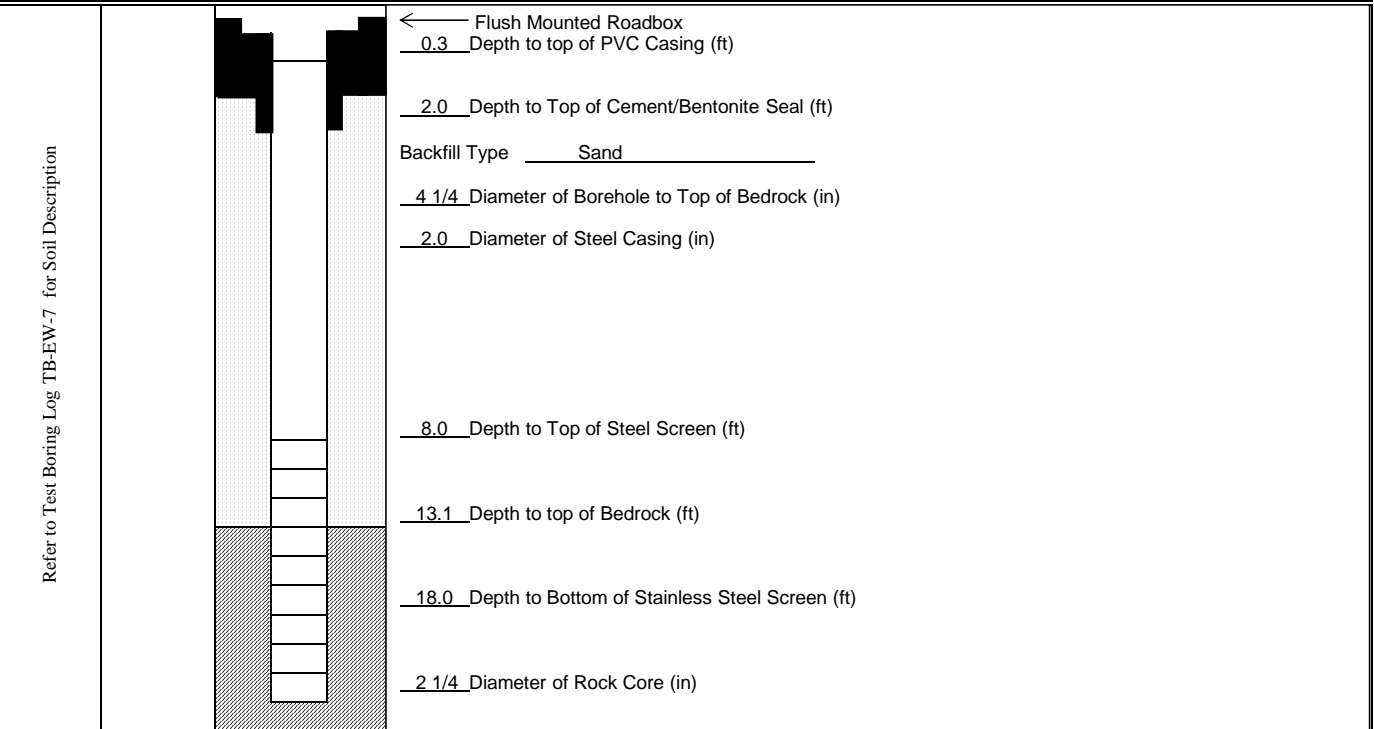
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MONITORING WELL CONSTRUCTION DIAGRAM

Project #: <u>3681R-05</u>			<b>MONITORING WELL EW-7</b>
Project Address: <u>95 Mt. Read Blvd</u> <u>Rochester, NY</u>	Ground Elevation: <u>--</u>	Datum: <u>--</u>	
DAY Representative: <u>W. Batiste, N. Simon</u>	Date Started: <u>11/13/2012</u>	Date Ended: <u>11/14/2012</u>	
Drilling Contractor: <u>QIQC</u>	Water Level (Date): <u>~ 10.0' (11-13-12)</u>		



Notes: 1) Water levels were made at the times and under conditions stated. Fluctuations of groundwater levels may occur due to seasonal factors and other conditions.  
 2) NA = Not Available or Not Applicable

**MONITORING WELL EW-7**

1563 LYELL AVENUE  
 ROCHESTER, NEW YORK 14606  
 (585) 454-0210  
 FAX (585) 454-0825

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

420 LEXINGTON AVENUE, SUITE 300  
 NEW YORK, NEW YORK 10170  
 (212) 986-8645  
 FAX (212) 986-8657



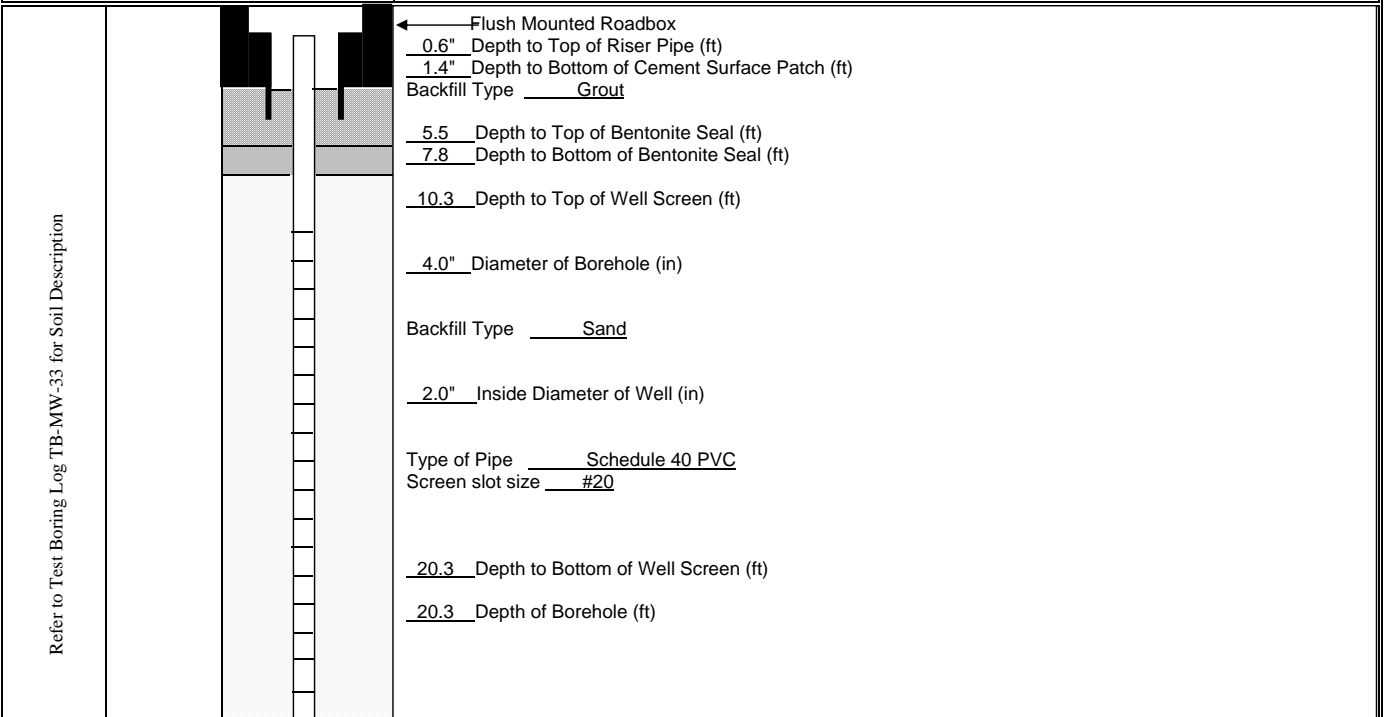
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MONITORING WELL CONSTRUCTION DIAGRAM

Project #: <u>3681R-05</u>			<b>MONITORING WELL MW-33</b>
Project Address: <u>95 Mt. Read Boulevard</u> <u>Rochester, NY</u>	Ground Elevation:	Datum:	Page 1 of 1
DAY Representative: <u>Nate Simon</u>	Date Started: <u>3/30/2008</u>	Date Ended: <u>3/30/2008</u>	
Drilling Contractor: <u>Nothnagle Drilling</u>	Water Level (Date): _____		



Notes: 1) Water levels were made at the times and under conditions stated. Fluctuations of groundwater levels may occur due to seasonal factors and other conditions.  
 2) NA = Not Available or Not Applicable

**MONITORING WELL MW-33**

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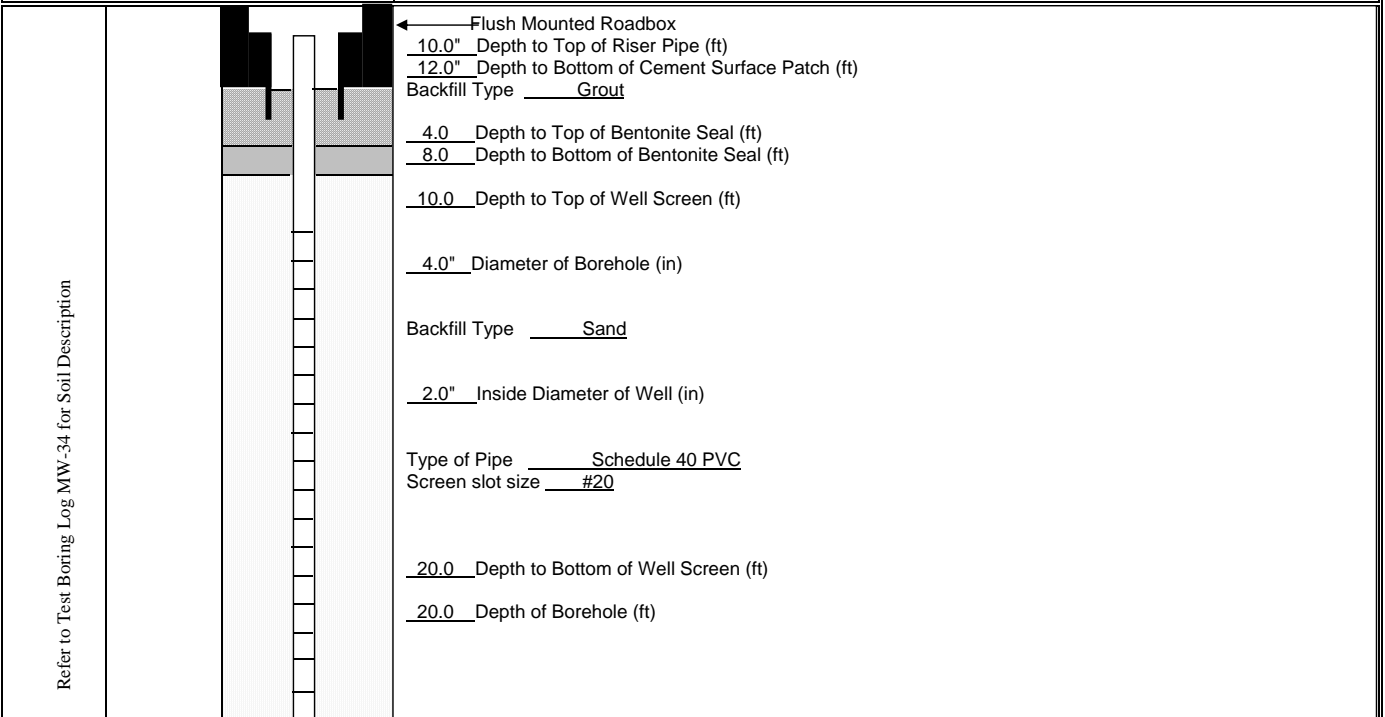
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AN AFFILIATE OF DAY ENGINEERING, P.C.

MONITORING WELL CONSTRUCTION DIAGRAM

Project #: <u>3681R-05</u>			<b>MONITORING WELL MW-34</b>
Project Address: <u>95 Mt. Read Boulevard</u> <u>Rochester, NY</u>	Ground Elevation:	Datum:	Page 1 of 1
DAY Representative: <u>Nate Simon</u>	Date Started: <u>3/23/2008</u>	Date Ended: <u>3/23/2008</u>	
Drilling Contractor: <u>Nothnagle Drilling</u>	Water Level (Date): _____		



Notes: 1) Water levels were made at the times and under conditions stated. Fluctuations of groundwater levels may occur due to seasonal factors and other conditions.  
 2) NA = Not Available or Not Applicable

**MONITORING WELL MW-34**

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**APPENDIX B**

**DRUMMED CONTENTS  
WASTE CHARACTERIZATION DATA  
AND HAZARDOUS WASTE MANIFEST**

## Analytical Report Cover Page

Day Environmental

For Lab Project # 09-0619

Issued February 24, 2009

This report contains a total of 8 pages

The reported results relate only to the samples as they have been received by the laboratory.

Any noncompliant QC parameters having impact on the data are flagged or documented on the final report.

All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

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The Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt. Sample condition requirements are defined under the 2003 NELAC Standard, sections 5.5.8.3.1 and 5.5.8.3.2.

NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified.

Data qualifiers are used, when necessary, to provide additional information about the data. This information may be communicated as a flag or as text at the bottom of the report. Please refer to the following list of frequently used data flags and their meaning:

**"ND" = analyzed for but not detected.**

**"E" = Result has been estimated, calibration limit exceeded.**

**"D" = Duplicate results outside QC limits. May indicate a non-homogenous matrix.**

**"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.**

**"B" = Method blank contained trace levels of analyte. Refer to included method blank report.**

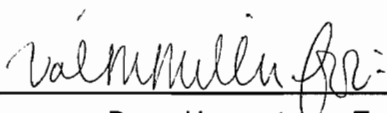
<b>Client:</b>	<u>Day Environmental</u>	<b>Lab Project No.:</b>	09-0619
<b>Client Job Site:</b>	Maguir. 3681R-05	<b>Lab Sample No.:</b>	2474
<b>Client Job No.:</b>	N/A	<b>Sample Type:</b>	TCLP Extract
<b>Field Location:</b>	Set 1 Comp D-5,D-9,D14-24(13:1)	<b>Date Sampled:</b>	02/03-11/2009
<b>Field ID No.:</b>	N/A	<b>Date Received:</b>	02/17/2009

### Laboratory Report for TCLP Metals Analysis

Parameter	Date Analyzed	Analytical Method	Result (mg/L)	Regulatory Limit (mg/L)
<b>TCLP Metal Series</b>				
Arsenic	02/23/2009	EPA 6010	<0.100	5.0
Barium	02/23/2009	EPA 6010	1.28	100.0
Cadmium	02/23/2009	EPA 6010	<0.025	1.0
Chromium	02/23/2009	EPA 6010	<0.050	5.0
Lead	02/23/2009	EPA 6010	<0.100	5.0
Mercury	02/19/2009	EPA 7470	<0.0020	0.2
Selenium	02/23/2009	EPA 6010	<0.100	1.0
Silver	02/23/2009	EPA 6010	<0.050	5.0

ELAP ID No.: 10958

Comments:

**Approved By:**   
 Bruce Hoogesteger, Technical Director

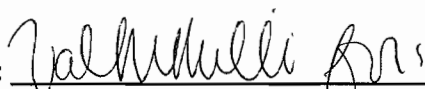
<b>Client:</b>	<u>Day Environmental</u>	<b>Lab Project No.:</b>	09-0619
<b>Client Job Site:</b>	Maguir. 3681R-05	<b>Lab Sample No.:</b>	2475
<b>Client Job No.:</b>	N/A	<b>Sample Type:</b>	TCLP Extract
<b>Field Location:</b>	Set 2 Comp D1-4,D-6,7,8,10,11,12,13,D-25,C-1(13:1)	<b>Date Sampled:</b>	02/11/2009
<b>Field ID No.:</b>	N/A	<b>Date Received:</b>	02/17/2009

### Laboratory Report for TCLP Metals Analysis

Parameter	Date Analyzed	Analytical Method	Result (mg/L)	Regulatory Limit (mg/L)
<b>TCLP Metal Series</b>				
Arsenic	02/23/2009	EPA 6010	<0.100	5.0
Barium	02/23/2009	EPA 6010	1.05	100.0
Cadmium	02/23/2009	EPA 6010	<0.025	1.0
Chromium	02/23/2009	EPA 6010	<0.050	5.0
Lead	02/23/2009	EPA 6010	<0.100	5.0
Mercury	02/19/2009	EPA 7470	<0.0020	0.2
Selenium	02/23/2009	EPA 6010	<0.100	1.0
Silver	02/23/2009	EPA 6010	<0.050	5.0

ELAP ID No.: 10958

Comments:

**Approved By:**   
 Bruce Hoogesteger, Technical Director



**Volatile Analysis Report for Soils/Solids/Sludges**Client: **Day Environmental**

Client Job Site: Maguir. 3681R-05

Lab Project Number: 09-0619

Lab Sample Number: 2474

Client Job Number: N/A

Field Location: Set 1 Comp D-5,D-9,D14-24(13:1)

Date Sampled: 02/03-11/2009

Field ID Number: N/A

Date Received: 02/17/2009

Sample Type: Solid

Date Analyzed: 02/17/2009

Halocarbons	Results in ug / Kg
Bromodichloromethane	ND< 8.31
Bromomethane	ND< 8.31
Bromoform	ND< 20.8
Carbon Tetrachloride	ND< 20.8
Chloroethane	ND< 8.31
Chloromethane	ND< 8.31
2-Chloroethyl vinyl Ether	ND< 41.6
Chloroform	ND< 8.31
Dibromochloromethane	ND< 8.31
1,1-Dichloroethane	ND< 8.31
1,2-Dichloroethane	ND< 8.31
1,1-Dichloroethene	ND< 8.31
cis-1,2-Dichloroethene	19.1
trans-1,2-Dichloroethene	ND< 8.31
1,2-Dichloropropane	ND< 8.31
cis-1,3-Dichloropropene	ND< 8.31
trans-1,3-Dichloropropene	ND< 8.31
Methylene chloride	ND< 20.8
1,1,2,2-Tetrachloroethane	ND< 8.31
Tetrachloroethene	61.2
1,1,1-Trichloroethane	ND< 8.31
1,1,2-Trichloroethane	ND< 8.31
Trichloroethene	29.1
Trichlorofluoromethane	ND< 8.31
Vinyl chloride	ND< 8.31

Aromatics	Results in ug / Kg
Benzene	ND< 8.31
Chlorobenzene	ND< 8.31
Ethylbenzene	ND< 8.31
Toluene	ND< 8.31
m,p-Xylene	ND< 8.31
o-Xylene	ND< 8.31
Styrene	ND< 20.8
1,2-Dichlorobenzene	ND< 20.8
1,3-Dichlorobenzene	ND< 20.8
1,4-Dichlorobenzene	ND< 8.31

Ketones	Results in ug / Kg
Acetone	ND< 41.6
2-Butanone	ND< 41.6
2-Hexanone	ND< 20.8
4-Methyl-2-pentanone	ND< 20.8

Miscellaneous	Results in ug / Kg
Carbon disulfide	ND< 8.31
Vinyl acetate	ND< 20.8

ELAP Number 10958

Method: EPA 8260B

Data File: V63484.D

Comments: ND denotes Non Detect

ug / Kg = microgram per Kilogram

Surrogate outliers indicate probable matrix interference

Signature: \_\_\_\_\_

Bruce Hoogesteger: Technical Director

### Volatile Analysis Report for Soils/Solids/Sludges

**Client:** Day Environmental
**Client Job Site:** Maguir. 3681R-05

**Lab Project Number:** 09-0619

**Lab Sample Number:** 2475

**Client Job Number:** N/A

**Field Location:** Set 2 Comp D1-4,D-6,7,8,10,11,12,13,D-25,C-1(13:1) **Date Sampled:** 02/11/2009

**Field ID Number:** N/A **Date Received:** 02/17/2009

**Sample Type:** Solid **Date Analyzed:** 02/17/2009

Halocarbons	Results in ug / Kg
Bromodichloromethane	ND< 10,500
Bromomethane	ND< 10,500
Bromoform	ND< 26,300
Carbon Tetrachloride	ND< 26,300
Chloroethane	ND< 10,500
Chloromethane	ND< 10,500
2-Chloroethyl vinyl Ether	ND< 52,500
Chloroform	ND< 10,500
Dibromochloromethane	ND< 10,500
1,1-Dichloroethane	ND< 10,500
1,2-Dichloroethane	ND< 10,500
1,1-Dichloroethene	ND< 10,500
cis-1,2-Dichloroethene	24,100
trans-1,2-Dichloroethene	ND< 10,500
1,2-Dichloropropane	ND< 10,500
cis-1,3-Dichloropropene	ND< 10,500
trans-1,3-Dichloropropene	ND< 10,500
Methylene chloride	ND< 26,300
1,1,2,2-Tetrachloroethane	ND< 10,500
Tetrachloroethene	77,400
1,1,1-Trichloroethane	ND< 10,500
1,1,2-Trichloroethane	ND< 10,500
Trichloroethene	36,800
Trichlorofluoromethane	ND< 10,500
Vinyl chloride	ND< 10,500

Aromatics	Results in ug / Kg
Benzene	ND< 10,500
Chlorobenzene	ND< 10,500
Ethylbenzene	ND< 10,500
Toluene	ND< 10,500
m,p-Xylene	ND< 10,500
o-Xylene	ND< 10,500
Styrene	ND< 26,300
1,2-Dichlorobenzene	ND< 26,300
1,3-Dichlorobenzene	ND< 26,300
1,4-Dichlorobenzene	ND< 10,500

Ketones	Results in ug / Kg
Acetone	ND< 52,500
2-Butanone	ND< 52,500
2-Hexanone	ND< 26,300
4-Methyl-2-pentanone	ND< 26,300

Miscellaneous	Results in ug / Kg
Carbon disulfide	ND< 10,500
Vinyl acetate	ND< 26,300

ELAP Number 10958

Method: EPA 8260B

Data File: V63484.D

Comments: ND denotes Non Detect

ug / Kg = microgram per Kilogram

Surrogate outliers indicate probable matrix interference

Signature:

  
 Bruce Hoogesteger: Technical Director

# PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue  
Rochester, NY 14608  
(585) 647-2530 • (800) 724-1997  
FAX: (585) 647-3311

## CHAIN OF CUSTODY

REPORT TO:				INVOICE TO:			
COMPANY: <b>DAY ENVIRONMENTAL</b>	ADDRESS: <b>40 Commercial St.</b>			COMPANY:	ADDRESS:		
CITY: <b>Rochester</b>	STATE: <b>NY</b>	ZIP: <b>14614</b>	PHONE: <b>585 454 0210</b>	<b>SAME</b>			
ATTN: <b>NATE SIMON</b>				ATTN:			
COMMENTS: <b>PLEASE E-MAIL RESULTS TO NSIMON@DAYMAIL.NET</b>				QUOTE #:			
LAB PROJECT #: <b>09-0619</b>				CLIENT PROJECT #:			
TURNAROUND TIME: (WORKING DAYS)				STD <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>			
PROJECT NAME/SITE NAME: <b>Maguir. 36812-05</b>				1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input checked="" type="checkbox"/>			

DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	COUNTAINERS	TCLP Methods	TCL VOCs Method	FOR	REMARKS	PARADIGM LAB SAMPLE NUMBER
1 2/3/09	14:15			D-1	Soil	1				Highlighted area on CPC is the sample name, which should be used as sample name on report. Matrix is solid. Sample date is 2/3, 2/11. Jars say TCLP VOC's but do TCL (total) VOC's only per NSimon 2/17. EAH 2/17	
2 2/11/09	11:40			D-2	Soil	1					
3 2/3/09	14:40			D-3	Soil	1					
4 2/11/09	11:30			D-4	Soil	1				CPC N. Simon 2/17: Set 1 - Comp D-5, D-9, and D-14-24 (13:1) EAH 2/17	2474
5 2/3/09	15:00			D-5	Solids	1				PLEASE COMPOSITE	
6 2/11/09	11:25			D-6	Soil	1				THE FOLLOWING SAMPLES (2 sets)	
7 2/11/09	11:23			D-7	Soil	1				SET 1: D-9 and D-14 Through 23 (11:1)	
8 2/3/09	15:30			D-8	Soil	1				SET 2: D-1 thru 4	
9 2/3/09	15:39			D-9	Solids	1				D-6, 7, 8, 10, 11, 12, 13	
10 2/3/09	15:45			D-10	Solids	1				D-25 and C-1 (13:1)	

\*\*LAB USE ONLY BELOW THIS LINE\*\*

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance	
Container Type:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments:		
Preservation:	Y <input type="checkbox"/>	N <input type="checkbox"/>
Comments: N/A		
Holding Time:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments:		
Temperature:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments: iced		

<i>Gl Miller</i>	2/11/09	Total Cost:	<input type="text"/>
Sampled By	Date/Time		
<i>Gl Miller</i>	2/17/09 9:00	P.I.F.	<input type="text"/>
Relinquished By	Date/Time		
<i>[Signature]</i>	2/17/09 9:00 am		
Received By	Date/Time		
<i>Elizabeth A Honck</i>	2/17/09 1130		
Received @ Lab By	Date/Time		

# PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue  
Rochester, NY 14608  
(585) 647-2530 • (800) 724-1997  
FAX: (585) 647-3311

## CHAIN OF CUSTODY

2 of 3

REPORT TO:				INVOICE TO:			
COMPANY: <b>DAY ENVIRONMENTAL</b>	ADDRESS: <b>40 Commercial St</b>			COMPANY:	ADDRESS:		
CITY: <b>Rochester</b>	STATE: <b>NY</b>	ZIP: <b>14614</b>	PHONE: <b>585 454 0210</b>	CITY: <b>SAME</b>	STATE:	ZIP:	PHONE: FAX:
PROJECT NAME/SITE NAME: <b>MAGUIR 3601R-05</b>				ATTN: <b>NATE SIMON</b>			
COMMENTS: <b>PLEASE E-MAIL RESULTS TO NSIMON@DAYMAIL.NET</b>				LAB PROJECT #: <b>09-0619</b>			
				CLIENT PROJECT #:			
				TURNAROUND TIME: (WORKING DAYS)			
				<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input checked="" type="checkbox"/> 5 <input type="checkbox"/> OTHER			
				QUOTE #:			

### REQUESTED ANALYSIS

DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	CONTAMINERS	REMARKS	PARADIGM LAB SAMPLE NUMBER	
1	2/11/09			D-11	SOLIDS	1	SET 1 composite: D-9 & D-14 thru 23 (11:1)		
2	2/11/09			D-12	SOLIDS	1			
3	2/11/09			D-13	SOLIDS	1			
4	2/11/09			D-14	SOLIDS	1			
5	2/11/09			D-15	SOLIDS	1			
6	2/11/09			D-16	SOLIDS	1		SET 2 composite:	
7	2/11/09			D-17	SOLIDS	1		D-1 through 4 →	2475
8	2/11/09			D-18	SOLIDS	1		D-6, 7, 8, 10, 11, 12, 13	
9	2/11/09			D-19	SOLIDS	1		D-25 & C-1 (13:1)	
10	2/11/09			D-20	SOLIDS	1			

\*\*LAB USE ONLY BELOW THIS LINE\*\*

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance	
Container Type:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments:		
Preservation: <b>N/A</b>	Y <input type="checkbox"/>	N <input type="checkbox"/>
Comments:		
Holding Time:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments:		
Temperature: <b>2°C iced</b>	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments:		

**G.L. Miller** 2-11-09  
 Sampled By Date/Time  
**G.L. Miller** 2/17/09 9:00  
 Relinquished By Date/Time  
**[Signature]** 2/17/09 9:00 am  
 Received By Date/Time  
**Elizabeth A. Honck** 2/17/09 1130  
 Received @ Lab By Date/Time

Total Cost:

P.I.F.

# PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue  
Rochester, NY 14608  
(585) 647-2530 • (800) 724-1997  
FAX: (585) 647-3311

## CHAIN OF CUSTODY

3 of 3

REPORT TO:				INVOICE TO:			
COMPANY: <b>DAY ENVIRONMENTAL</b>	ADDRESS: <b>40 Commercial St.</b>			COMPANY:	ADDRESS:		
CITY: <b>Rochester</b>	STATE: <b>NY</b>	ZIP: <b>14614</b>	PHONE: <b>585 454 0210</b>	CITY:	STATE:	ZIP:	PHONE:
ATTN: <b>NATE SIMON</b>				ATTN:			
COMMENTS: <b>PLEASE E-MAIL RESULTS TO NSIMON@DAYMAIL.NET</b>				COMMENTS:			
PROJECT NAME/SITE NAME: <b>Maguir. 3681R-05</b>				LAB PROJECT #: <b>09-0619</b>			
				CLIENT PROJECT #:			
				TURNAROUND TIME: (WORKING DAYS)			
				1 <input type="checkbox"/>		2 <input type="checkbox"/>	
				3 <input type="checkbox"/>		4 <input checked="" type="checkbox"/>	
				5 <input type="checkbox"/>		OTHER <input type="checkbox"/>	
				QUOTE #:			

DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	CONTAMINERS	TCLP Methods	TCL VOLS B200	REMARKS	PARADIGM LAB SAMPLE NUMBER
1	2/11/09			D-21	SOLIDS				SET 1 composite:	
2	2/11/09			D-22	SOLIDS				D-9 & D-14 thru 23	
3	2/11/09			D-23	SOLIDS				(11:1)	
4	2/11/09			D-24	SOLIDS				SET 2 Composite:	
5	2/11/09			D-25	SOLIDS				D-1 through 4	
6	2/11/09			C-1	SOLIDS				D-6,7,8,10,11,12,13	
7									D-25 & C-1	
8									(13:1)	
9										
10										

**\*\*LAB USE ONLY BELOW THIS LINE\*\***

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance	
Container Type:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments: _____		
Preservation:	Y <input type="checkbox"/>	N <input type="checkbox"/>
Comments: <u>N/A</u>		
Holding Time:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments: _____		
Temperature:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments: <u>2°C iced</u>		

*El Miller* 2/11/09  
 Sampled By Date/Time  
*El Miller* 2/17/09 9:00  
 Relinquished By Date/Time  
*[Signature]* 2/17/09 9:00am  
 Received By Date/Time  
*Elizabeth A. Honch* 2/17/09 1130  
 Received @ Lab By Date/Time

Total Cost:

P.I.F.



**PARADIGM**  
ENVIRONMENTAL SERVICES, INC.

*Analytical Report For*  
**Day Environmental, Inc.**

*For Lab Project ID*

**133424**

*Referencing*

**3681R-05**

*Prepared*

**Monday, September 16, 2013**

Any noncompliant QC parameters or other notes impacting data interpretation are flagged or documented on the final report or are noted below.

A handwritten signature in black ink, appearing to read "D. G. ...", is written over a horizontal line.

Certifies that this report has been approved by the Technical Director or Designee

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.



Lab Project ID: 133424

Client: Day Environmental, Inc.

Project Reference: 3681R-05

Sample Identifier: D1

Lab Sample ID: 133424-01

Date Sampled: 9/3/2013

Matrix: TCLP Extract

Date Received: 9/9/2013

**TCLP Mercury**

Analyte	Result	Units	Regulatory Limit	Qualifier	Date Analyzed
Mercury	< 0.00200	mg/L	0.2		9/13/2013

Method Reference(s): EPA 7470A  
EPA 1311  
Data File: hg130912a

**TCLP RCRA Metals (ICP)**

Analyte	Result	Units	Regulatory Limit	Qualifier	Date Analyzed
Arsenic	< 0.100	mg/L	5		9/11/2013
Barium	<b>0.904</b>	mg/L	100		9/11/2013
Cadmium	< 0.0250	mg/L	1		9/11/2013
Chromium	< 0.0500	mg/L	5		9/11/2013
Lead (Axial)	< 0.100	mg/L	5		9/11/2013
Selenium	< 0.100	mg/L	1		9/11/2013
Silver	< 0.0500	mg/L	5		9/11/2013

Method Reference(s): EPA 6010C  
EPA 1311 / 3005  
Data File: 091113b

**TCLP Volatile Organics**

Analyte	Result	Units	Regulatory Limit	Qualifier	Date Analyzed
1,1-Dichloroethene	< 20.0	ug/L	700		9/11/2013
1,2-Dichloroethane	< 20.0	ug/L	500		9/11/2013
2-Butanone	< 100	ug/L	200000		9/11/2013
Benzene	< 20.0	ug/L	500		9/11/2013
Carbon Tetrachloride	< 20.0	ug/L	500		9/11/2013
Chlorobenzene	< 20.0	ug/L	100000		9/11/2013
Chloroform	< 20.0	ug/L	6000		9/11/2013
Tetrachloroethene	< 20.0	ug/L	700		9/11/2013
Trichloroethene	< 20.0	ug/L	500		9/11/2013

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.



Lab Project ID: 133424

Client: Day Environmental, Inc.

Project Reference: 3681R-05

Sample Identifier: D1

Lab Sample ID: 133424-01

Date Sampled: 9/3/2013

Matrix: TCLP Extract

Date Received: 9/9/2013

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Vinyl chloride	< 20.0	ug/L	200	9/11/2013
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Method Reference(s): EPA 8260B  
EPA 1311 / 5030  
Data File: x08203.D

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

Report Prepared Monday, September 16, 2013





Lab Project ID: 133424

Client: Day Environmental, Inc.

Project Reference: 3681R-05

Sample Identifier: D2, D4, D5, D6 Composite

Lab Sample ID: 133424-02

Date Sampled: 9/3/2013

Matrix: TCLP Extract

Date Received: 9/9/2013

**TCLP Mercury**

Analyte	Result	Units	Regulatory Limit	Qualifier	Date Analyzed
Mercury	< 0.00200	mg/L	0.2		9/13/2013

Method Reference(s): EPA 7470A

EPA 1311

Data File: hg130912a

**TCLP RCRA Metals (ICP)**

Analyte	Result	Units	Regulatory Limit	Qualifier	Date Analyzed
Arsenic	< 0.100	mg/L	5		9/11/2013
Barium	<b>0.697</b>	mg/L	100		9/11/2013
Cadmium	< 0.0250	mg/L	1		9/11/2013
Chromium	< 0.0500	mg/L	5		9/11/2013
Lead (Axial)	< 0.100	mg/L	5		9/11/2013
Selenium	< 0.100	mg/L	1		9/11/2013
Silver	< 0.0500	mg/L	5		9/11/2013

Method Reference(s): EPA 6010C

EPA 1311 / 3005

Data File: 091113b

**TCLP Volatile Organics**

Analyte	Result	Units	Regulatory Limit	Qualifier	Date Analyzed
1,1-Dichloroethene	< 20.0	ug/L	700		9/11/2013
1,2-Dichloroethane	< 20.0	ug/L	500		9/11/2013
2-Butanone	< 100	ug/L	200000		9/11/2013
Benzene	< 20.0	ug/L	500		9/11/2013
Carbon Tetrachloride	< 20.0	ug/L	500		9/11/2013
Chlorobenzene	< 20.0	ug/L	100000		9/11/2013
Chloroform	< 20.0	ug/L	6000		9/11/2013
Tetrachloroethene	<b>32.8</b>	ug/L	700		9/11/2013
Trichloroethene	<b>90.4</b>	ug/L	500		9/11/2013

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.



Lab Project ID: 133424

Client: Day Environmental, Inc.

Project Reference: 3681R-05

Sample Identifier: D2, D4, D5, D6 Composite

Lab Sample ID: 133424-02

Date Sampled: 9/3/2013

Matrix: TCLP Extract

Date Received: 9/9/2013

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Vinyl chloride	< 20.0	ug/L	200	9/11/2013
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Method Reference(s): EPA 8260B  
EPA 1311 / 5030  
Data File: x08204.D

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.



## Analytical Report Appendix

The reported results relate only to the samples as they have been received by the laboratory.

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All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

Low level Volatiles blank reports for soil/solid matrix are based on a nominal 5 gram weight. Sample results and reporting limits are based on actual weight, which may be more or less than 5 grams.

The Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt. Sample condition requirements are defined under the 2003 NELAC Standard, sections 5.5.8.3.1 and 5.5.8.3.2.

NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified. Aliquots separated for certain tests, such as TCLP, are indicated on the Chain of Custody and final reports with an "A" suffix.

Data qualifiers are used, when necessary, to provide additional information about the data. This information may be communicated as a flag or as text at the bottom of the report. Please refer to the following list of analyte-specific, frequently used data flags and their meaning:

*"<" = Analyzed for but not detected at or above the quantitation limit.*

*"E" = Result has been estimated, calibration limit exceeded.*

*"Z" = See case narrative.*

*"D" = Sample, Laboratory Control Sample, or Matrix Spike Duplicate results above Relative Percent Difference limit.*

*"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.*

*"B" = Method blank contained trace levels of analyte. Refer to included method blank report.*

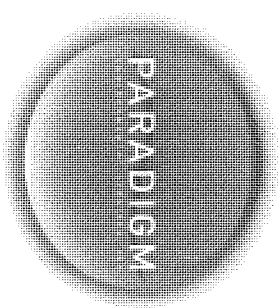
*"V" = Sample concentration is >10 times the spike. No meaningful Spike Recovery can be calculated.*

*"J" = Result estimated between the quantitation limit and half the quantitation limit.*

*"L" = Laboratory Control Sample recovery outside accepted QC limits.*

*"C" = Concentration differs by more than 40% between the primary and secondary analytical columns.*

# CHAIN OF CUSTODY



PARADIGM

REPORT TO:

INVOICE TO:

LAB PROJECT ID

CLIENT: DAY Environmentl	CLIENT:	ADDRESS: 1563 Lyell Ave	ADDRESS:	STATE: NY	ZIP: 14606	STATE:	ZIP:	LAB PROJECT ID: 133424
CITY: Rochester	CITY:	STATE: NY	CITY:	STATE: NY	ZIP: 14606	STATE:	ZIP:	Quotation #: 133424
PHONE: 585-4541-0216	PHONE:	PHONE: 585-4541-0216	PHONE:	PHONE:	PHONE:	PHONE:	PHONE:	Email: nsimon@daymil.net
ATTN: Nate Simon	ATTN:	ATTN: Nate Simon	ATTN:	ATTN:	ATTN:	ATTN:	ATTN:	

PROJECT REFERENCE  
**3681R-05**

Matrix Codes:  
 AQ - Aqueous Liquid  
 NA - Non-Aqueous Liquid  
 WA - Water  
 WG - Groundwater  
 DW - Drinking Water  
 WW - Wastewater  
 SO - Soil  
 SL - Sludge  
 SD - Solid  
 PT - Paint  
 WP - Wipe  
 CK - Caulk  
 OL - Oil  
 AR - Air

REQUESTED ANALYSIS

DATE COLLECTED	TIME COLLECTED	COMPOSITE	GRADES	SAMPLE IDENTIFIER	MATERIALS	CONTAMINANTS	REMARKS	PARADIGM LAB SAMPLE NUMBER	
9.3.13	1330	X		D1	SD	4	1/4 = plastic	01	
	1330	X		D2	SD	1			
	1330	X		D4	SD	1	} composite D2, D4, D5, D6	02	
	1330	X		D5	SD	1			
	1330	X		D6	SD	1			

Turnaround Time  Standard 5 day  
 Availability contingent upon lab approval; additional fees may apply.

Report Supplements  
 Batch QC  Basic EDD   
 Category A  Category B  NYSDEC EDD   
 Rush 2 day   
 Rush 1 day   
 Other  Other EDD   
 please indicate: \_\_\_\_\_ please indicate: \_\_\_\_\_

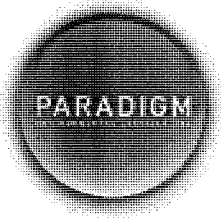
Sampled By: *William Boff* Date/Time: 9.3.13 / 1330  
 Relinquished By: *William Boff* Date/Time: 9.9.13 / 1200  
 Received By: *James G. Adams* Date/Time: 9.5.13 / 1200  
 Received @ Lab By: *Jim* Date/Time: 9/4/13 / 1225

Standard 5 day   
 Rush 3 day   
 Rush 2 day   
 Rush 1 day   
 Other   
 please indicate: \_\_\_\_\_

Total Cost:   
 P.L.F.

1 of 2

20/2



### Chain of Custody Supplement

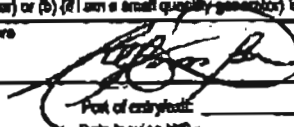
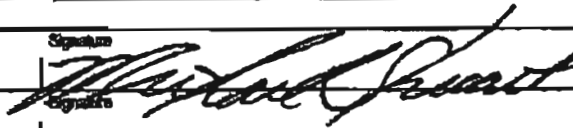
Client: Day Environmental Completed by: M. S. Hill  
 Lab Project ID: 133424 Date: 9/9/13

**Sample Condition Requirements**  
 Per NELAC/ELAP 210/241/242/243/244

Condition	NELAC compliance with the sample condition requirements upon receipt		
	Yes	No	N/A
Container Type	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments	_____		
Transferred to method-compliant container	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Headspace (<1 mL)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Comments	_____		
Preservation	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Comments	_____		
Chlorine Absent (<0.10 ppm per test strip)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Comments	_____		
Holding Time	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments	_____		
Temperature	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Comments	<u>13°C iced</u>		
Sufficient Sample Quantity	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments	_____		

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

Form Approved OMB No. 2050-0039

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>NYD002206894</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>585 454-0210</b>	4. Manifest Tracking Number <b>003683714 JJK</b>				
5. Generator's Name and Mailing Address <b>Maguire Properties 770 Rock Beach Road Rochester NY 14617</b>				Generator's Site Address (if different than mailing address) <b>Maguire Properties 95 Mount Road Blvd. Rochester NY 14611</b>					
Generator's Phone: <b>585 338-2269</b>									
6. Transporter 1 Company Name <b>Hazmat Environmental Group Inc.</b>				U.S. EPA ID Number <b>NYD980789947</b>					
7. Transporter 2 Company Name				U.S. EPA ID Number					
8. Designated Facility Name and Site Address <b>Michigan Disposal Waste Treatment Plant 49350 North I-94 Service Drive Belleville MI 48111</b>				U.S. EPA ID Number <b>MID000724831</b>					
Facility's Phone: <b>800 592-5489</b>									
9a. Hbl	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes			
		No.	Type			D039	D040	F001	
<b>X</b>	<b>1RQ NA3077, Hazardous waste, solid, n.o.s. (D039, D040, F001) 9, PGIII</b>	<b>011</b>	<b>DM</b>	<b>5,500</b>	<b>P</b>	<b>B</b>			
<b>X</b>	<b>2RQ NA3077, Hazardous waste, solid, n.o.s. (F001) 9, PGIII</b>	<b>012</b>	<b>DM</b>	<b>1,200</b>	<b>P</b>	<b>F001</b>	<b>L</b>		
14. Special Handling Instructions and Additional Information <b>(E,1) ERG#171 Sol and Carbon (H0928010WTSMDI) 2) ERG#171 Filters and PPE (H0928011WTSMDI) WTS PO# 34718</b> <b>Confirmation # 234370</b>									
15. GENERATOR/BUFFERER'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/certified, 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 identification 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/Bufferer's Printed/Typed Name <b>GARY CATAPA</b>					Signature 		Month <b>10</b>	Day <b>2</b>	Year <b>09</b>
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. <input type="checkbox"/> Post of origin: _____ Date leaving U.S.: _____									
17. Transporter Acknowledgment of Receipt of Materials									
Transporter 1 Printed/Typed Name <b>Michael Stuart</b>					Signature 		Month <b>10</b>	Day <b>02</b>	Year <b>09</b>
Transporter 2 Printed/Typed Name					Signature		Month	Day	Year
18. Discrepancy									
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> 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.						

GENERATOR

INTL

TRANSPORTER

DESIGNATED FACILITY

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

DID: 16611

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number NYD002206894	2. Page 1 of 1	3. Emergency Response Phone DAY ENVIRONMENTAL 585-454-0710	4. Manifest Tracking Number <b>009662780 JJK</b>		
5. Generator's Name and Mailing Address 95 MT. READ BLVD. 770 ROCK BEACH ROAD ROCHESTER, NY 14611			Generator's Site Address (if different than mailing address) 95 MT. READ BLVD. LLC 95 MT. READ BLVD. ROCHESTER, NY 14611				
Generator's Phone: 585-438-2269 ATTN: DENNIS MAGUIRE							
6. Transporter 1 Company Name HAZMAT ENVIRONMENTAL GROUP INC.			U.S. EPA ID Number NYD980763947				
7. Transporter 2 Company Name			U.S. EPA ID Number				
8. Designated Facility Name and Site Address EQ DETROIT INC. 1923 FREDERICK DETROIT, MI 48211			U.S. EPA ID Number MID980991566				
Facility's Phone: 313-247-1400							
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
		No.	Type				
X	1. RQ NA3077, HAZARDOUS WASTE, SOLID, N.O.S. (F001) 3, PG III	1	DM	200	P	F001	L
X	2. RQ NA3077, HAZARDOUS WASTE, SOLID, N.O.S. (F001) 3, PG III	4	DF	200	P	F001	L
	3.						
	4.						
14. Special Handling Instructions and Additional Information 1.) SPENT CARBON (D1232827WTSDEY) ERG#171 2.) SPENT CARBON (D1232827WTSDEY) ERG#171 WTS ORDER # 50726							
15. <b>GENERATOR'S/OFFEROR'S CERTIFICATION:</b> 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			Signature			Month Day Year	
						10 10 03	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____							
17. Transporter Acknowledgment of Receipt of Materials							
Transporter 1 Printed/Typed Name JAMES GIFFORD			Signature			Month Day Year 10/10/03	
Transporter 2 Printed/Typed Name			Signature			Month Day Year	
18. Discrepancy							
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> 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.	
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	

**APPENDIX C**

**WELL DEVELOPMENT LOGS**



**WELL DEVELOPMENT DATA  
MW-1**

SITE LOCATION: 95 Mt. Read Blvd, Rochester, NY

JOB#: 3681R-08

DATE/ TIME	5/14/08 2:10	5/14/08 2:20	5/14/08 2:30	5/14/08 2:40	5/14/08 2:50			
EVACUATION METHOD	Vacuum Extraction	Vacuum Extraction	Vacuum Extraction	Vacuum Extraction	Vacuum Extraction			
PID/FID (PPM)	0.0	NC	NC	NC	NC			
DEPTH OF WELL (FT)	11.69	11.69	11.69	11.69	11.69			
STATIC WATER LEVEL (SWL) FT	6.02	NC	NC	NC	NC			
VOLUME EVACUATED (GAL)	0.9	0.9	0.9	0.9	0.9			
TOTAL VOLUME EVACUATED (GAL)	0.9	1.8	2.7	3.6	4.5			
TEMPERATURE (°C)	12.5	NC	NC	NC	NC			
pH	7.73	NC	NC	NC	NC			
ORP (mV)	8	NC	NC	NC	NC			
CONDUCTIVITY (µs/cm)	1.1	NC	NC	NC	NC			
TURBIDITY (NTU)	>999	NC	NC	NC	NC			
VISUAL OBSERVATION	NC	NC	NC	NC	NC			

LEGEND: NC = Not Collected  
ND = Not Detected

Day Environmental, Inc.  
40 Commercial Street  
Rochester, New York 14614

**WELL DEVELOPMENT DATA  
MW-8**

SITE LOCATION: 95 Mt. Read Blvd, Rochester, NY

JOB#: 3681R-08

DATE/ TIME	5/14/08 2:20							
EVACUATION METHOD	Vacuum Extraction							
PID/FID (PPM)	35.2							
DEPTH OF WELL (FT)	10.44							
STATIC WATER LEVEL (SWL) FT	8.23							
VOLUME EVACUATED (GAL)	0							
TOTAL VOLUME EVACUATED (GAL)	0							
TEMPERATURE (°C)	17.8							
pH	7.46							
ORP (mV)	87							
CONDUCTIVITY (µs/cm)	0.27							
TURBIDITY (NTU)	NA							
VISUAL OBSERVATION	Green, H <sub>2</sub> O No Odor							

LEGEND: NC = Not Collected  
ND = Not Detected

Day Environmental, Inc.  
40 Commercial Street  
Rochester, New York 14614

**WELL DEVELOPMENT DATA  
MW-11**

SITE LOCATION: 95 Mt. Read Blvd, Rochester, NY

JOB#: 3681R-08

DATE/ TIME	5/14/08 14:10	5/14/08 14:20	5/14/08 14:30	5/14/08 14:40	5/14/08 14:50	5/14/08 15:00	5/14/08 15:10	5/14/08 15:20
EVACUATION METHOD	Vacuum Extraction	Vacuum Extraction	Vacuum Extraction	Vacuum Extraction	Vacuum Extraction	Vacuum Extraction	Vacuum Extraction	Vacuum Extraction
PID/FID (PPM)	0.7	NC	NC	NC	NC	NC	NC	NC
DEPTH OF WELL (FT)	13.56	13.56	13.56	13.56	13.56	13.56	13.56	13.56
STATIC WATER LEVEL (SWL) FT	NC	NC	NC	NC	NC	NC	NC	NC
VOLUME EVACUATED (GAL)	0	1.02	1.02	1.62	0.42	1.02	1.02	1.02
TOTAL VOLUME EVACUATED (GAL)	0	1.02	2.04	3.66	4.08	5.10	6.12	7.14
TEMPERATURE (°C)	17.8	18.0	18.0	18.0	18.0	NC	NC	NC
pH	7.19	7.27	7.39	7.42	7.79	NC	NC	NC
ORP (mV)	64	-35	-57	-64	-28	NC	NC	NC
CONDUCTIVITY (µs/cm)	0.31	0.31	0.31	0.31	0.29	NC	NC	NC
TURBIDITY (NTU)	48	750	410	720	>999	NC	NC	NC
VISUAL OBSERVATION	Clear, no odor	Clear, no odor	Clear, no odor	Well drying up, waiting to recharge	Well drying up, waiting to recharge			

LEGEND: NC = Not Collected  
ND = Not Detected

Day Environmental, Inc.  
40 Commercial Street  
Rochester, New York 14614

**WELL DEVELOPMENT DATA  
MW-13**

SITE LOCATION: 95 Mt. Read Blvd, Rochester, NY

JOB#: 3681R-08

DATE/ TIME	5/15/08 15:45	5/15/08 15:50	5/15/08 15:55	5/15/08 16:05	5/15/08 16:15	5/15/08 16:25	5/15/08 16:35	
EVACUATION METHOD	Vacuum Extraction	Vacuum Extraction	Vacuum Extraction	Vacuum Extraction	Vacuum Extraction	Vacuum Extraction	Vacuum Extraction	
PID/FID (PPM)	NC	NC	NC	NC	NC	NC	NC	
DEPTH OF WELL (FT)	13.09	13.09	13.09	13.09	13.09	13.09	13.09	
STATIC WATER LEVEL (SWL) FT	7.73	NC	NC	NC	NC	NC	NC	
VOLUME EVACUATED (GAL)	0	0.85	0.85	0.85	0.85	0.85	0.85	
TOTAL VOLUME EVACUATED (GAL)	0	0.85	1.7	2.55	3.4	4.25	5.1	
TEMPERATURE (°C)	17.1	17.1	17.0	NC	NC	NC	NC	
pH	7.27	7.32	7.59	NC	NC	NC	NC	
ORP (mV)	130	130	64	NC	NC	NC	NC	
CONDUCTIVITY (µs/cm)	0.25	0.24	0.26	NC	NC	NC	NC	
TURBIDITY (NTU)	56	140	>999	NC	NC	NC	NC	
VISUAL OBSERVATION	Clear, no odor	Well Dries	Cloudy, Brown, hint of orange, not recharging					

LEGEND: NC = Not Collected  
ND = Not Detected

Day Environmental, Inc.  
40 Commercial Street  
Rochester, New York 14614

**WELL DEVELOPMENT DATA  
MW-15**

SITE LOCATION: 95 Mt. Read Blvd, Rochester, NY

JOB#: 3681R-08

DATE/ TIME	4/22/08 13:00	4/22/08 13:10	4/22/08 13:20	4/22/08 13:30	4/22/08 13:40			
EVACUATION METHOD	Vacuum Extraction	Vacuum Extraction	Vacuum Extraction	Vacuum Extraction	Vacuum Extraction			
PID/FID (PPM)	0.0	NC	NC	NC	NC			
DEPTH OF WELL (FT)	11.92	11.92	11.92	11.92	11.92			
STATIC WATER LEVEL (SWL) FT	10.05	NC	NC	NC	NC			
VOLUME EVACUATED (GAL)	0	0.29	0.29	0.29	0.29			
TOTAL VOLUME EVACUATED (GAL)	0	0.29	0.58	0.80	1.16			
TEMPERATURE (°C)	14.6	NC	NC	NC	NC			
pH	7.1	NC	NC	NC	NC			
ORP (mV)	-28	NC	NC	NC	NC			
CONDUCTIVITY (µs/cm)	0.79	NC	NC	NC	NC			
TURBIDITY (NTU)	790	NC	NC	NC	NC			
VISUAL OBSERVATION	Very turbid, rusty chunks of solids							

LEGEND: NC = Not Collected  
ND = Not Detected

Day Environmental, Inc.  
40 Commercial Street  
Rochester, New York 14614

**WELL DEVELOPMENT DATA  
MW-31**

SITE LOCATION: 95 Mt. Read Blvd, Rochester, NY

JOB#: 3681R-08

DATE/ TIME	5/15/08 13:55	5/15/08 14:06	5/15/08 14:14	5/15/08 14:20	5/15/08 14:30	5/15/08 14:40	5/15/08 14:50	5/15/08 15:00
EVACUATION METHOD	Vacuum Extraction	Vacuum Extraction	Vacuum Extraction	Vacuum Extraction	Vacuum Extraction	Vacuum Extraction	Vacuum Extraction	Vacuum Extraction
PID/FID (PPM)	NC	NC	NC	NC	NC	NC	NC	NC
DEPTH OF WELL (FT)	20.07	20.07	20.07	20.07	20.07	20.07	20.07	20.07
STATIC WATER LEVEL (SWL) FT	8.46	NC	NC	NC	NC	NC	NC	NC
VOLUME EVACUATED (GAL)	0	1.85	1.85	1.85	1.85	1.85	1.85	1.85
TOTAL VOLUME EVACUATED (GAL)	0	1.85	3.70	5.55	7.40	9.25	11.10	12.95
TEMPERATURE (°C)	17.6	18.1	18.0	18.0	17.9	18.0	18.0	18.0
pH	7.14	7.34	7.43	7.60	7.52	7.68	7.54	7.50
ORP (mV)	148	139	135	134	130	128	122	110
CONDUCTIVITY (µs/cm)	0.31	0.31	0.31	0.31	0.32	0.31	0.34	0.33
TURBIDITY (NTU)	100	>999	>999	>999	>999	>999	640	400
VISUAL OBSERVATION	Clear, no odor	Milky white/gray, slight gas odor	Milky white/gray, no odor	Milky white/gray, no odor	Milky white/gray, no odor	Milky white/gray, no odor	Low turbidity	Low turbidity

LEGEND: NC = Not Collected  
ND = Not Detected

Day Environmental, Inc.  
40 Commercial Street  
Rochester, New York 14614

**WELL DEVELOPMENT DATA  
MW-32/EW-5**

SITE LOCATION: 95 Mt. Read Blvd, Rochester, NY

JOB#: 3681R-08

DATE/ TIME	4/23/08 10:10	4/23/08 10:20	4/23/08 10:30	4/23/08 10:40	4/23/08 10:50	4/23/08 11:00	4/23/08 11:10	4/23/08 11:20
EVACUATION METHOD	Vacuum Extraction	Vacuum Extraction	Vacuum Extraction	Vacuum Extraction	Vacuum Extraction	Vacuum Extraction	Vacuum Extraction	Vacuum Extraction
PID/FID (PPM)	0.3	NC	NC	NC	NC	NC	NC	NC
DEPTH OF WELL (FT)	17.18	17.18	17.18	17.18	17.18	17.18	17.18	17.18
STATIC WATER LEVEL (SWL) FT	5.99	NC	NC	NC	NC	NC	NC	NC
VOLUME EVACUATED (GAL)	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
TOTAL VOLUME EVACUATED (GAL)	1.7	3.4	5.1	6.8	8.5	10.2	11.9	13.6
TEMPERATURE (°C)	14.1	14.3	14.3	14.1	14.1	14.1	14.2	14.3
pH	6.8	7.1	7.2	7.3	7.3	7.4	7.4	7.4
ORP (mV)	138	130	126	116	98	101	95	86
CONDUCTIVITY (µs/cm)	0.43	0.48	0.50	0.53	0.52	0.51	0.51	0.51
TURBIDITY (NTU)	>999	>999	>999	>999	>999	>999	>999	>999
VISUAL OBSERVATION	Very cloudy, gray	Very cloudy, gray	Very cloudy, gray	Very cloudy, gray	Very cloudy, gray	Very cloudy, gray	Very cloudy, gray	Very cloudy, gray

LEGEND: NC = Not Collected  
ND = Not Detected

Day Environmental, Inc.  
40 Commercial Street  
Rochester, New York 14614

**WELL DEVELOPMENT DATA  
MW-33**

SITE LOCATION: 95 Mt. Read Blvd, Rochester, NY

JOB#: 3681R-08

DATE/ TIME	5/14/08 11:15	5/14/08 11:25	5/14/08 11:35	5/14/08 11:45	5/14/08 11:55	5/14/08 12:05	5/14/08 12:15	
EVACUATION METHOD	Vacuum Extraction	Vacuum Extraction	Vacuum Extraction	Vacuum Extraction	Vacuum Extraction	Vacuum Extraction	Vacuum Extraction	
PID/FID (PPM)	17.8	NC	NC	NC	NC	NC	NC	
DEPTH OF WELL (FT)	19.3	19.3	19.3	19.3	19.3	19.3	19.3	
STATIC WATER LEVEL (SWL) FT	9.10	NC	NC	NC	NC	NC	NC	
VOLUME EVACUATED (GAL)	0	1.63	1.63	1.63	1.63	1.63	1.63	
TOTAL VOLUME EVACUATED (GAL)	0	1.63	3.26	4.89	6.52	8.15	9.78	
TEMPERATURE (°C)	16.1	16.0	16.0	16.0	16.1	16.0	16.0	
pH	7.02	7.24	7.34	7.36	7.40	7.40	7.39	
ORP (mV)	107	96	94	94	-19	-69	-88	
CONDUCTIVITY (µs/cm)	0.24	0.28	0.28	0.28	0.28	0.28	0.28	
TURBIDITY (NTU)	140	>999	>999	>999	>999	>999	>999	
VISUAL OBSERVATION	Septic smell, stringy white suspensions	Cloudy, white/lt brown, very slight septic odor	Cloudy, white/lt brown, very slight septic odor	Cloudy, white/lt brown, very slight septic odor	Cloudy, white/lt brown, no more septic odor	Cloudy, white/lt brown, no more septic odor	Cloudy, white/lt brown, no more septic odor	

LEGEND: NC = Not Collected  
ND = Not Detected

Day Environmental, Inc.  
40 Commercial Street  
Rochester, New York 14614



**WELL DEVELOPMENT DATA  
MW-34**

SITE LOCATION: 95 Mt. Read Blvd, Rochester, NY

JOB#: 3681R-08

DATE/ TIME	5/14/08 12:55	5/14/08 13:05	5/14/08 13:10	5/14/08 13:15	5/14/08 13:25	5/14/08 13:35	5/14/08 13:45	5/14/08 13:55
EVACUATION METHOD	Vacuum Extraction	Vacuum Extraction	Vacuum Extraction	Vacuum Extraction	Vacuum Extraction	Vacuum Extraction	Vacuum Extraction	Vacuum Extraction
PID/FID (PPM)	142	NC	NC	NC	NC	NC	NC	NC
DEPTH OF WELL (FT)	19.40	19.40	19.40	19.40	19.40	19.40	19.40	19.40
STATIC WATER LEVEL (SWL) FT	8.49	NC	NC	NC	NC	NC	NC	NC
VOLUME EVACUATED (GAL)	0	1.74	1.74	1.74	1.74	1.74	1.74	1.74
TOTAL VOLUME EVACUATED (GAL)	0	1.74	3.48	5.22	6.96	8.70	10.44	12.18
TEMPERATURE (°C)	18.8	18.7	NC	18.6	18.8	18.6	18.7	18.7
pH	7.35	7.46	NC	7.56	7.52	7.52	7.51	7.53
ORP (mV)	-116	-95	NC	-67	-69	-73	-102	-104
CONDUCTIVITY (µs/cm)	0.21	0.23	NC	0.24	0.24	0.24	0.24	0.25
TURBIDITY (NTU)	130	>999	>999	>999	>999	>999	>999	>999
VISUAL OBSERVATION	Clear, slight septic odor	Milky gray, very slight Petro odor	Milky gray, very slight Petro odor	Milky gray, very slight Petro odor	Milky gray, very slight Petro odor	Milky gray, very slight Petro odor	Milky gray, very slight Petro odor	Milky gray, very slight Petro odor

LEGEND: NC = Not Collected  
ND = Not Detected

Day Environmental, Inc.  
40 Commercial Street  
Rochester, New York 14614

**WELL DEVELOPMENT DATA  
EW-1**

SITE LOCATION: 95 Mt. Read Blvd, Rochester, NY

JOB#: 3681R-08

DATE/ TIME	4/23/08 9:45	4/23/08 9:55	4/23/08 10:00	4/23/08 10:20	4/23/08 10:30	4/23/08 10:40	4/23/08 10:55	4/23/08 11:05
EVACUATION METHOD	Vacuum Extraction	Vacuum Extraction	Vacuum Extraction	Vacuum Extraction	Vacuum Extraction	Vacuum Extraction	Vacuum Extraction	Vacuum Extraction
PID/FID (PPM)	3.7	NC	NC	NC	NC	NC	NC	NC
DEPTH OF WELL (FT)	18.42	18.42	18.42	18.42	18.42	18.42	18.42	18.42
STATIC WATER LEVEL (SWL) FT	7.93	NC	NC	NC	NC	NC	NC	14.71
VOLUME EVACUATED (GAL)	0	1.67	3.34	5.01	6.68	8.35	10.02	11.69
TOTAL VOLUME EVACUATED (GAL)	0	1.67	3.35	5.02	6.69	8.36	10.03	11.7
TEMPERATURE (°C)	18.5	19.2	19.3	19.3	19.3	19.3	19.4	19.4
pH	7.18	7.13	7.11	7.15	7.17	7.28	7.24	7.23
ORP (mV)	264	54	46	56	72	73	75	76
CONDUCTIVITY (µs/cm)	2.82	2.81	3.39	3.85	4.32	5.79	5.68	5.39
TURBIDITY (NTU)	192	>999	>999	>999	>999	>999	840	307
VISUAL OBSERVATION	Orange/Brown tint	Orange/Brown tint	Cloudy, white, slightly brown	Cloudy, white, slightly brown	Cloudy, white, slightly brown	Slight septic and gas odor	Cloudy, white	Cloudy, white

LEGEND: NC = Not Collected  
ND = Not Detected

Day Environmental, Inc.  
40 Commercial Street  
Rochester, New York 14614

**WELL DEVELOPMENT DATA  
EW-2**

SITE LOCATION: 95 Mt. Read Blvd, Rochester, NY

JOB#: 3681R-08

DATE/ TIME	4/24/08 12:45	4/24/08 13:00	4/24/08 13:10	4/24/08 13:20	4/24/08 13:30	4/24/08 13:40	4/24/08 13:50	4/24/08 14:00
EVACUATION METHOD	Vacuum Extraction	Vacuum Extraction	Vacuum Extraction	Vacuum Extraction	Vacuum Extraction	Vacuum Extraction	Vacuum Extraction	Vacuum Extraction
PID/FID (PPM)	4.8	NC	NC	NC	NC	NC	NC	NC
DEPTH OF WELL (FT)	19.05	19.05	19.05	19.05	19.05	19.05	19.05	19.05
STATIC WATER LEVEL (SWL) FT	7.69	NC	NC	NC	NC	NC	NC	10.7
VOLUME EVACUATED (GAL)	0	1.8	1.8	1.8	1.8	1.8	1.8	1.8
TOTAL VOLUME EVACUATED (GAL)	0	1.8	3.6	5.4	7.2	9.0	10.8	12.6
TEMPERATURE (°C)	18.1	18.4	18.3	18.4	18.4	18.4	18.4	18.3
pH	7.41	7.30	7.36	7.28	7.30	7.30	7.30	7.27
ORP (mV)	212	202	194	178	166	138	90	92
CONDUCTIVITY (µs/cm)	5.30	5.87	5.84	6.06	6.07	6.03	6.06	6.16
TURBIDITY (NTU)	272	>999	>999	>999	>999	>999	>999	>999
VISUAL OBSERVATION	Slightly cloudy	Very cloudy, brown, slight gas odor	Very cloudy, brown, slight gas odor	Very cloudy, brown, slight gas odor	Very cloudy, brown, slight gas odor	Very cloudy, brown, slight gas odor	Very cloudy, brown, slight gas odor	Very cloudy, brown, slight gas odor

LEGEND: NC = Not Collected  
ND = Not Detected

Day Environmental, Inc.  
40 Commercial Street  
Rochester, New York 14614

**WELL DEVELOPMENT DATA  
EW-3**

SITE LOCATION: 95 Mt. Read Blvd, Rochester, NY

JOB#: 3681R-08

DATE/ TIME	4/22/08 11:30	4/22/08 11:35	4/22/08 11:40	4/22/08 11:45	4/22/08 11:50	4/22/08 12:00	4/22/08 12:10	
EVACUATION METHOD	Vacuum Extraction	Vacuum Extraction	Vacuum Extraction	Vacuum Extraction	Vacuum Extraction	Vacuum Extraction	Vacuum Extraction	
PID/FID (PPM)	427.0	NC	NC	NC	NC	NC	NC	
DEPTH OF WELL (FT)	18.24	18.24	18.24	18.24	18.24	18.24	18.24	
STATIC WATER LEVEL (SWL) FT	9.59	NC	NC	NC	NC	NC	NC	
VOLUME EVACUATED (GAL)	0	1.38	1.38	1.38	1.38	1.38	1.38	
TOTAL VOLUME EVACUATED (GAL)	0	1.38	2.76	4.14	5.52	6.9	8.28	
TEMPERATURE (°C)	18.1	18.0	18.0	18.1	17.9	17.9	17.9	
pH	7.28	7.30	7.32	7.33	7.33	7.33	7.31	
ORP (mV)	164	167	170	177	179	181	180	
CONDUCTIVITY (µs/cm)	5.98	6.04	6.17	6.09	6.10	6.08	6.10	
TURBIDITY (NTU)	62.0	>999	>999	>999	>999	>999	>999	
VISUAL OBSERVATION	Clear, no odor	Cloudy, light brown	Cloudy, brown	Cloudy, brown	Cloudy, brown	Cloudy, brown	Cloudy, brown	

LEGEND: NC = Not Collected  
ND = Not Detected

Day Environmental, Inc.  
40 Commercial Street  
Rochester, New York 14614

**WELL DEVELOPMENT DATA  
EW-4**

SITE LOCATION: 95 Mt. Read Blvd, Rochester, NY

JOB#: 3681R-08

DATE/ TIME	4/24/08 8:00	4/24/08 8:15	4/24/08 8:25	4/24/08 8:35	4/24/08 8:45	4/24/08 8:55		
EVACUATION METHOD	Vacuum Extraction	Vacuum Extraction	Vacuum Extraction	Vacuum Extraction	Vacuum Extraction	Vacuum Extraction		
PID/FID (PPM)	0.0	NC	NC	NC	NC	NC		
DEPTH OF WELL (FT)	38.38	38.38	38.38	38.38	38.38	38.38		
STATIC WATER LEVEL (SWL) FT	7.45	NC	NC	NC	NC	8.17		
VOLUME EVACUATED (GAL)	4.9	4.9	4.9	4.9	4.9	3.0		
TOTAL VOLUME EVACUATED (GAL)	4.9	9.8	14.7	19.6	24.5	27.5		
TEMPERATURE (°C)	12.1	12.8	12.5	12.5	12.5	12.5		
pH	6.97	7.14	7.16	7.14	7.13	7.13		
ORP (mV)	60	46	42	35	39	37		
CONDUCTIVITY (µs/cm)	4.00	4.28	4.64	4.77	4.77	4.77		
TURBIDITY (NTU)	>999	>999	>999	>999	>999	>999		
VISUAL OBSERVATION	Brown w/Sand (suspended)	Brown w/Sand (suspended)	Slightly brown, clearer, no odors	--- increasing clarity ---				

LEGEND: NC = Not Collected  
ND = Not Detected

Day Environmental, Inc.  
40 Commercial Street  
Rochester, New York 14614

**WELL DEVELOPMENT DATA  
EW-6**

SITE LOCATION: 95 Mt. Read Boulevard, Rochester, NY

JOB#: 3681R-05

DATE/ TIME	11-19-12 1600	11-19-12 1616	11-19-12 1634	11-19-12 1647	11-19-12 1710			
EVACUATION METHOD	Vacuum Purge	Vacuum Purge	Vacuum Purge	Vacuum Purge	Vacuum Purge			
PID/FID (PPM)	10.0	10.6	12.7	338	1410			
DEPTH OF WELL (FT)	19.94	19.94	19.94	19.94	19.94			
STATIC WATER LEVEL (SWL) FT	9.44	9.48	9.52	13.36	12.32			
VOLUME EVACUATED (GAL)	0	2	2	2	3			
TOTAL VOLUME EVACUATED (GAL)	0	2	4	6	9			
TEMPERATURE (°C)	15.4	14.2	13.8	13.9	14.0			
pH	4.98	5.01	5.02	5.04	5.03			
ORP (mV)	84	70	-132	-146	-162			
CONDUCTIVITY (ms/cm)	3.90	4.00	3.80	3.80	3.30			
TURBIDITY (NTU)	131	74	23.07	8.53	127			
VISUAL OBSERVATION	Clear w/Odor	Clear w/Odor	Clear w/Odor	Clear w/Odor	Clear w/Odor			

LEGEND: NC = Not Collected  
ND = Not Detected  
\*= Not Measurable

Day Environmental, Inc.  
1563 Lyell Avenue  
Rochester, New York 14606

**WELL DEVELOPMENT DATA  
EW-7**

SITE LOCATION: 95 Mt. Read Boulevard, Rochester, NY

JOB#: 3681R-05

DATE/ TIME	11-19-12 14:57	11-19-12 15:16	11-19-12 15:28	11-19-12 15:47	11-19-12 16:59	11-19-12 17:12	11-19-12 17:25	11-21-12 11:05
EVACUATION METHOD	Vacuum Purge	Vacuum Purge	Vacuum Purge	Vacuum Purge	Vacuum Purge	Vacuum Purge	Vacuum Purge	Vacuum Purge
PID/FID (PPM)	0.0	0.5	0.9	0.8	0.6	0.7	1.1	16.0
DEPTH OF WELL (FT)	16.06	16.42	16.72	16.60	16.72	16.72	16.72	16.72
STATIC WATER LEVEL (SWL) FT	9.22	13.67	14.52	14.86	14.72	15.25	15.17	15.84
VOLUME EVACUATED (GAL)	0	5	5	5	5	5	5	5
TOTAL VOLUME EVACUATED (GAL)	0	5	10	15	20	25	30	35
TEMPERATURE (°C)	19.5	18.9	18.6	17.8	17.7	17.6	17.7	19.9
pH	4.28	4.35	4.44	4.60	5.18	5.20	5.22	5.88
ORP (mV)	61	73	72	70	-80	-90	-92	39
CONDUCTIVITY (ms/cm)	-	-	2.6	2.2	2.6	2.8	2.7	2.50
TURBIDITY (NTU)	Cloudy	1000	1000	760	380	270	150	541
VISUAL OBSERVATION	Cloudy	Cloudy	Cloudy	Cloudy	Slightly Cloudy	Slightly Cloudy	Slightly Cloudy	Slightly Cloudy

LEGEND: NC = Not Collected  
ND = Not Detected  
\*= Not Measurable

Day Environmental, Inc.  
1563 Lyell Avenue  
Rochester, New York 14606

**WELL DEVELOPMENT DATA  
EW-7**

SITE LOCATION: 95 Mt. Read Boulevard, Rochester, NY

JOB#: 3681R-05

DATE/ TIME	11-21-12 11:35	11-21-12 12:05	11-21-12 12:38	11-21-12 13:10	11-21-12 13:43			
EVACUATION METHOD	Vacuum Purge	Vacuum Purge	Vacuum Purge	Vacuum Purge	Vacuum Purge			
PID/FID (PPM)	9.8	11.7	10.6	9.2	NC			
DEPTH OF WELL (FT)	16.72	16.72	16.72	16.72	16.72			
STATIC WATER LEVEL (SWL) FT	15.56	15.96	16.20	16.52	16.48			
VOLUME EVACUATED (GAL)	5	5	5	5	5			
TOTAL VOLUME EVACUATED (GAL)	40	45	50	55	60			
TEMPERATURE (°C)	18.6	18.4	18.3	18.3	18.0			
pH	5.13	4.84	4.76	4.68	4.72			
ORP (mV)	48	51	53	58	60			
CONDUCTIVITY (ms/cm)	2.60	2.60	2.60	2.60	2.70			
TURBIDITY (NTU)	291	76	84	102	133			
VISUAL OBSERVATION	Slightly Cloudy	Slightly Cloudy	Slightly Cloudy	Slightly Cloudy	Slightly Cloudy			

LEGEND: NC = Not Collected  
ND = Not Detected  
\* = Not Measurable

Day Environmental, Inc.  
1563 Lyell Avenue  
Rochester, New York 14606



**APPENDIX D**  
**WELL SAMPLING LOGS**

**DAY ENVIRONMENTAL, INC.  
MONITORING WELL SAMPLING LOG**

**WELL MW-8**

SECTION 1 - SITE INFORMATION	
SITE LOCATION: <u>95 Mt. Read Blvd.</u>	JOB #: <u>3681R-08</u>
<u>Rochester, NY</u>	DATE : <u>9/5/08</u>
SAMPLE COLLECTOR(S): <u>GRM</u>	
WEATHER CONDITIONS: _____	PID IN WELL (PPM): <u>N/C</u> LNAPL <u>N/O</u> DNAPL <u>N/O</u>

SECTION 2 - PURGE INFORMATION	
DEPTH OF WELL [FT]: <u>13.35</u> (MEASURED FROM TOP OF CASING - T.O.C.)	
STATIC WATER LEVEL (SWL) [FT]: <u>11.88</u> (MEASURED FROM T.O.C.)	
THICKNESS OF WATER COLUMN [FT]: <u>1.47</u> (DEPTH OF WELL - SWL)	
CALCULATED VOL. OF H <sub>2</sub> O PER WELL CASING [GAL]: <u>0.25</u> CASING DIA.: <u>2"</u>	
<b>CALCULATIONS:</b>	
<u>CASING DIA. (FT)</u>	<u>WELL CONSTANT(GAL/FT)</u>
3/4" (0.0625)	0.023
1" (0.0833)	0.041
1 1/4" (0.1041)	0.063
2" (0.1667)	0.1632
3" (0.250)	0.380
4" (0.3333)	0.6528
4 1/2" (0.375)	0.826
6" (0.5000)	1.4688
8" (0.666)	2.611
VOL. OF H <sub>2</sub> O IN CASING = DEPTH OF WATER COLUMN X WELL CONSTANT	
CALCULATED PURGE VOLUME [GAL]: <u>0.75</u> (3 TIMES CASING VOLUME)	
ACTUAL VOLUME PURGED [GAL]: <u>0.50 (Dry)</u>	
PURGE METHOD: <u>Vacuum Extraction Pump</u> PURGE START: <u>--</u> END: <u>--</u>	

SECTION 3 - SAMPLE IDENTIFICATION AND TEST PARAMETERS			
SAMPLE ID #	DATE / TIME	SAMPLING METHOD	ANALYTICAL SCAN(S)
MW-8	9-5-08 / 11:30	Bailer	

SECTION 4 - WATER QUALITY DATA							
SWL (FT)	TEMP (°C)	pH	CONDUCTIVITY (mS/cm)	TURBIDITY (NTU)	DO (mg/L)	ORP (mV)	VISUAL
11.88	20.1	7.46	0.29	>999	NC	102	Turbid, gray

**DAY ENVIRONMENTAL, INC.  
MONITORING WELL SAMPLING LOG**

**WELL MW-11**

SECTION 1 - SITE INFORMATION	
SITE LOCATION: <u>95 Mt. Read Blvd.</u>	JOB #: <u>3681R-08</u>
<u>Rochester, NY</u>	DATE : <u>8/14/08</u>
SAMPLE COLLECTOR(S): <u>GRM</u>	
WEATHER CONDITIONS: _____	PID IN WELL (PPM): <u>N/C</u> LNAPL <u>N/O</u> DNAPL <u>N/O</u>

SECTION 2 - PURGE INFORMATION	
DEPTH OF WELL [FT]: <u>13.56</u> (MEASURED FROM TOP OF CASING - T.O.C.)	
STATIC WATER LEVEL (SWL) [FT]: <u>8.28</u> (MEASURED FROM T.O.C.)	
THICKNESS OF WATER COLUMN [FT]: <u>5.22</u> (DEPTH OF WELL - SWL)	
CALCULATED VOL. OF H <sub>2</sub> O PER WELL CASING [GAL]: <u>0.88</u> CASING DIA.: <u>2"</u>	
<b>CALCULATIONS:</b>	
<u>CASING DIA. (FT)</u>	<u>WELL CONSTANT(GAL/FT)</u>
3/4" (0.0625)	0.023
1" (0.0833)	0.041
1 1/4" (0.1041)	0.063
2" (0.1667)	0.1632
3" (0.250)	0.380
4" (0.3333)	0.6528
4 1/2" (0.375)	0.826
6" (0.5000)	1.4688
8" (0.666)	2.611
VOL. OF H <sub>2</sub> O IN CASING = DEPTH OF WATER COLUMN X WELL CONSTANT	
CALCULATED PURGE VOLUME [GAL]: <u>2.64</u> (3 TIMES CASING VOLUME)	
ACTUAL VOLUME PURGED [GAL]: <u>2.50</u>	
PURGE METHOD: <u>Vacuum Extraction Pump</u> PURGE START: <u>14:30</u> END: <u>14:50</u>	

SECTION 3 - SAMPLE IDENTIFICATION AND TEST PARAMETERS			
SAMPLE ID #	DATE / TIME	SAMPLING METHOD	ANALYTICAL SCAN(S)
MW-11	8-14-08 / 14:55	Bailer	

SECTION 4 - WATER QUALITY DATA							
SWL (FT)	TEMP (°C)	pH	CONDUCTIVITY (mS/cm)	TURBIDITY (NTU)	DO (mg/L)	ORP (mV)	VISUAL
8.28	21.0	7.23	0.31	53	NC	23	Clear, odorless

**DAY ENVIRONMENTAL, INC.  
MONITORING WELL SAMPLING LOG**

**WELL MW-13**

SECTION 1 - SITE INFORMATION	
SITE LOCATION: <u>95 Mt. Read Blvd.</u>	JOB #: <u>3681R-08</u>
<u>Rochester, NY</u>	DATE : <u>8/14/08</u>
SAMPLE COLLECTOR(S): <u>GRM</u>	
WEATHER CONDITIONS: _____	PID IN WELL (PPM): <u>N/C</u> LNAPL <u>N/O</u> DNAPL <u>N/O</u>

SECTION 2 - PURGE INFORMATION	
DEPTH OF WELL [FT]: <u>13.09</u> (MEASURED FROM TOP OF CASING - T.O.C.)	
STATIC WATER LEVEL (SWL) [FT]: <u>8.68</u> (MEASURED FROM T.O.C.)	
THICKNESS OF WATER COLUMN [FT]: <u>4.41</u> (DEPTH OF WELL - SWL)	
CALCULATED VOL. OF H <sub>2</sub> O PER WELL CASING [GAL]: <u>0.74</u> CASING DIA.: <u>2"</u>	
<b>CALCULATIONS:</b>	
<u>CASING DIA. (FT)</u>	<u>WELL CONSTANT(GAL/FT)</u>
3/4" (0.0625)	0.023
1" (0.0833)	0.041
1 1/4" (0.1041)	0.063
2" (0.1667)	0.1632
3" (0.250)	0.380
4" (0.3333)	0.6528
4 1/2" (0.375)	0.826
6" (0.5000)	1.4688
8" (0.666)	2.611
VOL. OF H <sub>2</sub> O IN CASING = DEPTH OF WATER COLUMN X WELL CONSTANT	
CALCULATED PURGE VOLUME [GAL]: <u>2.21</u> (3 TIMES CASING VOLUME)	
ACTUAL VOLUME PURGED [GAL]: <u>1.0 (Dry)</u>	
PURGE METHOD: <u>Vacuum Extraction Pump</u> PURGE START: <u>10:55</u> END: <u>11:30</u>	

SECTION 3 - SAMPLE IDENTIFICATION AND TEST PARAMETERS			
SAMPLE ID #	DATE / TIME	SAMPLING METHOD	ANALYTICAL SCAN(S)
MW-13	8-14-08 / 14:40	Bailer	

SECTION 4 - WATER QUALITY DATA							
SWL (FT)	TEMP (°C)	pH	CONDUCTIVITY (mS/cm)	TURBIDITY (NTU)	DO (mg/L)	ORP (mV)	VISUAL
8.68	18.7	7.32	0.34	41	NC	-41	

**DAY ENVIRONMENTAL, INC.  
MONITORING WELL SAMPLING LOG**

**WELL MW-30**

SECTION 1 - SITE INFORMATION	
SITE LOCATION: <u>95 Mt. Read Blvd.</u>	JOB #: <u>3681R-08</u>
<u>Rochester, NY</u>	DATE : <u>8/14/08</u>
SAMPLE COLLECTOR(S): <u>GRM</u>	
WEATHER CONDITIONS: _____	PID IN WELL (PPM): <u>N/C</u> LNAPL <u>N/O</u> DNAPL <u>N/O</u>

SECTION 2 - PURGE INFORMATION	
DEPTH OF WELL [FT]: <u>19.65</u> (MEASURED FROM TOP OF CASING - T.O.C.)	
STATIC WATER LEVEL (SWL) [FT]: <u>11.82</u> (MEASURED FROM T.O.C.)	
THICKNESS OF WATER COLUMN [FT]: <u>7.83</u> (DEPTH OF WELL - SWL)	
CALCULATED VOL. OF H <sub>2</sub> O PER WELL CASING [GAL]: <u>1.31</u> CASING DIA.: <u>2"</u>	
<b>CALCULATIONS:</b>	
<u>CASING DIA. (FT)</u>	<u>WELL CONSTANT(GAL/FT)</u>
3/4" (0.0625)	0.023
1" (0.0833)	0.041
1 1/4" (0.1041)	0.063
2" (0.1667)	0.1632
3" (0.250)	0.380
4" (0.3333)	0.6528
4 1/2" (0.375)	0.826
6" (0.5000)	1.4688
8" (0.666)	2.611
VOL. OF H <sub>2</sub> O IN CASING = DEPTH OF WATER COLUMN X WELL CONSTANT	
CALCULATED PURGE VOLUME [GAL]: <u>3.91</u> (3 TIMES CASING VOLUME)	
ACTUAL VOLUME PURGED [GAL]: <u>2.1</u> (Dry)	
PURGE METHOD: <u>Vacuum Extraction Pump</u> PURGE START: <u>--</u> END: <u>--</u>	

SECTION 3 - SAMPLE IDENTIFICATION AND TEST PARAMETERS			
SAMPLE ID #	DATE / TIME	SAMPLING METHOD	ANALYTICAL SCAN(S)
MW-30	8-14-08 / 15:20	Bailer	

SECTION 4 - WATER QUALITY DATA							
SWL (FT)	TEMP (°C)	pH	CONDUCTIVITY (mS/cm)	TURBIDITY (NTU)	DO (mg/L)	ORP (mV)	VISUAL
11.82	19.9	7.25	0.35	59	NC	-102	Clear, Septic Odor

**DAY ENVIRONMENTAL, INC.  
MONITORING WELL SAMPLING LOG**

**WELL MW-31**

SECTION 1 - SITE INFORMATION	
SITE LOCATION: <u>95 Mt. Read Blvd.</u>	JOB #: <u>3681R-08</u>
<u>Rochester, NY</u>	DATE : <u>8/14/08</u>
SAMPLE COLLECTOR(S): <u>GRM</u>	
WEATHER CONDITIONS: _____	PID IN WELL (PPM): <u>N/C</u> LNAPL <u>N/O</u> DNAPL <u>N/O</u>

SECTION 2 - PURGE INFORMATION	
DEPTH OF WELL [FT]: <u>20.07</u> (MEASURED FROM TOP OF CASING - T.O.C.)	
STATIC WATER LEVEL (SWL) [FT]: <u>12.68</u> (MEASURED FROM T.O.C.)	
THICKNESS OF WATER COLUMN [FT]: <u>7.39</u> (DEPTH OF WELL - SWL)	
CALCULATED VOL. OF H <sub>2</sub> O PER WELL CASING [GAL]: <u>1.23</u> CASING DIA.: <u>2"</u>	
<b>CALCULATIONS:</b>	
<u>CASING DIA. (FT)</u>	<u>WELL CONSTANT(GAL/FT)</u>
3/4" (0.0625)	0.023
1" (0.0833)	0.041
1 1/4" (0.1041)	0.063
2" (0.1667)	0.1632
3" (0.250)	0.380
4" (0.3333)	0.6528
4 1/2" (0.375)	0.826
6" (0.5000)	1.4688
8" (0.666)	2.611
VOL. OF H <sub>2</sub> O IN CASING = DEPTH OF WATER COLUMN X WELL CONSTANT	
CALCULATED PURGE VOLUME [GAL]: <u>3.70</u> (3 TIMES CASING VOLUME)	
ACTUAL VOLUME PURGED [GAL]: <u>3.50</u>	
PURGE METHOD: <u>Vacuum Extraction Pump</u> PURGE START: <u>11:15</u> END: <u>11:35</u>	

SECTION 3 - SAMPLE IDENTIFICATION AND TEST PARAMETERS			
SAMPLE ID #	DATE / TIME	SAMPLING METHOD	ANALYTICAL SCAN(S)
MW-31	8-14-08 / 11:40	Bailer	

SECTION 4 - WATER QUALITY DATA							
SWL (FT)	TEMP (°C)	pH	CONDUCTIVITY (mS/cm)	TURBIDITY (NTU)	DO (mg/L)	ORP (mV)	VISUAL
12.68	19.2	7.43	0.32	320	NC	71	Clear, No Odor

**DAY ENVIRONMENTAL, INC.  
MONITORING WELL SAMPLING LOG**

**WELL MW-33**

SECTION 1 - SITE INFORMATION	
SITE LOCATION: <u>95 Mt. Read Blvd.</u>	JOB #: <u>3681R-08</u>
<u>Rochester, NY</u>	DATE : <u>8/13/08</u>
SAMPLE COLLECTOR(S): <u>GRM</u>	
WEATHER CONDITIONS: _____	PID IN WELL (PPM): <u>N/C</u> LNAPL <u>N/O</u> DNAPL <u>N/O</u>

SECTION 2 - PURGE INFORMATION	
DEPTH OF WELL [FT]: <u>19.3</u>	(MEASURED FROM TOP OF CASING - T.O.C.)
STATIC WATER LEVEL (SWL) [FT]: <u>10.85</u>	(MEASURED FROM T.O.C.)
THICKNESS OF WATER COLUMN [FT]: <u>8.45</u>	(DEPTH OF WELL - SWL)
CALCULATED VOL. OF H <sub>2</sub> O PER WELL CASING [GAL]: <u>1.41</u>	CASING DIA.: <u>2"</u>
<b>CALCULATIONS:</b>	
<b>CASING DIA. (FT)</b>	<b>WELL CONSTANT(GAL/FT)</b>
<u>3/4" (0.0625)</u>	<u>0.023</u>
<u>1" (0.0833)</u>	<u>0.041</u>
<u>1 1/4" (0.1041)</u>	<u>0.063</u>
<u>2" (0.1667)</u>	<u>0.1632</u>
<u>3" (0.250)</u>	<u>0.380</u>
<u>4" (0.3333)</u>	<u>0.6528</u>
<u>4 1/2" (0.375)</u>	<u>0.826</u>
<u>6" (0.5000)</u>	<u>1.4688</u>
<u>8" (0.666)</u>	<u>2.611</u>
VOL. OF H <sub>2</sub> O IN CASING = DEPTH OF WATER COLUMN X WELL CONSTANT	
CALCULATED PURGE VOLUME [GAL]: <u>4.23</u>	(3 TIMES CASING VOLUME)
ACTUAL VOLUME PURGED [GAL]: <u>4.05</u>	
PURGE METHOD: <u>Vacuum Extraction Pump</u>	PURGE START: <u>14:00</u> END: <u>14:55</u>

SECTION 3 - SAMPLE IDENTIFICATION AND TEST PARAMETERS			
SAMPLE ID #	DATE / TIME	SAMPLING METHOD	ANALYTICAL SCAN(S)
MW-33	8-14-08 / 15:00	Bailer	

SECTION 4 - WATER QUALITY DATA							
SWL (FT)	TEMP (°C)	pH	CONDUCTIVITY (mS/cm)	TURBIDITY (NTU)	DO (mg/L)	ORP (mV)	VISUAL
10.85	19.1	7.27	0.28	93	NC	50	Clear, Odorless

**DAY ENVIRONMENTAL, INC.  
MONITORING WELL SAMPLING LOG**

**WELL MW-34**

SECTION 1 - SITE INFORMATION	
SITE LOCATION: <u>95 Mt. Read Blvd.</u>	JOB #: <u>3681R-08</u>
<u>Rochester, NY</u>	DATE : <u>8/14/08</u>
SAMPLE COLLECTOR(S): <u>GRM</u>	
WEATHER CONDITIONS: _____	PID IN WELL (PPM): <u>N/C</u> LNAPL <u>N/O</u> DNAPL <u>N/O</u>

SECTION 2 - PURGE INFORMATION	
DEPTH OF WELL [FT]: <u>19.40</u> (MEASURED FROM TOP OF CASING - T.O.C.)	
STATIC WATER LEVEL (SWL) [FT]: <u>9.50</u> (MEASURED FROM T.O.C.)	
THICKNESS OF WATER COLUMN [FT]: <u>9.90</u> (DEPTH OF WELL - SWL)	
CALCULATED VOL. OF H <sub>2</sub> O PER WELL CASING [GAL]: <u>1.65</u> CASING DIA.: <u>2"</u>	
<b>CALCULATIONS:</b>	
<u>CASING DIA. (FT)</u>	<u>WELL CONSTANT(GAL/FT)</u>
3/4" (0.0625)	0.023
1" (0.0833)	0.041
1 1/4" (0.1041)	0.063
2" (0.1667)	0.1632
3" (0.250)	0.380
4" (0.3333)	0.6528
4 1/2" (0.375)	0.826
6" (0.5000)	1.4688
8" (0.666)	2.611
VOL. OF H <sub>2</sub> O IN CASING = DEPTH OF WATER COLUMN X WELL CONSTANT	
CALCULATED PURGE VOLUME [GAL]: <u>4.95</u> (3 TIMES CASING VOLUME)	
ACTUAL VOLUME PURGED [GAL]: <u>4.70</u>	
PURGE METHOD: <u>Vacuum Extraction Pump</u> PURGE START: <u>12:10</u> END: <u>12:25</u>	

SECTION 3 - SAMPLE IDENTIFICATION AND TEST PARAMETERS			
SAMPLE ID #	DATE / TIME	SAMPLING METHOD	ANALYTICAL SCAN(S)
MW-34	8-14-08 / 12:30	Bailer	

SECTION 4 - WATER QUALITY DATA							
SWL (FT)	TEMP (°C)	pH	CONDUCTIVITY (mS/cm)	TURBIDITY (NTU)	DO (mg/L)	ORP (mV)	VISUAL
9.50	21.0	7.35	0.23	44	NC	-129	Clear, Odorless



**DAY ENVIRONMENTAL, INC.  
MONITORING WELL SAMPLING LOG**

**WELL MW-33**

SECTION 1 - SITE INFORMATION	
SITE LOCATION: <u>95 Mt. Read Blvd</u>	JOB #: <u>3681R-05</u>
	DATE : <u>8/5/09 - 8/6/09</u>
SAMPLE COLLECTOR(S): <u>GRM</u>	
WEATHER CONDITIONS: <u>75° Partly Cloudy</u>	PID IN WELL (PPM): <u>NC</u> LNAPL <u>None</u> DNAPL <u>None</u>

SECTION 2 - PURGE INFORMATION	
DEPTH OF WELL [FT]: <u>19.40</u>	(MEASURED FROM TOP OF CASING - T.O.C.)
STATIC WATER LEVEL (SWL) [FT]: <u>10.58</u>	(MEASURED FROM T.O.C.)
THICKNESS OF WATER COLUMN [FT]: <u>8.82</u>	(DEPTH OF WELL - SWL)
CALCULATED VOL. OF H <sub>2</sub> O PER WELL CASING [GAL]: <u>1.47</u>	CASING DIA.: <u>2"</u>
<b>CALCULATIONS:</b>	
<b>CASING DIA. (FT)</b>	<b>WELL CONSTANT(GAL/FT)</b>
<u>3/4" (0.0625)</u>	<u>0.023</u>
<u>1" (0.0833)</u>	<u>0.041</u>
<u>1 1/4" (0.1041)</u>	<u>0.063</u>
<u>2" (0.1667)</u>	<u>0.1632</u>
<u>3" (0.250)</u>	<u>0.380</u>
<u>4" (0.3333)</u>	<u>0.6528</u>
<u>4 1/2" (0.375)</u>	<u>0.826</u>
<u>6" (0.5000)</u>	<u>1.4688</u>
<u>8" (0.666)</u>	<u>2.611</u>
VOL. OF H <sub>2</sub> O IN CASING = DEPTH OF WATER COLUMN X WELL CONSTANT	
CALCULATED PURGE VOLUME [GAL]: <u>4.41</u>	(3 TIMES CASING VOLUME)
ACTUAL VOLUME PURGED [GAL]: <u>4.25 Well Dry</u>	
PURGE METHOD: <u>Vacuum Purge System</u>	PURGE START: <u>11:20</u> END: <u>11:30</u>

SECTION 3 - SAMPLE IDENTIFICATION AND TEST PARAMETERS			
SAMPLE ID #	DATE / TIME	SAMPLING METHOD	ANALYTICAL SCAN(S)
MW-33	8/6/09 / 10:40	Grab	Hexavalent Chromium Total Chromium

SECTION 4 - WATER QUALITY DATA							
SWL (FT)	TEMP (°C)	pH	CONDUCTIVITY (S/m)	TURBIDITY (NTU)	DO (mg/L)	ORP (mV)	VISUAL
11.0	18.5	7.80	0.36	187	0.0	11	Slightly cloudy white

**DAY ENVIRONMENTAL, INC.  
MONITORING WELL SAMPLING LOG**

**WELL MW-8**

SECTION 1 - SITE INFORMATION	
SITE LOCATION: <u>95 Mt. Read Blvd</u>	JOB #: <u>3681R-05</u>
	DATE : <u>8/5/09 - 8/6/09</u>
SAMPLE COLLECTOR(S): <u>GRM</u>	
WEATHER CONDITIONS: <u>75° Partly Cloudy</u>	PID IN WELL (PPM): <u>NC</u> LNAPL <u>None</u> DNAPL <u>None</u>

SECTION 2 - PURGE INFORMATION	
DEPTH OF WELL [FT]: <u>13.45</u>	(MEASURED FROM TOP OF CASING - T.O.C.)
STATIC WATER LEVEL (SWL) [FT]: <u>10.53</u>	(MEASURED FROM T.O.C.)
THICKNESS OF WATER COLUMN [FT]: <u>2.92</u>	(DEPTH OF WELL - SWL)
CALCULATED VOL. OF H <sub>2</sub> O PER WELL CASING [GAL]: <u>0.487</u>	CASING DIA.: <u>2"</u>
<b>CALCULATIONS:</b>	
<b>CASING DIA. (FT)</b>	<b>WELL CONSTANT(GAL/FT)</b>
<u>3/4" (0.0625)</u>	<u>0.023</u>
<u>1" (0.0833)</u>	<u>0.041</u>
<u>1 1/4" (0.1041)</u>	<u>0.063</u>
<u>2" (0.1667)</u>	<u>0.1632</u>
<u>3" (0.250)</u>	<u>0.380</u>
<u>4" (0.3333)</u>	<u>0.6528</u>
<u>4 1/2" (0.375)</u>	<u>0.826</u>
<u>6" (0.5000)</u>	<u>1.4688</u>
<u>8" (0.666)</u>	<u>2.611</u>
VOL. OF H <sub>2</sub> O IN CASING = DEPTH OF WATER COLUMN X WELL CONSTANT	
CALCULATED PURGE VOLUME [GAL]: <u>1.46</u>	(3 TIMES CASING VOLUME)
ACTUAL VOLUME PURGED [GAL]: <u>0.5 Well dry</u>	
PURGE METHOD: <u>Vacuum Purge System</u>	PURGE START: <u>11:40</u> END: <u>11:45</u>

SECTION 3 - SAMPLE IDENTIFICATION AND TEST PARAMETERS			
SAMPLE ID #	DATE / TIME	SAMPLING METHOD	ANALYTICAL SCAN(S)
MW-8	8/6/09 / 11:00	Grab	Hexavalent Chromium Total Chromium

SECTION 4 - WATER QUALITY DATA							
SWL (FT)	TEMP (°C)	pH	CONDUCTIVITY (S/m)	TURBIDITY (NTU)	DO (mg/L)	ORP (mV)	VISUAL
10.65	18.6	7.79	0.42	>999	0.0	67	Cloudy green

**DAY ENVIRONMENTAL, INC.  
MONITORING WELL SAMPLING LOG**

**WELL MW-31**

SECTION 1 - SITE INFORMATION	
SITE LOCATION: <u>95 Mt. Read Blvd</u>	JOB #: <u>3681R-05</u>
	DATE : <u>8/5/09 - 8/6/09</u>
SAMPLE COLLECTOR(S): <u>GRM</u>	
WEATHER CONDITIONS: <u>75° Partly Cloudy</u>	PID IN WELL (PPM): <u>NC</u> LNAPL <u>None</u> DNAPL <u>None</u>

SECTION 2 - PURGE INFORMATION	
DEPTH OF WELL [FT]: <u>20.20</u>	(MEASURED FROM TOP OF CASING - T.O.C.)
STATIC WATER LEVEL (SWL) [FT]: <u>12.85</u>	(MEASURED FROM T.O.C.)
THICKNESS OF WATER COLUMN [FT]: <u>7.35</u>	(DEPTH OF WELL - SWL)
CALCULATED VOL. OF H <sub>2</sub> O PER WELL CASING [GAL]: <u>1.23</u>	CASING DIA.: <u>2"</u>
<b>CALCULATIONS:</b>	
<u>CASING DIA. (FT)</u>	<u>WELL CONSTANT(GAL/FT)</u>
<u>3/4" (0.0625)</u>	<u>0.023</u>
<u>1" (0.0833)</u>	<u>0.041</u>
<u>1 1/4" (0.1041)</u>	<u>0.063</u>
<u>2" (0.1667)</u>	<u>0.1632</u>
<u>3" (0.250)</u>	<u>0.380</u>
<u>4" (0.3333)</u>	<u>0.6528</u>
<u>4 1/2" (0.375)</u>	<u>0.826</u>
<u>6" (0.5000)</u>	<u>1.4688</u>
<u>8" (0.666)</u>	<u>2.611</u>
VOL. OF H <sub>2</sub> O IN CASING = DEPTH OF WATER COLUMN X WELL CONSTANT	
CALCULATED PURGE VOLUME [GAL]: <u>3.68</u>	(3 TIMES CASING VOLUME)
ACTUAL VOLUME PURGED [GAL]: <u>2.0 Well dry</u>	
PURGE METHOD: <u>Vacuum Purge System</u>	PURGE START: <u>11:50</u> END: <u>12:00</u>

SECTION 3 - SAMPLE IDENTIFICATION AND TEST PARAMETERS			
SAMPLE ID #	DATE / TIME	SAMPLING METHOD	ANALYTICAL SCAN(S)
MW-31	8/6/09 / 11:30	Grab	Hexavalent Chromium Total Chromium

SECTION 4 - WATER QUALITY DATA							
SWL (FT)	TEMP (°C)	pH	CONDUCTIVITY (mS/cm)	TURBIDITY (NTU)	DO (mg/L)	ORP (mV)	VISUAL
13.74	18.7	7.87	0.47	171	0.0	67	Brown tint

**DAY ENVIRONMENTAL, INC.  
MONITORING WELL SAMPLING LOG**

**WELL MW-30**

SECTION 1 - SITE INFORMATION	
SITE LOCATION: <u>95 Mt. Read Blvd</u>	JOB #: <u>3681R-05</u>
_____	DATE : <u>8/5/09 - 8/6/09</u>
SAMPLE COLLECTOR(S): <u>GRM</u>	
WEATHER CONDITIONS: <u>75° Partly Cloudy</u>	PID IN WELL (PPM): <u>NC</u> LNAPL <u>None</u> DNAPL <u>None</u>

SECTION 2 - PURGE INFORMATION	
DEPTH OF WELL [FT]: <u>19.50</u> (MEASURED FROM TOP OF CASING - T.O.C.)	
STATIC WATER LEVEL (SWL) [FT]: <u>13.32</u> (MEASURED FROM T.O.C.)	
THICKNESS OF WATER COLUMN [FT]: <u>6.18</u> (DEPTH OF WELL - SWL)	
CALCULATED VOL. OF H <sub>2</sub> O PER WELL CASING [GAL]: <u>1.03</u> CASING DIA.: <u>2"</u>	
<b>CALCULATIONS:</b>	
<u>CASING DIA. (FT)</u>	<u>WELL CONSTANT(GAL/FT)</u>
3/4" (0.0625)	0.023
1" (0.0833)	0.041
1 1/4" (0.1041)	0.063
2" (0.1667)	0.1632
3" (0.250)	0.380
4" (0.3333)	0.6528
4 1/2" (0.375)	0.826
6" (0.5000)	1.4688
8" (0.666)	2.611
VOL. OF H <sub>2</sub> O IN CASING = DEPTH OF WATER COLUMN X WELL CONSTANT	
CALCULATED PURGE VOLUME [GAL]: <u>3.09</u> (3 TIMES CASING VOLUME)	
ACTUAL VOLUME PURGED [GAL]: <u>1.75 Well dry</u>	
PURGE METHOD: <u>Vacuum Purge System</u> PURGE START: <u>12:10</u> END: <u>12:14</u>	

SECTION 3 - SAMPLE IDENTIFICATION AND TEST PARAMETERS			
SAMPLE ID #	DATE / TIME	SAMPLING METHOD	ANALYTICAL SCAN(S)
MW-30	8/6/09 / 12:00	Grab	Hexavalent Chromium Total Chromium

SECTION 4 - WATER QUALITY DATA							
SWL (FT)	TEMP (°C)	pH	CONDUCTIVITY (S/m)	TURBIDITY (NTU)	DO (mg/L)	ORP (mV)	VISUAL
12.97	19.1	7.68	0.45	136	0.0	53	White tint, septic type odor

**DAY ENVIRONMENTAL, INC.  
MONITORING WELL SAMPLING LOG**

**WELL MW-11**

SECTION 1 - SITE INFORMATION	
SITE LOCATION: <u>95 Mt. Read Blvd</u>	JOB #: <u>3681R-05</u>
_____	DATE : <u>8/5/09 - 8/6/09</u>
SAMPLE COLLECTOR(S): <u>GRM</u>	
WEATHER CONDITIONS: <u>75° Partly Cloudy</u>	PID IN WELL (PPM): <u>NC</u> LNAPL <u>None</u> DNAPL <u>None</u>

SECTION 2 - PURGE INFORMATION	
DEPTH OF WELL [FT]: <u>13.56</u> (MEASURED FROM TOP OF CASING - T.O.C.)	
STATIC WATER LEVEL (SWL) [FT]: <u>8.17</u> (MEASURED FROM T.O.C.)	
THICKNESS OF WATER COLUMN [FT]: <u>5.39</u> (DEPTH OF WELL - SWL)	
CALCULATED VOL. OF H <sub>2</sub> O PER WELL CASING [GAL]: <u>0.899</u> CASING DIA.: <u>2"</u>	
<b>CALCULATIONS:</b>	
<u>CASING DIA. (FT)</u>	<u>WELL CONSTANT(GAL/FT)</u>
3/4" (0.0625)	0.023
1" (0.0833)	0.041
1 1/4" (0.1041)	0.063
2" (0.1667)	0.1632
3" (0.250)	0.380
4" (0.3333)	0.6528
4 1/2" (0.375)	0.826
6" (0.5000)	1.4688
8" (0.666)	2.611
VOL. OF H <sub>2</sub> O IN CASING = DEPTH OF WATER COLUMN X WELL CONSTANT	
CALCULATED PURGE VOLUME [GAL]: <u>2.70</u> (3 TIMES CASING VOLUME)	
ACTUAL VOLUME PURGED [GAL]: <u>1.75 Well dry</u>	
PURGE METHOD: <u>Vacuum Purge System</u> PURGE START: <u>12:30</u> END: <u>12:40</u>	

SECTION 3 - SAMPLE IDENTIFICATION AND TEST PARAMETERS			
SAMPLE ID #	DATE / TIME	SAMPLING METHOD	ANALYTICAL SCAN(S)
MW-11	8/6/09 / 12:38	Grab	Hexavalent Chromium Total Chromium

SECTION 4 - WATER QUALITY DATA							
SWL (FT)	TEMP (°C)	pH	CONDUCTIVITY (S/m)	TURBIDITY (NTU)	DO (mg/L)	ORP (mV)	VISUAL
8.29	21.2	7.69	0.29	56.9	0.0	101	Clear

**DAY ENVIRONMENTAL, INC.  
MONITORING WELL SAMPLING LOG**

**WELL MW-34**

SECTION 1 - SITE INFORMATION	
SITE LOCATION: <u>95 Mt. Read Blvd</u>	JOB #: <u>3681R-05</u>
_____	DATE : <u>8/5/09 - 8/6/09</u>
SAMPLE COLLECTOR(S): <u>GRM</u>	
WEATHER CONDITIONS: <u>75° Partly Cloudy</u>	PID IN WELL (PPM): <u>NC</u> LNAPL <u>None</u> DNAPL <u>None</u>

SECTION 2 - PURGE INFORMATION	
DEPTH OF WELL [FT]: <u>19.40</u> (MEASURED FROM TOP OF CASING - T.O.C.)	
STATIC WATER LEVEL (SWL) [FT]: <u>9.83</u> (MEASURED FROM T.O.C.)	
THICKNESS OF WATER COLUMN [FT]: <u>9.57</u> (DEPTH OF WELL - SWL)	
CALCULATED VOL. OF H <sub>2</sub> O PER WELL CASING [GAL]: <u>1.595</u> CASING DIA.: <u>2"</u>	
<b>CALCULATIONS:</b>	
<u>CASING DIA. (FT)</u>	<u>WELL CONSTANT(GAL/FT)</u>
3/4" (0.0625)	0.023
1" (0.0833)	0.041
1 1/4" (0.1041)	0.063
2" (0.1667)	0.1632
3" (0.250)	0.380
4" (0.3333)	0.6528
4 1/2" (0.375)	0.826
6" (0.5000)	1.4688
8" (0.666)	2.611
VOL. OF H <sub>2</sub> O IN CASING = DEPTH OF WATER COLUMN X WELL CONSTANT	
CALCULATED PURGE VOLUME [GAL]: <u>4.78</u> (3 TIMES CASING VOLUME)	
ACTUAL VOLUME PURGED [GAL]: <u>2.25 Well dry</u>	
PURGE METHOD: <u>Vacuum Purge System</u> PURGE START: <u>13:00</u> END: <u>13:21</u>	

SECTION 3 - SAMPLE IDENTIFICATION AND TEST PARAMETERS			
SAMPLE ID #	DATE / TIME	SAMPLING METHOD	ANALYTICAL SCAN(S)
MW-34	8/6/09 / 13:20	Grab	Hexavalent Chromium Total Chromium

SECTION 4 - WATER QUALITY DATA							
SWL (FT)	TEMP (°C)	pH	CONDUCTIVITY (S/m)	TURBIDITY (NTU)	DO (mg/L)	ORP (mV)	VISUAL
9.69	21.1	7.80	0.35	453	0.0	90	Cloudy white

**DAY ENVIRONMENTAL, INC.  
MONITORING WELL SAMPLING LOG**

**WELL MW-13**

SECTION 1 - SITE INFORMATION	
SITE LOCATION: <u>95 Mt. Read Blvd</u>	JOB #: <u>3681R-05</u>
_____	DATE : <u>8/5/09 - 8/6/09</u>
SAMPLE COLLECTOR(S): <u>GRM</u>	
WEATHER CONDITIONS: <u>75° Partly Cloudy</u>	PID IN WELL (PPM): <u>NC</u> LNAPL <u>None</u> DNAPL <u>None</u>

SECTION 2 - PURGE INFORMATION	
DEPTH OF WELL [FT]: <u>13.58</u> (MEASURED FROM TOP OF CASING - T.O.C.)	
STATIC WATER LEVEL (SWL) [FT]: <u>8.71</u> (MEASURED FROM T.O.C.)	
THICKNESS OF WATER COLUMN [FT]: <u>4.87</u> (DEPTH OF WELL - SWL)	
CALCULATED VOL. OF H <sub>2</sub> O PER WELL CASING [GAL]: <u>0.81</u> CASING DIA.: <u>2"</u>	
<b>CALCULATIONS:</b>	
<u>CASING DIA. (FT)</u>	<u>WELL CONSTANT(GAL/FT)</u>
3/4" (0.0625)	0.023
1" (0.0833)	0.041
1 1/4" (0.1041)	0.063
2" (0.1667)	0.1632
3" (0.250)	0.380
4" (0.3333)	0.6528
4 1/2" (0.375)	0.826
6" (0.5000)	1.4688
8" (0.666)	2.611
VOL. OF H <sub>2</sub> O IN CASING = DEPTH OF WATER COLUMN X WELL CONSTANT	
CALCULATED PURGE VOLUME [GAL]: <u>2.44</u> (3 TIMES CASING VOLUME)	
ACTUAL VOLUME PURGED [GAL]: <u>1.0 Well dry</u>	
PURGE METHOD: <u>Vacuum Purge System</u> PURGE START: <u>13:40</u> END: <u>14:00</u>	

SECTION 3 - SAMPLE IDENTIFICATION AND TEST PARAMETERS			
SAMPLE ID #	DATE / TIME	SAMPLING METHOD	ANALYTICAL SCAN(S)
MW-13	8/6/09 / 13:40	Grab	Hexavalent Chromium Total Chromium

SECTION 4 - WATER QUALITY DATA							
SWL (FT)	TEMP (°C)	pH	CONDUCTIVITY (S/m)	TURBIDITY (NTU)	DO (mg/L)	ORP (mV)	VISUAL
8.81	18.6	7.89	0.30	210	0.0	92	Cloudy white

**DAY ENVIRONMENTAL, INC.  
MONITORING WELL SAMPLING LOG**

**WELL MW-4**

SECTION 1 - SITE INFORMATION	
SITE LOCATION: <u>95 Mt. Read Blvd</u>	JOB #: <u>3681R-05</u>
	DATE : <u>8/10/09 – 8/11/09</u>
SAMPLE COLLECTOR(S): <u>GRM</u>	
WEATHER CONDITIONS: <u>75° Partly Cloudy</u>	PID IN WELL (PPM): <u>NC</u> LNAPL <u>None</u> DNAPL <u>None</u>

SECTION 2 - PURGE INFORMATION	
DEPTH OF WELL [FT]: <u>16.24</u>	(MEASURED FROM TOP OF CASING - T.O.C.)
STATIC WATER LEVEL (SWL) [FT]: <u>7.09</u>	(MEASURED FROM T.O.C.)
THICKNESS OF WATER COLUMN [FT]: <u>9.15</u>	(DEPTH OF WELL - SWL)
CALCULATED VOL. OF H <sub>2</sub> O PER WELL CASING [GAL]: <u>1.49</u>	CASING DIA.: <u>2"</u>
<b>CALCULATIONS:</b>	
<b>CASING DIA. (FT)</b>	<b>WELL CONSTANT(GAL/FT)</b>
<u>3/4" (0.0625)</u>	<u>0.023</u>
<u>1" (0.0833)</u>	<u>0.041</u>
<u>1 1/4" (0.1041)</u>	<u>0.063</u>
<u>2" (0.1667)</u>	<u>0.1632</u>
<u>3" (0.250)</u>	<u>0.380</u>
<u>4" (0.3333)</u>	<u>0.6528</u>
<u>4 1/2" (0.375)</u>	<u>0.826</u>
<u>6" (0.5000)</u>	<u>1.4688</u>
<u>8" (0.666)</u>	<u>2.611</u>
VOL. OF H <sub>2</sub> O IN CASING = DEPTH OF WATER COLUMN X WELL CONSTANT	
CALCULATED PURGE VOLUME [GAL]: <u>4.48</u>	(3 TIMES CASING VOLUME)
ACTUAL VOLUME PURGED [GAL]: <u>5.0</u>	
PURGE METHOD: <u>Vacuum Purge System</u>	PURGE START: <u>11:30</u> END: <u>11:58</u>

SECTION 3 - SAMPLE IDENTIFICATION AND TEST PARAMETERS			
SAMPLE ID #	DATE / TIME	SAMPLING METHOD	ANALYTICAL SCAN(S)
MW-4	8/11/09 / 900	Grab	Hexavalent Chromium Total Chromium

SECTION 4 - WATER QUALITY DATA							
SWL (FT)	TEMP (°C)	pH	CONDUCTIVITY (S/m)	TURBIDITY (NTU)	DO (mg/L)	ORP (mV)	VISUAL
7.14	19.4	7.82	0.74	40.6	0.0	133	Slight brown tint



**DAY ENVIRONMENTAL, INC.  
MONITORING WELL SAMPLING LOG**

**WELL MW-21**

SECTION 1 - SITE INFORMATION	
SITE LOCATION: <u>95 Mt. Read Blvd</u>	JOB #: <u>3681R-05</u>
	DATE : <u>8/10/09 - 8/11/09</u>
SAMPLE COLLECTOR(S): <u>GRM</u>	
WEATHER CONDITIONS: <u>75° Partly Cloudy</u>	PID IN WELL (PPM): <u>NC</u> LNAPL <u>None</u> DNAPL <u>None</u>

SECTION 2 - PURGE INFORMATION	
DEPTH OF WELL [FT]: <u>17.42</u>	(MEASURED FROM TOP OF CASING - T.O.C.)
STATIC WATER LEVEL (SWL) [FT]: <u>14.85</u>	(MEASURED FROM T.O.C.)
THICKNESS OF WATER COLUMN [FT]: <u>2.57</u>	(DEPTH OF WELL - SWL)
CALCULATED VOL. OF H <sub>2</sub> O PER WELL CASING [GAL]: <u>3.77</u>	CASING DIA.: <u>6"</u>
<b>CALCULATIONS:</b>	
<u>CASING DIA. (FT)</u>	<u>WELL CONSTANT(GAL/FT)</u>
<u>3/4" (0.0625)</u>	<u>0.023</u>
<u>1" (0.0833)</u>	<u>0.041</u>
<u>1 1/4" (0.1041)</u>	<u>0.063</u>
<u>2" (0.1667)</u>	<u>0.1632</u>
<u>3" (0.250)</u>	<u>0.380</u>
<u>4" (0.3333)</u>	<u>0.6528</u>
<u>4 1/2" (0.375)</u>	<u>0.826</u>
<u>6" (0.5000)</u>	<u>1.4688</u>
<u>8" (0.666)</u>	<u>2.611</u>
VOL. OF H <sub>2</sub> O IN CASING = DEPTH OF WATER COLUMN X WELL CONSTANT	
CALCULATED PURGE VOLUME [GAL]: <u>11.32</u>	(3 TIMES CASING VOLUME)
ACTUAL VOLUME PURGED [GAL]: <u>4.5 Well dry</u>	
PURGE METHOD: <u>Vacuum Purge System</u>	PURGE START: <u>12:11</u> END: <u>12:35</u>

SECTION 3 - SAMPLE IDENTIFICATION AND TEST PARAMETERS			
SAMPLE ID #	DATE / TIME	SAMPLING METHOD	ANALYTICAL SCAN(S)
MW-21	8/11/09 / 9:45	Grab	Hexavalent Chromium Total Chromium

SECTION 4 - WATER QUALITY DATA							
SWL (FT)	TEMP (°C)	pH	CONDUCTIVITY (S/m)	TURBIDITY (NTU)	DO (mg/L)	ORP (mV)	VISUAL
14.7	16.7	8.02	0.18	59.6	0.0	-176	Black suspensions with septic type odor

**DAY ENVIRONMENTAL, INC.  
MONITORING WELL SAMPLING LOG**

**WELL MW-1**

SECTION 1 - SITE INFORMATION	
SITE LOCATION: <u>95 Mt. Read Blvd</u>	JOB #: <u>3681R-05</u>
	DATE : <u>8/10/09 - 8/11/09</u>
SAMPLE COLLECTOR(S): <u>GRM</u>	
WEATHER CONDITIONS: <u>75° Partly Cloudy</u>	PID IN WELL (PPM): <u>NC</u> LNAPL <u>None</u> DNAPL <u>None</u>

SECTION 2 - PURGE INFORMATION	
DEPTH OF WELL [FT]: <u>11.67</u> (MEASURED FROM TOP OF CASING - T.O.C.)	
STATIC WATER LEVEL (SWL) [FT]: <u>7.36</u> (MEASURED FROM T.O.C.)	
THICKNESS OF WATER COLUMN [FT]: <u>4.31</u> (DEPTH OF WELL - SWL)	
CALCULATED VOL. OF H <sub>2</sub> O PER WELL CASING [GAL]: <u>0.70</u> CASING DIA.: <u>2"</u>	
<b>CALCULATIONS:</b>	
<u>CASING DIA. (FT)</u>	<u>WELL CONSTANT(GAL/FT)</u>
3/4" (0.0625)	0.023
1" (0.0833)	0.041
1 1/4" (0.1041)	0.063
2" (0.1667)	0.1632
3" (0.250)	0.380
4" (0.3333)	0.6528
4 1/2" (0.375)	0.826
6" (0.5000)	1.4688
8" (0.666)	2.611
VOL. OF H <sub>2</sub> O IN CASING = DEPTH OF WATER COLUMN X WELL CONSTANT	
CALCULATED PURGE VOLUME [GAL]: <u>2.11</u> (3 TIMES CASING VOLUME)	
ACTUAL VOLUME PURGED [GAL]: <u>0.90 Well dry</u>	
PURGE METHOD: <u>Vacuum Purge System</u> PURGE START: <u>12:48</u> END: <u>13:20</u>	

SECTION 3 - SAMPLE IDENTIFICATION AND TEST PARAMETERS			
SAMPLE ID #	DATE / TIME	SAMPLING METHOD	ANALYTICAL SCAN(S)
MW-1	8/11/09 / 10:00	Grab	Hexavalent Chromium Total Chromium

SECTION 4 - WATER QUALITY DATA							
SWL (FT)	TEMP (°C)	pH	CONDUCTIVITY (S/m)	TURBIDITY (NTU)	DO (mg/L)	ORP (mV)	VISUAL
7.45	19.2	8.46	0.42	248	0.0	-91	Slight brown tint

**DAY ENVIRONMENTAL, INC.  
MONITORING WELL SAMPLING LOG**

**WELL MW-18**

SECTION 1 - SITE INFORMATION	
SITE LOCATION: <u>95 Mt. Read Blvd</u>	JOB #: <u>3681R-05</u>
_____	DATE : <u>8/10/09 – 8/11/09</u>
SAMPLE COLLECTOR(S): <u>GRM</u>	
WEATHER CONDITIONS: <u>75° Partly Cloudy</u>	PID IN WELL (PPM): <u>NC</u> LNAPL <u>None</u> DNAPL <u>None</u>

SECTION 2 - PURGE INFORMATION	
DEPTH OF WELL [FT]: <u>15.72</u> (MEASURED FROM TOP OF CASING - T.O.C.)	
STATIC WATER LEVEL (SWL) [FT]: <u>8.75</u> (MEASURED FROM T.O.C.)	
THICKNESS OF WATER COLUMN [FT]: <u>6.97</u> (DEPTH OF WELL - SWL)	
CALCULATED VOL. OF H <sub>2</sub> O PER WELL CASING [GAL]: <u>1.13</u> CASING DIA.: <u>2"</u>	
<b>CALCULATIONS:</b>	
<u>CASING DIA. (FT)</u>	<u>WELL CONSTANT(GAL/FT)</u>
3/4" (0.0625)	0.023
1" (0.0833)	0.041
1 1/4" (0.1041)	0.063
2" (0.1667)	0.1632
3" (0.250)	0.380
4" (0.3333)	0.6528
4 1/2" (0.375)	0.826
6" (0.5000)	1.4688
8" (0.666)	2.611
VOL. OF H <sub>2</sub> O IN CASING = DEPTH OF WATER COLUMN X WELL CONSTANT	
CALCULATED PURGE VOLUME [GAL]: <u>3.41</u> (3 TIMES CASING VOLUME)	
ACTUAL VOLUME PURGED [GAL]: <u>5.0</u>	
PURGE METHOD: <u>Vacuum Purge System</u> PURGE START: <u>13:32</u> END: <u>13:51</u>	

SECTION 3 - SAMPLE IDENTIFICATION AND TEST PARAMETERS			
SAMPLE ID #	DATE / TIME	SAMPLING METHOD	ANALYTICAL SCAN(S)
MW-18	8/11/09 / 10:30	Grab	Hexavalent Chromium Total Chromium

SECTION 4 - WATER QUALITY DATA							
SWL (FT)	TEMP (°C)	pH	CONDUCTIVITY (S/m)	TURBIDITY (NTU)	DO (mg/L)	ORP (mV)	VISUAL
8.85	19.5	8.05	0.68	534	0.0	-31	Dark brown

**DAY ENVIRONMENTAL, INC.  
MONITORING WELL SAMPLING LOG**

**WELL MW-15**

SECTION 1 - SITE INFORMATION	
SITE LOCATION: <u>95 Mt. Read Blvd</u>	JOB #: <u>3681R-05</u>
	DATE : <u>8/10/09 – 8/11/09</u>
SAMPLE COLLECTOR(S): <u>GRM</u>	
WEATHER CONDITIONS: <u>75° Partly Cloudy</u>	PID IN WELL (PPM): <u>NC</u> LNAPL <u>None</u> DNAPL <u>None</u>

SECTION 2 - PURGE INFORMATION	
DEPTH OF WELL [FT]: <u>11.98</u>	(MEASURED FROM TOP OF CASING - T.O.C.)
STATIC WATER LEVEL (SWL) [FT]: <u>10.26</u>	(MEASURED FROM T.O.C.)
THICKNESS OF WATER COLUMN [FT]: <u>1.72</u>	(DEPTH OF WELL - SWL)
CALCULATED VOL. OF H <sub>2</sub> O PER WELL CASING [GAL]: <u>0.28</u>	CASING DIA.: <u>2"</u>
<b>CALCULATIONS:</b>	
<u>CASING DIA. (FT)</u>	<u>WELL CONSTANT(GAL/FT)</u> <u>CALCULATIONS</u>
<u>3/4" (0.0625)</u>	<u>0.023</u> VOL. OF H <sub>2</sub> O IN CASING = DEPTH OF WATER COLUMN X WELL CONSTANT
<u>1" (0.0833)</u>	<u>0.041</u>
<u>1 1/4" (0.1041)</u>	<u>0.063</u>
<u>2" (0.1667)</u>	<u>0.1632</u>
<u>3" (0.250)</u>	<u>0.380</u>
<u>4" (0.3333)</u>	<u>0.6528</u>
<u>4 1/2" (0.375)</u>	<u>0.826</u>
<u>6" (0.5000)</u>	<u>1.4688</u>
<u>8" (0.666)</u>	<u>2.611</u>
CALCULATED PURGE VOLUME [GAL]: <u>0.84</u>	(3 TIMES CASING VOLUME)
ACTUAL VOLUME PURGED [GAL]: <u>0.5 Well dry</u>	
PURGE METHOD: <u>Vacuum Purge System</u>	PURGE START: <u>14:04</u> END: <u>14:20</u>

SECTION 3 - SAMPLE IDENTIFICATION AND TEST PARAMETERS			
SAMPLE ID #	DATE / TIME	SAMPLING METHOD	ANALYTICAL SCAN(S)
MW-15	8/11/09 / 10:45	Grab	Hexavalent Chromium Total Chromium

SECTION 4 - WATER QUALITY DATA							
SWL (FT)	TEMP (°C)	pH	CONDUCTIVITY (S/m)	TURBIDITY (NTU)	DO (mg/L)	ORP (mV)	VISUAL
10.24	19.1	8.38	0.59	>999	0.0	-27	Cloudy tan

**DAY ENVIRONMENTAL, INC.  
MONITORING WELL SAMPLING LOG**

**WELL MW-14**

SECTION 1 - SITE INFORMATION	
SITE LOCATION: <u>95 Mt. Read Blvd</u>	JOB #: <u>3681R-05</u>
	DATE : <u>8/10/09 - 8/11/09</u>
SAMPLE COLLECTOR(S): <u>GRM</u>	
WEATHER CONDITIONS: <u>75° Partly Cloudy</u>	PID IN WELL (PPM): <u>NC</u> LNAPL <u>None</u> DNAPL <u>None</u>

SECTION 2 - PURGE INFORMATION	
DEPTH OF WELL [FT]: <u>15.66</u> (MEASURED FROM TOP OF CASING - T.O.C.)	
STATIC WATER LEVEL (SWL) [FT]: <u>9.51</u> (MEASURED FROM T.O.C.)	
THICKNESS OF WATER COLUMN [FT]: <u>6.15</u> (DEPTH OF WELL - SWL)	
CALCULATED VOL. OF H <sub>2</sub> O PER WELL CASING [GAL]: <u>1.0</u> CASING DIA.: <u>2"</u>	
<b>CALCULATIONS:</b>	
<u>CASING DIA. (FT)</u>	<u>WELL CONSTANT(GAL/FT)</u>
3/4" (0.0625)	0.023
1" (0.0833)	0.041
1 1/4" (0.1041)	0.063
2" (0.1667)	0.1632
3" (0.250)	0.380
4" (0.3333)	0.6528
4 1/2" (0.375)	0.826
6" (0.5000)	1.4688
8" (0.666)	2.611
VOL. OF H <sub>2</sub> O IN CASING = DEPTH OF WATER COLUMN X WELL CONSTANT	
CALCULATED PURGE VOLUME [GAL]: <u>3.0</u> (3 TIMES CASING VOLUME)	
ACTUAL VOLUME PURGED [GAL]: <u>2.1 Well dry</u>	
PURGE METHOD: <u>Vacuum Purge System</u> PURGE START: <u>14:36</u> END: <u>15:11</u>	

SECTION 3 - SAMPLE IDENTIFICATION AND TEST PARAMETERS			
SAMPLE ID #	DATE / TIME	SAMPLING METHOD	ANALYTICAL SCAN(S)
MW-14	8/1//09 / 11:00	Grab	Hexavalent Chromium Total Chromium

SECTION 4 - WATER QUALITY DATA							
SWL (FT)	TEMP (°C)	pH	CONDUCTIVITY (S/m)	TURBIDITY (NTU)	DO (mg/L)	ORP (mV)	VISUAL
9.56	19.6	8.17	0.43	216	0.0	-95	Orange tint

**DAY ENVIRONMENTAL, INC.  
MONITORING WELL SAMPLING LOG**

**WELL EW-4**

SECTION 1 - SITE INFORMATION	
SITE LOCATION: <u>95 Mt. Read Blvd</u>	JOB #: <u>3681R-05</u>
	DATE : <u>8/10/09 - 8/11/09</u>
SAMPLE COLLECTOR(S): <u>GRM</u>	
WEATHER CONDITIONS: <u>75° Partly Cloudy</u>	PID IN WELL (PPM): <u>NC</u> LNAPL <u>None</u> DNAPL <u>None</u>

SECTION 2 - PURGE INFORMATION	
DEPTH OF WELL [FT]: <u>NA</u> (MEASURED FROM TOP OF CASING - T.O.C.)	
STATIC WATER LEVEL (SWL) [FT]: <u>NA</u> (MEASURED FROM T.O.C.)	
THICKNESS OF WATER COLUMN [FT]: <u>NA</u> (DEPTH OF WELL - SWL)	
CALCULATED VOL. OF H <sub>2</sub> O PER WELL CASING [GAL]: <u>NA</u> CASING DIA.: <u>2"</u>	
<b>CALCULATIONS:</b>	
<u>CASING DIA. (FT)</u>	<u>WELL CONSTANT(GAL/FT)</u>
3/4" (0.0625)	0.023
1" (0.0833)	0.041
1 1/4" (0.1041)	0.063
2" (0.1667)	0.1632
3" (0.250)	0.380
4" (0.3333)	0.6528
4 1/2" (0.375)	0.826
6" (0.5000)	1.4688
8" (0.666)	2.611
VOL. OF H <sub>2</sub> O IN CASING = DEPTH OF WATER COLUMN X WELL CONSTANT	
CALCULATED PURGE VOLUME [GAL]: <u>NA</u> (3 TIMES CASING VOLUME)	
ACTUAL VOLUME PURGED [GAL]: <u>NA</u>	
PURGE METHOD: <u>Vacuum Purge System</u> PURGE START: <u>NA</u> END: <u>NA</u>	

SECTION 3 - SAMPLE IDENTIFICATION AND TEST PARAMETERS			
SAMPLE ID #	DATE / TIME	SAMPLING METHOD	ANALYTICAL SCAN(S)
EW-4	8/11/09 / 9:30	Grab	Hexavalent Chromium Total Chromium

SECTION 4 - WATER QUALITY DATA							
SWL (FT)	TEMP (°C)	pH	CONDUCTIVITY (S/m)	TURBIDITY (NTU)	DO (mg/L)	ORP (mV)	VISUAL
NA	16.8	7.89	0.27	32.8	0.0	-190	Clear with white and black suspensions, septic type odor

**DAY ENVIRONMENTAL, INC.  
MONITORING WELL SAMPLING LOG**

**WELL EW-5**

SECTION 1 - SITE INFORMATION	
SITE LOCATION: <u>95 Mt. Read Blvd</u>	JOB #: <u>3681R-05</u>
_____	DATE : <u>8/10/09 - 8/11/09</u>
SAMPLE COLLECTOR(S): <u>GRM</u>	
WEATHER CONDITIONS: <u>75° Partly Cloudy</u>	PID IN WELL (PPM): <u>NC</u> LNAPL <u>None</u> DNAPL <u>None</u>

SECTION 2 - PURGE INFORMATION	
DEPTH OF WELL [FT]: <u>NA</u> (MEASURED FROM TOP OF CASING - T.O.C.)	
STATIC WATER LEVEL (SWL) [FT]: <u>NA</u> (MEASURED FROM T.O.C.)	
THICKNESS OF WATER COLUMN [FT]: <u>NA</u> (DEPTH OF WELL - SWL)	
CALCULATED VOL. OF H <sub>2</sub> O PER WELL CASING [GAL]: <u>NA</u> CASING DIA.: <u>2"</u>	
<b>CALCULATIONS:</b>	
<u>CASING DIA. (FT)</u>	<u>WELL CONSTANT(GAL/FT)</u>
<u>3/4" (0.0625)</u>	<u>0.023</u>
<u>1" (0.0833)</u>	<u>0.041</u>
<u>1 1/4" (0.1041)</u>	<u>0.063</u>
<u>2" (0.1667)</u>	<u>0.1632</u>
<u>3" (0.250)</u>	<u>0.380</u>
<u>4" (0.3333)</u>	<u>0.6528</u>
<u>4 1/2" (0.375)</u>	<u>0.826</u>
<u>6" (0.5000)</u>	<u>1.4688</u>
<u>8" (0.666)</u>	<u>2.611</u>
VOL. OF H <sub>2</sub> O IN CASING = DEPTH OF WATER COLUMN X WELL CONSTANT	
CALCULATED PURGE VOLUME [GAL]: <u>NA</u> (3 TIMES CASING VOLUME)	
ACTUAL VOLUME PURGED [GAL]: <u>NA</u>	
PURGE METHOD: <u>Vacuum Purge System</u> PURGE START: <u>NA</u> END: <u>NA</u>	

SECTION 3 - SAMPLE IDENTIFICATION AND TEST PARAMETERS			
SAMPLE ID #	DATE / TIME	SAMPLING METHOD	ANALYTICAL SCAN(S)
EW-5	8/11/09 / 10:15	Grab	Hexavalent Chromium Total Chromium

SECTION 4 - WATER QUALITY DATA							
SWL (FT)	TEMP (°C)	pH	CONDUCTIVITY (S/m)	TURBIDITY (NTU)	DO (mg/L)	ORP (mV)	VISUAL
NA	18.2	8.25	0.32	25.2	0.0	-79	Clear, slight septic type odor

**DAY ENVIRONMENTAL, INC.  
MONITORING WELL SAMPLING LOG**

**WELL EW-3**

SECTION 1 - SITE INFORMATION	
SITE LOCATION: <u>95 Mt. Read Blvd</u>	JOB #: <u>3681R-05</u>
_____	DATE : <u>8/10/09 - 8/11/09</u>
SAMPLE COLLECTOR(S): <u>GRM</u>	
WEATHER CONDITIONS: <u>75° Partly Cloudy</u>	PID IN WELL (PPM): <u>NC</u> LNAPL <u>None</u> DNAPL <u>None</u>

SECTION 2 - PURGE INFORMATION	
DEPTH OF WELL [FT]: <u>NA</u> (MEASURED FROM TOP OF CASING - T.O.C.)	
STATIC WATER LEVEL (SWL) [FT]: <u>NA</u> (MEASURED FROM T.O.C.)	
THICKNESS OF WATER COLUMN [FT]: <u>NA</u> (DEPTH OF WELL - SWL)	
CALCULATED VOL. OF H <sub>2</sub> O PER WELL CASING [GAL]: <u>NA</u> CASING DIA.: <u>2"</u>	
<b>CALCULATIONS:</b>	
<u>CASING DIA. (FT)</u>	<u>WELL CONSTANT(GAL/FT)</u>
<u>3/4" (0.0625)</u>	<u>0.023</u>
<u>1" (0.0833)</u>	<u>0.041</u>
<u>1 1/4" (0.1041)</u>	<u>0.063</u>
<u>2" (0.1667)</u>	<u>0.1632</u>
<u>3" (0.250)</u>	<u>0.380</u>
<u>4" (0.3333)</u>	<u>0.6528</u>
<u>4 1/2" (0.375)</u>	<u>0.826</u>
<u>6" (0.5000)</u>	<u>1.4688</u>
<u>8" (0.666)</u>	<u>2.611</u>
VOL. OF H <sub>2</sub> O IN CASING = DEPTH OF WATER COLUMN X WELL CONSTANT	
CALCULATED PURGE VOLUME [GAL]: <u>NA</u> (3 TIMES CASING VOLUME)	
ACTUAL VOLUME PURGED [GAL]: <u>NA</u>	
PURGE METHOD: <u>Vacuum Purge System</u> PURGE START: <u>NA</u> END: <u>NA</u>	

SECTION 3 - SAMPLE IDENTIFICATION AND TEST PARAMETERS			
SAMPLE ID #	DATE / TIME	SAMPLING METHOD	ANALYTICAL SCAN(S)
EW-3	8/11/09 / 11:15	Grab	Hexavalent Chromium Total Chromium

SECTION 4 - WATER QUALITY DATA							
SWL (FT)	TEMP (°C)	pH	CONDUCTIVITY (mS/cm)	TURBIDITY (NTU)	DO (mg/L)	ORP (mV)	VISUAL
NA	20.0	8.03	0.40	29.2	0.0	-119	Clear slight septic type odor



**DAY ENVIRONMENTAL, INC.  
MONITORING WELL SAMPLING LOG**

**WELL EW-2**

SECTION 1 - SITE INFORMATION	
SITE LOCATION: <u>95 Mt. Read Blvd</u>	JOB #: <u>3681R-05</u>
_____	DATE : <u>8/10/09 - 8/11/09</u>
SAMPLE COLLECTOR(S): <u>GRM</u>	
WEATHER CONDITIONS: <u>75° Partly Cloudy</u>	PID IN WELL (PPM): <u>NC</u> LNAPL <u>None</u> DNAPL <u>None</u>

SECTION 2 - PURGE INFORMATION	
DEPTH OF WELL [FT]: <u>NA</u> (MEASURED FROM TOP OF CASING - T.O.C.)	
STATIC WATER LEVEL (SWL) [FT]: <u>NA</u> (MEASURED FROM T.O.C.)	
THICKNESS OF WATER COLUMN [FT]: <u>NA</u> (DEPTH OF WELL - SWL)	
CALCULATED VOL. OF H <sub>2</sub> O PER WELL CASING [GAL]: <u>NA</u> CASING DIA.: <u>2"</u>	
<b>CALCULATIONS:</b>	
<u>CASING DIA. (FT)</u>	<u>WELL CONSTANT(GAL/FT)</u>
<u>3/4" (0.0625)</u>	<u>0.023</u>
<u>1" (0.0833)</u>	<u>0.041</u>
<u>1 1/4" (0.1041)</u>	<u>0.063</u>
<u>2" (0.1667)</u>	<u>0.1632</u>
<u>3" (0.250)</u>	<u>0.380</u>
<u>4" (0.3333)</u>	<u>0.6528</u>
<u>4 1/2" (0.375)</u>	<u>0.826</u>
<u>6" (0.5000)</u>	<u>1.4688</u>
<u>8" (0.666)</u>	<u>2.611</u>
VOL. OF H <sub>2</sub> O IN CASING = DEPTH OF WATER COLUMN X WELL CONSTANT	
CALCULATED PURGE VOLUME [GAL]: <u>NA</u> (3 TIMES CASING VOLUME)	
ACTUAL VOLUME PURGED [GAL]: <u>NA</u>	
PURGE METHOD: <u>Vacuum Purge System</u> PURGE START: <u>NA</u> END: <u>NA</u>	

SECTION 3 - SAMPLE IDENTIFICATION AND TEST PARAMETERS			
SAMPLE ID #	DATE / TIME	SAMPLING METHOD	ANALYTICAL SCAN(S)
EW-2	8/11/09 / 11:30	Grab	Hexavalent Chromium Total Chromium

SECTION 4 - WATER QUALITY DATA							
SWL (FT)	TEMP (°C)	pH	CONDUCTIVITY (S/m)	TURBIDITY (NTU)	DO (mg/L)	ORP (mV)	VISUAL
NA	19.0	8.05	0.32	25.3	0.0	-115	Clear

**DAY ENVIRONMENTAL, INC.  
MONITORING WELL SAMPLING LOG**

**WELL EW-1**

SECTION 1 - SITE INFORMATION	
SITE LOCATION: <u>95 Mt. Read Blvd</u>	JOB #: <u>3681R-05</u>
_____	DATE : <u>8/10/09 - 8/11/09</u>
SAMPLE COLLECTOR(S): <u>GRM</u>	
WEATHER CONDITIONS: <u>75° Partly Cloudy</u>	PID IN WELL (PPM): <u>NC</u> LNAPL <u>None</u> DNAPL <u>None</u>

SECTION 2 - PURGE INFORMATION	
DEPTH OF WELL [FT]: <u>NA</u> (MEASURED FROM TOP OF CASING - T.O.C.)	
STATIC WATER LEVEL (SWL) [FT]: <u>NA</u> (MEASURED FROM T.O.C.)	
THICKNESS OF WATER COLUMN [FT]: <u>NA</u> (DEPTH OF WELL - SWL)	
CALCULATED VOL. OF H <sub>2</sub> O PER WELL CASING [GAL]: <u>NA</u> CASING DIA.: <u>2"</u>	
<b>CALCULATIONS:</b>	
<u>CASING DIA. (FT)</u>	<u>WELL CONSTANT(GAL/FT)</u>
<u>3/4" (0.0625)</u>	<u>0.023</u>
<u>1" (0.0833)</u>	<u>0.041</u>
<u>1 1/4" (0.1041)</u>	<u>0.063</u>
<u>2" (0.1667)</u>	<u>0.1632</u>
<u>3" (0.250)</u>	<u>0.380</u>
<u>4" (0.3333)</u>	<u>0.6528</u>
<u>4 1/2" (0.375)</u>	<u>0.826</u>
<u>6" (0.5000)</u>	<u>1.4688</u>
<u>8" (0.666)</u>	<u>2.611</u>
VOL. OF H <sub>2</sub> O IN CASING = DEPTH OF WATER COLUMN X WELL CONSTANT	
CALCULATED PURGE VOLUME [GAL]: <u>NA</u> (3 TIMES CASING VOLUME)	
ACTUAL VOLUME PURGED [GAL]: <u>NA</u>	
PURGE METHOD: <u>Vacuum Purge System</u> PURGE START: <u>NA</u> END: <u>NA</u>	

SECTION 3 - SAMPLE IDENTIFICATION AND TEST PARAMETERS			
SAMPLE ID #	DATE / TIME	SAMPLING METHOD	ANALYTICAL SCAN(S)
EW-1	8/11/09 / 11:45	Grab	Hexavalent Chromium Total Chromium

SECTION 4 - WATER QUALITY DATA							
SWL (FT)	TEMP (°C)	pH	CONDUCTIVITY (mS/cm)	TURBIDITY (NTU)	DO (mg/L)	ORP (mV)	VISUAL
NA	21.2	8.04	0.34	26.1	0.0	-50	Clear, slight petroleum type odor

**DAY ENVIRONMENTAL, INC.  
MONITORING WELL SAMPLING LOG**

**WELL EW-7**

SECTION 1 - SITE INFORMATION	
SITE LOCATION: <u>95 Mt. Read Blvd</u>	JOB #: <u>3681R-05</u>
<u>Rochester, NY</u>	DATE : <u>12-3-12</u>
SAMPLE COLLECTOR(S): <u>W. Batiste</u>	
WEATHER CONDITIONS: <u>Indoors</u>	PID IN WELL (PPM): <u>6.2</u> LNAPL <u>ND</u> DNAPL <u>ND</u>

SECTION 2 - PURGE INFORMATION	
DEPTH OF WELL [FT]: <u>16.72</u> (MEASURED FROM TOP OF CASING - T.O.C.)	
STATIC WATER LEVEL (SWL) [FT]: <u>9.72</u> (MEASURED FROM T.O.C.)	
THICKNESS OF WATER COLUMN [FT]: <u>7.0</u> (DEPTH OF WELL - SWL)	
CALCULATED VOL. OF H <sub>2</sub> O PER WELL CASING [GAL]: <u>1.14</u> CASING DIA.: <u>2"</u>	
<b>CALCULATIONS:</b>	
<u>CASING DIA. (FT)</u>	<u>WELL CONSTANT(GAL/FT)</u>
3/4" (0.0625)	0.023
1" (0.0833)	0.041
1 1/4" (0.1041)	0.063
2" (0.1667)	<u>0.1632</u>
3" (0.250)	0.380
4" (0.3333)	0.6528
4 1/2" (0.375)	0.826
6" (0.5000)	1.4688
8" (0.666)	2.611
VOL. OF H <sub>2</sub> O IN CASING = DEPTH OF WATER COLUMN X WELL CONSTANT	
CALCULATED PURGE VOLUME [GAL]: <u>3.43</u> (3 TIMES CASING VOLUME)	
ACTUAL VOLUME PURGED [GAL]: <u>3.5</u>	
PURGE METHOD: <u>Vac/Purge</u> PURGE START: <u>10:20</u> END: <u>10:46</u>	

SECTION 3 - SAMPLE IDENTIFICATION AND TEST PARAMETERS			
SAMPLE ID #	DATE / TIME	SAMPLING METHOD	ANALYTICAL SCAN(S)
EW-7	12-3-12 / 11:00	Bailer	Halo VOC 8260, Hex Cr 200.7 x SW7196A

SECTION 4 - WATER QUALITY DATA							
SWL (FT)	TEMP (°C)	pH	CONDUCTIVITY (MS/cm)	TURBIDITY (NTU)	DO (mg/L)	ORP (mV)	VISUAL
10.05	15.2	--	3.2	512	0.7	6	Slightly Cloudy, Chemical Odor

N/M = Not Measured  
N/D = Not Detected

**APPENDIX E**

**ANALYTICAL LABORATORY  
DATA REPORTS**

## Analytical Report Cover Page

Day Environmental

For Lab Project # 08-1957

Issued June 20, 2008

This report contains a total of 16 pages

The reported results relate only to the samples as they have been received by the laboratory.

Any noncompliant QC parameters having impact on the data are flagged or documented on the final report.

All soil or solid samples have been reported on a dry weight basis, unless qualified "reported as received".

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The Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt. Sample condition requirements are defined under the 2003 NELAC Standard, sections 5.5.8.3.1 and 5.5.8.3.2.

NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified.

Data qualifiers are used, when necessary, to provide additional information about the data. This information may be communicated as a flag or as text at the bottom of the report. Please refer to the following list of frequently used data flags and their meaning:

**"ND" = analyzed for but not detected.**

**"E" = Result has been estimated, calibration limit exceeded.**

**"D" = Duplicate results outside QC limits. May indicate a non-homogenous matrix.**

**"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.**

**"B" = Method blank contained trace levels of analyte. Refer to included method blank report.**

### Volatile Analysis Report for Non-potable Water

**Client:** Day Environmental Inc

**Client Job Site:** Maguire  
 95 Mt Read  
**Client Job Number:** 3681R-05  
**Field Location:** MW-1  
**Field ID Number:** N/A  
**Sample Type:** Water

**Lab Project Number:** 08-1957  
**Lab Sample Number:** 6831  
**Date Sampled:** 06/06/2008  
**Date Received:** 06/06/2008  
**Date Analyzed:** 06/18/2008

Halocarbons	Results in ug / L	Halocarbons	Results in ug / L
Bromodichloromethane	ND< 2.00	trans-1,2-Dichloroethene	ND< 2.00
Bromomethane	ND< 2.00	1,2-Dichloropropane	ND< 2.00
Bromoform	ND< 5.00	cis-1,3-Dichloropropene	ND< 2.00
Carbon Tetrachloride	ND< 2.00	trans-1,3-Dichloropropene	ND< 2.00
Chloroethane	ND< 2.00	Methylene chloride	ND< 5.00
Chloromethane	ND< 2.00	1,1,2,2-Tetrachloroethane	ND< 2.00
2-Chloroethyl vinyl Ether	ND< 10.0	Tetrachloroethene	ND< 2.00
Chloroform	ND< 2.00	1,1,1-Trichloroethane	ND< 2.00
Dibromochloromethane	ND< 2.00	1,1,2-Trichloroethane	ND< 2.00
1,1-Dichloroethane	ND< 2.00	Trichloroethene	ND< 2.00
1,2-Dichloroethane	ND< 2.00	Trichlorofluoromethane	ND< 2.00
1,1-Dichloroethene	ND< 2.00	Vinyl chloride	ND< 2.00
Chlorobenzene	ND< 2.00	1,3-Dichlorobenzene	ND< 2.00
1,2-Dichlorobenzene	ND< 2.00	1,4-Dichlorobenzene	ND< 2.00
cis-1,2-Dichloroethene	ND< 2.00		

ELAP Number 10958

Method: EPA 8260B

Data File: V57434.D

Comments: ND denotes Non Detect  
 ug / L = microgram per Liter

Signature: \_\_\_\_\_



Bruce Hoogesteger, Technical Director



## Volatile Analysis Report for Non-potable Water

Client: Day Environmental Inc

Client Job Site: Maguire  
95 Mt Read  
Client Job Number: 3681R-05  
Field Location: MW-4  
Field ID Number: N/A  
Sample Type: Water

Lab Project Number: 08-1957  
Lab Sample Number: 6832  
Date Sampled: 06/06/2008  
Date Received: 06/06/2008  
Date Analyzed: 06/18/2008

Halocarbons	Results in ug / L	Halocarbons	Results in ug / L
Bromodichloromethane	ND< 2.00	trans-1,2-Dichloroethene	ND< 2.00
Bromomethane	ND< 2.00	1,2-Dichloropropane	ND< 2.00
Bromoform	ND< 5.00	cis-1,3-Dichloropropene	ND< 2.00
Carbon Tetrachloride	ND< 2.00	trans-1,3-Dichloropropene	ND< 2.00
Chloroethane	ND< 2.00	Methylene chloride	ND< 5.00
Chloromethane	ND< 2.00	1,1,2,2-Tetrachloroethane	ND< 2.00
2-Chloroethyl vinyl Ether	ND< 10.0	Tetrachloroethene	ND< 2.00
Chloroform	ND< 2.00	1,1,1-Trichloroethane	ND< 2.00
Dibromochloromethane	ND< 2.00	1,1,2-Trichloroethane	ND< 2.00
1,1-Dichloroethane	ND< 2.00	Trichloroethene	ND< 2.00
1,2-Dichloroethane	ND< 2.00	Trichlorofluoromethane	ND< 2.00
1,1-Dichloroethene	ND< 2.00	Vinyl chloride	ND< 2.00
Chlorobenzene	ND< 2.00	1,3-Dichlorobenzene	ND< 2.00
1,2-Dichlorobenzene	ND< 2.00	1,4-Dichlorobenzene	ND< 2.00
cis-1,2-Dichloroethene	ND< 2.00		

ELAP Number 10958

Method: EPA 8260B

Data File: V57435.D

Comments: ND denotes Non Detect  
ug / L = microgram per Liter

Signature: \_\_\_\_\_

Bruce Hoogesteger: Technical Director



## Volatile Analysis Report for Non-potable Water

Client: Day Environmental Inc

Client Job Site: Maguire  
95 Mt Read  
Client Job Number: 3681R-05  
Field Location: MW-8  
Field ID Number: N/A  
Sample Type: Water

Lab Project Number: 08-1957  
Lab Sample Number: 6833  
Date Sampled: 06/06/2008  
Date Received: 06/06/2008  
Date Analyzed: 06/19/2008

Halocarbons	Results in ug / L	Halocarbons	Results in ug / L
Bromodichloromethane	ND< 200	trans-1,2-Dichloroethene	ND< 200
Bromomethane	ND< 200	1,2-Dichloropropane	ND< 200
Bromoform	ND< 500	cis-1,3-Dichloropropene	ND< 200
Carbon Tetrachloride	ND< 200	trans-1,3-Dichloropropene	ND< 200
Chloroethane	ND< 200	Methylene chloride	ND< 500
Chloromethane	ND< 200	1,1,2,2-Tetrachloroethane	ND< 200
2-Chloroethyl vinyl Ether	ND< 1,000	Tetrachloroethene	1,140
Chloroform	ND< 200	1,1,1-Trichloroethane	ND< 200
Dibromochloromethane	ND< 200	1,1,2-Trichloroethane	ND< 200
1,1-Dichloroethane	ND< 200	Trichloroethene	372
1,2-Dichloroethane	ND< 200	Trichlorofluoromethane	ND< 200
1,1-Dichloroethene	ND< 200	Vinyl chloride	ND< 200
Chlorobenzene	ND< 200	1,3-Dichlorobenzene	ND< 200
1,2-Dichlorobenzene	ND< 200	1,4-Dichlorobenzene	ND< 200
cis-1,2-Dichloroethene	ND< 200		


ELAP Number 10958

Method: EPA 8260B

Data File: V57461.D

Comments: ND denotes Non Detect  
ug / L = microgram per Liter

Signature: \_\_\_\_\_

  
Bruce Hoogesteger: Technical Director





## Volatile Analysis Report for Non-potable Water

Client: Day Environmental Inc

Client Job Site: Maguire  
95 Mt Read  
Client Job Number: 3681R-05  
Field Location: MW-11  
Field ID Number: N/A  
Sample Type: Water

Lab Project Number: 08-1957  
Lab Sample Number: 6834  
Date Sampled: 06/06/2008  
Date Received: 06/06/2008  
Date Analyzed: 06/18/2008

Halocarbons	Results in ug / L	Halocarbons	Results in ug / L
Bromodichloromethane	ND< 2.00	trans-1,2-Dichloroethene	ND< 2.00
Bromomethane	ND< 2.00	1,2-Dichloropropane	ND< 2.00
Bromoform	ND< 5.00	cis-1,3-Dichloropropene	ND< 2.00
Carbon Tetrachloride	ND< 2.00	trans-1,3-Dichloropropene	ND< 2.00
Chloroethane	ND< 2.00	Methylene chloride	ND< 5.00
Chloromethane	ND< 2.00	1,1,2,2-Tetrachloroethane	ND< 2.00
2-Chloroethyl vinyl Ether	ND< 10.0	Tetrachloroethene	ND< 2.00
Chloroform	ND< 2.00	1,1,1-Trichloroethane	ND< 2.00
Dibromochloromethane	ND< 2.00	1,1,2-Trichloroethane	ND< 2.00
1,1-Dichloroethane	5.19	Trichloroethene	6.23
1,2-Dichloroethane	ND< 2.00	Trichlorofluoromethane	ND< 2.00
1,1-Dichloroethene	7.90	Vinyl chloride	ND< 2.00
Chlorobenzene	ND< 2.00	1,3-Dichlorobenzene	ND< 2.00
1,2-Dichlorobenzene	ND< 2.00	1,4-Dichlorobenzene	ND< 2.00
cis-1,2-Dichloroethene	17.7		

ELAP Number 10958

Method: EPA 8260B

Data File: V57437.D

Comments: ND denotes Non Detect  
ug / L = microgram per Liter  
Surrogate outliers indicate probable matrix interference

Signature: \_\_\_\_\_

Bruce Hoogesteger: Technical Director



## Volatile Analysis Report for Non-potable Water

Client: Day Environmental Inc

Client Job Site: Maguire  
95 Mt Read  
Client Job Number: 3681R-05  
Field Location: MW-13  
Field ID Number: N/A  
Sample Type: Water

Lab Project Number: 08-1957  
Lab Sample Number: 6835  
Date Sampled: 06/06/2008  
Date Received: 06/06/2008  
Date Analyzed: 06/18/2008

Halocarbons	Results in ug / L	Halocarbons	Results in ug / L
Bromodichloromethane	ND< 2.00	trans-1,2-Dichloroethene	6.99
Bromomethane	ND< 2.00	1,2-Dichloropropane	ND< 2.00
Bromoform	ND< 5.00	cis-1,3-Dichloropropene	ND< 2.00
Carbon Tetrachloride	ND< 2.00	trans-1,3-Dichloropropene	ND< 2.00
Chloroethane	ND< 2.00	Methylene chloride	ND< 5.00
Chloromethane	ND< 2.00	1,1,2,2-Tetrachloroethane	ND< 2.00
2-Chloroethyl vinyl Ether	ND< 10.0	Tetrachloroethene	ND< 2.00
Chloroform	ND< 2.00	1,1,1-Trichloroethane	ND< 2.00
Dibromochloromethane	ND< 2.00	1,1,2-Trichloroethane	ND< 2.00
1,1-Dichloroethane	ND< 2.00	Trichloroethene	14.9
1,2-Dichloroethane	ND< 2.00	Trichlorofluoromethane	ND< 2.00
1,1-Dichloroethene	ND< 2.00	Vinyl chloride	ND< 2.00
Chlorobenzene	ND< 2.00	1,3-Dichlorobenzene	ND< 2.00
1,2-Dichlorobenzene	ND< 2.00	1,4-Dichlorobenzene	ND< 2.00
cis-1,2-Dichloroethene	131		

ELAP Number 10958

Method: EPA 8260B

Data File: V57438.D

Comments: ND denotes Non Detect  
ug / L = microgram per Liter

Signature: \_\_\_\_\_

Bruce Hoogesteger: Technical Director



## Volatile Analysis Report for Non-potable Water

Client: Day Environmental Inc

Client Job Site: Maguire  
95 Mt Read  
Client Job Number: 3681R-05  
Field Location: MW-14  
Field ID Number: N/A  
Sample Type: Water

Lab Project Number: 08-1957  
Lab Sample Number: 6836  
Date Sampled: 06/06/2008  
Date Received: 06/06/2008  
Date Analyzed: 06/18/2008

Halocarbons	Results in ug / L	Halocarbons	Results in ug / L
Bromodichloromethane	ND< 2.00	trans-1,2-Dichloroethene	ND< 2.00
Bromomethane	ND< 2.00	1,2-Dichloropropane	ND< 2.00
Bromoform	ND< 5.00	cis-1,3-Dichloropropene	ND< 2.00
Carbon Tetrachloride	ND< 2.00	trans-1,3-Dichloropropene	ND< 2.00
Chloroethane	ND< 2.00	Methylene chloride	ND< 5.00
Chloromethane	ND< 2.00	1,1,2,2-Tetrachloroethane	ND< 2.00
2-Chloroethyl vinyl Ether	ND< 10.0	Tetrachloroethene	ND< 2.00
Chloroform	ND< 2.00	1,1,1-Trichloroethane	ND< 2.00
Dibromochloromethane	ND< 2.00	1,1,2-Trichloroethane	ND< 2.00
1,1-Dichloroethane	ND< 2.00	Trichloroethene	ND< 2.00
1,2-Dichloroethane	ND< 2.00	Trichlorofluoromethane	ND< 2.00
1,1-Dichloroethene	ND< 2.00	Vinyl chloride	17.7
Chlorobenzene	ND< 2.00	1,3-Dichlorobenzene	ND< 2.00
1,2-Dichlorobenzene	ND< 2.00	1,4-Dichlorobenzene	ND< 2.00
cis-1,2-Dichloroethene	21.4		

ELAP Number 10958

Method: EPA 8260B

Data File: V57439.D

Comments: ND denotes Non Detect  
ug / L = microgram per Liter  
Surrogate outliers indicate probable matrix interference

Signature: \_\_\_\_\_

Bruce Hoogesteger: Technical Director



## Volatile Analysis Report for Non-potable Water

Client: Day Environmental Inc

Client Job Site: Maguire  
95 Mt Read  
Client Job Number: 3681R-05  
Field Location: MW-15  
Field ID Number: N/A  
Sample Type: Water

Lab Project Number: 08-1957  
Lab Sample Number: 6837  
Date Sampled: 06/06/2008  
Date Received: 06/06/2008  
Date Analyzed: 06/18/2008

Halocarbons	Results in ug / L	Halocarbons	Results in ug / L
Bromodichloromethane	ND< 2.00	trans-1,2-Dichloroethene	ND< 2.00
Bromomethane	ND< 2.00	1,2-Dichloropropane	ND< 2.00
Bromoform	ND< 5.00	cis-1,3-Dichloropropene	ND< 2.00
Carbon Tetrachloride	ND< 2.00	trans-1,3-Dichloropropene	ND< 2.00
Chloroethane	ND< 2.00	Methylene chloride	ND< 5.00
Chloromethane	ND< 2.00	1,1,2,2-Tetrachloroethane	ND< 2.00
2-Chloroethyl vinyl Ether	ND< 10.0	Tetrachloroethene	ND< 2.00
Chloroform	ND< 2.00	1,1,1-Trichloroethane	ND< 2.00
Dibromochloromethane	ND< 2.00	1,1,2-Trichloroethane	ND< 2.00
1,1-Dichloroethane	ND< 2.00	Trichloroethene	ND< 2.00
1,2-Dichloroethane	ND< 2.00	Trichlorofluoromethane	ND< 2.00
1,1-Dichloroethene	ND< 2.00	Vinyl chloride	ND< 2.00
Chlorobenzene	ND< 2.00	1,3-Dichlorobenzene	ND< 2.00
1,2-Dichlorobenzene	ND< 2.00	1,4-Dichlorobenzene	ND< 2.00
cis-1,2-Dichloroethene	ND< 2.00		


ELAP Number 10958

Method: EPA 8260B

Data File: V57440.D

Comments: ND denotes Non Detect  
ug / L = microgram per Liter

Signature: \_\_\_\_\_

  
Bruce Hoogesteger: Technical Director



## Volatile Analysis Report for Non-potable Water

Client: Day Environmental Inc

Client Job Site: Maguire  
95 Mt Read  
Client Job Number: 3681R-05  
Field Location: MW-21  
Field ID Number: N/A  
Sample Type: Water

Lab Project Number: 08-1957  
Lab Sample Number: 6838  
Date Sampled: 06/06/2008  
Date Received: 06/06/2008  
Date Analyzed: 06/18/2008

Halocarbons	Results in ug / L	Halocarbons	Results in ug / L
Bromodichloromethane	ND< 2.00	trans-1,2-Dichloroethene	ND< 2.00
Bromomethane	ND< 2.00	1,2-Dichloropropane	ND< 2.00
Bromoform	ND< 5.00	cis-1,3-Dichloropropene	ND< 2.00
Carbon Tetrachloride	ND< 2.00	trans-1,3-Dichloropropene	ND< 2.00
Chloroethane	ND< 2.00	Methylene chloride	ND< 5.00
Chloromethane	ND< 2.00	1,1,2,2-Tetrachloroethane	ND< 2.00
2-Chloroethyl vinyl Ether	ND< 10.0	Tetrachloroethene	ND< 2.00
Chloroform	ND< 2.00	1,1,1-Trichloroethane	ND< 2.00
Dibromochloromethane	ND< 2.00	1,1,2-Trichloroethane	ND< 2.00
1,1-Dichloroethane	ND< 2.00	Trichloroethene	ND< 2.00
1,2-Dichloroethane	ND< 2.00	Trichlorofluoromethane	ND< 2.00
1,1-Dichloroethene	ND< 2.00	Vinyl chloride	ND< 2.00
Chlorobenzene	ND< 2.00	1,3-Dichlorobenzene	ND< 2.00
1,2-Dichlorobenzene	ND< 2.00	1,4-Dichlorobenzene	ND< 2.00
cis-1,2-Dichloroethene	ND< 2.00		


ELAP Number 10958

Method: EPA 8260B

Data File: V57441.D

Comments: ND denotes Non Detect  
ug / L = microgram per Liter

Signature: \_\_\_\_\_

  
Bruce Hoogesteger: Technical Director



## Volatile Analysis Report for Non-potable Water

Client: Day Environmental Inc

Client Job Site: Maguire  
95 Mt Read  
Client Job Number: 3681R-05  
Field Location: MW-30  
Field ID Number: N/A  
Sample Type: Water

Lab Project Number: 08-1957  
Lab Sample Number: 6839  
Date Sampled: 06/06/2008  
Date Received: 06/06/2008  
Date Analyzed: 06/19/2008

Halocarbons	Results in ug / L	Halocarbons	Results in ug / L
Bromodichloromethane	ND< 10,000	trans-1,2-Dichloroethene	ND< 10,000
Bromomethane	ND< 10,000	1,2-Dichloropropane	ND< 10,000
Bromoform	ND< 25,000	cis-1,3-Dichloropropene	ND< 10,000
Carbon Tetrachloride	ND< 10,000	trans-1,3-Dichloropropene	ND< 10,000
Chloroethane	ND< 10,000	Methylene chloride	ND< 25,000
Chloromethane	ND< 10,000	1,1,2,2-Tetrachloroethane	ND< 10,000
2-Chloroethyl vinyl Ether	ND< 50,000	Tetrachloroethene	34,100
Chloroform	ND< 10,000	1,1,1-Trichloroethane	ND< 10,000
Dibromochloromethane	ND< 10,000	1,1,2-Trichloroethane	ND< 10,000
1,1-Dichloroethane	ND< 10,000	Trichloroethene	ND< 10,000
1,2-Dichloroethane	ND< 10,000	Trichlorofluoromethane	ND< 10,000
1,1-Dichloroethene	ND< 10,000	Vinyl chloride	ND< 10,000
Chlorobenzene	ND< 10,000	1,3-Dichlorobenzene	ND< 10,000
1,2-Dichlorobenzene	ND< 10,000	1,4-Dichlorobenzene	ND< 10,000
cis-1,2-Dichloroethene	ND< 10,000		

ELAP Number 10958

Method: EPA 8260B

Data File: V57462.D

Comments: ND denotes Non Detect  
ug / L = microgram per Liter

Signature: \_\_\_\_\_

Bruce Hoogesteger: Technical Director



## Volatile Analysis Report for Non-potable Water

Client: Day Environmental Inc

Client Job Site: Maguire  
95 Mt Read  
Client Job Number: 3681R-05  
Field Location: MW-31  
Field ID Number: N/A  
Sample Type: Water

Lab Project Number: 08-1957  
Lab Sample Number: 6840  
Date Sampled: 06/06/2008  
Date Received: 06/06/2008  
Date Analyzed: 06/19/2008

Halocarbons	Results in ug / L	Halocarbons	Results in ug / L
Bromodichloromethane	ND< 10.0	trans-1,2-Dichloroethene	ND< 10.0
Bromomethane	ND< 10.0	1,2-Dichloropropane	ND< 10.0
Bromoform	ND< 25.0	cis-1,3-Dichloropropene	ND< 10.0
Carbon Tetrachloride	ND< 10.0	trans-1,3-Dichloropropene	ND< 10.0
Chloroethane	ND< 10.0	Methylene chloride	ND< 25.0
Chloromethane	ND< 10.0	1,1,2,2-Tetrachloroethane	ND< 10.0
2-Chloroethyl vinyl Ether	ND< 50.0	Tetrachloroethene	289
Chloroform	ND< 10.0	1,1,1-Trichloroethane	ND< 10.0
Dibromochloromethane	ND< 10.0	1,1,2-Trichloroethane	ND< 10.0
1,1-Dichloroethane	ND< 10.0	Trichloroethene	113
1,2-Dichloroethane	ND< 10.0	Trichlorofluoromethane	ND< 10.0
1,1-Dichloroethene	ND< 10.0	Vinyl chloride	ND< 10.0
Chlorobenzene	ND< 10.0	1,3-Dichlorobenzene	ND< 10.0
1,2-Dichlorobenzene	ND< 10.0	1,4-Dichlorobenzene	ND< 10.0
cis-1,2-Dichloroethene	ND< 10.0		

ELAP Number 10958

Method: EPA 8260B

Data File: V57463.D

Comments: ND denotes Non Detect  
ug / L = microgram per Liter

Signature: \_\_\_\_\_

Bruce Hoogesteger: Technical Director

### Volatile Analysis Report for Non-potable Water

**Client:** Day Environmental Inc

**Client Job Site:** Maguire  
 95 Mt Read  
**Client Job Number:** 3681R-05  
**Field Location:** MW-32  
**Field ID Number:** N/A  
**Sample Type:** Water

**Lab Project Number:** 08-1957  
**Lab Sample Number:** 6841  
**Date Sampled:** 06/06/2008  
**Date Received:** 06/06/2008  
**Date Analyzed:** 06/19/2008

Halocarbons	Results in ug / L	Halocarbons	Results in ug / L
Bromodichloromethane	ND< 2.00	trans-1,2-Dichloroethene	ND< 2.00
Bromomethane	ND< 2.00	1,2-Dichloropropane	ND< 2.00
Bromoform	ND< 5.00	cis-1,3-Dichloropropene	ND< 2.00
Carbon Tetrachloride	ND< 2.00	trans-1,3-Dichloropropene	ND< 2.00
Chloroethane	ND< 2.00	Methylene chloride	ND< 5.00
Chloromethane	ND< 2.00	1,1,2,2-Tetrachloroethane	ND< 2.00
2-Chloroethyl vinyl Ether	ND< 10.0	Tetrachloroethene	ND< 2.00
Chloroform	ND< 2.00	1,1,1-Trichloroethane	ND< 2.00
Dibromochloromethane	ND< 2.00	1,1,2-Trichloroethane	ND< 2.00
1,1-Dichloroethane	ND< 2.00	Trichloroethene	ND< 2.00
1,2-Dichloroethane	ND< 2.00	Trichlorofluoromethane	ND< 2.00
1,1-Dichloroethene	ND< 2.00	Vinyl chloride	ND< 2.00
Chlorobenzene	ND< 2.00	1,3-Dichlorobenzene	ND< 2.00
1,2-Dichlorobenzene	ND< 2.00	1,4-Dichlorobenzene	ND< 2.00
cis-1,2-Dichloroethene	ND< 2.00		


ELAP Number 10958

Method: EPA 8260B

Data File: V57458.D

Comments: ND denotes Non Detect  
 ug / L = microgram per Liter

Signature:

  
 Bruce Hoogesteger: Technical Director



### Volatile Analysis Report for Non-potable Water

**Client:** Day Environmental Inc

**Client Job Site:** Maguire  
 95 Mt Read  
**Client Job Number:** 3681R-05  
**Field Location:** MW-33  
**Field ID Number:** N/A  
**Sample Type:** Water

**Lab Project Number:** 08-1957  
**Lab Sample Number:** 6842  
**Date Sampled:** 06/06/2008  
**Date Received:** 06/06/2008  
**Date Analyzed:** 06/19/2008

Halocarbons	Results in ug / L	Halocarbons	Results in ug / L
Bromodichloromethane	ND< 200	trans-1,2-Dichloroethene	ND< 200
Bromomethane	ND< 200	1,2-Dichloropropane	ND< 200
Bromoform	ND< 500	cis-1,3-Dichloropropene	ND< 200
Carbon Tetrachloride	ND< 200	trans-1,3-Dichloropropene	ND< 200
Chloroethane	ND< 200	Methylene chloride	ND< 500
Chloromethane	ND< 200	1,1,2,2-Tetrachloroethane	ND< 200
2-Chloroethyl vinyl Ether	ND< 1,000	Tetrachloroethene	2,950
Chloroform	ND< 200	1,1,1-Trichloroethane	ND< 200
Dibromochloromethane	ND< 200	1,1,2-Trichloroethane	ND< 200
1,1-Dichloroethane	ND< 200	Trichloroethene	954
1,2-Dichloroethane	ND< 200	Trichlorofluoromethane	ND< 200
1,1-Dichloroethene	ND< 200	Vinyl chloride	ND< 200
Chlorobenzene	ND< 200	1,3-Dichlorobenzene	ND< 200
1,2-Dichlorobenzene	ND< 200	1,4-Dichlorobenzene	ND< 200
cis-1,2-Dichloroethene	1,970		

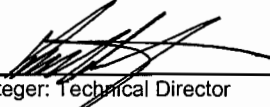
ELAP Number 10958

Method: EPA 8260B

Data File: V57464.D

Comments: ND denotes Non Detect  
 ug / L = microgram per Liter

Signature:

  
 Bruce Hoogesteger: Technical Director



## Volatile Analysis Report for Non-potable Water

Client: Day Environmental Inc

Client Job Site: Maguire  
95 Mt Read  
Client Job Number: 3681R-05  
Field Location: MW-34  
Field ID Number: N/A  
Sample Type: Water

Lab Project Number: 08-1957  
Lab Sample Number: 6843  
Date Sampled: 06/06/2008  
Date Received: 06/06/2008  
Date Analyzed: 06/19/2008

Halocarbons	Results in ug / L	Halocarbons	Results in ug / L
Bromodichloromethane	ND< 100	trans-1,2-Dichloroethene	149
Bromomethane	ND< 100	1,2-Dichloropropane	ND< 100
Bromoform	ND< 250	cis-1,3-Dichloropropene	ND< 100
Carbon Tetrachloride	ND< 100	trans-1,3-Dichloropropene	ND< 100
Chloroethane	ND< 100	Methylene chloride	ND< 250
Chloromethane	ND< 100	1,1,2,2-Tetrachloroethane	ND< 100
2-Chloroethyl vinyl Ether	ND< 500	Tetrachloroethene	328
Chloroform	ND< 100	1,1,1-Trichloroethane	ND< 100
Dibromochloromethane	ND< 100	1,1,2-Trichloroethane	ND< 100
1,1-Dichloroethane	ND< 100	Trichloroethene	460
1,2-Dichloroethane	ND< 100	Trichlorofluoromethane	ND< 100
1,1-Dichloroethene	ND< 100	Vinyl chloride	563
Chlorobenzene	ND< 100	1,3-Dichlorobenzene	ND< 100
1,2-Dichlorobenzene	ND< 100	1,4-Dichlorobenzene	ND< 100
cis-1,2-Dichloroethene	1,680		

ELAP Number 10958

Method: EPA 8260B

Data File: V57465.D

Comments: ND denotes Non Detect  
ug / L = microgram per Liter

Signature: \_\_\_\_\_

Bruce Hoogesteger: Technical Director

# PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue  
Rochester, NY 14608  
(585) 647-2530 • (800) 724-1997  
FAX: (585) 647-3311

## CHAIN OF CUSTODY

REPORT TO:				INVOICE TO:			
COMPANY: DAY Environmental Inc.	ADDRESS: 40 Commercial St.			COMPANY:	ADDRESS: Same		
CITY: Rochester	STATE: NY	ZIP: 14614	PHONE: 585-454-0210	CITY: Same	STATE:	ZIP:	PHONE: FAX:
ATTN: Nate Simon				ATTN:			
COMMENTS: Please email results to N. Simon				QUOTE #: quote			
LAB PROJECT #: 08-1957				CLIENT PROJECT #: 3681R-05			
TURNAROUND TIME: (WORKING DAYS)				<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 5 <input checked="" type="checkbox"/> 10 day			

PROJECT NAME/SITE NAME:  
Maguire  
95 Mt. Read

### REQUESTED ANALYSIS

DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	CONTAINERS	REMARKS	PARADIGM LAB SAMPLE NUMBER
16-6-08			X	MW-1	Air	2		6831
2			X	MW-4				6832
3			X	MW-8				6833
4			X	MW-11				6834
5			X	MW-13				6835
6			X	MW-14				6836
7			X	MW-15				6837
8			X	MW-21				6838
9			X	MW-30				6839
10			X	MW-31				6840

\*\*LAB USE ONLY BELOW THIS LINE\*\*

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance	
Container Type:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments:		
Preservation:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments:		
Holding Time:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments:		
Temperature: 5°Ciced	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments:		

Sampled By: *[Signature]* 6-6-08/13:00  
 Relinquished By: *[Signature]* 6-6-08/14:20  
 Received By: *[Signature]* 6/6/08 1420  
 Received @ Lab By: Elizabeth A. Honch 6/6/08 1600

Total Cost:

P.I.F.

# PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue  
Rochester, NY 14608  
(585) 647-2530 • (800) 724-1997  
FAX: (585) 647-3311

## CHAIN OF CUSTODY

REPORT TO:		INVOICE TO:			
COMPANY: <u>DAP Environmental Inc.</u>	COMPANY:	LAB PROJECT #: <u>08-1957</u>	CLIENT PROJECT #: <u>3681R-05</u>		
ADDRESS: <u>40 Commercial St.</u>	ADDRESS:	TURNAROUND TIME: (WORKING DAYS)			
CITY: <u>Rochester</u> STATE: <u>NY</u> ZIP: <u>14614</u>	CITY: <u>Some</u> STATE: ZIP:	STD <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 5 OTHER <input checked="" type="checkbox"/> 10 days			
PHONE: <u>585-454-0210</u> FAX: <u>585-454-0825</u>	PHONE: FAX:	QUOTE #: <u>quote</u>			
ATTN: <u>N. Simon</u>	ATTN:	PROJECT NAME/SITE NAME: <u>Maguire 95 Mt. Read</u>			
COMMENTS: <u>Please email results to N. Simon</u>					

REQUESTED ANALYSIS									
DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	CONTAMINERS	ANALYZED	REMARKS	PARADIGM LAB SAMPLE NUMBER
1 6-6-08			X	MW-32	Aa	X	X		6841
2 ↓			X	MW-33	↓	X	X		6842
3 ↓			X	MW-34	↓	X	X		6843
4								CREAT 6/6	6844
5									
6									
7									
8									
9									
10									

**\*\*LAB USE ONLY BELOW THIS LINE\*\***  
Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance	
Container Type:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments:		
Preservation:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments:		
Holding Time:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments:		
Temperature:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments: <u>5°Ciced</u>		

Sampled By MWD 6-6-08/13:00  
 Date/Time  
 Relinquished By MWD 6-6-08/14:20  
 Date/Time  
 Received By Elizabeth A. Honch 6/6/08 14:20  
 Date/Time  
 Received @ Lab By \_\_\_\_\_ Date/Time

Total Cost:

P.I.F.

## Analytical Report Cover Page

Day Environmental

For Lab Project # 08-2551

Issued July 28, 2008

This report contains a total of 3 pages

The reported results relate only to the samples as they have been received by the laboratory.

Any noncompliant QC parameters having impact on the data are flagged or documented on the final report.

All soil or solid samples have been reported on a dry weight basis, unless qualified "reported as received".

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The Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt. Sample condition requirements are defined under the 2003 NELAC Standard, sections 5.5.8.3.1 and 5.5.8.3.2.

NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified.

Data qualifiers are used, when necessary, to provide additional information about the data. This information may be communicated as a flag or as text at the bottom of the report. Please refer to the following list of frequently used data flags and their meaning:

**"ND" = analyzed for but not detected.**

**"E" = Result has been estimated, calibration limit exceeded.**

**"D" = Duplicate results outside QC limits. May indicate a non-homogenous matrix.**

**"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.**

**"B" = Method blank contained trace levels of analyte. Refer to included method blank report.**



179 Lake Avenue, Rochester, NY 14608 (585) 647-2530 FAX (585) 647-3311

**Client:** Day Environmental

**Lab Project No.:** 08-2551

**Client Job Site:** 95 Mt. Read Maguire

**Sample Type:** Water  
**Method:** EPA 200.7

**Client Job No.:** 3681R-05

**Date(s) Sampled:** 07/22/2008  
**Date Received:** 07/22/2008  
**Date Analyzed:** 07/25/2008

**Laboratory Report for Metals Analysis in Water**

Lab Sample No.	Field ID No.	Field Location	Chromium Results (mg/L)
8607	N/A	MM-IN	0.094
8608	N/A	MM1-OUT	<0.010
8609	N/A	MM2-OUT	<0.010

ELAP ID No.: 10958

Comments:

Approved By:   
Bruce Hoogesteger, Technical Director

# PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue  
Rochester, NY 14608  
(585) 647-2530 • (800) 724-1997  
FAX: (585) 647-3311

## CHAIN OF CUSTODY

REPORT TO:				INVOICE TO:			
COMPANY: DAY Environmental		ADDRESS: 40 Commercial St.		CITY: Rochester		STATE: NY	
PHONE: 585-454-0210		FAX: 585-454-0825		CITY: Same		STATE: ZIP:	
ATTN: B. Kline		COMMENTS: Please email results to B.Kline@DAY		LAB PROJECT #: 08-2551		CLIENT PROJECT #: 3681R-05	
PROJECT NAME/SITE NAME: 95 Mt. Read Maguire				TURNAROUND TIME: (WORKING DAYS)			
				<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input checked="" type="checkbox"/> STD <input type="checkbox"/> OTHER			
				QUOTE #:			

REQUESTED ANALYSIS									
DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	CONUTAMINERS	Total Chrome	REMARKS	PARADIGM LAB SAMPLE NUMBER
17-22-08	10:00		X	MM-1N	A2	1	X		8607
27-22-08	10:00		X	MM1-OUT	A2	1	X		8608
37-22-08	10:00		X	MM2-OUT	A2	1	X		8609
4									
5									
6									
7									
8									
9									
10									

**\*\*LAB USE ONLY BELOW THIS LINE\*\***  
Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance	
Container Type:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments: _____		
Preservation:	Y <input type="checkbox"/>	N <input checked="" type="checkbox"/>
Comments: HNO3 added at lab		
Holding Time:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments: _____		
Temperature:	Y <input type="checkbox"/>	N <input checked="" type="checkbox"/>
Comments: 25°C		

Sampled By: <u>Bart Kline</u>	Date/Time: <u>7-22-08/10:00</u>	Total Cost: <input type="text"/>
Relinquished By: <u>[Signature]</u>	Date/Time: <u>7-22-08/14:15</u>	
Received By: <u>[Signature]</u>	Date/Time: <u>7/22/08 1415</u>	P.I.F. <input type="text"/>
Received @ Lab By: <u>Elizabeth A. Homch</u>	Date/Time: <u>7/22/08 1610</u>	

## Analytical Report Cover Page

### Day Environmental

For Lab Project # 08-2612

Issued August 1, 2008

This report contains a total of 7 pages

The reported results relate only to the samples as they have been received by the laboratory.

Any noncompliant QC parameters having impact on the data are flagged or documented on the final report.

All soil or solid samples have been reported on a dry weight basis, unless qualified "reported as received".

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The Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt. Sample condition requirements are defined under the 2003 NELAC Standard, sections 5.5.8.3.1 and 5.5.8.3.2.

NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified.

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**"E" = Result has been estimated, calibration limit exceeded.**

**"D" = Duplicate results outside QC limits. May indicate a non-homogenous matrix.**

**"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.**

**"B" = Method blank contained trace levels of analyte. Refer to included method blank report.**



Client: Day Environmental

Lab Project No.: 08-2612

Client Job Site: 95 Mt Read

 Sample Type: Water  
 Method: EPA 200.7

Client Job No.: 3681R-05

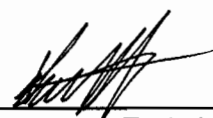
 Date(s) Sampled: 07/25/2008  
 Date Received: 07/25/2008  
 Date Analyzed: 07/29/2008

**Laboratory Report for Metals Analysis in Water**

Lab Sample No.	Field ID No.	Field Location	Chromium Results (mg/L)
8770	N/A	MM-1 #1 Eff	<0.010
8771	N/A	Sys Eff	<0.010
8772	N/A	MM-1 #2 Eff	<0.010
8773	N/A	MM-Inf	<0.010

ELAP ID No.: 10958

Comments:

 Approved By:   
 Bruce Hoogesteger, Technical Director

**Volatile Analysis Report for Non-potable Water**

Client: Day Environmental

Client Job Site: 95 Mt Read

Lab Project Number: 08-2612

Client Job Number: 3681R-05

Lab Sample Number: 8771

Field Location: Sys Eff

Date Sampled: 07/25/2008

Field ID Number: N/A

Date Received: 07/25/2008

Sample Type: Water

Date Analyzed: 07/30/2008

Halocarbons	Results in ug / L	Halocarbons	Results in ug / L
Bromodichloromethane	ND< 2.00	trans-1,2-Dichloroethene	ND< 2.00
Bromomethane	ND< 2.00	1,2-Dichloropropane	ND< 2.00
Bromoform	ND< 5.00	cis-1,3-Dichloropropene	ND< 2.00
Carbon Tetrachloride	ND< 2.00	trans-1,3-Dichloropropene	ND< 2.00
Chloroethane	ND< 2.00	Methylene chloride	ND< 5.00
Chloromethane	ND< 2.00	1,1,2,2-Tetrachloroethane	ND< 2.00
2-Chloroethyl vinyl Ether	ND< 10.0	Tetrachloroethene	ND< 2.00
Chloroform	ND< 2.00	1,1,1-Trichloroethane	ND< 2.00
Dibromochloromethane	ND< 2.00	1,1,2-Trichloroethane	ND< 2.00
1,1-Dichloroethane	ND< 2.00	Trichloroethene	ND< 2.00
1,2-Dichloroethane	ND< 2.00	Trichlorofluoromethane	ND< 2.00
1,1-Dichloroethene	ND< 2.00	Vinyl chloride	ND< 2.00
Chlorobenzene	ND< 2.00	1,3-Dichlorobenzene	ND< 2.00
1,2-Dichlorobenzene	ND< 2.00	1,4-Dichlorobenzene	ND< 2.00
cis-1,2-Dichloroethene	ND< 2.00		


ELAP Number 10958

Method: EPA 8260B

Data File: V58499.D

Comments: ND denotes Non Detect  
ug / L = microgram per Liter

Signature: \_\_\_\_\_

  
Bruce Hoogesteger: Technical Director

### Volatile Analysis Report for Non-potable Water

Client: Day Environmental

Client Job Site: 95 Mt Read	Lab Project Number: 08-2612
Client Job Number: 3681R-05	Lab Sample Number: 8774
Field Location: Train Inf	Date Sampled: 07/25/2008
Field ID Number: N/A	Date Received: 07/25/2008
Sample Type: Water	Date Analyzed: 07/30/2008

Halocarbons	Results in ug / L	Halocarbons	Results in ug / L
Bromodichloromethane	ND< 200	trans-1,2-Dichloroethene	ND< 200
Bromomethane	ND< 200	1,2-Dichloropropane	ND< 200
Bromoform	ND< 500	cis-1,3-Dichloropropene	ND< 200
Carbon Tetrachloride	ND< 200	trans-1,3-Dichloropropene	ND< 200
Chloroethane	ND< 200	Methylene chloride	ND< 500
Chloromethane	ND< 200	1,1,2,2-Tetrachloroethane	ND< 200
2-Chloroethyl vinyl Ether	ND< 1,000	Tetrachloroethene	3,600
Chloroform	ND< 200	1,1,1-Trichloroethane	ND< 200
Dibromochloromethane	ND< 200	1,1,2-Trichloroethane	ND< 200
1,1-Dichloroethane	ND< 200	Trichloroethene	1,680
1,2-Dichloroethane	ND< 200	Trichlorofluoromethane	ND< 200
1,1-Dichloroethene	ND< 200	Vinyl chloride	ND< 200
Chlorobenzene	ND< 200	1,3-Dichlorobenzene	ND< 200
1,2-Dichlorobenzene	ND< 200	1,4-Dichlorobenzene	ND< 200
cis-1,2-Dichloroethene	444		

ELAP Number 10958

Method: EPA 8260B

Data File: V58500.D

Comments: ND denotes Non Detect  
 ug / L = microgram per Liter

Signature:


  
 Bruce Hoogesteger, Technical Director

### Volatile Analysis Report for Non-potable Water

 Client: Day Environmental

Client Job Site: 95 Mt Read	Lab Project Number: 08-2612
Client Job Number: 3681R-05	Lab Sample Number: 8775
Field Location: T-1 D-1 Eff	Date Sampled: 07/25/2008
Field ID Number: N/A	Date Received: 07/25/2008
Sample Type: Water	Date Analyzed: 07/30/2008

Halocarbons	Results in ug / L	Halocarbons	Results in ug / L
Bromodichloromethane	ND< 2.00	trans-1,2-Dichloroethene	ND< 2.00
Bromomethane	ND< 2.00	1,2-Dichloropropane	ND< 2.00
Bromoform	ND< 5.00	cis-1,3-Dichloropropene	ND< 2.00
Carbon Tetrachloride	ND< 2.00	trans-1,3-Dichloropropene	ND< 2.00
Chloroethane	ND< 2.00	Methylene chloride	ND< 5.00
Chloromethane	ND< 2.00	1,1,2,2-Tetrachloroethane	ND< 2.00
2-Chloroethyl vinyl Ether	ND< 10.0	Tetrachloroethene	ND< 2.00
Chloroform	ND< 2.00	1,1,1-Trichloroethane	ND< 2.00
Dibromochloromethane	ND< 2.00	1,1,2-Trichloroethane	ND< 2.00
1,1-Dichloroethane	ND< 2.00	Trichloroethene	ND< 2.00
1,2-Dichloroethane	ND< 2.00	Trichlorofluoromethane	ND< 2.00
1,1-Dichloroethene	ND< 2.00	Vinyl chloride	ND< 2.00
Chlorobenzene	ND< 2.00	1,3-Dichlorobenzene	ND< 2.00
1,2-Dichlorobenzene	ND< 2.00	1,4-Dichlorobenzene	ND< 2.00
cis-1,2-Dichloroethene	ND< 2.00		

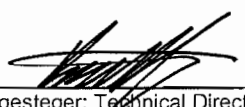
ELAP Number 10958

Method: EPA 8260B

Data File: V58501.D

Comments: ND denotes Non Detect  
 ug / L = microgram per Liter

Signature:


  
 Bruce Hoogesteger: Technical Director

### Volatile Analysis Report for Non-potable Water

 Client: Day Environmental

Client Job Site: 95 Mt Read	Lab Project Number: 08-2612
Client Job Number: 3681R-05	Lab Sample Number: 8776
Field Location: T-2 D-1 Eff	Date Sampled: 07/25/2008
Field ID Number: N/A	Date Received: 07/25/2008
Sample Type: Water	Date Analyzed: 07/30/2008

Halocarbons	Results in ug / L	Halocarbons	Results in ug / L
Bromodichloromethane	ND< 2.00	trans-1,2-Dichloroethene	ND< 2.00
Bromomethane	ND< 2.00	1,2-Dichloropropane	ND< 2.00
Bromoform	ND< 5.00	cis-1,3-Dichloropropene	ND< 2.00
Carbon Tetrachloride	ND< 2.00	trans-1,3-Dichloropropene	ND< 2.00
Chloroethane	ND< 2.00	Methylene chloride	ND< 5.00
Chloromethane	ND< 2.00	1,1,2,2-Tetrachloroethane	ND< 2.00
2-Chloroethyl vinyl Ether	ND< 10.0	Tetrachloroethene	ND< 2.00
Chloroform	ND< 2.00	1,1,1-Trichloroethane	ND< 2.00
Dibromochloromethane	ND< 2.00	1,1,2-Trichloroethane	ND< 2.00
1,1-Dichloroethane	ND< 2.00	Trichloroethene	ND< 2.00
1,2-Dichloroethane	ND< 2.00	Trichlorofluoromethane	ND< 2.00
1,1-Dichloroethene	ND< 2.00	Vinyl chloride	ND< 2.00
Chlorobenzene	ND< 2.00	1,3-Dichlorobenzene	ND< 2.00
1,2-Dichlorobenzene	ND< 2.00	1,4-Dichlorobenzene	ND< 2.00
cis-1,2-Dichloroethene	ND< 2.00		

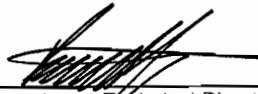
ELAP Number 10958

Method: EPA 8260B

Data File: V58502.D

Comments: ND denotes Non Detect  
 ug / L = microgram per Liter

Signature:


  
 Bruce Hoogesteger, Technical Director

# PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue  
Rochester, NY 14608  
(585) 647-2530 • (800) 724-1997  
FAX: (585) 647-3311

## CHAIN OF CUSTODY

REPORT TO:

INVOICE TO:

COMPANY: <b>Day Environmental</b>	COMPANY:	LAB PROJECT #: <b>08-2612</b>	CLIENT PROJECT #: <b>3681R-05</b>
ADDRESS: <b>40 Commercial St</b>	ADDRESS:	TURNAROUND TIME: (WORKING DAYS)	
CITY: <b>Rochester</b> STATE: <b>NY</b> ZIP: <b>14614</b>	CITY: <b>SAME</b> STATE: ZIP:	1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>	
PHONE: <b>454-0210</b> FAX: <b>454-0825</b>	PHONE: FAX:	QUOTE #:	
ATTN: <b>Nate Simon / Bart Kline</b>	ATTN:	PROJECT NAME/SITE NAME: <b>95 Mt Read</b>	
COMMENTS: <b>E-mail Results</b>			

### REQUESTED ANALYSIS

DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	CONTAINERS	Total [cc]	PHO VOLS + CIS	REMARKS	PARADIGM LAB SAMPLE NUMBER
7/25/08	8:35		X	MM-1 #1 EFF	Water	1	X			8770
	8:45			SYS EFF		2	X	X		8771
	8:37			MM-1 #2 EFF		1	X			8772
	8:23			MM-INF		1	X			8773
	8:51			Train INF		1	X			8774
	8:50			T-1 D-1 EFF		1	X			8775
	8:50			T-2 D-1 EFF		1	X			8776

← CIS 1, 2 DCE per N.S. 7/28 EAH 7/28

\*\*LAB USE ONLY BELOW THIS LINE\*\*

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance	
Container Type:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments:		
Preservation:	Y <input type="checkbox"/>	N <input checked="" type="checkbox"/>
Comments: <b>HNO<sub>3</sub> added to MM-1 #1, #2, and Inf samples at lab</b>		
Holding Time:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments:		
Temperature:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments: <b>11°C iced pres. begun in field</b>		

Sampled By: <i>Nathan Simon</i>	Date/Time: <b>7/25/08 8:30 AM</b>	Total Cost: <input type="text"/>
Refined By: <i>Nathan Simon</i>	Date/Time: <b>7/25/08 10:03</b>	
Received By: <i>Elizabeth A Honch</i>	Date/Time: <b>7/25/08 10:03</b>	P.I.F. <input type="text"/>
Received @ Lab By:	Date/Time: <b>7/25/08 1615</b>	

## Analytical Report Cover Page

### Day Environmental

For Lab Project # 08-2691

Issued August 7, 2008

This report contains a total of 3 pages

The reported results relate only to the samples as they have been received by the laboratory.

Any noncompliant QC parameters having impact on the data are flagged or documented on the final report.

All soil or solid samples have been reported on a dry weight basis, unless qualified "reported as received".

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**"E" = Result has been estimated, calibration limit exceeded.**

**"D" = Duplicate results outside QC limits. May indicate a non-homogenous matrix.**

**"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.**

**"B" = Method blank contained trace levels of analyte. Refer to included method blank report.**

Client: Day Environmental, Inc.

Lab Project No.: 08-2691

Client Job Site: 95 Mt Read

 Sample Type: Water  
 Method: EPA 200.7

Client Job No.: 3681R-05

 Date(s) Sampled: 08/01/2008  
 Date Received: 08/01/2008  
 Date Analyzed: 08/06/2008

**Laboratory Report for Metals Analysis in Water**

Lab Sample No.	Field ID No.	Field Location	Chromium Results (mg/L)
8931	N/A	MM D-1 T-1 EFF	<0.010
8932	N/A	MM D-1 T-2 EFF	<0.010
8933	N/A	MM-INF	<0.010

ELAP ID No.: 10958

Comments:

 Approved By: *Bruce Hoogesteger*  
 Bruce Hoogesteger, Technical Director



# PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue  
Rochester, NY 14608  
(585) 647-2530 • (800) 724-1997  
FAX: (585) 647-3311

## CHAIN OF CUSTODY

REPORT TO:				INVOICE TO:			
COMPANY: Day Environmental Inc		COMPANY:		LAB PROJECT #: 08-2691		CLIENT PROJECT #: 3681R-05	
ADDRESS: 40 Commercial St		ADDRESS:		TURNAROUND TIME: (WORKING DAYS)			
CITY: Rochester		STATE: NY		CITY: SAME		STATE: ZIP:	
PHONE: 585-454-0210		FAX: 454-0825		PHONE:		FAX:	
ATTN: Nate Simon / Bart Kline		ATTN:		<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input checked="" type="checkbox"/> 5 <input type="checkbox"/> OTHER		QUOTE #:	
PROJECT NAME/SITE NAME: 95 Mt Road 3681R-05				COMMENTS: Please E-mail results			

REQUESTED ANALYSIS												
DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	CONUTAMINERS	Total [Cr]				REMARKS	PARADIGM LAB SAMPLE NUMBER
1	8/1/08		X	MM D-1 T-1 EFF	Ag		+					8931
2	↓		X	MM D-1 T-2 EFF	↓		+					8932
3	↓		X	MM-INF	↓		+					8933
4												
5												
6												
7												
8												
9												
10												

\*\*LAB USE ONLY BELOW THIS LINE\*\*

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance	
Container Type:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments:		
Preservation:	Y <input type="checkbox"/>	N <input checked="" type="checkbox"/>
Comments: HNO3 added at lab		
Holding Time:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments:		
Temperature:	Y <input type="checkbox"/>	N <input type="checkbox"/>
Comments: 12°C iced N/A b/c for metals only		

Nathan Simon 8/1/08 7:50  
 Sampled By Date/Time  
 Nathan Simon 8/1/08 9:45  
 Relinquished By Date/Time  
 [Signature] 8/1/08 9:45  
 Received By Date/Time  
 Elizabeth A. Honch 8/1/08 12:05  
 Received @ Lab By Date/Time

Total Cost:

P.I.F.

## Analytical Report Cover Page

### Day Environmental

For Lab Project # 08-2807

Issued August 14, 2008

This report contains a total of 3 pages

The reported results relate only to the samples as they have been received by the laboratory.

Any noncompliant QC parameters having impact on the data are flagged or documented on the final report.

All soil or solid samples have been reported on a dry weight basis, unless qualified "reported as received".

Each page of this document is part of a multipage report. This document may not be reproduced except in its entirety, without the prior consent of Paradigm Environmental Services, Inc.

The Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt. Sample condition requirements are defined under the 2003 NELAC Standard, sections 5.5.8.3.1 and 5.5.8.3.2.

NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified.

Data qualifiers are used, when necessary, to provide additional information about the data. This information may be communicated as a flag or as text at the bottom of the report. Please refer to the following list of frequently used data flags and their meaning:

**"ND" = analyzed for but not detected.**

**"E" = Result has been estimated, calibration limit exceeded.**

**"D" = Duplicate results outside QC limits. May indicate a non-homogenous matrix.**

**"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.**

**"B" = Method blank contained trace levels of analyte. Refer to included method blank report.**

**Client:** DAY Environmental

**Lab Project No.:** 08-2807

**Client Job Site:** 95 Mt. Read

**Sample Type:** Water  
**Method:** EPA 200.7

**Client Job No.:** 3681R-05

**Date(s) Sampled:** 08/08/2008  
**Date Received:** 08/08/2008  
**Date Analyzed:** 08/12/2008

**Laboratory Report for Metals Analysis in Water**

Lab Sample No.	Field ID No.	Field Location	Chromium Results (mg/L)
9275	N/A	MM Inf	<0.010
9276	N/A	MM D-1 T-1 Eff	0.016
9277	N/A	MM D-1 T-2 Eff	0.035

ELAP ID No.: 10958

Comments:

**Approved By:** *Bruce Hoogesteger*  
Bruce Hoogesteger, Technical Director

# PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue  
Rochester, NY 14608  
(585) 647-2530 • (800) 724-1997  
FAX: (585) 647-3311

## CHAIN OF CUSTODY

REPORT TO:		INVOICE TO:	
COMPANY: DAY Environmental	COMPANY:	LAB PROJECT #: 08-2807	CLIENT PROJECT #: 3681R-05
ADDRESS: 40 Commercial St	ADDRESS:	TURNAROUND TIME: (WORKING DAYS)	
CITY: Rochester STATE: NY ZIP: 14614	CITY: SAME STATE: ZIP:	1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>	
PHONE: 454-0210 FAX: 454-0825	PHONE: SAME FAX:	QUOTE #:	
ATTN: Nate Simon / Bart Kline	ATTN:	PROJECT NAME/SITE NAME: 95 Mt Road	
COMMENTS: Please Email results			

### REQUESTED ANALYSIS

DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	CONCENTRATORS	REMARKS	PARADIGM LAB SAMPLE NUMBER
8/8/08	9:50		X	MMA INF	A9	1 X		9275
	9:55		X	MMA D-1 T-1 EFF		1 X		9276
	10:00		X	MMA D-1 T-2 EFF		1 X		9277

**\*\*LAB USE ONLY BELOW THIS LINE\*\***

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance	
Container Type:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments: _____		
Preservation:	Y <input type="checkbox"/>	N <input checked="" type="checkbox"/>
Comments: HNO3 added at lab		
Holding Time:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments: _____		
Temperature:	Y <input type="checkbox"/>	N <input type="checkbox"/>
Comments: 19°Ciced N/A - for metals only		

Nathan Simon	8/8/08	10:00	Total Cost:	<input type="text"/>
Sampled By	Date/Time			
Nathan Simon	8/8/08	10:27	P.I.F.	<input type="text"/>
Relinquished By	Date/Time			
Elizabeth A. Honch	8/8/08	10:27 AM		
Received By	Date/Time			
Received @ Lab By	Date/Time			

## Analytical Report Cover Page

Day Environmental

For Lab Project # 08-2907

Issued August 22, 2008

This report contains a total of 3 pages

The reported results relate only to the samples as they have been received by the laboratory.

Any noncompliant QC parameters having impact on the data are flagged or documented on the final report.

All soil or solid samples have been reported on a dry weight basis, unless qualified "reported as received".

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The Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt. Sample condition requirements are defined under the 2003 NELAC Standard, sections 5.5.8.3.1 and 5.5.8.3.2.

NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified.

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**"ND" = analyzed for but not detected.**

**"E" = Result has been estimated, calibration limit exceeded.**

**"D" = Duplicate results outside QC limits. May indicate a non-homogenous matrix.**

**"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.**

**"B" = Method blank contained trace levels of analyte. Refer to included method blank report.**

**Client:** Day Environmental Inc.
**Lab Project No.:** 08-2907

**Client Job Site:** 95 Mt Read

**Sample Type:** Water  
**Method:** EPA 200.7

**Client Job No.:** 3631R-05

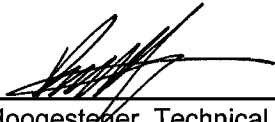
**Date(s) Sampled:** 08/15/2008  
**Date Received:** 08/15/2008  
**Date Analyzed:** 08/22/2008

**Laboratory Report for Metals Analysis in Water**

Lab Sample No.	Field ID No.	Field Location	Chromium Results (mg/L)
9559	N/A	MM-Inf	0.012
9560	N/A	MM D-1 T-1 Eff	<0.010
9561	N/A	MM D-1 T-2 Eff	<0.010

ELAP ID No.: 10958

Comments:

**Approved By:**   
 Bruce Hoogesteger, Technical Director

# PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue  
Rochester, NY 14608  
(585) 647-2530 • (800) 724-1997  
FAX: (585) 647-3311

## CHAIN OF CUSTODY

REPORT TO:			INVOICE TO:		
COMPANY: DAY Environmental Inc.	ADDRESS: 40 Commercial St		COMPANY:	ADDRESS:	
CITY: Rochester	STATE: NY	ZIP: 14614	CITY: SAME	STATE:	ZIP:
PHONE: 454-0210	FAX: 454-0825	PHONE:		FAX:	
PROJECT NAME/SITE NAME: 95 Mt Road			LAB PROJECT #: 08-2907		
ATTN: Nate Simon / Barb Kline			CLIENT PROJECT #: 3031R-05		
COMMENTS: Please E-mail results			TURNAROUND TIME: (WORKING DAYS)		
			<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input checked="" type="checkbox"/> 5 <input type="checkbox"/> OTHER		
			QUOTE #:		

REQUESTED ANALYSIS									
DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	CONUTMAINERS	Total [Cr]	REMARKS	PARADIGM LAB SAMPLE NUMBER
1 8/15/08	8:15		X	MM-INF	Aq	1	X		9559
2 8/15/08	8:20		X	MM D-1 T-1 EFF	Aq	1	X		9560
3 8/15/08	8:25		X	MM D-1 T-2 EFF	Aq	1	X		9561
4									
5									
6									
7									
8									
9									
10									

**\*\*LAB USE ONLY BELOW THIS LINE\*\***

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance	
Container Type:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments:		
Preservation:	Y <input type="checkbox"/>	N <input type="checkbox"/>
Comments: HNO3 added at lab		
Holding Time:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments:		
Temperature:	Y <input type="checkbox"/>	N <input type="checkbox"/>
Comments: 16°C iced N/A b/c for metals only		

Sampled By: <i>Nathan Simon</i>	Date/Time: 8/15/08 8:30	Total Cost: <input type="text"/>
Relinquished By: <i>Nathan Simon</i>	Date/Time: 8/15/08 8:49	
Received By: <i>Elizabeth A. Honch</i>	Date/Time: 8/15/08 8:49 AM	P.I.F. <input type="text"/>
Received @ Lab By:	Date/Time: 8/15/08 1350	

## Analytical Report Cover Page

Day Environmental Inc.

For Lab Project # 08-2993  
Issued September 4, 2008  
This report contains a total of 9 pages

The reported results relate only to the samples as they have been received by the laboratory.

Any noncompliant QC parameters having impact on the data are flagged or documented on the final report.

All soil or solid samples have been reported on a dry weight basis, unless qualified "reported as received".

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**"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.**

**"B" = Method blank contained trace levels of analyte. Refer to included method blank report.**



Client: Day Environmental Inc.

Lab Project No.: 08-2993

 Client Job Site: 95 Mt Read  
 Roch., NY

 Sample Type: Water  
 Method: EPA 200.7

Client Job No.: 3681R-05

 Date(s) Sampled: 08/19-20/2008  
 Date Received: 08/21/2008  
 Date Analyzed: 09/02/2008

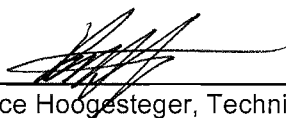
**Laboratory Report for Metals Analysis in Water**

Lab Sample No.	Field ID No.	Field Location	Chromium Results (mg/L)
9835	N/A	MW-15	0.049
9836	N/A	MW-32	5.22
9837	N/A	MW-1	<0.010
9838	N/A	MW-21	<0.010
9839	N/A	MW-4	<0.010
9840	N/A	MW-14	0.018

ELAP ID No.: 10958

Comments:

Approved By: \_\_\_\_\_

  
 Bruce Hoogesteger, Technical Director

### Volatile Analysis Report for Non-potable Water

**Client:** Day Environmental Inc

**Client Job Site:** 95 Mt Read  
 Roch, NY  
**Client Job Number:** 3681R-05  
**Field Location:** MW-15  
**Field ID Number:** N/A  
**Sample Type:** Water

**Lab Project Number:** 08-2993  
**Lab Sample Number:** 9835  
**Date Sampled:** 08/19/2008  
**Date Received:** 08/21/2008  
**Date Analyzed:** 09/02/2008

Halocarbons	Results in ug / L	Halocarbons	Results in ug / L
Bromodichloromethane	ND< 2.00	trans-1,2-Dichloroethene	ND< 2.00
Bromomethane	ND< 2.00	1,2-Dichloropropane	ND< 2.00
Bromoform	ND< 5.00	cis-1,3-Dichloropropene	ND< 2.00
Carbon Tetrachloride	ND< 2.00	trans-1,3-Dichloropropene	ND< 2.00
Chloroethane	ND< 2.00	Methylene chloride	ND< 5.00
Chloromethane	ND< 2.00	1,1,2,2-Tetrachloroethane	ND< 2.00
2-Chloroethyl vinyl Ether	ND< 10.0	Tetrachloroethene	4.75
Chloroform	ND< 2.00	1,1,1-Trichloroethane	ND< 2.00
Dibromochloromethane	ND< 2.00	1,1,2-Trichloroethane	ND< 2.00
1,1-Dichloroethane	ND< 2.00	Trichloroethene	2.41
1,2-Dichloroethane	ND< 2.00	Trichlorofluoromethane	ND< 2.00
1,1-Dichloroethene	ND< 2.00	Vinyl chloride	ND< 2.00
Chlorobenzene	ND< 2.00	1,3-Dichlorobenzene	ND< 2.00
1,2-Dichlorobenzene	ND< 2.00	1,4-Dichlorobenzene	ND< 2.00
cis-1,2-Dichloroethene	ND< 2.00		


ELAP Number 10958

Method: EPA 8260B

Data File: V59353a.D

Comments: ND denotes Non Detect  
 ug / L = microgram per Liter

Signature: \_\_\_\_\_

  
 Bruce Hoogesteger, Technical Director

**Volatile Analysis Report for Non-potable Water**

Client: **Day Environmental Inc**

Client Job Site: 95 Mt Read  
 Roch, NY  
 Client Job Number: 3681R-05  
 Field Location: MW-32  
 Field ID Number: N/A  
 Sample Type: Water

Lab Project Number: 08-2993  
 Lab Sample Number: 9836  
 Date Sampled: 08/19/2008  
 Date Received: 08/21/2008  
 Date Analyzed: 09/02/2008

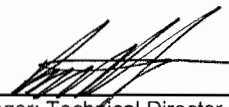
Halocarbons	Results in ug / L	Halocarbons	Results in ug / L
Bromodichloromethane	ND< 2.00	trans-1,2-Dichloroethene	ND< 2.00
Bromomethane	ND< 2.00	1,2-Dichloropropane	ND< 2.00
Bromoform	ND< 5.00	cis-1,3-Dichloropropene	ND< 2.00
Carbon Tetrachloride	ND< 2.00	trans-1,3-Dichloropropene	ND< 2.00
Chloroethane	ND< 2.00	Methylene chloride	ND< 5.00
Chloromethane	ND< 2.00	1,1,2,2-Tetrachloroethane	ND< 2.00
2-Chloroethyl vinyl Ether	ND< 10.0	Tetrachloroethene	ND< 2.00
Chloroform	ND< 2.00	1,1,1-Trichloroethane	ND< 2.00
Dibromochloromethane	ND< 2.00	1,1,2-Trichloroethane	ND< 2.00
1,1-Dichloroethane	ND< 2.00	Trichloroethene	ND< 2.00
1,2-Dichloroethane	ND< 2.00	Trichlorofluoromethane	ND< 2.00
1,1-Dichloroethene	ND< 2.00	Vinyl chloride	ND< 2.00
Chlorobenzene	ND< 2.00	1,3-Dichlorobenzene	ND< 2.00
1,2-Dichlorobenzene	ND< 2.00	1,4-Dichlorobenzene	ND< 2.00
cis-1,2-Dichloroethene	ND< 2.00		

ELAP Number 10958

Method: EPA 8260B

Data File: V59354.D

Comments: ND denotes Non Detect  
 ug / L = microgram per Liter

Signature:   
 Bruce Hoogesteger: Technical Director

### Volatile Analysis Report for Non-potable Water

**Client:** Day Environmental Inc

**Client Job Site:** 95 Mt Read  
 Roch, NY  
**Client Job Number:** 3681R-05  
**Field Location:** MW-1  
**Field ID Number:** N/A  
**Sample Type:** Water

**Lab Project Number:** 08-2993  
**Lab Sample Number:** 9837  
**Date Sampled:** 08/19/2008  
**Date Received:** 08/21/2008  
**Date Analyzed:** 09/02/2008

Halocarbons	Results in ug / L	Halocarbons	Results in ug / L
Bromodichloromethane	ND< 2.00	trans-1,2-Dichloroethene	ND< 2.00
Bromomethane	ND< 2.00	1,2-Dichloropropane	ND< 2.00
Bromoform	ND< 5.00	cis-1,3-Dichloropropene	ND< 2.00
Carbon Tetrachloride	ND< 2.00	trans-1,3-Dichloropropene	ND< 2.00
Chloroethane	ND< 2.00	Methylene chloride	ND< 5.00
Chloromethane	ND< 2.00	1,1,2,2-Tetrachloroethane	ND< 2.00
2-Chloroethyl vinyl Ether	ND< 10.0	Tetrachloroethene	ND< 2.00
Chloroform	ND< 2.00	1,1,1-Trichloroethane	ND< 2.00
Dibromochloromethane	ND< 2.00	1,1,2-Trichloroethane	ND< 2.00
1,1-Dichloroethane	ND< 2.00	Trichloroethene	ND< 2.00
1,2-Dichloroethane	ND< 2.00	Trichlorofluoromethane	ND< 2.00
1,1-Dichloroethene	ND< 2.00	Vinyl chloride	ND< 2.00
Chlorobenzene	ND< 2.00	1,3-Dichlorobenzene	ND< 2.00
1,2-Dichlorobenzene	ND< 2.00	1,4-Dichlorobenzene	ND< 2.00
cis-1,2-Dichloroethene	ND< 2.00		

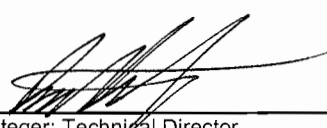
ELAP Number 10958

Method: EPA 8260B

Data File: V59355.D

Comments: ND denotes Non Detect  
 ug / L = microgram per Liter

Signature: \_\_\_\_\_

  
 Bruce Hoogesteger: Technical Director

### Volatile Analysis Report for Non-potable Water

Client: **Day Environmental Inc**

**Client Job Site:** 95 Mt Read  
 Roch, NY  
**Client Job Number:** 3681R-05  
**Field Location:** MW-21  
**Field ID Number:** N/A  
**Sample Type:** Water

**Lab Project Number:** 08-2993  
**Lab Sample Number:** 9838  
**Date Sampled:** 08/19/2008  
**Date Received:** 08/21/2008  
**Date Analyzed:** 09/02/2008

Halocarbons	Results in ug / L	Halocarbons	Results in ug / L
Bromodichloromethane	ND< 2.00	trans-1,2-Dichloroethene	ND< 2.00
Bromomethane	ND< 2.00	1,2-Dichloropropane	ND< 2.00
Bromoform	ND< 5.00	cis-1,3-Dichloropropene	ND< 2.00
Carbon Tetrachloride	ND< 2.00	trans-1,3-Dichloropropene	ND< 2.00
Chloroethane	ND< 2.00	Methylene chloride	ND< 5.00
Chloromethane	ND< 2.00	1,1,2,2-Tetrachloroethane	ND< 2.00
2-Chloroethyl vinyl Ether	ND< 10.0	Tetrachloroethene	ND< 2.00
Chloroform	ND< 2.00	1,1,1-Trichloroethane	ND< 2.00
Dibromochloromethane	ND< 2.00	1,1,2-Trichloroethane	ND< 2.00
1,1-Dichloroethane	ND< 2.00	Trichloroethene	ND< 2.00
1,2-Dichloroethane	ND< 2.00	Trichlorofluoromethane	ND< 2.00
1,1-Dichloroethene	ND< 2.00	Vinyl chloride	ND< 2.00
Chlorobenzene	ND< 2.00	1,3-Dichlorobenzene	ND< 2.00
1,2-Dichlorobenzene	ND< 2.00	1,4-Dichlorobenzene	ND< 2.00
cis-1,2-Dichloroethene	ND< 2.00		

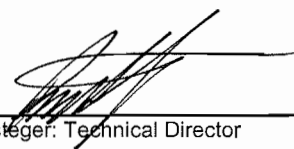
ELAP Number 10958

Method: EPA 8260B

Data File: V59356.D

Comments: ND denotes Non Detect  
 ug / L = microgram per Liter

Signature: \_\_\_\_\_

  
 Bruce Hoogesteger, Technical Director

### Volatile Analysis Report for Non-potable Water

**Client:** Day Environmental Inc

**Client Job Site:** 95 Mt Read  
Roch, NY  
**Client Job Number:** 3681R-05  
**Field Location:** MW-4  
**Field ID Number:** N/A  
**Sample Type:** Water

**Lab Project Number:** 08-2993  
**Lab Sample Number:** 9839  
**Date Sampled:** 08/19/2008  
**Date Received:** 08/21/2008  
**Date Analyzed:** 09/02/2008

Halocarbons	Results in ug / L	Halocarbons	Results in ug / L
Bromodichloromethane	ND< 2.00	trans-1,2-Dichloroethene	ND< 2.00
Bromomethane	ND< 2.00	1,2-Dichloropropane	ND< 2.00
Bromoform	ND< 5.00	cis-1,3-Dichloropropene	ND< 2.00
Carbon Tetrachloride	ND< 2.00	trans-1,3-Dichloropropene	ND< 2.00
Chloroethane	ND< 2.00	Methylene chloride	ND< 5.00
Chloromethane	ND< 2.00	1,1,2,2-Tetrachloroethane	ND< 2.00
2-Chloroethyl vinyl Ether	ND< 10.0	Tetrachloroethene	ND< 2.00
Chloroform	ND< 2.00	1,1,1-Trichloroethane	ND< 2.00
Dibromochloromethane	ND< 2.00	1,1,2-Trichloroethane	ND< 2.00
1,1-Dichloroethane	ND< 2.00	Trichloroethene	ND< 2.00
1,2-Dichloroethane	ND< 2.00	Trichlorofluoromethane	ND< 2.00
1,1-Dichloroethene	ND< 2.00	Vinyl chloride	ND< 2.00
Chlorobenzene	ND< 2.00	1,3-Dichlorobenzene	ND< 2.00
1,2-Dichlorobenzene	ND< 2.00	1,4-Dichlorobenzene	ND< 2.00
cis-1,2-Dichloroethene	ND< 2.00		

ELAP Number 10958

Method: EPA 8260B

Data File: V59357.D

Comments: ND denotes Non Detect  
ug / L = microgram per Liter

Signature: \_\_\_\_\_

  
Bruce Hoogesteger: Technical Director

**Volatile Analysis Report for Non-potable Water**

Client: **Day Environmental Inc**

Client Job Site: 95 Mt Read  
 Roch, NY  
 Client Job Number: 3681R-05  
 Field Location: MW-14  
 Field ID Number: N/A  
 Sample Type: Water

Lab Project Number: 08-2993  
 Lab Sample Number: 9840  
 Date Sampled: 08/19/2008  
 Date Received: 08/21/2008  
 Date Analyzed: 09/02/2008

Halocarbons	Results in ug / L	Halocarbons	Results in ug / L
Bromodichloromethane	ND< 2.00	trans-1,2-Dichloroethene	ND< 2.00
Bromomethane	ND< 2.00	1,2-Dichloropropane	ND< 2.00
Bromoform	ND< 5.00	cis-1,3-Dichloropropene	ND< 2.00
Carbon Tetrachloride	ND< 2.00	trans-1,3-Dichloropropene	ND< 2.00
Chloroethane	ND< 2.00	Methylene chloride	ND< 5.00
Chloromethane	ND< 2.00	1,1,2,2-Tetrachloroethane	ND< 2.00
2-Chloroethyl vinyl Ether	ND< 10.0	Tetrachloroethene	ND< 2.00
Chloroform	ND< 2.00	1,1,1-Trichloroethane	ND< 2.00
Dibromochloromethane	ND< 2.00	1,1,2-Trichloroethane	ND< 2.00
1,1-Dichloroethane	2.01	Trichloroethene	ND< 2.00
1,2-Dichloroethane	ND< 2.00	Trichlorofluoromethane	ND< 2.00
1,1-Dichloroethene	ND< 2.00	Vinyl chloride	24.0
Chlorobenzene	ND< 2.00	1,3-Dichlorobenzene	ND< 2.00
1,2-Dichlorobenzene	ND< 2.00	1,4-Dichlorobenzene	ND< 2.00
cis-1,2-Dichloroethene	33.9		

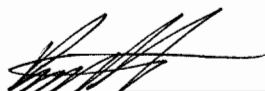
ELAP Number 10958

Method: EPA 8260B

Data File: V59358.D

Comments: ND denotes Non Detect  
 ug / L = microgram per Liter

Signature: \_\_\_\_\_



Bruce Hoogesteger: Technical Director

# PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue  
Rochester, NY 14608  
(585) 647-2530 • (800) 724-1997  
FAX: (585) 647-3311

## CHAIN OF CUSTODY

REPORT TO:

INVOICE TO:

COMPANY: <u>DAY Environmental Inc.</u>	COMPANY:	LAB PROJECT #:	CLIENT PROJECT #:
ADDRESS: <u>40 Commercial St.</u>	ADDRESS: <u>Same</u>	<u>08-2993</u>	<u>3681R-05</u>
CITY: <u>Rochester</u> STATE: <u>NY</u> ZIP: <u>14614</u>	CITY: STATE: ZIP:	TURNAROUND TIME: (WORKING DAYS)	
PHONE: <u>454-0210</u> FAX: <u>454-0825</u>	PHONE: FAX:	<u>10 Days. TAT</u>	
ATTN: <u>Nate Simon</u>	ATTN:	1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 5 <input type="checkbox"/>	OTHER <input checked="" type="checkbox"/> <u>10</u>
PROJECT NAME/SITE NAME: <u>95 Mt. Read Roch., NY</u>	COMMENTS: <u>Please email results to N. Simon</u>	QUOTE #:	

### REQUESTED ANALYSIS

DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	CONTAMINERS	Halogenated VOCs	Via 8260 +	Dis 120LE	Total Chrome	REMARKS	PARADIGM LAB SAMPLE NUMBER
18-19-08	11:20		X	MW-15	Aq	3	X			X		9835
28-19-08	12:40		X	MW-32	Aq	3	X			X		9836
30-19-08	13:25		X	MW-1	Aq	3	X			X		9837
48-19-08	14:30		X	MW-21	Aq	3	X			X		9838
58-20-08	10:00		X	MW-4	Aq	3	X			X		9839
68-20-08	11:15		X	MW-14	Aq	3	X			X		9840
7												
8												
9												
10												

\*\*LAB USE ONLY BELOW THIS LINE\*\*

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance	
Container Type:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments:		
Preservation:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments:		
Holding Time:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments:		
Temperature:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments: <u>6°Ciced on 8/20</u>		

Sampled By MWD 8-20-08/15:55  
 Relinquished By MWD 8-20-08/16:15  
 Received By J. DeValera 8-20-08/16:15  
 Received @ Lab By Emily maw 8/21/08 1135

Total Cost:

P.I.F.



## Analytical Report Cover Page

### Day Environmental

For Lab Project # 08-3020

Issued August 29, 2008

This report contains a total of 3 pages

The reported results relate only to the samples as they have been received by the laboratory.

Any noncompliant QC parameters having impact on the data are flagged or documented on the final report.

All soil or solid samples have been reported on a dry weight basis, unless qualified "reported as received".

Each page of this document is part of a multipage report. This document may not be reproduced except in its entirety, without the prior consent of Paradigm Environmental Services, Inc.

The Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt. Sample condition requirements are defined under the 2003 NELAC Standard, sections 5.5.8.3.1 and 5.5.8.3.2.

NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified.

Data qualifiers are used, when necessary, to provide additional information about the data. This information may be communicated as a flag or as text at the bottom of the report. Please refer to the following list of frequently used data flags and their meaning:

**"ND" = analyzed for but not detected.**

**"E" = Result has been estimated, calibration limit exceeded.**

**"D" = Duplicate results outside QC limits. May indicate a non-homogenous matrix.**

**"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.**

**"B" = Method blank contained trace levels of analyte. Refer to included method blank report.**



**Client:** Day Environmental

**Client Job Site:** N/A

**Client Job No.:** 3681R-0S

**Lab Project No.:** 08-3020

**Sample Type:** Water  
**Method:** EPA 200.7

**Date(s) Sampled:** 08/22/2008  
**Date Received:** 08/22/2008  
**Date Analyzed:** 08/28/2008

**Laboratory Report for Metals Analysis in Water**

Lab Sample No.	Field ID No.	Field Location	Chromium Results (mg/L)
9926	N/A	Influent	0.023
9927	N/A	MM1 Effluent	<0.010
9928	N/A	MM2 Effluent	<0.010

ELAP ID No.: 10958

Comments:

**Approved By:**   
Bruce Hoogesteger, Technical Director

# PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue  
Rochester, NY 14608  
(585) 647-2530 • (800) 724-1997  
FAX: (585) 647-3311

## CHAIN OF CUSTODY

REPORT TO:		INVOICE TO:	
COMPANY: DAY ENVIRONMENTAL	COMPANY:	LAB PROJECT #: 08-3020	CLIENT PROJECT #:
ADDRESS: 40 Commercial St.	ADDRESS:	TURNAROUND TIME: (WORKING DAYS)	
CITY: Rochester STATE: NY ZIP: 14614	CITY: STATE: ZIP:	STD <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input checked="" type="checkbox"/> 5 <input type="checkbox"/> OTHER	
PHONE: 454-0210 FAX:	PHONE: FAX:	QUOTE #:	
ATTN: NATE SIMON	ATTN:		
COMMENTS:			

PROJECT NAME/SITE NAME:  
**3681R-05**

### REQUESTED ANALYSIS

DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	CONUTAMINERS	Tot. Cr	REMARKS	PARADIGM LAB SAMPLE NUMBER
1 8/22/08	1300		X	INFLUENT	Aq	1	X		9926
2 8/22/08	↓		X	MM1 EFFLUENT	Aq	1	X		9927
3 8/22/08	↓		X	MM2 EFFLUENT	Aq	1	X		9928
4								ee 2M 8/22	9
5									
6									
7									
8									
9									
10									

**\*\*LAB USE ONLY BELOW THIS LINE\*\***

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance	
Container Type:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments: _____		
Preservation:	Y <input type="checkbox"/>	N <input checked="" type="checkbox"/>
Comments: HNO3 added at lab		
Holding Time:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments: _____		
Temperature:	Y <input type="checkbox"/>	N <input checked="" type="checkbox"/>
Comments: 25°C ee 8/22		

<i>Lyle Miller</i>	8/22/08 1300
Sampled By	Date/Time
<i>Lyle Miller</i>	8/22/08 1340
Relinquished By	Date/Time
<i>[Signature]</i>	8/22/08 1340
Received By	Date/Time
<i>Emily M...</i>	8/22/08 1440
Received @ Lab By	Date/Time

Total Cost:

P.I.F.

NA b/c for metals only

## Analytical Report Cover Page

### Day Environmental

For Lab Project # 08-3135

Issued September 9, 2008

This report contains a total of 7 pages

The reported results relate only to the samples as they have been received by the laboratory.

Any noncompliant QC parameters having impact on the data are flagged or documented on the final report.

All soil or solid samples have been reported on a dry weight basis, unless qualified "reported as received".

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**"D" = Duplicate results outside QC limits. May indicate a non-homogenous matrix.**

**"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.**

**"B" = Method blank contained trace levels of analyte. Refer to included method blank report.**



**Client:** Day Environmental Inc.

**Lab Project No.:** 08-3135

**Client Job Site:** 95 Mt Read

**Sample Type:** Water  
**Method:** EPA 200.7

**Client Job No.:** 3681R-05

**Date(s) Sampled:** 08/29/2008  
**Date Received:** 08/29/2008  
**Date Analyzed:** 09/08/2008

**Laboratory Report for Metals Analysis in Water**

Lab Sample No.	Field ID No.	Field Location	Chromium Results (mg/L)
10293	N/A	MM-INF	0.032
10294	N/A	MM-D-1 T-1 EFF	0.018
10295	N/A	MM D-1 T-2 EFF	<0.010
10299	N/A	SXS EFF	<0.010

ELAP ID No.: 10958

Comments:

**Approved By:**   
Bruce Hoogesteger, Technical Director

**Volatile Analysis Report for Non-potable Water**Client: **Day Environmental Inc**

Client Job Site: 95 Mt Read

Lab Project Number: 08-3135

Lab Sample Number: 10296

Client Job Number: 3681R-05

Field Location: AC Train Inf

Date Sampled: 08/29/2008

Field ID Number: N/A

Date Received: 08/29/2008

Sample Type: Water

Date Analyzed: 09/08/2008

Halocarbons	Results in ug / L	Halocarbons	Results in ug / L
Bromodichloromethane	ND< 20.0	trans-1,2-Dichloroethene	38.0
Bromomethane	ND< 20.0	1,2-Dichloropropane	ND< 20.0
Bromoform	ND< 50.0	cis-1,3-Dichloropropene	ND< 20.0
Carbon Tetrachloride	ND< 20.0	trans-1,3-Dichloropropene	ND< 20.0
Chloroethane	ND< 20.0	Methylene chloride	ND< 50.0
Chloromethane	ND< 20.0	1,1,2,2-Tetrachloroethane	ND< 20.0
2-Chloroethyl vinyl Ether	ND< 100	Tetrachloroethene	31.1
Chloroform	ND< 20.0	1,1,1-Trichloroethane	ND< 20.0
Dibromochloromethane	ND< 20.0	1,1,2-Trichloroethane	ND< 20.0
1,1-Dichloroethane	ND< 20.0	Trichloroethene	41.7
1,2-Dichloroethane	ND< 20.0	Trichlorofluoromethane	ND< 20.0
1,1-Dichloroethene	20.8	Vinyl chloride	268
Chlorobenzene	ND< 20.0	1,3-Dichlorobenzene	ND< 20.0
1,2-Dichlorobenzene	ND< 20.0	1,4-Dichlorobenzene	ND< 20.0
cis-1,2-Dichloroethene	E 4,040		

ELAP Number 10958

Method: EPA 8260B

Data File: V59579.D

Comments: ND denotes Non Detect  
ug / L = microgram per Liter

Signature: \_\_\_\_\_

  
 Bruce Hoogesteger, Technical Director

### Volatile Analysis Report for Non-potable Water

**Client:** Day Environmental Inc

<p><b>Client Job Site:</b> 95 Mt Read</p> <p><b>Client Job Number:</b> 3681R-05</p> <p><b>Field Location:</b> AC D-1 T-1 Eff</p> <p><b>Field ID Number:</b> N/A</p> <p><b>Sample Type:</b> Water</p>	<p><b>Lab Project Number:</b> 08-3135</p> <p><b>Lab Sample Number:</b> 10297</p> <p><b>Date Sampled:</b> 08/29/2008</p> <p><b>Date Received:</b> 08/29/2008</p> <p><b>Date Analyzed:</b> 09/08/2008</p>
--	---

Halocarbons	Results in ug / L	Halocarbons	Results in ug / L
Bromodichloromethane	ND< 2.00	trans-1,2-Dichloroethene	ND< 2.00
Bromomethane	ND< 2.00	1,2-Dichloropropane	ND< 2.00
Bromoform	ND< 5.00	cis-1,3-Dichloropropene	ND< 2.00
Carbon Tetrachloride	ND< 2.00	trans-1,3-Dichloropropene	ND< 2.00
Chloroethane	ND< 2.00	Methylene chloride	ND< 5.00
Chloromethane	ND< 2.00	1,1,2,2-Tetrachloroethane	ND< 2.00
2-Chloroethyl vinyl Ether	ND< 10.0	Tetrachloroethene	ND< 2.00
Chloroform	ND< 2.00	1,1,1-Trichloroethane	ND< 2.00
Dibromochloromethane	ND< 2.00	1,1,2-Trichloroethane	ND< 2.00
1,1-Dichloroethane	ND< 2.00	Trichloroethene	ND< 2.00
1,2-Dichloroethane	ND< 2.00	Trichlorofluoromethane	ND< 2.00
1,1-Dichloroethene	ND< 2.00	Vinyl chloride	14.6
Chlorobenzene	ND< 2.00	1,3-Dichlorobenzene	ND< 2.00
1,2-Dichlorobenzene	ND< 2.00	1,4-Dichlorobenzene	ND< 2.00
cis-1,2-Dichloroethene	ND< 2.00		

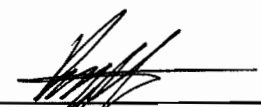
ELAP Number 10958

Method: EPA 8260B

Data File: V59580.D

Comments: ND denotes Non Detect  
ug / L = microgram per Liter

Signature: \_\_\_\_\_

  
Bruce Hoogestege, Technical Director



**Volatile Analysis Report for Non-potable Water**

**Client:** Day Environmental Inc

**Client Job Site:** 95 Mt Read  
**Client Job Number:** 3681R-05  
**Field Location:** AC D-1 T-2 Eff  
**Field ID Number:** N/A  
**Sample Type:** Water

**Lab Project Number:** 08-3135  
**Lab Sample Number:** 10298  
**Date Sampled:** 08/29/2008  
**Date Received:** 08/29/2008  
**Date Analyzed:** 09/08/2008

Halocarbons	Results in ug / L	Halocarbons	Results in ug / L
Bromodichloromethane	ND< 2.00	trans-1,2-Dichloroethene	ND< 2.00
Bromomethane	ND< 2.00	1,2-Dichloropropane	ND< 2.00
Bromoform	ND< 5.00	cis-1,3-Dichloropropene	ND< 2.00
Carbon Tetrachloride	ND< 2.00	trans-1,3-Dichloropropene	ND< 2.00
Chloroethane	ND< 2.00	Methylene chloride	ND< 5.00
Chloromethane	ND< 2.00	1,1,2,2-Tetrachloroethane	ND< 2.00
2-Chloroethyl vinyl Ether	ND< 10.0	Tetrachloroethene	ND< 2.00
Chloroform	ND< 2.00	1,1,1-Trichloroethane	ND< 2.00
Dibromochloromethane	ND< 2.00	1,1,2-Trichloroethane	ND< 2.00
1,1-Dichloroethane	ND< 2.00	Trichloroethene	ND< 2.00
1,2-Dichloroethane	ND< 2.00	Trichlorofluoromethane	ND< 2.00
1,1-Dichloroethene	ND< 2.00	Vinyl chloride	31.6
Chlorobenzene	ND< 2.00	1,3-Dichlorobenzene	ND< 2.00
1,2-Dichlorobenzene	ND< 2.00	1,4-Dichlorobenzene	ND< 2.00
cis-1,2-Dichloroethene	4.25		


ELAP Number 10958

Method: EPA 8260B

Data File: V59581.D

Comments: ND denotes Non Detect  
ug / L = microgram per Liter

Signature: \_\_\_\_\_

  
Bruce Hoogesteger, Technical Director



**Volatile Analysis Report for Non-potable Water**Client: **Day Environmental Inc**

Client Job Site: 95 Mt Read

Lab Project Number: 08-3135

Lab Sample Number: 10299

Client Job Number: 3681R-05

Field Location: SYS Eff

Date Sampled: 08/29/2008

Field ID Number: N/A

Date Received: 08/29/2008

Sample Type: Water

Date Analyzed: 09/08/2008

Halocarbons	Results in ug / L	Halocarbons	Results in ug / L
Bromodichloromethane	ND< 2.00	trans-1,2-Dichloroethene	ND< 2.00
Bromomethane	ND< 2.00	1,2-Dichloropropane	ND< 2.00
Bromoform	ND< 5.00	cis-1,3-Dichloropropene	ND< 2.00
Carbon Tetrachloride	ND< 2.00	trans-1,3-Dichloropropene	ND< 2.00
Chloroethane	ND< 2.00	Methylene chloride	ND< 5.00
Chloromethane	ND< 2.00	1,1,2,2-Tetrachloroethane	ND< 2.00
2-Chloroethyl vinyl Ether	ND< 10.0	Tetrachloroethene	ND< 2.00
Chloroform	ND< 2.00	1,1,1-Trichloroethane	ND< 2.00
Dibromochloromethane	ND< 2.00	1,1,2-Trichloroethane	ND< 2.00
1,1-Dichloroethane	ND< 2.00	Trichloroethene	ND< 2.00
1,2-Dichloroethane	ND< 2.00	Trichlorofluoromethane	ND< 2.00
1,1-Dichloroethene	ND< 2.00	Vinyl chloride	ND< 2.00
Chlorobenzene	ND< 2.00	1,3-Dichlorobenzene	ND< 2.00
1,2-Dichlorobenzene	ND< 2.00	1,4-Dichlorobenzene	ND< 2.00
cis-1,2-Dichloroethene	ND< 2.00		

ELAP Number 10958

Method: EPA 8260B

Data File: V59582.D

Comments: ND denotes Non Detect  
ug / L = microgram per Liter

Signature: \_\_\_\_\_

Bruce Hoogesteger: Technical Director

# PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue  
Rochester, NY 14608  
(585) 647-2530 • (800) 724-1997  
FAX: (585) 647-3311

## CHAIN OF CUSTODY

REPORT TO:		INVOICE TO:	
COMPANY: Day Environmental Inc	COMPANY:	LAB PROJECT #: 08-3135	CLIENT PROJECT #: 3813-05
ADDRESS: 40 Commercial St	ADDRESS:	TURNAROUND TIME: (WORKING DAYS)	
CITY: Rochester STATE: NY ZIP: 14614	CITY: SAME STATE: ZIP:	STD <input checked="" type="checkbox"/> 5 OTHER <input type="checkbox"/>	
PHONE: 454-0210 FAX: 454-0825	PHONE: FAX:	QUOTE #:	
PROJECT NAME/SITE NAME: 95 Mt Read	ATTN: Nate Simon / Bart Kline	COMMENTS: Please E-mail Results	

### REQUESTED ANALYSIS

DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	CONTAMINERS	TOTAL CF	Halo Vocs +	CIS 1,2 DCE	REMARKS	PARADIGM LAB SAMPLE NUMBER
8/29/08	12:20		X	MM - INF	W	1	X				10293
8/29/08	12:20		X	MM - D-1 T-1 EFF		1	X				10294
8/29/08	12:20		X	MM D-1 T-2 EFF		1	X				10295
8/29/08	12:00		X	AC Train INF		2		X			10296
8/29/08	12:10		X	AC D-1 T-1 EFF		2		X			10297
8/29/08	12:05		X	AC D-1 T-2 EFF		2		X			10298
8/29/08	11:55		X	SYS EFF	↓	3	X	X			10299
8											
9											
10											

**\*\*LAB USE ONLY BELOW THIS LINE\*\***

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance	
Container Type:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments: _____		
Preservation:	Y <input type="checkbox"/>	N <input checked="" type="checkbox"/>
Comments: HNO3 added to metals MM Inf, D-1, T-1 and D-1, T-2 at lab		
Holding Time:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments: _____		
Temperature:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments: 7°C iced pres begun in field		

Sampled By: Nate Simon Date/Time: 8/29/08 12:00  
 Relinquished By: Nate Simon Date/Time: 8/29/08 2:28  
 Received By: [Signature] Date/Time: 8/29/08 1442  
 Received @ Lab By: Elizabeth A. Honck Date/Time: 8/29/08 1722

Total Cost:

P.I.F.

## Analytical Report Cover Page

Day Environmental

For Lab Project # 08-3216

Issued September 12, 2008

This report contains a total of 4 pages

The reported results relate only to the samples as they have been received by the laboratory.

Any noncompliant QC parameters having impact on the data are flagged or documented on the final report.

All soil or solid samples have been reported on a dry weight basis, unless qualified "reported as received".

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**"ND" = analyzed for but not detected.**

**"E" = Result has been estimated, calibration limit exceeded.**

**"D" = Duplicate results outside QC limits. May indicate a non-homogenous matrix.**

**"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.**

**"B" = Method blank contained trace levels of analyte. Refer to included method blank report.**



Client: Day Environmental

Lab Project No.: 08-3216

Client Job Site: N/A

Sample Type: Water  
Method: EPA 200.7

Client Job No.: 3681R-05


Date(s) Sampled: 09/05/2008  
Date Received: 09/05/2008  
Date Analyzed: 09/11/2008

**Laboratory Report for Metals Analysis in Water**

Lab Sample No.	Field ID No.	Field Location	Chromium Results (mg/L)
10502	N/A	MW-8	19.3 M

ELAP ID No.: 10958

Comments:

Approved By:   
Bruce Hoogesteger, Technical Director



**Volatile Analysis Report for Non-potable Water**

Client: **Day Environmental**

Client Job Site: N/A

Lab Project Number: 08-3216

Lab Sample Number: 10502

Client Job Number: 3681R-05

Field Location: MW-8

Date Sampled: 09/05/2008

Field ID Number: N/A

Date Received: 09/05/2008

Sample Type: Water

Date Analyzed: 09/11/2008

Halocarbons	Results in ug / L	Halocarbons	Results in ug / L
Bromodichloromethane	ND< 20.0	trans-1,2-Dichloroethene	22.6
Bromomethane	ND< 20.0	1,2-Dichloropropane	ND< 20.0
Bromoform	ND< 50.0	cis-1,3-Dichloropropene	ND< 20.0
Carbon Tetrachloride	ND< 20.0	trans-1,3-Dichloropropene	ND< 20.0
Chloroethane	ND< 20.0	Methylene chloride	ND< 50.0
Chloromethane	ND< 20.0	1,1,2,2-Tetrachloroethane	ND< 20.0
2-Chloroethyl vinyl Ether	ND< 100	Tetrachloroethene	762
Chloroform	ND< 20.0	1,1,1-Trichloroethane	ND< 20.0
Dibromochloromethane	ND< 20.0	1,1,2-Trichloroethane	ND< 20.0
1,1-Dichloroethane	ND< 20.0	Trichloroethene	334
1,2-Dichloroethane	ND< 20.0	Trichlorofluoromethane	ND< 20.0
1,1-Dichloroethene	ND< 20.0	Vinyl chloride	ND< 20.0
Chlorobenzene	ND< 20.0	1,3-Dichlorobenzene	ND< 20.0
1,2-Dichlorobenzene	ND< 20.0	1,4-Dichlorobenzene	ND< 20.0
cis-1,2-Dichloroethene	45.1		


ELAP Number 10958

Method: EPA 8260B

Data File: V59669.D

Comments: ND denotes Non Detect  
ug / L = microgram per Liter

Signature: \_\_\_\_\_

  
Bruce Hoogesteger: Technical Director

# PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue  
Rochester, NY 14608  
(585) 647-2530 • (800) 724-1997  
FAX: (585) 647-3311

## CHAIN OF CUSTODY

REPORT TO:

INVOICE TO:

COMPANY: <b>DAY ENVIRONMENTAL</b>	COMPANY:	LAB PROJECT #: <b>08-3216</b>	CLIENT PROJECT #:
ADDRESS: <b>40 Commercial St</b>	ADDRESS:		
CITY: <b>Rochester</b> STATE: <b>NY</b> ZIP: <b>14614</b>	CITY: STATE: ZIP:	TURNAROUND TIME: (WORKING DAYS)	
PHONE: <b>454 0210</b> FAX:	PHONE: FAX:	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input checked="" type="checkbox"/> 5 <input type="checkbox"/> OTHER	
ATTN: <b>NATE SIMON</b>	ATTN:	QUOTE #:	
COMMENTS: <b>NSimon@daymail.net</b>			

PROJECT NAME/SITE NAME:

**3681r-05**

### REQUESTED ANALYSIS

DATE	TIME	COMPOSITE	GRA B	SAMPLE LOCATION/FIELD ID	MATRIX	CONUTM B E N E R S	Halogenated VOC's	Via USEPA 8260	Tot. Cr	REMARKS	PARADIGM LAB SAMPLE NUMBER
1 <b>9/5/08</b>	<b>1130</b>		<b>X</b>	<b>MW-8</b>	<b>Aq</b>	<b>3</b>	<b>X</b>		<b>X</b>	<b>INCLUDE RESULTS for</b>	<b>10502</b>
2										<b>CIS 1,2-DCE</b>	
3											
4											
5											
6											
7											
8											
9											
10											

**\*\*LAB USE ONLY BELOW THIS LINE\*\***

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance
Container Type: Comments: _____	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
Preservation: Comments: _____	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
Holding Time: Comments: _____	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
Temperature: <b>24°C</b> Comments: _____	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>

<i>El Miller</i>	<b>9/5/08 1130</b>	Total Cost: <input type="text"/>
Sampled By	Date/Time	
<i>El Miller</i>	<b>9/5/08 1146</b>	P.I.F. <input type="text"/>
Relinquished By	Date/Time	
<i>Elizabeth A. Honch</i>	<b>9/5/08 1146</b>	
Received By	Date/Time	
<i>Elizabeth A. Honch</i>	<b>9/5/08 1630</b>	
Received @ Lab By	Date/Time	

## Analytical Report Cover Page

### Day Environmental

For Lab Project # 08-3209

Issued September 12, 2008

This report contains a total of 3 pages

The reported results relate only to the samples as they have been received by the laboratory.

Any noncompliant QC parameters having impact on the data are flagged or documented on the final report.

All soil or solid samples have been reported on a dry weight basis, unless qualified "reported as received".

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The Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt. Sample condition requirements are defined under the 2003 NELAC Standard, sections 5.5.8.3.1 and 5.5.8.3.2.

NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified.

Data qualifiers are used, when necessary, to provide additional information about the data. This information may be communicated as a flag or as text at the bottom of the report. Please refer to the following list of frequently used data flags and their meaning:

**"ND" = analyzed for but not detected.**

**"E" = Result has been estimated, calibration limit exceeded.**

**"D" = Duplicate results outside QC limits. May indicate a non-homogenous matrix.**

**"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.**

**"B" = Method blank contained trace levels of analyte. Refer to included method blank report.**



Client: Day Environmental Inc

Lab Project No.: 08-3209

Client Job Site: N/A

Sample Type: Water  
Method: EPA 200.7

Client Job No.: 3681R-05

Date(s) Sampled: 09/05/2008  
Date Received: 09/05/2008  
Date Analyzed: 09/11/2008

### Laboratory Report for Metals Analysis in Water

Lab Sample No.	Field ID No.	Field Location	Chromium Results (mg/L)
10485	N/A	MM-INF	0.033
10486	N/A	MM D-1 T-1 EFF	0.020
10487	N/A	MM D-1 T-2 EFF	0.012

ELAP ID No.: 10958

Comments:

Approved By:   
Bruce Hoogesteger, Technical Director



# PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue  
Rochester, NY 14608  
(585) 647-2530 • (800) 724-1997  
FAX: (585) 647-3311

## CHAIN OF CUSTODY

REPORT TO:		INVOICE TO:		LAB PROJECT #:	CLIENT PROJECT #:
COMPANY:	DAY Environmental Inc	COMPANY:		08-3209	3681R-05
ADDRESS:	40 Commercial St	ADDRESS:		TURNAROUND TIME: (WORKING DAYS)	
CITY:	Rochester	CITY:			
STATE:	Ny	STATE:			
ZIP:	14614	ZIP:			
PHONE:	454-0210 extn 109 / 454-0825	PHONE:			
FAX:		FAX:			
ATTN:	Nate Simon/Bart Kline	ATTN:	SAME		
COMMENTS:	Please E-mail Results			<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input checked="" type="checkbox"/> 5 <input type="checkbox"/> OTHER	
PROJECT NAME/SITE NAME:				QUOTE #:	

### REQUESTED ANALYSIS

DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	CONTAMINERS	TOTAL CF	REMARKS	PARADIGM LAB SAMPLE NUMBER
9/5/08	8:20		X	MM-INF	Ag	1	X		10485
9/5/08	8:25		X	MM D-1 T-1 EFF	Ag	1	X		10486
9/5/08	8:30		X	MM D-1 T-2 EFF	Ag	1	X		10487
4									
5									
6									
7									
8									
9									
10									

**\*\*LAB USE ONLY BELOW THIS LINE\*\***

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance	
Container Type:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments: _____		
Preservation: <i>ee EAH 9/5</i>	Y <input type="checkbox"/>	N <input checked="" type="checkbox"/>
Comments: <i>HNO3 added at lab</i>		
Holding Time:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments: _____		
Temperature: <i>10°C iced</i>	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments: <i>N/A b/c for metals only</i>		

*Nathan Simon* 9/5/08 8:30  
 Sampled By Date/Time  
*Bart Kline* 9/5/08 11:50  
 Relinquished By Date/Time  
*Elizabeth A. Honch* 9/5/08 11:50  
 Received By Date/Time  
 Received @ Lab By Date/Time

Total Cost:

P.I.F.

## Analytical Report Cover Page

### Day Environmental

For Lab Project # 08-3316

Issued September 19, 2008

This report contains a total of 3 pages

The reported results relate only to the samples as they have been received by the laboratory.

Any noncompliant QC parameters having impact on the data are flagged or documented on the final report.

All soil or solid samples have been reported on a dry weight basis, unless qualified "reported as received".

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The Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt. Sample condition requirements are defined under the 2003 NELAC Standard, sections 5.5.8.3.1 and 5.5.8.3.2.

NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified.

Data qualifiers are used, when necessary, to provide additional information about the data. This information may be communicated as a flag or as text at the bottom of the report. Please refer to the following list of frequently used data flags and their meaning:

**"ND" = analyzed for but not detected.**

**"E" = Result has been estimated, calibration limit exceeded.**

**"D" = Duplicate results outside QC limits. May indicate a non-homogenous matrix.**

**"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.**

**"B" = Method blank contained trace levels of analyte. Refer to included method blank report.**

**Client:** Day Environmental Inc.

**Lab Project No.:** 08-3316

**Client Job Site:** 95 Mt Read

**Sample Type:** Water  
**Method:** EPA 200.7

**Client Job No.:** 3681R-05

**Date(s) Sampled:** 09/12/2008  
**Date Received:** 09/12/2008  
**Date Analyzed:** 09/17/2008

**Laboratory Report for Metals Analysis in Water**

Lab Sample No.	Field ID No.	Field Location	Chromium Results (mg/L)
10785	N/A	MM-INF	0.036
10786	N/A	MM D-1 T-1 EFF	0.012
10787	N/A	MM D-1 T-2 EFF	0.014 D

ELAP ID No.: 10958

Comments:

**Approved By:** *Bruce Hoogesteger*  
Bruce Hoogesteger, Technical Director

# PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue  
Rochester, NY 14608  
(585) 647-2530 • (800) 724-1997  
FAX: (585) 647-3311

## CHAIN OF CUSTODY

REPORT TO:				INVOICE TO:			
COMPANY: Day Environmental Inc		ADDRESS: 40 Commercial St		COMPANY:		ADDRESS:	
CITY: Rochester		STATE: NY		CITY:		STATE: ZIP:	
PHONE: 454-0210		FAX: 454-0825		PHONE: SAME		FAX:	
PROJECT NAME/SITE NAME: 95 Mt Read				ATTN: Nate Simon/Bart Kline			
COMMENTS: Please Email Results				QUOTE #:			
LAB PROJECT #: 08-3316		CLIENT PROJECT #: 3681R-05		TURNAROUND TIME: (WORKING DAYS)			
<input type="checkbox"/> 1		<input type="checkbox"/> 2		<input type="checkbox"/> 3		<input checked="" type="checkbox"/> 5	
						STD OTHER	

### REQUESTED ANALYSIS

DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	CONTAINER	GENERATORS	Total Cr	REMARKS	PARADIGM LAB SAMPLE NUMBER
19/12/08	8:15		X	MM-INF	Ag	1		X		10785
29/12/08	8:20		X	MM D-1 T-1 EFF	Ag	1		X		10786
39/12/08	8:25		X	MM D-1 T-2 EFF	Ag	1		X		10787
4										
5										
6										
7										
8										
9										
10										

**\*\*LAB USE ONLY BELOW THIS LINE\*\***

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance	
Container Type:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments: _____		
Preservation:	Y <input type="checkbox"/>	N <input checked="" type="checkbox"/>
Comments: HNO3 added at lab		
Holding Time:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments: _____		
Temperature:	Y <input type="checkbox"/>	N <input type="checkbox"/>
Comments: 14°Ciced		

N/A ble for metals only

Nathan Simon 9/12/08 8:27  
 Sampled By Date/Time  
 Nathan Simon 9/12/08 9:40  
 Relinquished By Date/Time  
 [Signature] 9/12/08 9:40 am  
 Received By Date/Time  
 Elizabeth A. Honch 9/12/08 11:40  
 Received @ Lab By Date/Time

Total Cost:

P.I.F.

## Analytical Report Cover Page

Day Environmental

For Lab Project # 08-3442

Issued September 26, 2008

This report contains a total of 3 pages

The reported results relate only to the samples as they have been received by the laboratory.

Any noncompliant QC parameters having impact on the data are flagged or documented on the final report.

All soil or solid samples have been reported on a dry weight basis, unless qualified "reported as received".

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NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified.

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**"D" = Duplicate results outside QC limits. May indicate a non-homogenous matrix.**

**"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.**

**"B" = Method blank contained trace levels of analyte. Refer to included method blank report.**

<b>Client:</b>	<u>Day Environmental</u>	<b>Lab Project No.:</b>	08-3442
<b>Client Job Site:</b>	95 Mt Read	<b>Sample Type:</b>	Water
<b>Client Job No.:</b>	N/A	<b>Method:</b>	EPA 200.7
		<b>Date(s) Sampled:</b>	09/19/2008
		<b>Date Received:</b>	09/19/2008
		<b>Date Analyzed:</b>	09/26/2008

**Laboratory Report for Metals Analysis in Water**

Lab Sample No.	Field ID No.	Field Location	Chromium Results (mg/L)
11113	N/A	MM IN	0.233
11114	N/A	MM 6	0.432
11115	N/A	MM 1	0.031

ELAP ID No.: 10958

Comments:

**Approved By:**   
 Bruce Hoogesteger, Technical Director

# PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue  
Rochester, NY 14608  
(585) 647-2530 • (800) 724-1997  
FAX: (585) 647-3311

## CHAIN OF CUSTODY

REPORT TO:		INVOICE TO:	
COMPANY: DAY ENVIRONMENTAL	ADDRESS: 40 COMMERCIAL ST	COMPANY:	ADDRESS:
CITY: ROCHESTER STATE: NY ZIP: 14614	PHONE: 454 0210	CITY:	STATE: ZIP:
ATTN: NATE SIMON	COMMENTS:	ATTN:	COMMENTS:
PROJECT NAME/SITE NAME: 95 MT. READ	LAB PROJECT #: 08-3442		CLIENT PROJECT #:
TURNAROUND TIME: (WORKING DAYS)		QUOTE #:	
<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input checked="" type="checkbox"/> 5 <input type="checkbox"/> OTHER			

### REQUESTED ANALYSIS

DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	CONTAINERS	TOTAL CHROME	REMARKS	PARADIGM LAB SAMPLE NUMBER
1 9/19/08	245		X	MM IN	W	1	X		11113
2 ↓	↓		X	MM 6	W	1	X		11114
3 ↓	↓		X	MM 1	W	1	X		11115
4									
5									
6									
7									
8									
9									
10									

**\*\*LAB USE ONLY BELOW THIS LINE\*\***

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance
Container Type:	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
Comments:	
Preservation:	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
Comments:	
Holding Time:	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
Comments:	
Temperature:	Y <input type="checkbox"/> N <input type="checkbox"/>
Comments: 23°C - N/A	

b/c for metals only

Tom Roszak 9/19/08 245  
 Sampled By Date/Time  
 Tom Roszak 9/19/08 318  
 Relinquished By Date/Time  
 [Signature] 9/19/08 318 pm  
 Received By Date/Time  
 Elizabeth A. Honch 9/19/08 1700  
 Received @ Lab By Date/Time

Total Cost:

P.I.F.

## Analytical Report Cover Page

Day Environmental

For Lab Project # 08-3503

Issued October 3, 2008

This report contains a total of 7 pages

The reported results relate only to the samples as they have been received by the laboratory.

Any noncompliant QC parameters having impact on the data are flagged or documented on the final report.

All soil or solid samples have been reported on a dry weight basis, unless qualified "reported as received".

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NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified.

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**"D" = Duplicate results outside QC limits. May indicate a non-homogenous matrix.**

**"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.**

**"B" = Method blank contained trace levels of analyte. Refer to included method blank report.**





**Client:** Day Environmental, Inc.

**Lab Project No.:** 08-3503

**Client Job Site:** 95 Mt Read

**Sample Type:** Water  
**Method:** EPA 200.7

**Client Job No.:** 3681R-05

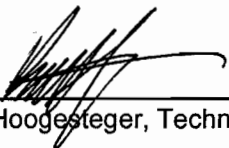
**Date(s) Sampled:** 09/26/2008  
**Date Received:** 09/26/2008  
**Date Analyzed:** 10/02/2008

**Laboratory Report for Metals Analysis in Water**

Lab Sample No.	Field ID No.	Field Location	Chromium Results (mg/L)
11290	N/A	MM-INF	0.060
11291	N/A	MM-D-1 T-1 EFF	0.041
11292	N/A	MM D-1 T-2 EFF	0.014
11296	N/A	SYS EFF	<0.010

ELAP ID No.: 10958

Comments:

**Approved By:**   
Bruce Hoogesteger, Technical Director



**Volatile Analysis Report for Non-potable Water**

Client: Day Environmental Inc

Client Job Site: 95 Mt Read

Lab Project Number: 08-3503

Lab Sample Number: 11293

Client Job Number: 6381R-05

Field Location: AC Train Inf

Date Sampled: 09/26/2008

Field ID Number: N/A

Date Received: 09/26/2008

Sample Type: Water

Date Analyzed: 10/02/2008

Halocarbons	Results in ug / L	Halocarbons	Results in ug / L
Bromodichloromethane	ND< 50.0	trans-1,2-Dichloroethene	ND< 50.0
Bromomethane	ND< 50.0	1,2-Dichloropropane	ND< 50.0
Bromoform	ND< 125	cis-1,3-Dichloropropene	ND< 50.0
Carbon Tetrachloride	ND< 50.0	trans-1,3-Dichloropropene	ND< 50.0
Chloroethane	ND< 50.0	Methylene chloride	ND< 125
Chloromethane	ND< 50.0	1,1,2,2-Tetrachloroethane	ND< 50.0
2-Chloroethyl vinyl Ether	ND< 250	Tetrachloroethene	ND< 50.0
Chloroform	ND< 50.0	1,1,1-Trichloroethane	ND< 50.0
Dibromochloromethane	ND< 50.0	1,1,2-Trichloroethane	ND< 50.0
1,1-Dichloroethane	ND< 50.0	Trichloroethene	ND< 50.0
1,2-Dichloroethane	ND< 50.0	Trichlorofluoromethane	ND< 50.0
1,1-Dichloroethene	ND< 50.0	Vinyl chloride	683
Chlorobenzene	ND< 50.0	1,3-Dichlorobenzene	ND< 50.0
1,2-Dichlorobenzene	ND< 50.0	1,4-Dichlorobenzene	ND< 50.0
cis-1,2-Dichloroethene	4,530		

ELAP Number 10958

Method: EPA 8260B

Data File: V60222.D

Comments: ND denotes Non Detect  
ug / L = microgram per Liter

Signature: \_\_\_\_\_

Bruce Hoogesteger, Technical Director



**Volatile Analysis Report for Non-potable Water**

Client: **Day Environmental Inc**

Client Job Site:	95 Mt Read	Lab Project Number:	08-3503
Client Job Number:	6381R-05	Lab Sample Number:	11294
Field Location:	AC D-1 T-1 Eff	Date Sampled:	09/26/2008
Field ID Number:	N/A	Date Received:	09/26/2008
Sample Type:	Water	Date Analyzed:	10/02/2008

Halocarbons	Results in ug / L	Halocarbons	Results in ug / L
Bromodichloromethane	ND< 2.00	trans-1,2-Dichloroethene	ND< 2.00
Bromomethane	ND< 2.00	1,2-Dichloropropane	ND< 2.00
Bromoform	ND< 5.00	cis-1,3-Dichloropropene	ND< 2.00
Carbon Tetrachloride	ND< 2.00	trans-1,3-Dichloropropene	ND< 2.00
Chloroethane	ND< 2.00	Methylene chloride	ND< 5.00
Chloromethane	ND< 2.00	1,1,2,2-Tetrachloroethane	ND< 2.00
2-Chloroethyl vinyl Ether	ND< 10.0	Tetrachloroethene	ND< 2.00
Chloroform	ND< 2.00	1,1,1-Trichloroethane	ND< 2.00
Dibromochloromethane	ND< 2.00	1,1,2-Trichloroethane	ND< 2.00
1,1-Dichloroethane	ND< 2.00	Trichloroethene	ND< 2.00
1,2-Dichloroethane	ND< 2.00	Trichlorofluoromethane	ND< 2.00
1,1-Dichloroethene	ND< 2.00	Vinyl chloride	19.1
Chlorobenzene	ND< 2.00	1,3-Dichlorobenzene	ND< 2.00
1,2-Dichlorobenzene	ND< 2.00	1,4-Dichlorobenzene	ND< 2.00
cis-1,2-Dichloroethene	ND< 2.00		

ELAP Number 10958

Method: EPA 8260B

Data File: V60223.D

Comments: ND denotes Non Detect  
ug / L = microgram per Liter

Signature: \_\_\_\_\_

Bruce Hoogsteger: Technical Director



**Volatile Analysis Report for Non-potable Water**

Client: Day Environmental Inc

Client Job Site:	95 Mt Read	Lab Project Number:	08-3503
Client Job Number:	6381R-05	Lab Sample Number:	11295
Field Location:	AC D-1 T-2 Eff	Date Sampled:	09/26/2008
Field ID Number:	N/A	Date Received:	09/26/2008
Sample Type:	Water	Date Analyzed:	10/01/2008

Halocarbons	Results in ug / L	Halocarbons	Results in ug / L
Bromodichloromethane	ND< 20.0	trans-1,2-Dichloroethene	ND< 20.0
Bromomethane	ND< 20.0	1,2-Dichloropropane	ND< 20.0
Bromoform	ND< 50.0	cis-1,3-Dichloropropene	ND< 20.0
Carbon Tetrachloride	ND< 20.0	trans-1,3-Dichloropropene	ND< 20.0
Chloroethane	ND< 20.0	Methylene chloride	ND< 50.0
Chloromethane	ND< 20.0	1,1,2,2-Tetrachloroethane	ND< 20.0
2-Chloroethyl vinyl Ether	ND< 100	Tetrachloroethene	ND< 20.0
Chloroform	ND< 20.0	1,1,1-Trichloroethane	ND< 20.0
Dibromochloromethane	ND< 20.0	1,1,2-Trichloroethane	ND< 20.0
1,1-Dichloroethane	ND< 20.0	Trichloroethene	ND< 20.0
1,2-Dichloroethane	ND< 20.0	Trichlorofluoromethane	ND< 20.0
1,1-Dichloroethene	ND< 20.0	Vinyl chloride	586
Chlorobenzene	ND< 20.0	1,3-Dichlorobenzene	ND< 20.0
1,2-Dichlorobenzene	ND< 20.0	1,4-Dichlorobenzene	ND< 20.0
cis-1,2-Dichloroethene	205		

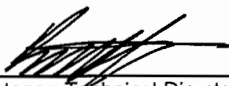
ELAP Number 10958

Method: EPA 8260B

Data File: V60205.D

Comments: ND denotes Non Detect  
ug / L = microgram per Liter

Signature: \_\_\_\_\_

  
Bruce Hoogesteger, Technical Director



**Volatile Analysis Report for Non-potable Water**

Client: Day Environmental Inc

Client Job Site: 95 Mt Read

Lab Project Number: 08-3503

Lab Sample Number: 11296

Client Job Number: 6381R-05

Field Location: SYS Eff

Date Sampled: 09/26/2008

Field ID Number: N/A

Date Received: 09/26/2008

Sample Type: Water

Date Analyzed: 10/02/2008

Halocarbons	Results in ug / L	Halocarbons	Results in ug / L
Bromodichloromethane	ND< 2.00	trans-1,2-Dichloroethene	ND< 2.00
Bromomethane	ND< 2.00	1,2-Dichloropropane	ND< 2.00
Bromoform	ND< 5.00	cis-1,3-Dichloropropene	ND< 2.00
Carbon Tetrachloride	ND< 2.00	trans-1,3-Dichloropropene	ND< 2.00
Chloroethane	ND< 2.00	Methylene chloride	ND< 5.00
Chloromethane	ND< 2.00	1,1,2,2-Tetrachloroethane	ND< 2.00
2-Chloroethyl vinyl Ether	ND< 10.0	Tetrachloroethene	ND< 2.00
Chloroform	ND< 2.00	1,1,1-Trichloroethane	ND< 2.00
Dibromochloromethane	ND< 2.00	1,1,2-Trichloroethane	ND< 2.00
1,1-Dichloroethane	ND< 2.00	Trichloroethene	ND< 2.00
1,2-Dichloroethane	ND< 2.00	Trichlorofluoromethane	ND< 2.00
1,1-Dichloroethene	ND< 2.00	Vinyl chloride	2.39
Chlorobenzene	ND< 2.00	1,3-Dichlorobenzene	ND< 2.00
1,2-Dichlorobenzene	ND< 2.00	1,4-Dichlorobenzene	ND< 2.00
cis-1,2-Dichloroethene	ND< 2.00		

ELAP Number 10958

Method: EPA 8260B

Data File: V60224.D

Comments: ND denotes Non Detect  
ug / L = microgram per Liter

Signature: \_\_\_\_\_

Bruce Hoogesteger: Technical Director

# PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue  
Rochester, NY 14608  
(585) 647-2530 • (800) 724-1997  
FAX: (585) 647-3311

## CHAIN OF CUSTODY

REPORT TO:		INVOICE TO:		LAB PROJECT #:	CLIENT PROJECT #:
COMPANY: DAY Environmental Inc	COMPANY:	LAB PROJECT #: 08-3503	CLIENT PROJECT #: 3681R-05		
ADDRESS: 40 Commercial St	ADDRESS:	TURNAROUND TIME: (WORKING DAYS)			
CITY: Rochester STATE: NY ZIP: 14614	CITY: SAME STATE: ZIP:				
PHONE: 454-0210 FAX: 454-0825	PHONE: FAX:				
PROJECT NAME/SITE NAME: 95 MT Road	ATTN: Nate Simon / Bart Kline	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input checked="" type="checkbox"/> 5 <input type="checkbox"/> OTHER			
COMMENTS: Please e-mail results	ATTN:	QUOTE #:			

### REQUESTED ANALYSIS

DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	CONUTAMINERS	TOTAL CS	HALO VOCs +	CIS-1,2 DCE	REMARKS	PARADIGM LAB SAMPLE NUMBER
9/26/08	8:15		X	MM-Inf	Ag	1	X				11290
9/26/08	8:17		X	MM-D-1 T-1 EFF		1	X				11291
9/26/08	8:19		X	MM-D-1 T-2 EFF		1	X				11292
9/26/08	8:21		X	AC Train Inf		2		X			11293
9/26/08	8:23		X	AC D-1 T-1 EFF		2		X			11294
9/26/08	8:25		X	AC D-1 T-2 EFF	↓	2		X			11295
9/26/08	8:28		X	SXS EFF	↓	3	X	X			11296
8											
9											
10											

**\*\*LAB USE ONLY BELOW THIS LINE\*\***

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance	
Container Type:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments: _____		
Preservation:	Y <input type="checkbox"/>	N <input checked="" type="checkbox"/>
Comments: HNO <sub>3</sub> added to met. at Lab.		
Holding Time:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments: _____		
Temperature:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments: 17°C		

Pres. begun in field

Sampled By: <i>Nate Simon</i>	Date/Time: 9/26/08 8:30	Total Cost: <input type="text"/>
Relinquished By: <i>Nate Simon</i>	Date/Time: 9/26/08 9:00	
Received By: <i>Emily Meyers</i>	Date/Time: 9/26/08 9:00am	P.I.F. <input type="text"/>
Received @ Lab By: <i>Emily Meyers</i>	Date/Time: 9/26/08 9:10	

## Analytical Report Cover Page

### Day Environmental

For Lab Project # 08-3647

Issued October 10, 2008

This report contains a total of 3 pages

The reported results relate only to the samples as they have been received by the laboratory.

Any noncompliant QC parameters having impact on the data are flagged or documented on the final report.

All soil or solid samples have been reported on a dry weight basis, unless qualified "reported as received".

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NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified.

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**"D" = Duplicate results outside QC limits. May indicate a non-homogenous matrix.**

**"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.**

**"B" = Method blank contained trace levels of analyte. Refer to included method blank report.**

**Client:** Day Environmental

**Lab Project No.:** 08-3647

**Client Job Site:** 95 Mt. Read

**Sample Type:** Water  
**Method:** EPA 200.7

**Client Job No.:** N/A


**Date(s) Sampled:** 10/03/2008  
**Date Received:** 10/03/2008  
**Date Analyzed:** 10/09/2008

**Laboratory Report for Metals Analysis in Water**

Lab Sample No.	Field ID No.	Field Location	Chromium Results (mg/L)
11659	N/A	INF	0.065
11660	N/A	MM1	0.116
11661	N/A	MM6	0.026

ELAP ID No.: 10958

Comments:

**Approved By:**   
Bruce Hoogesteger, Technical Director



# PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue  
Rochester, NY 14608  
(585) 647-2530 • (800) 724-1997  
FAX: (585) 647-3311

## CHAIN OF CUSTODY

PROJECT NAME/SITE NAME:

95 Mt. Road

REPORT TO:

INVOICE TO:

COMPANY: DAY ENVIRONMENTAL	COMPANY:	LAB PROJECT #: 08-3647	CLIENT PROJECT #:
ADDRESS: 40 COMMERCIAL ST	ADDRESS:	TURNAROUND TIME: (WORKING DAYS)	
CITY: ROCHESTER STATE: NY ZIP: 14614	CITY: SAME STATE: ZIP:	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input checked="" type="checkbox"/> 5 <input type="checkbox"/> OTHER	
PHONE: 585 454 0210 FAX:	PHONE: FAX:	QUOTE #:	
ATTN: NATE SIMON	ATTN:		
COMMENTS:			

### REQUESTED ANALYSIS

DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	CONUTABINERS	Total chrome									REMARKS	PARADIGM LAB SAMPLE NUMBER
10/3/08	11:00		X	INF	W	1	X										11659
2	↓		↓	MM 1	W	1	X										11660
3	↓		↓	MM 6	W	1	X										11661
4																	
5																	
6																	
7																	
8																	
9																	
10																	

\*\*LAB USE ONLY BELOW THIS LINE\*\*

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance	
Container Type:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments: _____		
Preservation:	Y <input type="checkbox"/>	N <input checked="" type="checkbox"/>
Comments: HNO <sub>3</sub> added at lab		
Holding Time:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments: _____		
Temperature:	Y <input type="checkbox"/>	N <input type="checkbox"/>
Comments: 21°C -N/A h/c for metal only		

T Rozek Tom Rozek 10/3/08 11:00  
 Sampled By \_\_\_\_\_ Date/Time \_\_\_\_\_  
 Relinquished By \_\_\_\_\_ Date/Time 10/3/08 12:30  
 Received By \_\_\_\_\_ Date/Time 10/3/08 12:30  
 Elizabeth A. Honch 10/3/08 1450  
 Received @ Lab By \_\_\_\_\_ Date/Time \_\_\_\_\_

Total Cost:

P.I.F.

## Analytical Report Cover Page

### Day Environmental

For Lab Project # 08-3939

Issued October 17, 2008

This report contains a total of 3 pages

The reported results relate only to the samples as they have been received by the laboratory.

Any noncompliant QC parameters having impact on the data are flagged or documented on the final report.

All soil or solid samples have been reported on a dry weight basis, unless qualified "reported as received".

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NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified.

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**"ND" = analyzed for but not detected.**

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**"D" = Duplicate results outside QC limits. May indicate a non-homogenous matrix.**

**"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.**

**"B" = Method blank contained trace levels of analyte. Refer to included method blank report.**

Client: Day Environmental

Lab Project No.: 08-3939

Client Job Site: N/A

 Sample Type: Water  
 Method: EPA 200.7

Client Job No.: N/A

 Date(s) Sampled: 10/10/2008  
 Date Received: 10/10/2008  
 Date Analyzed: 10/17/2008

**Laboratory Report for Metals Analysis in Water**

Lab Sample No.	Field ID No.	Field Location	Chromium Results (mg/L)
11997	N/A	Influent	0.092
11998	N/A	MM1 EFF	0.023
11999	N/A	MM2 EFF	0.048

ELAP ID No.: 10958

Comments:

 Approved By:   
 Bruce Hoogesteger, Technical Director

# PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue  
Rochester, NY 14608  
(585) 647-2530 • (800) 724-1997  
FAX: (585) 647-3311

## CHAIN OF CUSTODY

REPORT TO:				INVOICE TO:			
COMPANY: <i>DAY ENVIRONMENTAL</i>	ADDRESS: <i>40 Commercial St</i>			COMPANY:	ADDRESS:		
CITY: <i>Rochester</i>	STATE: <i>NY</i>	ZIP: <i>14614</i>	PHONE: <i>454-0210</i>	CITY:	STATE:	ZIP:	PHONE:
ATTN: <i>NATE SIMON</i>				ATTN:			
COMMENTS: <i>NSIMON@DAYMAIL.NET</i>				COMMENTS:			
PROJECT NAME/SITE NAME:				LAB PROJECT #: <i>08-3939</i>			
				CLIENT PROJECT #:			
				TURNAROUND TIME: (WORKING DAYS)			
				<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input checked="" type="checkbox"/> 5 <input type="checkbox"/> OTHER			
				QUOTE #:			

### REQUESTED ANALYSIS

DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	CONUTMABENERS	Total Cr	REMARKS										PARADIGM LAB SAMPLE NUMBER				
1	10/10/08		X	INFLUENT	Aq	1	X											1	1	9	9	7
2	9:45		X	MM1 EFF	Aq	1	X											1	1	9	9	8
3	9:45		X	MM2 EFF	Aq	1	X											1	1	9	9	9
4																						
5																						
6																						
7																						
8																						
9																						
10																						

**\*\*LAB USE ONLY BELOW THIS LINE\*\***

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance	
Container Type:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments: _____		
Preservation:	Y <input type="checkbox"/>	N <input checked="" type="checkbox"/>
Comments: <i>HNO3 added at lab</i>		
Holding Time:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments: _____		
Temperature:	Y <input type="checkbox"/>	N <input type="checkbox"/>
Comments: <i>21°C -N/A ble for metals only</i>		

<i>Gl Miller</i>	10/10/08 9:45	Total Cost: <input type="text"/>
Sampled By	Date/Time	
<i>Gl Miller</i>	10/10/08 9:52	P.I.F. <input type="text"/>
Relinquished By	Date/Time	
<i>Elizabeth A. Honch</i>	10/10/08 11:35	
Received By	Date/Time	
Received @ Lab By	Date/Time	

## Analytical Report Cover Page

Day Environmental, Inc.

For Lab Project # 08-4088

Issued October 27, 2008

This report contains a total of 3 pages

The reported results relate only to the samples as they have been received by the laboratory.

Any noncompliant QC parameters having impact on the data are flagged or documented on the final report.

All soil or solid samples have been reported on a dry weight basis, unless qualified "reported as received".

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NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified.

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**"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.**

**"B" = Method blank contained trace levels of analyte. Refer to included method blank report.**



**Client:** Day Environmental, Inc.

**Lab Project No.:** 08-4088

**Client Job Site:** 95 Mt. Read

**Sample Type:** Water  
**Method:** EPA 200.7

**Client Job No.:** 3681R-05


**Date(s) Sampled:** 10/17/2008  
**Date Received:** 10/20/2008  
**Date Analyzed:** 10/23/2008

**Laboratory Report for Metals Analysis in Water**

Lab Sample No.	Field ID No.	Field Location	Chromium Results (mg/L)
12420	N/A	MM Inf	0.059
12421	N/A	MM Train #1 Drum #6	0.191
12422	N/A	MM Train #2 D-1	0.038

ELAP ID No.: 10958

Comments:

**Approved By:**   
Bruce Hoogesteger, Technical Director

# PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue  
Rochester, NY 14608  
(585) 647-2530 • (800) 724-1997  
FAX: (585) 647-3311

## CHAIN OF CUSTODY

REPORT TO:

INVOICE TO:

COMPANY: DAY Environmental Inc	COMPANY:	LAB PROJECT #: 08-4088	CLIENT PROJECT #: 3681R-05
ADDRESS: 40 Commercial St	ADDRESS:	TURNAROUND TIME: (WORKING DAYS)	
CITY: Rochester STATE: NY ZIP: 14614	CITY: STATE: ZIP:	STD <input checked="" type="checkbox"/> 5 OTHER <input type="checkbox"/>	
PHONE: 454-0210 FAX: 454-0825	PHONE: FAX:	QUOTE #:	
ATTN: N. Simon / Bart Kline	ATTN:		
COMMENTS: Please E-mail Results			

PROJECT NAME/SITE NAME:

95 Mt Road

### REQUESTED ANALYSIS

DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	CONTAMINATORS	Total Cr	REMARKS	PARADIGM LAB SAMPLE NUMBER
10/17	15:40		X	MM INF	Ag	1	X		12420
2 10/17	15:45		X	MM Train #1 Drum #6	Ag	1	X		12421
3 10/17	15:50		X	MM Train #2 D-1	Ag	1	X		12422
4									
5									
6									
7									
8									
9									
10									

\*\*LAB USE ONLY BELOW THIS LINE\*\*

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance
Container Type:	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
Comments:	
Preservation:	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
Comments:	
Holding Time:	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
Comments:	
Temperature:	Y <input type="checkbox"/> N <input type="checkbox"/>
Comments:	14°C - N/A b/c for metals only

Nathan Simon 10/17/08 @ 15:40  
 Sampled By Date/Time  
 Nathan Simon 10/20/08 @ 4:34  
 Relinquished By Date/Time  
 Elizabeth A. Honch 10/20/08 16:34  
 Received By Date/Time  
 Received @ Lab By Date/Time

Total Cost:

P.I.F.

## Analytical Report Cover Page

### Day Environmental

For Lab Project # 08-4118  
Issued October 28, 2008  
This report contains a total of 3 pages

The reported results relate only to the samples as they have been received by the laboratory.

Any noncompliant QC parameters having impact on the data are flagged or documented on the final report.

All soil or solid samples have been reported on a dry weight basis, unless qualified "reported as received".

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**"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.**

**"B" = Method blank contained trace levels of analyte. Refer to included method blank report.**



**Client:** Day Environmental
**Lab Project No.:** 08-4118

**Client Job Site:** N/A

**Sample Type:** Water

**Method:** EPA 200.7

**Client Job No.:** N/A

**Date(s) Sampled:** 10/21/2008

**Date Received:** 10/22/2008


**Date Analyzed:** 10/28/2008

**Laboratory Report for Metals Analysis in Water**

Lab Sample No.	Field ID No.	Field Location	Chromium Results (mg/L)
12482	N/A	EW-1	2.75
12483	N/A	EW-2	1.79
12484	N/A	EW-3	<0.010
12485	N/A	EW-4	<0.010

ELAP ID No.: 10958

Comments:

**Approved By:**   
 Bruce Hoogesteger, Technical Director

# PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue  
Rochester, NY 14608  
(585) 647-2530 • (800) 724-1997  
FAX: (585) 647-3311

## CHAIN OF CUSTODY

REPORT TO:				INVOICE TO:			
COMPANY: <b>DAY ENVIRONMENTAL</b>	ADDRESS: <b>40 Commercial St</b>			COMPANY:	ADDRESS:		
CITY: <b>Rochester</b>	STATE: <b>NY</b>	ZIP: <b>14614</b>	PHONE: <b>454-0210</b>	CITY:	STATE:	ZIP:	PHONE:
ATTN: <b>NATE SIMON</b>				ATTN:			
COMMENTS: <b>SEND Results VIA E-MAIL to NSIMON@DAYMAIL.NET</b>				COMMENTS:			
PROJECT NAME/SITE NAME:				LAB PROJECT #: <b>08-4118</b>			
CLIENT PROJECT #:				TURNAROUND TIME: (WORKING DAYS)			
				<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input checked="" type="checkbox"/> 5 <input type="checkbox"/> OTHER			
				QUOTE #:			

### REQUESTED ANALYSIS

DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	CONTAMINANT	Total Cr											REMARKS	PARADIGM LAB SAMPLE NUMBER					
																			1	2	4	8	2	
1	10/21/08		X	EW-1	W	1	X												1	2	4	8	2	
2	10/21/08		X	EW-2	W	1	X												1	2	4	8	3	
3	10/21/08		X	EW-3	W	1	X												1	2	4	8	4	
4	10/21/08		X	EW-4	W	1	X												1	2	4	8	5	
5																								
6																								
7																								
8																								
9																								
10																								

**\*\*LAB USE ONLY BELOW THIS LINE\*\***

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance	
Container Type:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments:		
Preservation:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments:		
Holding Time:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments:		
Temperature:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments:	5°Ciced	

*El Miller* 10/21/08 1500  
 Sampled By Date/Time  
*El Miller* 10/22/08 1000  
 Relinquished By Date/Time  
*El Miller* 10/22/08 1000  
 Received By Date/Time  
*Elizabeth A. Honch* 10/22/08 1045  
 Received @ Lab By Date/Time

Total Cost:

P.I.F.

## Analytical Report Cover Page

### Day Environmental

For Lab Project # 08-4203

Issued October 31, 2008

This report contains a total of 3 pages

The reported results relate only to the samples as they have been received by the laboratory.

Any noncompliant QC parameters having impact on the data are flagged or documented on the final report.

All soil or solid samples have been reported on a dry weight basis, unless qualified "reported as received".

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**"B" = Method blank contained trace levels of analyte. Refer to included method blank report.**



Client: Day Environmental

Lab Project No.: 08-4203

Client Job Site: Mt. Read

Sample Type: Water  
Method: EPA 200.7

Client Job No.: 3681R-05

Date(s) Sampled: 10/24/2008  
Date Received: 10/27/2008  
Date Analyzed: 10/30/2008

### Laboratory Report for Metals Analysis in Water

Lab Sample No.	Field ID No.	Field Location	Chromium Results (mg/L)
12738	N/A	MM Inf	0.022
12739	N/A	MM Eff T-1 D-6	0.012
12740	N/A	MM Eff T-2 D-1	0.012

ELAP ID No.: 10958

Comments:

Approved By:   
Bruce Hoogsteger, Technical Director

# PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue  
Rochester, NY 14608  
(585) 647-2530 • (800) 724-1997  
FAX: (585) 647-3311

## CHAIN OF CUSTODY

REPORT TO:

INVOICE TO:

COMPANY: DAY Environmental	COMPANY:	LAB PROJECT #: 08-4203	CLIENT PROJECT #: 3681205
ADDRESS: 40 Commercial St	ADDRESS:	TURNAROUND TIME: (WORKING DAYS)	
CITY: Rochester STATE: NY ZIP: 14614	CITY: SAME STATE: ZIP:	1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>	
PHONE: 454-0210 FAX: 454-0825	PHONE: FAX:	QUOTE #:	
ATTN: N. Simon / B. Kline	ATTN:		
COMMENTS: Please Email Results			

PROJECT NAME/SITE NAME:

MT Road

### REQUESTED ANALYSIS

DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	CONTAMINERS	Total Cr	REMARKS	PARADIGM LAB SAMPLE NUMBER
10/24	4:00		X	MM INF	Ag	1	X		12738
10/24	4:05		X	MM EFF T-1 D-6	Ag	1	X		12739
10/24	4:10		X	MM EFF T-2 D-1	Ag	1	X		12740
4									
5									
6									
7									
8									
9									
10									

**\*\*LAB USE ONLY BELOW THIS LINE\*\***

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance	
Container Type:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments:		
Preservation:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments:		
Holding Time:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments:		
Temperature: 110°C	Y <input type="checkbox"/>	N <input checked="" type="checkbox"/>
Comments:		

Sampled By: <i>Nathan Simon</i>	Date/Time: 10/24/08 4:00	Total Cost:	<input type="text"/>
Relinquished By: <i>Nathan Simon</i>	Date/Time: 10/27/08 4:33		
Received By: <i>Emily McE...</i>	Date/Time: 10/27/08 16:33	P.I.F.	<input type="text"/>
Received @ Lab By:	Date/Time:		

## Analytical Report Cover Page

### Day Environmental

For Lab Project # 08-4289

Issued November 10, 2008

This report contains a total of 7 pages

The reported results relate only to the samples as they have been received by the laboratory.

Any noncompliant QC parameters having impact on the data are flagged or documented on the final report.

All soil or solid samples have been reported on a dry weight basis, unless qualified "reported as received".

Each page of this document is part of a multipage report. This document may not be reproduced except in its entirety, without the prior consent of Paradigm Environmental Services, Inc.

The Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt. Sample condition requirements are defined under the 2003 NELAC Standard, sections 5.5.8.3.1 and 5.5.8.3.2.

NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified.

Data qualifiers are used, when necessary, to provide additional information about the data. This information may be communicated as a flag or as text at the bottom of the report. Please refer to the following list of frequently used data flags and their meaning:

**"ND" = analyzed for but not detected.**

**"E" = Result has been estimated, calibration limit exceeded.**

**"D" = Duplicate results outside QC limits. May indicate a non-homogenous matrix.**

**"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.**

**"B" = Method blank contained trace levels of analyte. Refer to included method blank report.**

**Client:** Day Environmental, Inc.
**Lab Project No.:** 08-4289

**Client Job Site:** Mt. Read

**Sample Type:** Water  
**Method:** EPA 200.7

**Client Job No.:** 3681R-05

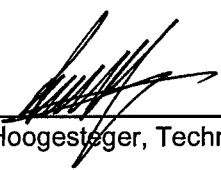
**Date(s) Sampled:** 10/31/08 - 11/03/08  
**Date Received:** 11/03/2008  
**Date Analyzed:** 11/05/2008

**Laboratory Report for Metals Analysis in Water**

Lab Sample No.	Field ID No.	Field Location	Chromium Results (mg/L)
12983	N/A	MM - Inf	0.106
12984	N/A	MM - Eff T-1 D-6	0.116
12985	N/A	MM Eff T-2 D-1	0.018
12986	N/A	Effluent	<0.010

ELAP ID No.: 10958

Comments:

**Approved By:**
  
 Bruce Hoogesteger, Technical Director

**Volatile Analysis Report for Non-potable Water**Client: **Day Environmental, Inc.**

Client Job Site: Mt. Read

Lab Project Number: 08-4289

Lab Sample Number: 12986

Client Job Number: 3681R-05

Field Location: Effluent

Date Sampled: 11/03/2008

Field ID Number: N/A

Date Received: 11/03/2008

Sample Type: Water

Date Analyzed: 11/06/2008

Halocarbons	Results in ug / L	Halocarbons	Results in ug / L
Bromodichloromethane	ND< 2.00	trans-1,2-Dichloroethene	ND< 2.00
Bromomethane	ND< 2.00	1,2-Dichloropropane	ND< 2.00
Bromoform	ND< 5.00	cis-1,3-Dichloropropene	ND< 2.00
Carbon Tetrachloride	ND< 2.00	trans-1,3-Dichloropropene	ND< 2.00
Chloroethane	ND< 2.00	Methylene chloride	ND< 5.00
Chloromethane	ND< 2.00	1,1,2,2-Tetrachloroethane	ND< 2.00
2-Chloroethyl vinyl Ether	ND< 10.0	Tetrachloroethene	ND< 2.00
Chloroform	ND< 2.00	1,1,1-Trichloroethane	ND< 2.00
Dibromochloromethane	ND< 2.00	1,1,2-Trichloroethane	ND< 2.00
1,1-Dichloroethane	ND< 2.00	Trichloroethene	ND< 2.00
1,2-Dichloroethane	ND< 2.00	Trichlorofluoromethane	ND< 2.00
1,1-Dichloroethene	ND< 2.00	Vinyl chloride	2.45
Chlorobenzene	ND< 2.00	1,3-Dichlorobenzene	ND< 2.00
1,2-Dichlorobenzene	ND< 2.00	1,4-Dichlorobenzene	ND< 2.00
cis-1,2-Dichloroethene	ND< 2.00		

ELAP Number 10958

Method: EPA 8260B

Data File: V61351.D

Comments: ND denotes Non Detect  
ug / L = microgram per Liter

Signature: \_\_\_\_\_

Bruce Hoogesteger, Technical Director



**Volatile Analysis Report for Non-potable Water**Client: **Day Environmental, Inc.**

Client Job Site: Mt. Read

Lab Project Number: 08-4289

Lab Sample Number: 12987

Client Job Number: 3681R-05

Field Location: GAC T-1 D-1

Date Sampled: 11/03/2008

Field ID Number: N/A

Date Received: 11/03/2008

Sample Type: Water

Date Analyzed: 11/06/2008

Halocarbons	Results in ug / L	Halocarbons	Results in ug / L
Bromodichloromethane	ND< 2.00	trans-1,2-Dichloroethene	ND< 2.00
Bromomethane	ND< 2.00	1,2-Dichloropropane	ND< 2.00
Bromoform	ND< 5.00	cis-1,3-Dichloropropene	ND< 2.00
Carbon Tetrachloride	ND< 2.00	trans-1,3-Dichloropropene	ND< 2.00
Chloroethane	ND< 2.00	Methylene chloride	ND< 5.00
Chloromethane	ND< 2.00	1,1,2,2-Tetrachloroethane	ND< 2.00
2-Chloroethyl vinyl Ether	ND< 10.0	Tetrachloroethene	ND< 2.00
Chloroform	ND< 2.00	1,1,1-Trichloroethane	ND< 2.00
Dibromochloromethane	ND< 2.00	1,1,2-Trichloroethane	ND< 2.00
1,1-Dichloroethane	ND< 2.00	Trichloroethene	ND< 2.00
1,2-Dichloroethane	ND< 2.00	Trichlorofluoromethane	ND< 2.00
1,1-Dichloroethene	ND< 2.00	Vinyl chloride	131
Chlorobenzene	ND< 2.00	1,3-Dichlorobenzene	ND< 2.00
1,2-Dichlorobenzene	ND< 2.00	1,4-Dichlorobenzene	ND< 2.00
cis-1,2-Dichloroethene	23.4		

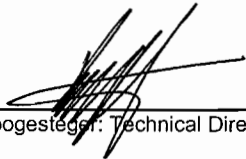
ELAP Number 10958

Method: EPA 8260B

Data File: V61352.D

Comments: ND denotes Non Detect  
ug / L = microgram per Liter

Signature: \_\_\_\_\_

  
 Bruce Hoogesteger, Technical Director



**Volatile Analysis Report for Non-potable Water**

**Client:** Day Environmental, Inc.

**Client Job Site:** Mt. Read

**Lab Project Number:** 08-4289

**Lab Sample Number:** 12988

**Client Job Number:** 3681R-05

**Field Location:** GAC T-2 D-1

**Date Sampled:** 11/03/2008

**Field ID Number:** N/A

**Date Received:** 11/03/2008

**Sample Type:** Water

**Date Analyzed:** 11/07/2008

<b>Halocarbons</b>	<b>Results in ug / L</b>	<b>Halocarbons</b>	<b>Results in ug / L</b>
Bromodichloromethane	ND< 10.0	trans-1,2-Dichloroethene	ND< 10.0
Bromomethane	ND< 10.0	1,2-Dichloropropane	ND< 10.0
Bromoform	ND< 25.0	cis-1,3-Dichloropropene	ND< 10.0
Carbon Tetrachloride	ND< 10.0	trans-1,3-Dichloropropene	ND< 10.0
Chloroethane	ND< 10.0	Methylene chloride	ND< 25.0
Chloromethane	ND< 10.0	1,1,2,2-Tetrachloroethane	ND< 10.0
2-Chloroethyl vinyl Ether	ND< 50.0	Tetrachloroethene	ND< 10.0
Chloroform	ND< 10.0	1,1,1-Trichloroethane	ND< 10.0
Dibromochloromethane	ND< 10.0	1,1,2-Trichloroethane	ND< 10.0
1,1-Dichloroethane	ND< 10.0	Trichloroethene	ND< 10.0
1,2-Dichloroethane	ND< 10.0	Trichlorofluoromethane	ND< 10.0
1,1-Dichloroethene	ND< 10.0	Vinyl chloride	479
Chlorobenzene	ND< 10.0	1,3-Dichlorobenzene	ND< 10.0
1,2-Dichlorobenzene	ND< 10.0	1,4-Dichlorobenzene	ND< 10.0
cis-1,2-Dichloroethene	122		

ELAP Number 10958

Method: EPA 8260B

Data File: V61381.D

Comments: ND denotes Non Detect  
ug / L = microgram per Liter

Signature: \_\_\_\_\_

Bruce Hoogesteger, Technical Director



**Volatile Analysis Report for Non-potable Water**

**Client:** Day Environmental, Inc.

**Client Job Site:** Mt. Read

**Lab Project Number:** 08-4289

**Lab Sample Number:** 12989

**Client Job Number:** 3681R-05

**Field Location:** GAC Train Influent

**Date Sampled:** 11/03/2008

**Field ID Number:** N/A

**Date Received:** 11/03/2008

**Sample Type:** Water

**Date Analyzed:** 11/07/2008

Halocarbons	Results in ug / L	Halocarbons	Results in ug / L
Bromodichloromethane	ND< 100	trans-1,2-Dichloroethene	ND< 100
Bromomethane	ND< 100	1,2-Dichloropropane	ND< 100
Bromoform	ND< 250	cis-1,3-Dichloropropene	ND< 100
Carbon Tetrachloride	ND< 100	trans-1,3-Dichloropropene	ND< 100
Chloroethane	ND< 100	Methylene chloride	ND< 250
Chloromethane	ND< 100	1,1,2,2-Tetrachloroethane	ND< 100
2-Chloroethyl vinyl Ether	ND< 500	Tetrachloroethene	2,040
Chloroform	ND< 100	1,1,1-Trichloroethane	ND< 100
Dibromochloromethane	ND< 100	1,1,2-Trichloroethane	ND< 100
1,1-Dichloroethane	ND< 100	Trichloroethene	1,390
1,2-Dichloroethane	ND< 100	Trichlorofluoromethane	ND< 100
1,1-Dichloroethene	ND< 100	Vinyl chloride	677
Chlorobenzene	ND< 100	1,3-Dichlorobenzene	ND< 100
1,2-Dichlorobenzene	ND< 100	1,4-Dichlorobenzene	ND< 100
cis-1,2-Dichloroethene	2,480		

ELAP Number 10958

Method: EPA 8260B

Data File: V61382.D

Comments: ND denotes Non Detect  
ug / L = microgram per Liter

Signature: \_\_\_\_\_

  
Bruce Hoogesteger, Technical Director

# PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue  
Rochester, NY 14608  
(585) 647-2530 • (800) 724-1997  
FAX: (585) 647-3311

## CHAIN OF CUSTODY

REPORT TO:

INVOICE TO:

COMPANY: DAY Environmental Inc	COMPANY:	LAB PROJECT #: 08-4289	CLIENT PROJECT #: 3681R-05
ADDRESS: 40 Commercial St	ADDRESS:	TURNAROUND TIME: (WORKING DAYS)	
CITY: Rochester STATE: NY ZIP: 14614	CITY: STATE: ZIP:	1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input checked="" type="checkbox"/> 5 <input type="checkbox"/>	
PHONE: 454-0210 FAX: 454-0825	PHONE: FAX:	STD OTHER	
ATTN: N. Simon / Bob Kline	ATTN:	QUOTE #:	
COMMENTS: Please Email results			

PROJECT NAME/SITE NAME:

MT Read

### REQUESTED ANALYSIS

DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	CONTAMINERS	Total Cr	Halogenated VOCs	VIA USEPA 8260	TCIS 1,2 DCE	REMARKS	PARADIGM LAB SAMPLE NUMBER
1 10/31	4:00		X	MM-INF	Aq	1	X					12983
2 10/31	4:10		X	MM-EFF T-1 D-6	Aq	1	X					12984
3 10/31	4:05		X	MM EFF T-2 D-1	Aq	1	X					12985
4 11/3/08	14:45		X	EFFLUENT	Aq	3	X	X				12986
5 11/3/08	14:47		X	GAC T-1 D-1	Aq	2	X					12987
6 11/3/08	14:49		X	GAC T-2 D-1	Aq	2	X					12988
7 11/3/08	14:52		X	GAC Train INFLUENT	Aq	2	X					12989
8												
9												
10												

\*\*LAB USE ONLY BELOW THIS LINE\*\*

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance
Container Type:	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
Comments:	
Preservation:	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
Comments:	
Holding Time:	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
Comments:	
Temperature:	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
Comments: 6°Ciced	

Nathan Simon 10/31/08 4:00 PM  
 Sampled By \_\_\_\_\_ Date/Time \_\_\_\_\_ Total Cost:

[Signature] 11/3/08 15:25  
 Relinquished By \_\_\_\_\_ Date/Time \_\_\_\_\_

Received By Elizabeth A. Honch 11/3/08 16:25 P.I.F.

Received @ Lab By \_\_\_\_\_ Date/Time \_\_\_\_\_

## Analytical Report Cover Page

### Day Environmental

For Lab Project # 08-4378

Issued November 12, 2008

This report contains a total of 3 pages

The reported results relate only to the samples as they have been received by the laboratory.

Any noncompliant QC parameters having impact on the data are flagged or documented on the final report.

All soil or solid samples have been reported on a dry weight basis, unless qualified "reported as received".

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NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified.

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**"D" = Duplicate results outside QC limits. May indicate a non-homogenous matrix.**

**"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.**

**"B" = Method blank contained trace levels of analyte. Refer to included method blank report.**

Client: Day Environmental, Inc.

Lab Project No.: 08-4378

Client Job Site: Mt. Read

 Sample Type: Water  
 Method: EPA 200.7

Client Job No.: 3681R-05

 Date(s) Sampled: 11/07/2008  
 Date Received: 11/07/2008  
 Date Analyzed: 11/11/2008

**Laboratory Report for Metals Analysis in Water**

Lab Sample No.	Field ID No.	Field Location	Chromium Results (mg/L)
13257	N/A	MM Inf.	0.105
13258	N/A	MM Eff. T-1 D-6	0.202
13259	N/A	MM Eff. T-2 D-1	0.037

ELAP ID No.: 10958

Comments:

 Approved By:   
 Bruce Hoogesteger, Technical Director

# PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue  
Rochester, NY 14608  
(585) 647-2530 • (800) 724-1997  
FAX: (585) 647-3311

## CHAIN OF CUSTODY

REPORT TO:

INVOICE TO:

COMPANY: <u>Day Environmental Inc</u>	COMPANY:	LAB PROJECT #: <u>08-4378</u>	CLIENT PROJECT #: <u>3681R05</u>
ADDRESS: <u>40 Commercial St</u>	ADDRESS:	TURNAROUND TIME: (WORKING DAYS)	
CITY: <u>Rochester</u> STATE: <u>NY</u> ZIP: <u>14614</u>	CITY: <u>SAME</u> STATE: ZIP:	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input checked="" type="checkbox"/> 5 <input type="checkbox"/> OTHER	
PHONE: <u>454-0210</u> FAX: <u>454-0825</u>	PHONE: FAX:	QUOTE #:	
ATTN: <u>N. Simon / B. Kline</u>	ATTN:		
COMMENTS: <u>Please Email Results</u>			

PROJECT NAME/SITE NAME:

MT Read

### REQUESTED ANALYSIS

DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	CONUTAMINERS	Total C	REMARKS	PARADIGM LAB SAMPLE NUMBER
<u>11/7</u>	<u>12:40</u>		<u>X</u>	<u>MM INF</u>	<u>Ag</u>	<u>1</u>	<u>X</u>		<u>13257</u>
<u>2 11/7</u>	<u>12:45</u>		<u>X</u>	<u>MM EFF T-1 D-6</u>	<u>Ag</u>	<u>1</u>	<u>X</u>		<u>13258</u>
<u>3 11/7</u>	<u>12:50</u>		<u>X</u>	<u>MM EFF T-2 D-1</u>	<u>Ag</u>	<u>1</u>	<u>X</u>		<u>13259</u>
<u>4</u>									
<u>5</u>									
<u>6</u>									
<u>7</u>									
<u>8</u>									
<u>9</u>									
<u>10</u>									

**\*\*LAB USE ONLY BELOW THIS LINE\*\***

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance	
Container Type:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments: _____		
Preservation:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments: _____		
Holding Time:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments: _____		
Temperature:	Y <input type="checkbox"/>	N <input type="checkbox"/>
Comments: <u>22°C - NIA</u> <u>h/c for metals only</u>		

<u>Nathan Lema</u>	<u>11/7/08 12:50</u>	Total Cost: <input type="text"/>
Sampled By	Date/Time	
<u>El Miller</u>	<u>11/7/08 1350</u>	P.I.F. <input type="text"/>
Relinquished By	Date/Time	
<u>Elizabeth A. Honch</u>	<u>11/7/08 11:50am</u>	
Received By	Date/Time	
Received @ Lab By	Date/Time	

## Analytical Report Cover Page

### Day Environmental

For Lab Project # 08-4615

Issued December 4, 2008

This report contains a total of 3 pages

The reported results relate only to the samples as they have been received by the laboratory.

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All soil or solid samples have been reported on a dry weight basis, unless qualified "reported as received".

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**"D" = Duplicate results outside QC limits. May indicate a non-homogenous matrix.**

**"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.**

**"B" = Method blank contained trace levels of analyte. Refer to included method blank report.**



**Client:** Day Environmental

**Lab Project No.:** 08-4615

**Client Job Site:** Mt. Read

**Sample Type:** Water  
**Method:** EPA 200.7

**Client Job No.:** 3681R-05


**Date(s) Sampled:** 11/21/2008  
**Date Received:** 11/26/2008  
**Date Analyzed:** 12/03/2008

**Laboratory Report for Metals Analysis in Water**

Lab Sample No.	Field ID No.	Field Location	Chromium Results (mg/L)
13992	N/A	MM Inf	0.026
13993	N/A	MM T-1 D-6 Eff	0.100
13994	N/A	MM T-2 D-1 Eff	<0.010

ELAP ID No.: 10958

Comments:

**Approved By:**   
Bruce Hoogesteger, Technical Director

# PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue  
Rochester, NY 14608  
(585) 647-2530 • (800) 724-1997  
FAX: (585) 647-3311

## CHAIN OF CUSTODY

REPORT TO:

INVOICE TO:

COMPANY: DAY Environmental	COMPANY:	LAB PROJECT #: 08-4615	CLIENT PROJECT #: 3681R-05
ADDRESS: 40 Commercial St	ADDRESS:	TURNAROUND TIME: (WORKING DAYS)	
CITY: Rochester STATE: NY ZIP: 14614	CITY: STATE: ZIP:	1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>	
PHONE: 454-0210 FAX: 454-0205	PHONE: FAX:	QUOTE #:	
ATTN: N. Simon / B. Kline	ATTN:	COMMENTS: Please Email Results	

PROJECT NAME/SITE NAME:

MT Road

### REQUESTED ANALYSIS

DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	CONTAINERS	Total Cr	REMARKS	PARADIGM LAB SAMPLE NUMBER
1 11/21/08	315		X	MM INF	Ag	1	X		13992
2 11/21/08	320		X	MM T-1 D-6 EFF	Ag	1	X		13993
3 11/21/08	3 <sup>25</sup>		X	MM T-2 D-1 EFF	Ag	1	X		13994
4									
5									
6									
7									
8									
9									
10									

**\*\*LAB USE ONLY BELOW THIS LINE\*\***

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance
Container Type: Comments: _____	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
Preservation: Comments: _____	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
Holding Time: Comments: _____	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
Temperature: Comments: 10°C - NIA b/c for metals only	Y <input type="checkbox"/> N <input type="checkbox"/>

Sampled By: Nathan Simon Date/Time: 11/21/08 3:30  
 Relinquished By: Nathan Simon Date/Time: 11/26/08 14:47  
 Received By: Elizabeth A. Honch Date/Time: 11/26/08 15:15  
 Received @ Lab By: \_\_\_\_\_ Date/Time: \_\_\_\_\_

Total Cost:

P.I.F.

## Analytical Report Cover Page

### Day Environmental

For Lab Project # 08-4718

Issued December 11, 2008

This report contains a total of 3 pages

The reported results relate only to the samples as they have been received by the laboratory.

Any noncompliant QC parameters having impact on the data are flagged or documented on the final report.

All soil or solid samples have been reported on a dry weight basis, unless qualified "reported as received".

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NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified.

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**"ND" = analyzed for but not detected.**

**"E" = Result has been estimated, calibration limit exceeded.**

**"D" = Duplicate results outside QC limits. May indicate a non-homogenous matrix.**

**"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.**

**"B" = Method blank contained trace levels of analyte. Refer to included method blank report.**

**Client:** Day Environmental, Inc.
**Lab Project No.:** 08-4718

**Client Job Site:** Mt. Read

**Sample Type:** Water  
**Method:** EPA 200.7

**Client Job No.:** 3681R-05

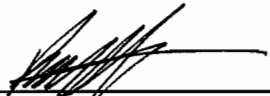
**Date(s) Sampled:** 11/26/2008  
**Date Received:** 12/05/2008  
**Date Analyzed:** 12/11/2008

**Laboratory Report for Metals Analysis in Water**

Lab Sample No.	Field ID No.	Field Location	Chromium Results (mg/L)
14281	N/A	MM INF	0.028
14282	N/A	MM EFF T-1 D-6	0.239
14283	N/A	MM EFF T-2 D-1	<0.010

ELAP ID No.: 10958

Comments:

**Approved By:**
  
 Bruce Hoogesteger, Technical Director

# PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue  
Rochester, NY 14608  
(585) 647-2530 • (800) 724-1997  
FAX: (585) 647-3311

## CHAIN OF CUSTODY

REPORT TO:

INVOICE TO:

COMPANY: DAY Environmental Inc	COMPANY:	LAB PROJECT #: 08-4718	CLIENT PROJECT #: 3681R-05
ADDRESS: 40 Commercial St	ADDRESS:	TURNAROUND TIME: (WORKING DAYS)	
CITY: Rochester STATE: NY ZIP: 14614	CITY: STATE: ZIP:	STD <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input checked="" type="checkbox"/> 5 <input type="checkbox"/> OTHER	
PHONE: 454-0210 FAX: 454-0825	PHONE: FAX:	QUOTE #:	
ATTN: N. Simon / B. Kline	ATTN:		
COMMENTS: Please Email results			

PROJECT NAME/SITE NAME:

MT Road

### REQUESTED ANALYSIS

DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	CONTAINERS	Total C6	REMARKS	PARADIGM LAB SAMPLE NUMBER
11/26/08	3:00		X	MM INF	Ag	1	X		14281
11/26/08	3:05		X	MM EFF T-1 D-6	Ag	1	X		14282
11/26/08	3:10		X	MM EFF T-2 D-1	Ag	1	X		14283
4									
5									
6									
7									
8									
9									
10									

\*\*LAB USE ONLY BELOW THIS LINE\*\*

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance
Container Type: Comments: _____	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
Preservation: Comments: _____	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
Holding Time: Comments: _____	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
Temperature: 20C Comments: _____	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>

Nathan Simon	11/26/08 3:15	Total Cost: <input type="text"/>
Sampled By	Date/Time	
Nathan Simon	12/5/08 3:25	P.I.F. <input type="text"/>
Relinquished By	Date/Time	
Emily McCreary	12/5/08 15:25	
Received By	Date/Time	
Emily McCreary	12/5/08 16:20	
Received @ Lab By	Date/Time	

## Analytical Report Cover Page

### Day Environmental

For Lab Project # 08-4638

Issued December 8, 2008

This report contains a total of 7 pages

The reported results relate only to the samples as they have been received by the laboratory.

Any noncompliant QC parameters having impact on the data are flagged or documented on the final report.

All soil or solid samples have been reported on a dry weight basis, unless qualified "reported as received".

Each page of this document is part of a multipage report. This document may not be reproduced except in its entirety, without the prior consent of Paradigm Environmental Services, Inc.

The Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt. Sample condition requirements are defined under the 2003 NELAC Standard, sections 5.5.8.3.1 and 5.5.8.3.2.

NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified.

Data qualifiers are used, when necessary, to provide additional information about the data. This information may be communicated as a flag or as text at the bottom of the report. Please refer to the following list of frequently used data flags and their meaning:

**"ND" = analyzed for but not detected.**

**"E" = Result has been estimated, calibration limit exceeded.**

**"D" = Duplicate results outside QC limits. May indicate a non-homogenous matrix.**

**"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.**

**"B" = Method blank contained trace levels of analyte. Refer to included method blank report.**

<b>Client:</b>	<u>Day Environmental, Inc.</u>	<b>Lab Project No.:</b>	08-4638
<b>Client Job Site:</b>	N/A	<b>Sample Type:</b>	Water
<b>Client Job No.:</b>	381R-05	<b>Method:</b>	EPA 200.7
		<b>Date(s) Sampled:</b>	12/01/2008
		<b>Date Received:</b>	12/01/2008
		<b>Date Analyzed:</b>	12/05/2008

**Laboratory Report for Metals Analysis in Water**

Lab Sample No.	Field ID No.	Field Location	Chromium Results (mg/L)
14068	N/A	Sys Eff	<0.010

ELAP ID No.: 10958

Comments:

**Approved By:**   
 Bruce Hoogesteger, Technical Director

**Volatile Analysis Report for Non-potable Water**Client: **Day Environmental Inc**

Client Job Site: N/A

Lab Project Number: 08-4638

Lab Sample Number: 14065

Client Job Number: 3681R-05

Field Location: AC Train Inf

Date Sampled: 12/01/2008

Field ID Number: N/A

Date Received: 12/01/2008

Sample Type: Water

Date Analyzed: 12/06/2008

Halocarbons	Results in ug / L	Halocarbons	Results in ug / L
Bromodichloromethane	ND< 20.0	trans-1,2-Dichloroethene	22.3
Bromomethane	ND< 20.0	1,2-Dichloropropane	ND< 20.0
Bromoform	ND< 50.0	cis-1,3-Dichloropropene	ND< 20.0
Carbon Tetrachloride	ND< 20.0	trans-1,3-Dichloropropene	ND< 20.0
Chloroethane	ND< 20.0	Methylene chloride	ND< 50.0
Chloromethane	ND< 20.0	1,1,2,2-Tetrachloroethane	ND< 20.0
2-Chloroethyl vinyl Ether	ND< 100	Tetrachloroethene	586
Chloroform	ND< 20.0	1,1,1-Trichloroethane	ND< 20.0
Dibromochloromethane	ND< 20.0	1,1,2-Trichloroethane	ND< 20.0
1,1-Dichloroethane	ND< 20.0	Trichloroethene	410
1,2-Dichloroethane	ND< 20.0	Trichlorofluoromethane	ND< 20.0
1,1-Dichloroethene	ND< 20.0	Vinyl chloride	223
Chlorobenzene	ND< 20.0	1,3-Dichlorobenzene	ND< 20.0
1,2-Dichlorobenzene	ND< 20.0	1,4-Dichlorobenzene	ND< 20.0
cis-1,2-Dichloroethene	1,430		

ELAP Number 10958

Method: EPA 8260B

Data File: V62056.D

Comments: ND denotes Non Detect

ug / L = microgram per Liter

Surrogate outliers indicate probable matrix interference

Signature: \_\_\_\_\_

Bruce Hoogesteger: Technical Director



**Volatile Analysis Report for Non-potable Water**Client: **Day Environmental Inc**

Client Job Site: N/A

Lab Project Number: 08-4638

Lab Sample Number: 14066

Client Job Number: 3681R-05

Field Location: AC D-1 T-1 Eff

Date Sampled: 12/01/2008

Field ID Number: N/A

Date Received: 12/01/2008

Sample Type: Water

Date Analyzed: 12/05/2008

Halocarbons	Results in ug / L	Halocarbons	Results in ug / L
Bromodichloromethane	ND< 2.00	trans-1,2-Dichloroethene	ND< 2.00
Bromomethane	ND< 2.00	1,2-Dichloropropane	ND< 2.00
Bromoform	ND< 5.00	cis-1,3-Dichloropropene	ND< 2.00
Carbon Tetrachloride	ND< 2.00	trans-1,3-Dichloropropene	ND< 2.00
Chloroethane	ND< 2.00	Methylene chloride	ND< 5.00
Chloromethane	ND< 2.00	1,1,2,2-Tetrachloroethane	ND< 2.00
2-Chloroethyl vinyl Ether	ND< 10.0	Tetrachloroethene	ND< 2.00
Chloroform	ND< 2.00	1,1,1-Trichloroethane	ND< 2.00
Dibromochloromethane	ND< 2.00	1,1,2-Trichloroethane	ND< 2.00
1,1-Dichloroethane	ND< 2.00	Trichloroethene	ND< 2.00
1,2-Dichloroethane	ND< 2.00	Trichlorofluoromethane	ND< 2.00
1,1-Dichloroethene	ND< 2.00	Vinyl chloride	207
Chlorobenzene	ND< 2.00	1,3-Dichlorobenzene	ND< 2.00
1,2-Dichlorobenzene	ND< 2.00	1,4-Dichlorobenzene	ND< 2.00
cis-1,2-Dichloroethene	97.9		

ELAP Number 10958

Method: EPA 8260B

Data File: V62035.D

Comments: ND denotes Non Detect  
ug / L = microgram per Liter

Signature: \_\_\_\_\_

  
 Bruce Hoogesteger: Technical Director

### Volatile Analysis Report for Non-potable Water

Client: Day Environmental Inc

Client Job Site: N/A	Lab Project Number: 08-4638	Lab Sample Number: 14067
Client Job Number: 3681R-05	Date Sampled: 12/01/2008	Date Received: 12/01/2008
Field Location: AC D-1 T-2 Eff	Date Analyzed: 12/06/2008	
Field ID Number: N/A		
Sample Type: Water		

Halocarbons	Results in ug / L	Halocarbons	Results in ug / L
Bromodichloromethane	ND< 10.0	trans-1,2-Dichloroethene	ND< 10.0
Bromomethane	ND< 10.0	1,2-Dichloropropane	ND< 10.0
Bromoform	ND< 25.0	cis-1,3-Dichloropropene	ND< 10.0
Carbon Tetrachloride	ND< 10.0	trans-1,3-Dichloropropene	ND< 10.0
Chloroethane	ND< 10.0	Methylene chloride	ND< 25.0
Chloromethane	ND< 10.0	1,1,2,2-Tetrachloroethane	ND< 10.0
2-Chloroethyl vinyl Ether	ND< 50.0	Tetrachloroethene	ND< 10.0
Chloroform	ND< 10.0	1,1,1-Trichloroethane	ND< 10.0
Dibromochloromethane	ND< 10.0	1,1,2-Trichloroethane	ND< 10.0
1,1-Dichloroethane	ND< 10.0	Trichloroethene	ND< 10.0
1,2-Dichloroethane	ND< 10.0	Trichlorofluoromethane	ND< 10.0
1,1-Dichloroethene	ND< 10.0	Vinyl chloride	322
Chlorobenzene	ND< 10.0	1,3-Dichlorobenzene	ND< 10.0
1,2-Dichlorobenzene	ND< 10.0	1,4-Dichlorobenzene	ND< 10.0
cis-1,2-Dichloroethene	457		

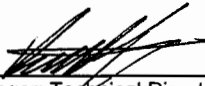
ELAP Number 10958

Method: EPA 8260B

Data File: V62057.D

Comments: ND denotes Non Detect  
ug / L = microgram per Liter

Signature:


  
 Bruce Hoogesteger: Technical Director



**Volatile Analysis Report for Non-potable Water**

Client: **Day Environmental Inc**

Client Job Site: N/A

Lab Project Number: 08-4638

Lab Sample Number: 14068

Client Job Number: 3681R-05

Field Location: SYS Eff

Date Sampled: 12/01/2008

Field ID Number: N/A

Date Received: 12/01/2008

Sample Type: Water

Date Analyzed: 12/05/2008

Halocarbons	Results in ug / L	Halocarbons	Results in ug / L
Bromodichloromethane	ND< 2.00	trans-1,2-Dichloroethene	ND< 2.00
Bromomethane	ND< 2.00	1,2-Dichloropropane	ND< 2.00
Bromoform	ND< 5.00	cis-1,3-Dichloropropene	ND< 2.00
Carbon Tetrachloride	ND< 2.00	trans-1,3-Dichloropropene	ND< 2.00
Chloroethane	ND< 2.00	Methylene chloride	ND< 5.00
Chloromethane	ND< 2.00	1,1,2,2-Tetrachloroethane	ND< 2.00
2-Chloroethyl vinyl Ether	ND< 10.0	Tetrachloroethene	ND< 2.00
Chloroform	ND< 2.00	1,1,1-Trichloroethane	ND< 2.00
Dibromochloromethane	ND< 2.00	1,1,2-Trichloroethane	ND< 2.00
1,1-Dichloroethane	ND< 2.00	Trichloroethene	ND< 2.00
1,2-Dichloroethane	ND< 2.00	Trichlorofluoromethane	ND< 2.00
1,1-Dichloroethene	ND< 2.00	Vinyl chloride	38.9
Chlorobenzene	ND< 2.00	1,3-Dichlorobenzene	ND< 2.00
1,2-Dichlorobenzene	ND< 2.00	1,4-Dichlorobenzene	ND< 2.00
cis-1,2-Dichloroethene	ND< 2.00		

ELAP Number 10958

Method: EPA 8260B

Data File: V62037.D

Comments: ND denotes Non Detect  
ug / L = microgram per Liter

Signature: \_\_\_\_\_

  
Bruce Hoogesteger: Technical Director

# PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue  
Rochester, NY 14608  
(585) 647-2530 • (800) 724-1997  
FAX: (585) 647-3311

## CHAIN OF CUSTODY

REPORT TO:

INVOICE TO:

COMPANY: DAY ENVIRONMENTAL INC	COMPANY:	LAB PROJECT #: 08-4638	CLIENT PROJECT #: 3681R-05
ADDRESS: 40 Commercial St	ADDRESS:	TURNAROUND TIME: (WORKING DAYS)	
CITY: Rochester STATE: NY ZIP: 14610	CITY: STATE: ZIP:	STP <input checked="" type="checkbox"/> 5 OTHER <input type="checkbox"/>	
PHONE: 454-0210 FAX: 454-0825	PHONE: SAME FAX:	QUOTE #:	
ATTN: N. Simon / B. Kline	ATTN:	PROJECT NAME/SITE NAME:	
COMMENTS: Please e-mail results			

### REQUESTED ANALYSIS

DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	CONTAMINERS	Tot Cr	Halo Vols + Cis	1,2 DCE	REMARKS	PARADIGM LAB SAMPLE NUMBER
1 12/1/08	14:55		X	Ac Train Inf	Aq	2	X				14065
2 ↓	↓		X	Ac D-1 T-1 EFF	Aq	2	X				14066
3 ↓	↓		X	Ac D-1 T-2 EFF	Aq	2	X				14067
4 ↓	↓		X	SYS EFF	Aq	3	X	X			14068
5 ↓	↓										
6											
7											
8											
9											
10											

\*\*LAB USE ONLY BELOW THIS LINE\*\*

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance	
Container Type:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments:		
Preservation:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments:		
Holding Time:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments:		
Temperature:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments: 6°C iced		

Sampled By: *El Miller* 12/01/08 14:55  
 Relinquished By: *El Miller* 12/01/08 15:15  
 Received By: *Elizabeth A. Honch* 12/1/08 15:15  
 Received @ Lab By: Elizabeth A. Honch 12/1/08 16:13

Total Cost:

P.I.F.



## Analytical Report Cover Page

Day Environmental, Inc.

For Lab Project # 08-4817

Issued December 19, 2008

This report contains a total of 3 pages

The reported results relate only to the samples as they have been received by the laboratory.

Any noncompliant QC parameters having impact on the data are flagged or documented on the final report.

All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

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**"D" = Duplicate results outside QC limits. May indicate a non-homogenous matrix.**

**"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.**

**"B" = Method blank contained trace levels of analyte. Refer to included method blank report.**

**Client:** Day Environmental, Inc.

**Lab Project No.:** 08-4817

**Client Job Site:** Mt. Read

**Sample Type:** Water  
**Method:** EPA 200.7

**Client Job No.:** 3681R-05

**Date(s) Sampled:** 12/05/2008  
**Date Received:** 12/12/2008  
**Date Analyzed:** 12/17-18/2008

**Laboratory Report for Metals Analysis in Water**

Lab Sample No.	Field ID No.	Field Location	Chromium Results (mg/L)
14612	N/A	MM Inf.	0.030
14613	N/A	MM Eff. T-1 D-6	0.338
14614	N/A	MM Eff. T-2 D-1	0.014

ELAP ID No.: 10958

Comments:

**Approved By:**   
Bruce Hoogesteger, Technical Director

# PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue  
Rochester, NY 14608  
(585) 647-2530 • (800) 724-1997  
FAX: (585) 647-3311

## CHAIN OF CUSTODY

REPORT TO:				INVOICE TO:			
COMPANY: DAY Environmental Inc.	ADDRESS: 40 Commercial St			COMPANY:	ADDRESS:		
CITY: Rochester NY	STATE:	ZIP: 14604	PHONE: 454-0210 ext 109 / 454 0825	CITY:	STATE:	ZIP:	PHONE: FAX:
ATTN: N Simon / B Kline				ATTN:			
COMMENTS: Please email results				COMMENTS:			
LAB PROJECT #: 08-4817				CLIENT PROJECT #: 3681R-05			
TURNAROUND TIME: (WORKING DAYS)				<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input checked="" type="checkbox"/> 5 <input type="checkbox"/> OTHER			
QUOTE #:				QUOTE #:			

PROJECT NAME/SITE NAME:

MT Read

### REQUESTED ANALYSIS

DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	CONUTMABENERS	Total CF	REMARKS	PARADIGM LAB SAMPLE NUMBER
12/5/08	3:45		X	MM INF	Ag	1	X		14612
12/5/08	3:50		X	MM EFF T-1 D-6	Ag	1	X		14613
12/5/08	3:55		X	MM EFF T-2 D-1	Ag	1	X		14614
4									
5									
6									
7									
8									
9									
10									

\*\*LAB USE ONLY BELOW THIS LINE\*\*

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance	
Container Type:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments:		
Preservation:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments:		
Holding Time:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments:		
Temperature:	Y <input type="checkbox"/>	N <input type="checkbox"/>
Comments: 8°C - N/A b/c for metals only		

<i>Nathan Simon</i>	12/5/08 @ 3:55	Total Cost:	<input type="text"/>
Sampled By	Date/Time		
<i>Nathan Simon</i>	12/12/08 3:30	P.I.F.	<input type="text"/>
Relinquished By	Date/Time		
<i>ESG</i>	12/12/08 1:530		
Received By	Date/Time		
<i>Elizabeth A Honch</i>	12/12/08 10:50		
Received @ Lab By	Date/Time		

## Analytical Report Cover Page

Day Environmental, Inc.

For Lab Project # 08-4925

Issued December 30, 2008

This report contains a total of 3 pages

The reported results relate only to the samples as they have been received by the laboratory.

Any noncompliant QC parameters having impact on the data are flagged or documented on the final report.

All soil or solid samples have been reported on a dry weight basis, unless qualified "reported as received".

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**Client:** Day Environmental, Inc.

**Lab Project No.:** 08-4925

**Client Job Site:** Mt. Read

**Sample Type:** Water  
**Method:** EPA 200.7

**Client Job No.:** 3681R-05

**Date(s) Sampled:** 12/12/2008  
**Date Received:** 12/24/2008  
**Date Analyzed:** 12/30/2008

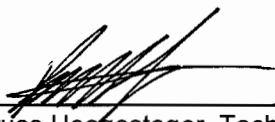
**Laboratory Report for Metals Analysis in Water**

Lab Sample No.	Field ID No.	Field Location	Chromium Results (mg/L)
14870	N/A	MM Inf	0.046
14871	N/A	MM Eff T-1 D-6	0.019
14872	N/A	MM Eff T-2 D-1	<0.010

ELAP ID No.: 10958

Comments:

Approved By: \_\_\_\_\_

  
 Bruce Hoogsteger, Technical Director

# PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue  
Rochester, NY 14608  
(585) 647-2530 • (800) 724-1997  
FAX: (585) 647-3311

## CHAIN OF CUSTODY

REPORT TO:

INVOICE TO:

COMPANY: DAY Environmental inc	COMPANY:	LAB PROJECT #: 08-4925	CLIENT PROJECT #: 3681R-05
ADDRESS: 40 Commercial St	ADDRESS:	TURNAROUND TIME: (WORKING DAYS)	
CITY: Rochester STATE: NY ZIP: 14614	CITY: STATE: ZIP:	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input checked="" type="checkbox"/> 5 <input type="checkbox"/> OTHER	
PHONE: 454-0210 FAX: 454-0805	PHONE: FAX:	QUOTE #:	
ATTN: N/Simon / B Kline	ATTN:		
COMMENTS: Please Email results			

PROJECT NAME/SITE NAME:

MT Road

### REQUESTED ANALYSIS

DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	CONTAINER	Total Cr	REMARKS	PARADIGM LAB SAMPLE NUMBER
1 12/12/08	3:45		X	MM INF	Ag	1	X		14870
2 12/12/08	3:50		X	MM EFF T-1 D-6	Ag	1	X		14871
3 12/12/08	3:55		X	MM EFF T-2 D-1	Ag	1	X		14872
4									
5									
6									
7									
8									
9									
10									

\*\*LAB USE ONLY BELOW THIS LINE\*\*

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance
Container Type:	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
Comments:	
Preservation:	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
Comments:	
Holding Time:	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
Comments:	
Temperature:	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
Comments:	3°Ciced

Sampled By: <i>Nathan Simon</i>	Date/Time: 12/12/08 c 3:55	Total Cost:	
Relinquished By: <i>Nathan Simon</i>	Date/Time: 12/24/08 c 10:27		
Received By: <i>Elizabeth A. Honch</i>	Date/Time: 12/24/08 12:00	P.I.F.:	
Received @ Lab By:	Date/Time:		

## Analytical Report Cover Page

Day Environmental

For Lab Project # 08-4924

Issued January 5, 2009

This report contains a total of 7 pages

The reported results relate only to the samples as they have been received by the laboratory.

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**"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.**

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**Client:** Day Environmental, Inc.
**Lab Project No.:** 08-4924

**Client Job Site:** Mt. Read

**Sample Type:** Water  
**Method:** EPA 200.7

**Client Job No.:** 3681R-05

**Date(s) Sampled:** 12/24/2008  
**Date Received:** 12/24/2008  
**Date Analyzed:** 12/30/2008

**Laboratory Report for Metals Analysis in Water**

Lab Sample No.	Field ID No.	Field Location	Chromium Results (mg/L)
14863	N/A	MM Inf	0.018
14864	N/A	MM Eff T-1 D-6	0.029
14865	N/A	MM Eff T-2 D-1	0.023
14866	N/A	Sys Eff	<0.010

ELAP ID No.: 10958

Comments:

**Approved By:**   
 Bruce Hoogesteger, Technical Director



**Volatile Analysis Report for Non-potable Water**

Client: **Day Environmental Inc**

Client Job Site: Mt Read

Lab Project Number: 08-4924

Lab Sample Number: 14866

Client Job Number: 3681R-05

Field Location: Sys Eff

Date Sampled: 12/24/2008

Field ID Number: N/A

Date Received: 12/24/2008

Sample Type: Water

Date Analyzed: 12/30/2008

Halocarbons	Results in ug / L	Halocarbons	Results in ug / L
Bromodichloromethane	ND< 2.00	trans-1,2-Dichloroethene	ND< 2.00
Bromomethane	ND< 2.00	1,2-Dichloropropane	ND< 2.00
Bromoform	ND< 5.00	cis-1,3-Dichloropropene	ND< 2.00
Carbon Tetrachloride	ND< 2.00	trans-1,3-Dichloropropene	ND< 2.00
Chloroethane	ND< 2.00	Methylene chloride	ND< 5.00
Chloromethane	ND< 2.00	1,1,2,2-Tetrachloroethane	ND< 2.00
2-Chloroethyl vinyl Ether	ND< 10.0	Tetrachloroethene	ND< 2.00
Chloroform	ND< 2.00	1,1,1-Trichloroethane	ND< 2.00
Dibromochloromethane	ND< 2.00	1,1,2-Trichloroethane	ND< 2.00
1,1-Dichloroethane	ND< 2.00	Trichloroethene	ND< 2.00
1,2-Dichloroethane	ND< 2.00	Trichlorofluoromethane	ND< 2.00
1,1-Dichloroethene	ND< 2.00	Vinyl chloride	M 61.4
Chlorobenzene	ND< 2.00	1,3-Dichlorobenzene	ND< 2.00
1,2-Dichlorobenzene	ND< 2.00	1,4-Dichlorobenzene	ND< 2.00
cis-1,2-Dichloroethene	ND< 2.00		

ELAP Number 10958

Method: EPA 8260B

Data File: V62621.D

Comments: ND denotes Non Detect  
ug / L = microgram per Liter  
Surrogate outliers indicate probable matrix interference

Signature:

  
Bruce Hoogesteger, Technical Director

### Volatile Analysis Report for Non-potable Water

 Client: Day Environmental Inc

Client Job Site: Mt Read

Lab Project Number: 08-4924

Lab Sample Number: 14867

Client Job Number: 3681R-05

Field Location: GAC Inf

Date Sampled: 12/24/2008

Field ID Number: N/A

Date Received: 12/24/2008

Sample Type: Water

Date Analyzed: 12/29/2008

Halocarbons	Results in ug / L	Halocarbons	Results in ug / L
Bromodichloromethane	ND< 200	trans-1,2-Dichloroethene	ND< 200
Bromomethane	ND< 200	1,2-Dichloropropane	ND< 200
Bromoform	ND< 500	cis-1,3-Dichloropropene	ND< 200
Carbon Tetrachloride	ND< 200	trans-1,3-Dichloropropene	ND< 200
Chloroethane	ND< 200	Methylene chloride	ND< 500
Chloromethane	ND< 200	1,1,2,2-Tetrachloroethane	ND< 200
2-Chloroethyl vinyl Ether	ND< 1,000	Tetrachloroethene	1,200
Chloroform	ND< 200	1,1,1-Trichloroethane	ND< 200
Dibromochloromethane	ND< 200	1,1,2-Trichloroethane	ND< 200
1,1-Dichloroethane	ND< 200	Trichloroethene	792
1,2-Dichloroethane	ND< 200	Trichlorofluoromethane	ND< 200
1,1-Dichloroethene	ND< 200	Vinyl chloride	275
Chlorobenzene	ND< 200	1,3-Dichlorobenzene	ND< 200
1,2-Dichlorobenzene	ND< 200	1,4-Dichlorobenzene	ND< 200
cis-1,2-Dichloroethene	986		

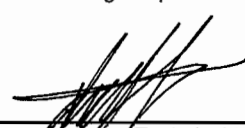
ELAP Number 10958

Method: EPA 8260B

Data File: V62585.D

Comments: ND denotes Non Detect  
 ug / L = microgram per Liter

Signature:


  
 \_\_\_\_\_  
 Bruce Hoogesteger, Technical Director

### Volatile Analysis Report for Non-potable Water

 Client: Day Environmental Inc

Client Job Site: Mt Read

Lab Project Number: 08-4924

Lab Sample Number: 14868

Client Job Number: 3681R-05

Field Location: GAC Eff T-1 D-1

Date Sampled: 12/24/2008

Field ID Number: N/A

Date Received: 12/24/2008

Sample Type: Water

Date Analyzed: 12/30/2008

Halocarbons	Results in ug / L	Halocarbons	Results in ug / L
Bromodichloromethane	ND< 2.00	trans-1,2-Dichloroethene	ND< 2.00
Bromomethane	ND< 2.00	1,2-Dichloropropane	ND< 2.00
Bromoform	ND< 5.00	cis-1,3-Dichloropropene	ND< 2.00
Carbon Tetrachloride	ND< 2.00	trans-1,3-Dichloropropene	ND< 2.00
Chloroethane	ND< 2.00	Methylene chloride	ND< 5.00
Chloromethane	ND< 2.00	1,1,2,2-Tetrachloroethane	ND< 2.00
2-Chloroethyl vinyl Ether	ND< 10.0	Tetrachloroethene	ND< 2.00
Chloroform	ND< 2.00	1,1,1-Trichloroethane	ND< 2.00
Dibromochloromethane	ND< 2.00	1,1,2-Trichloroethane	ND< 2.00
1,1-Dichloroethane	ND< 2.00	Trichloroethene	ND< 2.00
1,2-Dichloroethane	ND< 2.00	Trichlorofluoromethane	ND< 2.00
1,1-Dichloroethene	ND< 2.00	Vinyl chloride	66.9
Chlorobenzene	ND< 2.00	1,3-Dichlorobenzene	ND< 2.00
1,2-Dichlorobenzene	ND< 2.00	1,4-Dichlorobenzene	ND< 2.00
cis-1,2-Dichloroethene	8.26		


ELAP Number 10958

Method: EPA 8260B

Data File: V62624.D

Comments: ND denotes Non Detect  
ug / L = microgram per Liter

Signature:


  
 Bruce Hoogesteger: Technical Director



**Volatile Analysis Report for Non-potable Water**

Client: **Day Environmental Inc**

Client Job Site: Mt Read

Lab Project Number: 08-4924

Lab Sample Number: 14869

Client Job Number: 3681R-05

Field Location: GAC Eff T-2 D-3

Date Sampled: 12/24/2008

Field ID Number: N/A

Date Received: 12/24/2008

Sample Type: Water

Date Analyzed: 12/30/2008

Halocarbons	Results in ug / L	Halocarbons	Results in ug / L
Bromodichloromethane	ND< 2.00	trans-1,2-Dichloroethene	ND< 2.00
Bromomethane	ND< 2.00	1,2-Dichloropropane	ND< 2.00
Bromoform	ND< 5.00	cis-1,3-Dichloropropene	ND< 2.00
Carbon Tetrachloride	ND< 2.00	trans-1,3-Dichloropropene	ND< 2.00
Chloroethane	ND< 2.00	Methylene chloride	ND< 5.00
Chloromethane	ND< 2.00	1,1,2,2-Tetrachloroethane	ND< 2.00
2-Chloroethyl vinyl Ether	ND< 10.0	Tetrachloroethene	ND< 2.00
Chloroform	ND< 2.00	1,1,1-Trichloroethane	ND< 2.00
Dibromochloromethane	ND< 2.00	1,1,2-Trichloroethane	ND< 2.00
1,1-Dichloroethane	ND< 2.00	Trichloroethene	ND< 2.00
1,2-Dichloroethane	ND< 2.00	Trichlorofluoromethane	ND< 2.00
1,1-Dichloroethene	ND< 2.00	Vinyl chloride	14.8
Chlorobenzene	ND< 2.00	1,3-Dichlorobenzene	ND< 2.00
1,2-Dichlorobenzene	ND< 2.00	1,4-Dichlorobenzene	ND< 2.00
cis-1,2-Dichloroethene	17.4		

ELAP Number 10958

Method: EPA 8260B

Data File: V62625.D

Comments: ND denotes Non Detect  
ug / L = microgram per Liter

Signature: \_\_\_\_\_

Bruce Hoogesteger: Technical Director



# PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue  
Rochester, NY 14608  
(585) 647-2530 • (800) 724-1997  
FAX: (585) 647-3311

## CHAIN OF CUSTODY

REPORT TO:		INVOICE TO:		LAB PROJECT #:	CLIENT PROJECT #:
COMPANY: DRY Environmental INC	COMPANY:	ADDRESS:		08-4924	3681R-05
ADDRESS: 40 Commercial St	ADDRESS:	CITY: Rochester STATE: NY ZIP: 14614		TURNAROUND TIME: (WORKING DAYS)	
CITY: Rochester STATE: NY ZIP: 14614	CITY: STATE: ZIP:	PHONE: 454-0210 FAX: 454-0825		STD <input checked="" type="checkbox"/> 5 OTHER <input type="checkbox"/>	
PHONE: 454-0210 FAX: 454-0825	PHONE: STATE: ZIP:	ATTN: N Simon / B. Kline		QUOTE #:	
PROJECT NAME/SITE NAME: MT Read	ATTN:	COMMENTS: Please Email Results			

### REQUESTED ANALYSIS

DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	CONUTAMBIENERS	Total Cr	Halo Vars	PCIS	BAR60	REMARKS	PARADIGM LAB SAMPLE NUMBER
1 12/24/08	8:40		X	MM INF	Ag	1	X					14863
2 12/24/08	8:45		X	MM EFF T-1 D-6	Ag	1	X					14864
3 12/24/08	8:50		X	MM EFF T-2 D-1	Ag	1	X					14865
4 12/24/08	8:55		X	SYS EFF	Ag	3	X	X				14866
5 12/24/08	8:40		X	GAC INF	Ag	2		X				14867
6 12/24/08	8:45		X	GAC EFF T-1 D-1	Ag	2		X				14868
7 12/24/08	8:50		X	GAC EFF T-2 D-3	Ag	2		X				14869
8 12												
9												
10												

**\*\*LAB USE ONLY BELOW THIS LINE\*\***

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance	
Container Type:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments:		
Preservation:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments:		
Holding Time:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments:		
Temperature:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments: 6°Ciced		

Sampled By: <i>Nathan Simon</i>	Date/Time: 12/24/08 c 8:55	Total Cost:	<input type="text"/>
Relinquished By: <i>Nathan Simon</i>	Date/Time: 12/24/08 e 10:27		
Received By: <i>Elizabeth A. Honch</i>	Date/Time: 12/24/08 10:27	P.I.F.	<input type="text"/>
Received @ Lab By: <i>Elizabeth A. Honch</i>	Date/Time: 12/24/08 11:45		

## Analytical Report Cover Page

Day Environmental

For Lab Project # 09-0258  
Issued January 22, 2009  
This report contains a total of 3 pages

The reported results relate only to the samples as they have been received by the laboratory.

Any noncompliant QC parameters having impact on the data are flagged or documented on the final report.

All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

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The Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt. Sample condition requirements are defined under the 2003 NELAC Standard, sections 5.5.8.3.1 and 5.5.8.3.2.

NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified.

Data qualifiers are used, when necessary, to provide additional information about the data. This information may be communicated as a flag or as text at the bottom of the report. Please refer to the following list of frequently used data flags and their meaning:

**"ND" = analyzed for but not detected.**

**"E" = Result has been estimated, calibration limit exceeded.**

**"D" = Duplicate results outside QC limits. May indicate a non-homogenous matrix.**

**"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.**

**"B" = Method blank contained trace levels of analyte. Refer to included method blank report.**



**Client:** Day Environmental, Inc.

**Lab Project No.:** 09-0258

**Client Job Site:** 95 Mt. Read

**Sample Type:** Water  
**Method:** EPA 200.7

**Client Job No.:** 3681R-05

**Date(s) Sampled:** 01/09/2009  
**Date Received:** 01/16/2009  
**Date Analyzed:** 01/21/2009

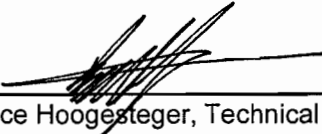
**Laboratory Report for Metals Analysis in Water**

Lab Sample No.	Field ID No.	Field Location	Chromium Results (mg/L)
1404	N/A	MM Inf	0.092
1405	N/A	MM Eff T-1 D-6	0.020
1406	N/A	MM Eff T-2 D-1	<0.010

ELAP ID No.: 10958

Comments:

Approved By: \_\_\_\_\_

  
Bruce Hoogesteger, Technical Director

# PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue  
Rochester, NY 14608  
(585) 647-2530 • (800) 724-1997  
FAX: (585) 647-3311

## CHAIN OF CUSTODY

REPORT TO:

INVOICE TO:

COMPANY: <u>Day Environmental Inc</u>	COMPANY:	LAB PROJECT #: <u>09-0258</u>	CLIENT PROJECT #: <u>3681R-05</u>
ADDRESS: <u>40 Commercial St</u>	ADDRESS:	TURNAROUND TIME: (WORKING DAYS)	
CITY: <u>Rochester</u> STATE: <u>NY</u> ZIP: <u>14559</u>	CITY: <u>SAME</u> STATE: ZIP:	STD <input checked="" type="checkbox"/> 5 OTHER <input type="checkbox"/>	
PHONE: <u>454-0210</u> FAX: <u>454-0825</u>	PHONE: FAX:	QUOTE #:	
ATTN: <u>N. Simon / B. Kline</u>	ATTN:	1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input checked="" type="checkbox"/>	
COMMENTS: <u>Please Email Results</u>			

PROJECT NAME/SITE NAME:

95 MT Road

### REQUESTED ANALYSIS

DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	CONTAINERS	Total CC	REMARKS	PARADIGM LAB SAMPLE NUMBER
1/9/08	3:45		X	MM INF	Ag	1	X		1404
2/1/08	3:50		X	MM EFF T-1 D-6	Ag	1	X		1405
3/1/08	3:55		X	MM EFF T-2 D-1	Ag	1	X		1406
4									
5									
6									
7									
8									
9									
10									

**\*\*LAB USE ONLY BELOW THIS LINE\*\***

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance
Container Type: Comments: _____	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
Preservation: Comments: _____	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
Holding Time: Comments: _____	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
Temperature: Comments: _____ <u>0°C</u>	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>

Nathan Simon 1/9/08 3:55  
Sampled By Date/Time

Nathan Simon 1/16/08 3:20  
Relinquished By Date/Time

[Signature] 1/16/08 3:20pm  
Received By Date/Time

Elizabeth A. Honch 1/16/09 1710  
Received @ Lab By Date/Time

Total Cost:

P.I.F.

## Analytical Report Cover Page

### Day Environmental

For Lab Project # 09-0333

Issued January 29, 2009

This report contains a total of 3 pages

The reported results relate only to the samples as they have been received by the laboratory.

Any noncompliant QC parameters having impact on the data are flagged or documented on the final report.

All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

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NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified.

Data qualifiers are used, when necessary, to provide additional information about the data. This information may be communicated as a flag or as text at the bottom of the report. Please refer to the following list of frequently used data flags and their meaning:

**"ND" = analyzed for but not detected.**

**"E" = Result has been estimated, calibration limit exceeded.**

**"D" = Duplicate results outside QC limits. May indicate a non-homogenous matrix.**

**"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.**

**"B" = Method blank contained trace levels of analyte. Refer to included method blank report.**

**Client:** Day Environmental, Inc.
**Lab Project No.:** 09-0333

**Client Job Site:** Mt. Read

**Sample Type:** Water  
**Method:** EPA 200.7

**Client Job No.:** 3681R-05

**Date(s) Sampled:** 01/16/2009  
**Date Received:** 01/23/2009  
**Date Analyzed:** 01/27/2009

**Laboratory Report for Metals Analysis in Water**

Lab Sample No.	Field ID No.	Field Location	Chromium Results (mg/L)
1623	N/A	MM Inf	0.020
1624	N/A	MM Eff T-1 D-6	<0.010
1625	N/A	MM Eff T-2 D-1	<0.010

ELAP ID No.: 10958

Comments:

**Approved By:**   
 Bruce Hoogesteger, Technical Director

# PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue  
Rochester, NY 14608  
(585) 647-2530 • (800) 724-1997  
FAX: (585) 647-3311

## CHAIN OF CUSTODY

REPORT TO:				INVOICE TO:			
COMPANY: <u>Day Environmental Inc</u>		COMPANY:		LAB PROJECT #: <u>09-0333</u>		CLIENT PROJECT #: <u>3681R-05</u>	
ADDRESS: <u>40 Commercial St</u>		ADDRESS:		TURNAROUND TIME: (WORKING DAYS)			
CITY: <u>Rochester</u>	STATE: <u>NY</u>	ZIP: <u>14559</u>	CITY:	STATE:	ZIP:		
PHONE: <u>585-454-0210</u>	FAX: <u>454-0825</u>		PHONE: <u>SAME</u>	FAX:			
PROJECT NAME/SITE NAME: <u>MT Read</u>		ATTN: <u>N. Simon / B Kline</u>		ATTN:		<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input checked="" type="checkbox"/> 5 <input type="checkbox"/> OTHER	
COMMENTS: <u>Please Email Results</u>		COMMENTS:		QUOTE #:			

REQUESTED ANALYSIS												
DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	CONUTAMBERS	Total Cr				REMARKS	PARADIGM LAB SAMPLE NUMBER
1/16/09	3:35		X	MM INF	Ag	1	X					1623
2	1/16/09		X	MM EFF T-1 D-6	Ag	1	X					1624
3	1/16/09		X	MM EFF T-2 D-1	Ag	1	X					1625
4												
5												
6												
7												
8												
9												
10												

**\*\*LAB USE ONLY BELOW THIS LINE\*\***

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance	
Container Type:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments:		
Preservation:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments:		
Holding Time:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments:		
Temperature:	Y <input type="checkbox"/>	N <input type="checkbox"/>
Comments:	<u>0°C - N/A b/c for metals only</u>	

<u>Matthew Simon</u>	<u>1/16/09 3:50</u>		
Sampled By	Date/Time	Total Cost:	<input type="text"/>
<u>Matthew Simon</u>	<u>1/23/09 3:25</u>		
Relinquished By	Date/Time		
<u>[Signature]</u>	<u>1/23/09 15:25</u>		
Received By	Date/Time	P.I.F.	<input type="text"/>
<u>Elizabeth A. Honch</u>	<u>1/23/09 1540</u>		
Received @ Lab By	Date/Time		

## Analytical Report Cover Page

Day Environmental

For Lab Project # 09-0390

Issued February 5, 2009

This report contains a total of 3 pages

The reported results relate only to the samples as they have been received by the laboratory.

Any noncompliant QC parameters having impact on the data are flagged or documented on the final report.

All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

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**"ND" = analyzed for but not detected.**

**"E" = Result has been estimated, calibration limit exceeded.**

**"D" = Duplicate results outside QC limits. May indicate a non-homogenous matrix.**

**"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.**

**"B" = Method blank contained trace levels of analyte. Refer to included method blank report.**



**Client:** Day Environmental, Inc.

**Lab Project No.:** 09-0390

**Client Job Site:** Mt. Read

**Sample Type:** Water

**Method:** EPA 200.7

**Client Job No.:** 3681R-05

**Date(s) Sampled:** 01/23/2009

**Date Received:** 01/30/2009

**Date Analyzed:** 02/03/2009

**Laboratory Report for Metals Analysis in Water**

Lab Sample No.	Field ID No.	Field Location	Chromium Results (mg/L)
1777	N/A	MM Inf	<0.010
1778	N/A	MM Eff T-1 D-6	0.035
1779	N/A	MM Eff T-2 D-1	0.064

ELAP ID No.: 10958

Comments:

**Approved By:**   
Bruce Hoogsteger, Technical Director

# PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue  
Rochester, NY 14608  
(585) 647-2530 • (800) 724-1997  
FAX: (585) 647-3311

## CHAIN OF CUSTODY

REPORT TO:		INVOICE TO:		LAB PROJECT #:	CLIENT PROJECT #:
COMPANY: Day Environmental Inc.	COMPANY:	ADDRESS: 40 Commercial St	ADDRESS: SAME	09-0390	3681705
CITY: Rochester STATE: NY ZIP: 14614	CITY: STATE: ZIP:	PHONE: 585 454 0210 FAX: 454 0825	PHONE: FAX:	TURNAROUND TIME: (WORKING DAYS)	
ATTN: N Simon / B Kline	ATTN:	COMMENTS: Please Email Results		<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input checked="" type="checkbox"/> 5 <input type="checkbox"/> OTHER	QUOTE #:

PROJECT NAME/SITE NAME:

MT Road

### REQUESTED ANALYSIS

DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	CONTAMINERS	Total CC	REMARKS	PARADIGM LAB SAMPLE NUMBER
1/23/08	3:45		X	MM INF	Ag	1	X		1777
2/23/08	3:50		X	MM EFF T-1 D-6	↓	1	X		1778
3/23/08	3:55		X	MM EFF T-2 D-1	↓	1	X		1779
4								persample labels	
5								EAH/30	
6									
7									
8									
9									
10									

**\*\*LAB USE ONLY BELOW THIS LINE\*\***

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance
Container Type:	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
Comments:	
Preservation:	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
Comments:	
Holding Time:	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
Comments:	
Temperature:	Y <input type="checkbox"/> N <input type="checkbox"/>
Comments:	20C iced - N/A ble for metals only

Sampled By: <i>William Simon</i>	Date/Time: 1/23/09	Total Cost:	<input type="text"/>
Relinquished By: <i>William Simon</i>	Date/Time: 1/30/09 @ 9:30		
Received By: <i>[Signature]</i>	Date/Time: 1/30/09 9:30am	P.I.F.	<input type="text"/>
Received @ Lab By: <i>Elizabeth A. Honch</i>	Date/Time: 1/30/09 1040		

## Analytical Report Cover Page

Day Environmental

For Lab Project # 09-0391

Issued February 5, 2009

This report contains a total of 7 pages

The reported results relate only to the samples as they have been received by the laboratory.

Any noncompliant QC parameters having impact on the data are flagged or documented on the final report.

All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

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**"D" = Duplicate results outside QC limits. May indicate a non-homogenous matrix.**

**"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.**

**"B" = Method blank contained trace levels of analyte. Refer to included method blank report.**



**Client:** Day Environmental

**Lab Project No.:** 09-0391

**Client Job Site:** Mt. Read

**Sample Type:** Water  
**Method:** EPA 200.7

**Client Job No.:** 3681R-05

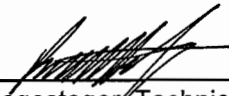
**Date(s) Sampled:** 01/30/2009  
**Date Received:** 01/30/2009  
**Date Analyzed:** 02/03/2009

**Laboratory Report for Metals Analysis in Water**

Lab Sample No.	Field ID No.	Field Location	Chromium Results (mg/L)
1780	N/A	MM Inf	0.026
1781	N/A	MM Eff T-1 D-10	0.013
1782	N/A	MM Eff T-2 D-1	0.037
1783	N/A	Sys Eff	<0.010

ELAP ID No.: 10958

Comments:

**Approved By:**   
Bruce Hoogesteger, Technical Director



**Volatile Analysis Report for Non-potable Water**

**Client:** Day Environmental

**Client Job Site:** Mt Read  
**Client Job Number:** 3681R-05  
**Field Location:** Sys Eff  
**Field ID Number:** N/A  
**Sample Type:** Water

**Lab Project Number:** 09-0391  
**Lab Sample Number:** 1783  
**Date Sampled:** 01/30/2009  
**Date Received:** 01/30/2009  
**Date Analyzed:** 02/03/2009

Halocarbons	Results in ug / L	Halocarbons	Results in ug / L
Bromodichloromethane	ND< 2.00	trans-1,2-Dichloroethene	ND< 2.00
Bromomethane	ND< 2.00	1,2-Dichloropropane	ND< 2.00
Bromoform	ND< 5.00	cis-1,3-Dichloropropene	ND< 2.00
Carbon Tetrachloride	ND< 2.00	trans-1,3-Dichloropropene	ND< 2.00
Chloroethane	ND< 2.00	Methylene chloride	ND< 5.00
Chloromethane	ND< 2.00	1,1,2,2-Tetrachloroethane	ND< 2.00
2-Chloroethyl vinyl Ether	ND< 10.0	Tetrachloroethene	ND< 2.00
Chloroform	ND< 2.00	1,1,1-Trichloroethane	ND< 2.00
Dibromochloromethane	ND< 2.00	1,1,2-Trichloroethane	ND< 2.00
1,1-Dichloroethane	ND< 2.00	Trichloroethene	ND< 2.00
1,2-Dichloroethane	ND< 2.00	Trichlorofluoromethane	ND< 2.00
1,1-Dichloroethene	ND< 2.00	Vinyl chloride	215
Chlorobenzene	ND< 2.00	1,3-Dichlorobenzene	ND< 2.00
1,2-Dichlorobenzene	ND< 2.00	1,4-Dichlorobenzene	ND< 2.00
cis-1,2-Dichloroethene	ND< 2.00		

ELAP Number 10958

Method: EPA 8260B

Data File: V63239.D

Comments: ND denotes Non Detect  
ug / L = microgram per Liter

Signature: \_\_\_\_\_

Bruce Hoogestege, Technical Director

### Volatile Analysis Report for Non-potable Water

Client: Day Environmental

Client Job Site: Mt Read

Lab Project Number: 09-0391

Lab Sample Number: 1784

Client Job Number: 3681R-05

Field Location: Voc Inf

Date Sampled: 01/30/2009

Field ID Number: N/A

Date Received: 01/30/2009

Sample Type: Water

Date Analyzed: 02/03/2009

Halocarbons	Results in ug / L	Halocarbons	Results in ug / L
Bromodichloromethane	ND< 100	trans-1,2-Dichloroethene	ND< 100
Bromomethane	ND< 100	1,2-Dichloropropane	ND< 100
Bromoform	ND< 250	cis-1,3-Dichloropropene	ND< 100
Carbon Tetrachloride	ND< 100	trans-1,3-Dichloropropene	ND< 100
Chloroethane	ND< 100	Methylene chloride	ND< 250
Chloromethane	ND< 100	1,1,2,2-Tetrachloroethane	ND< 100
2-Chloroethyl vinyl Ether	ND< 500	Tetrachloroethene	1,650
Chloroform	ND< 100	1,1,1-Trichloroethane	ND< 100
Dibromochloromethane	ND< 100	1,1,2-Trichloroethane	ND< 100
1,1-Dichloroethane	ND< 100	Trichloroethene	989
1,2-Dichloroethane	ND< 100	Trichlorofluoromethane	ND< 100
1,1-Dichloroethene	ND< 100	Vinyl chloride	284
Chlorobenzene	ND< 100	1,3-Dichlorobenzene	ND< 100
1,2-Dichlorobenzene	ND< 100	1,4-Dichlorobenzene	ND< 100
cis-1,2-Dichloroethene	890		

ELAP Number 10958

Method: EPA 8260B

Data File: V63240.D

Comments: ND denotes Non Detect  
ug / L = microgram per Liter

Signature: \_\_\_\_\_

  
Bruce Hoogesteger, Technical Director

### Volatile Analysis Report for Non-potable Water

**Client:** Day Environmental

<b>Client Job Site:</b> Mt Read	<b>Lab Project Number:</b> 09-0391
	<b>Lab Sample Number:</b> 1785
<b>Client Job Number:</b> 3681R-05	
<b>Field Location:</b> Voc Eff AC-T-1 D-1	<b>Date Sampled:</b> 01/30/2009
<b>Field ID Number:</b> N/A	<b>Date Received:</b> 01/30/2009
<b>Sample Type:</b> Water	<b>Date Analyzed:</b> 02/03/2009

Halocarbons	Results in ug / L	Halocarbons	Results in ug / L
Bromodichloromethane	ND< 2.00	trans-1,2-Dichloroethene	ND< 2.00
Bromomethane	ND< 2.00	1,2-Dichloropropane	ND< 2.00
Bromoform	ND< 5.00	cis-1,3-Dichloropropene	ND< 2.00
Carbon Tetrachloride	ND< 2.00	trans-1,3-Dichloropropene	ND< 2.00
Chloroethane	ND< 2.00	Methylene chloride	ND< 5.00
Chloromethane	ND< 2.00	1,1,2,2-Tetrachloroethane	ND< 2.00
2-Chloroethyl vinyl Ether	ND< 10.0	Tetrachloroethene	ND< 2.00
Chloroform	ND< 2.00	1,1,1-Trichloroethane	ND< 2.00
Dibromochloromethane	ND< 2.00	1,1,2-Trichloroethane	ND< 2.00
1,1-Dichloroethane	ND< 2.00	Trichloroethene	ND< 2.00
1,2-Dichloroethane	ND< 2.00	Trichlorofluoromethane	ND< 2.00
1,1-Dichloroethene	ND< 2.00	Vinyl chloride	67.0
Chlorobenzene	ND< 2.00	1,3-Dichlorobenzene	ND< 2.00
1,2-Dichlorobenzene	ND< 2.00	1,4-Dichlorobenzene	ND< 2.00
cis-1,2-Dichloroethene	2.64		

ELAP Number 10958

Method: EPA 8260B

Data File: V63241.D

Comments: ND denotes Non Detect  
 ug / L = microgram per Liter

Signature:


  
 \_\_\_\_\_  
 Bruce Hoogesteger: Technical Director

### Volatile Analysis Report for Non-potable Water

**Client:** Day Environmental

<b>Client Job Site:</b> Mt Read	<b>Lab Project Number:</b> 09-0391
	<b>Lab Sample Number:</b> 1786
<b>Client Job Number:</b> 3681R-05	
<b>Field Location:</b> Voc Eff AC-T-2 D-7	<b>Date Sampled:</b> 01/30/2009
<b>Field ID Number:</b> N/A	<b>Date Received:</b> 01/30/2009
<b>Sample Type:</b> Water	<b>Date Analyzed:</b> 02/04/2009

Halocarbons	Results in ug / L	Halocarbons	Results in ug / L
Bromodichloromethane	ND< 20.0	trans-1,2-Dichloroethene	ND< 20.0
Bromomethane	ND< 20.0	1,2-Dichloropropane	ND< 20.0
Bromoform	ND< 50.0	cis-1,3-Dichloropropene	ND< 20.0
Carbon Tetrachloride	ND< 20.0	trans-1,3-Dichloropropene	ND< 20.0
Chloroethane	ND< 20.0	Methylene chloride	ND< 50.0
Chloromethane	ND< 20.0	1,1,2,2-Tetrachloroethane	ND< 20.0
2-Chloroethyl vinyl Ether	ND< 100	Tetrachloroethene	ND< 20.0
Chloroform	ND< 20.0	1,1,1-Trichloroethane	ND< 20.0
Dibromochloromethane	ND< 20.0	1,1,2-Trichloroethane	ND< 20.0
1,1-Dichloroethane	ND< 20.0	Trichloroethene	33.0
1,2-Dichloroethane	ND< 20.0	Trichlorofluoromethane	ND< 20.0
1,1-Dichloroethene	ND< 20.0	Vinyl chloride	285
Chlorobenzene	ND< 20.0	1,3-Dichlorobenzene	ND< 20.0
1,2-Dichlorobenzene	ND< 20.0	1,4-Dichlorobenzene	ND< 20.0
cis-1,2-Dichloroethene	1,940		

ELAP Number 10958

Method: EPA 8260B

Data File: V63249.D

Comments: ND denotes Non Detect  
 ug / L = microgram per Liter

Signature:


  
 \_\_\_\_\_  
 Bruce Hoogesteger, Technical Director



# PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue  
Rochester, NY 14608  
(585) 647-2530 • (800) 724-1997  
FAX: (585) 647-3311

## CHAIN OF CUSTODY

REPORT TO:				INVOICE TO:			
COMPANY: <u>Day Environmental</u>			COMPANY:			LAB PROJECT #:	CLIENT PROJECT #:
ADDRESS: <u>40 Commercial St</u>			ADDRESS:			<u>09-0391</u>	<u>3681R-05</u>
CITY: <u>Rochester</u>		STATE: <u>NY</u>	CITY:		STATE:	TURNAROUND TIME: (WORKING DAYS)	
PHONE: <u>454 0210</u>		FAX: <u>454 0825</u>	PHONE: <u>SAME</u>		FAX:	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input checked="" type="checkbox"/> 5 <input type="checkbox"/> OTHER	
PROJECT NAME/SITE NAME: <u>MT Read</u>				ATTN: <u>N. Simon / B. Kline</u>		QUOTE #:	
COMMENTS: <u>Please Email Results</u>							

REQUESTED ANALYSIS											
DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	CONUTMIBENERS	Heho VOCs +	CIS 8260	Total CV	REMARKS	PARADIGM LAB SAMPLE NUMBER
1	1/30/09		X	MM INF	Ag	1			X	Halogenated VOC's	1780
2	1/30/09		X	MM EFF T-1 D-10		1			X	by 8260 plus CIS	1781
3	1/30/09		X	MM EFF T-2 D-1		1			X	1, 2 DCE, per Client history	1782
4	1/30/09		X	SYS EFF		3	X	X		EAH 1/30	1783
5	1/30/09		X	VOC INF		2	X				1784
6	1/30/09		X	VOC EFF AC-T-1 D-1		2	X				1785
7	1/30/09		X	VOC EFF AC T-2 D-7	V	2	X				1786
8											
9											
10											

**\*\*LAB USE ONLY BELOW THIS LINE\*\***

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance	
Container Type:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments:		
Preservation:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments:		
Holding Time:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments:		
Temperature: <u>8°C red</u>	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments:		

<u>Nathan Simon</u>	<u>1/30/09 @ 9:00</u>	
Sampled By:	Date/Time	Total Cost: <input type="text"/>
<u>Nathan Simon</u>	<u>1/30/09 @ 9:30</u>	
Relinquished By:	Date/Time	
<u>[Signature]</u>	<u>1/30/09 9:30am</u>	
Received By:	Date/Time	P.I.F. <input type="text"/>
<u>Elizabeth A. Honck</u>	<u>1/30/09 1045</u>	
Received @ Lab By:	Date/Time	

## Analytical Report Cover Page

### Day Environmental

For Lab Project # 09-0529

Issued February 13, 2009

This report contains a total of 3 pages

The reported results relate only to the samples as they have been received by the laboratory.

Any noncompliant QC parameters having impact on the data are flagged or documented on the final report.

All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

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Client: Day Environmental, Inc.

Lab Project No.: 09-0529

Client Job Site: Mt. Read

Sample Type: Water  
Method: EPA 200.7

Client Job No.: 3681R-05

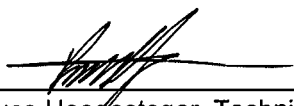
Date(s) Sampled: 02/06/2009  
Date Received: 02/10/2009  
Date Analyzed: 02/12/2009

**Laboratory Report for Metals Analysis in Water**

Lab Sample No.	Field ID No.	Field Location	Chromium Results (mg/L)
2180	N/A	MM Inf	0.025
2181	N/A	MM Eff T-1 D-10	0.028
2182	N/A	MM Eff T-2 D-1	0.018

ELAP ID No.: 10958

Comments:

Approved By:   
Bruce Hoogesteger, Technical Director

# PARADIGM ENVIRONMENTAL SERVICES, INC.

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Rochester, NY 14608  
(585) 647-2530 • (800) 724-1997  
FAX: (585) 647-3311

## CHAIN OF CUSTODY

REPORT TO:				INVOICE TO:				
COMPANY:	Day Environmental Inc			COMPANY:				
ADDRESS:	40 Commercial Street			ADDRESS:				
CITY:	Rochester	STATE:	NY	CITY:	GAME	STATE:		
PHONE:	585-454-0217	FAX:	585-454-0205	PHONE:		FAX:		
ATTN:	Nate Simon			ATTN:				
PROJECT NAME/SITE NAME:	MT Road			LAB PROJECT #:	09-0529		CLIENT PROJECT #:	3681R-05
COMMENTS:	House Email results			TURNAROUND TIME: (WORKING DAYS)				
				QUOTE #:				

STD  5 OTHER

### REQUESTED ANALYSIS

DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATR	CONUTABENERS	REMARKS	PARADIGM LAB SAMPLE NUMBER						
1 2/6/09	3:00		X	MM INP	Ag	1					2	1	8	0
2 2/6/09	3:05		X	MM EFF T-1 D-10	Ag	1					2	1	8	1
3 2/6/09	2:10		X	MM EFF T-2 D-1	Ag	1					2	1	8	2
4														
5														
6														
7														
8														
9														
10														

per sample 1 label EAH 2/10

Total CF

\*\*LAB USE ONLY BELOW THIS LINE\*\*

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance	
Container Type:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments:		
Preservation:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments:		
Holding Time:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments:		
Temperature:	Y <input type="checkbox"/>	N <input type="checkbox"/>
Comments:	7°C - N/A b/c for metals only	

Sampled By: Nathan Simon Date/Time: 2/6/09 3:20  
 Relinquished By: Nathan Simon Date/Time: 2/10/09 10:35  
 Received By: [Signature] Date/Time: 2/10/09 1035  
 Received @ Lab By: Elizabeth A. Honch Date/Time: 2/10/09 1105

Total Cost:

P.I.F.

## Analytical Report Cover Page

Day Environmental

For Lab Project # 09-0588

Issued February 19, 2009

This report contains a total of 7 pages

The reported results relate only to the samples as they have been received by the laboratory.

Any noncompliant QC parameters having impact on the data are flagged or documented on the final report.

All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

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**"B" = Method blank contained trace levels of analyte. Refer to included method blank report.**

**Client:** Day Environmental

**Lab Project No.:** 09-0588

**Client Job Site:** Mt Read

**Sample Type:** Water  
**Method:** EPA 200.7

**Client Job No.:** 3681R-05

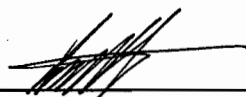
**Date(s) Sampled:** 02/13/2009  
**Date Received:** 02/13/2009  
**Date Analyzed:** 02/18/2009

**Laboratory Report for Metals Analysis in Water**

Lab Sample No.	Field ID No.	Field Location	Chromium Results (mg/L)
2382	N/A	Sys Eff	<0.010
2383	N/A	MM Inf	0.032
2384	N/A	MM Eff T-1 D-10	<0.010
2385	N/A	MM Eff T-2 D-1	0.019 D

ELAP ID No.: 10958

Comments:

**Approved By:**   
Bruce Hoogesteger, Technical Director



**Volatile Analysis Report for Non-potable Water**

**Client:** Day Environmental

**Client Job Site:** Mt Read

**Lab Project Number:** 09-0588

**Lab Sample Number:** 2379

**Client Job Number:** 3681R-05

**Field Location:** VOC Inf

**Date Sampled:** 02/13/2009

**Field ID Number:** N/A

**Date Received:** 02/13/2009

**Sample Type:** Water

**Date Analyzed:** 02/17/2009

Halocarbons	Results in ug / L	Halocarbons	Results in ug / L
Bromodichloromethane	ND< 100	trans-1,2-Dichloroethene	ND< 100
Bromomethane	ND< 100	1,2-Dichloropropane	ND< 100
Bromoform	ND< 250	cis-1,3-Dichloropropene	ND< 100
Carbon Tetrachloride	ND< 100	trans-1,3-Dichloropropene	ND< 100
Chloroethane	ND< 100	Methylene chloride	ND< 250
Chloromethane	ND< 100	1,1,2,2-Tetrachloroethane	ND< 100
2-Chloroethyl vinyl Ether	ND< 500	Tetrachloroethene	1,810
Chloroform	ND< 100	1,1,1-Trichloroethane	ND< 100
Dibromochloromethane	ND< 100	1,1,2-Trichloroethane	ND< 100
1,1-Dichloroethane	ND< 100	Trichloroethene	957
1,2-Dichloroethane	ND< 100	Trichlorofluoromethane	ND< 100
1,1-Dichloroethene	ND< 100	Vinyl chloride	ND< 100
Chlorobenzene	ND< 100	1,3-Dichlorobenzene	ND< 100
1,2-Dichlorobenzene	ND< 100	1,4-Dichlorobenzene	ND< 100
cis-1,2-Dichloroethene	579		

ELAP Number 10958

Method: EPA 8260B

Data File: V63474.D

Comments: ND denotes Non Detect  
ug / L = microgram per Liter

Signature: \_\_\_\_\_

  
Bruce Hoogesteger, Technical Director



**Volatile Analysis Report for Non-potable Water**

Client: **Day Environmental**

Client Job Site: Mt Read

Lab Project Number: 09-0588

Lab Sample Number: 2380

Client Job Number: 3681R-05

Field Location: VOC Eff T-1 D-1

Date Sampled: 02/13/2009

Field ID Number: N/A

Date Received: 02/13/2009

Sample Type: Water

Date Analyzed: 02/17/2009

Halocarbons	Results in ug / L	Halocarbons	Results in ug / L
Bromodichloromethane	ND< 2.00	trans-1,2-Dichloroethene	ND< 2.00
Bromomethane	ND< 2.00	1,2-Dichloropropane	ND< 2.00
Bromoform	ND< 5.00	cis-1,3-Dichloropropene	ND< 2.00
Carbon Tetrachloride	ND< 2.00	trans-1,3-Dichloropropene	ND< 2.00
Chloroethane	ND< 2.00	Methylene chloride	ND< 5.00
Chloromethane	ND< 2.00	1,1,2,2-Tetrachloroethane	ND< 2.00
2-Chloroethyl vinyl Ether	ND< 10.0	Tetrachloroethene	ND< 2.00
Chloroform	ND< 2.00	1,1,1-Trichloroethane	ND< 2.00
Dibromochloromethane	ND< 2.00	1,1,2-Trichloroethane	ND< 2.00
1,1-Dichloroethane	ND< 2.00	Trichloroethene	ND< 2.00
1,2-Dichloroethane	ND< 2.00	Trichlorofluoromethane	ND< 2.00
1,1-Dichloroethene	ND< 2.00	Vinyl chloride	64.0
Chlorobenzene	ND< 2.00	1,3-Dichlorobenzene	ND< 2.00
1,2-Dichlorobenzene	ND< 2.00	1,4-Dichlorobenzene	ND< 2.00
cis-1,2-Dichloroethene	3.37		

ELAP Number 10958

Method: EPA 8260B

Data File: V63475.D

Comments: ND denotes Non Detect  
ug / L = microgram per Liter

Signature: \_\_\_\_\_

  
Bruce Hoogesteger: Technical Director





**Volatile Analysis Report for Non-potable Water**

Client: **Day Environmental**

Client Job Site: Mt Read

Lab Project Number: 09-0588

Lab Sample Number: 2381

Client Job Number: 3681R-05

Field Location: VOC Eff T-2 D-7

Date Sampled: 02/13/2009

Field ID Number: N/A

Date Received: 02/13/2009

Sample Type: Water

Date Analyzed: 02/17/2009

Halocarbons	Results in ug / L	Halocarbons	Results in ug / L
Bromodichloromethane	ND< 20.0	trans-1,2-Dichloroethene	ND< 20.0
Bromomethane	ND< 20.0	1,2-Dichloropropane	ND< 20.0
Bromoform	ND< 50.0	cis-1,3-Dichloropropene	ND< 20.0
Carbon Tetrachloride	ND< 20.0	trans-1,3-Dichloropropene	ND< 20.0
Chloroethane	ND< 20.0	Methylene chloride	ND< 50.0
Chloromethane	ND< 20.0	1,1,2,2-Tetrachloroethane	ND< 20.0
2-Chloroethyl vinyl Ether	ND< 100	Tetrachloroethene	ND< 20.0
Chloroform	ND< 20.0	1,1,1-Trichloroethane	ND< 20.0
Dibromochloromethane	ND< 20.0	1,1,2-Trichloroethane	ND< 20.0
1,1-Dichloroethane	ND< 20.0	Trichloroethene	29.8
1,2-Dichloroethane	ND< 20.0	Trichlorofluoromethane	ND< 20.0
1,1-Dichloroethene	ND< 20.0	Vinyl chloride	ND< 20.0
Chlorobenzene	ND< 20.0	1,3-Dichlorobenzene	ND< 20.0
1,2-Dichlorobenzene	ND< 20.0	1,4-Dichlorobenzene	ND< 20.0
cis-1,2-Dichloroethene	1,380		


ELAP Number 10958

Method: EPA 8260B

Data File: V63476.D

Comments: ND denotes Non Detect  
ug / L = microgram per Liter

Signature: \_\_\_\_\_

  
Bruce Hoogesteger: Technical Director

**Volatile Analysis Report for Non-potable Water**Client: **Day Environmental**

Client Job Site: Mt Read

Lab Project Number: 09-0588

Lab Sample Number: 2382

Client Job Number: 3681R-05

Field Location: Sys Eff

Date Sampled: 02/13/2009

Field ID Number: N/A

Date Received: 02/13/2009

Sample Type: Water

Date Analyzed: 02/17/2009

Halocarbons	Results in ug / L	Halocarbons	Results in ug / L
Bromodichloromethane	ND< 2.00	trans-1,2-Dichloroethene	ND< 2.00
Bromomethane	ND< 2.00	1,2-Dichloropropane	ND< 2.00
Bromoform	ND< 5.00	cis-1,3-Dichloropropene	ND< 2.00
Carbon Tetrachloride	ND< 2.00	trans-1,3-Dichloropropene	ND< 2.00
Chloroethane	ND< 2.00	Methylene chloride	ND< 5.00
Chloromethane	ND< 2.00	1,1,2,2-Tetrachloroethane	ND< 2.00
2-Chloroethyl vinyl Ether	ND< 10.0	Tetrachloroethene	ND< 2.00
Chloroform	ND< 2.00	1,1,1-Trichloroethane	ND< 2.00
Dibromochloromethane	ND< 2.00	1,1,2-Trichloroethane	ND< 2.00
1,1-Dichloroethane	ND< 2.00	Trichloroethene	ND< 2.00
1,2-Dichloroethane	ND< 2.00	Trichlorofluoromethane	ND< 2.00
1,1-Dichloroethene	ND< 2.00	Vinyl chloride	164
Chlorobenzene	ND< 2.00	1,3-Dichlorobenzene	ND< 2.00
1,2-Dichlorobenzene	ND< 2.00	1,4-Dichlorobenzene	ND< 2.00
cis-1,2-Dichloroethene	4.32		

ELAP Number 10958

Method: EPA 8260B

Data File: V63477.D

Comments: ND denotes Non Detect  
ug / L = microgram per Liter

Signature: \_\_\_\_\_

Bruce Hoogesteger: Technical Director

# PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue  
Rochester, NY 14608  
(585) 647-2530 • (800) 724-1997  
FAX: (585) 647-3311

## CHAIN OF CUSTODY

REPORT TO:		INVOICE TO:		eeEm 213	
COMPANY: <i>DAY Environmental</i>	COMPANY:	LAB PROJECT #: <i>0588</i>	CLIENT PROJECT #: <i>3681R-05</i>		
ADDRESS: <i>40 Commercial St</i>	ADDRESS:	09-0858			
CITY: <i>Rochester NY</i>	STATE: <i>14614</i>	ZIP:	TURNAROUND TIME: (WORKING DAYS)		
PHONE: <i>454-0210</i>	FAX: <i>454-0825</i>	PHONE:	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input checked="" type="checkbox"/> 5 <input type="checkbox"/> OTHER		
ATTN: <i>N Simon / BKline</i>	ATTN:	QUOTE #:			
PROJECT NAME/SITE NAME: <i>MT Road</i>	COMMENTS: <i>Please E Mail Results</i>				

### REQUESTED ANALYSIS

DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	CONTAMINERS	Halo Vocs + CIS	Total Cr	REMARKS	PARADIGM LAB SAMPLE NUMBER
1 2/13/09	9:00			VOC INF	Ag	2	X			2379
2 2/13/09	9:05			VOC EFF T-1 D-1		2	X			2380
3 2/13/09	9:10			VOC EFF T-2 D-7		2	X			2381
4 2/13/09	9:15/135			SYS EFF		3	X	X		2382
5 2/13/09	9:20			MM INF		1	X			2383
6 2/13/09	9:25			MM EFF T-1 D-10		1	X			2384
7 2/13/09	9:30			MM EFF T-2 D-1	↓	1	X			2385
8										
9										
10										

**\*\*LAB USE ONLY BELOW THIS LINE\*\***

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance
Container Type: Comments: _____	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
Preservation: Comments: _____	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
Holding Time: Comments: _____	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
Temperature: <i>6°Ciced</i> Comments: _____	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>

<i>Nathan Simon</i>	<i>2/13/09 @ 9:40</i>	Total Cost: <input type="text"/>
Sampled By	Date/Time	
<i>Nathan Simon</i>	<i>2/13/09 @ 9:55</i>	P.I.F. <input type="text"/>
Relinquished By	Date/Time	
<i>[Signature]</i>	<i>2/13/09 9:58</i>	
Received By	Date/Time	
<i>Elizabeth A. Honch</i>	<i>2/13/09 1400</i>	
Received @ Lab By	Date/Time	

## Analytical Report Cover Page

### Day Environmental

For Lab Project # 09-0652

Issued February 25, 2009

This report contains a total of 3 pages

The reported results relate only to the samples as they have been received by the laboratory.

Any noncompliant QC parameters having impact on the data are flagged or documented on the final report.

All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

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NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified.

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**"E" = Result has been estimated, calibration limit exceeded.**

**"D" = Duplicate results outside QC limits. May indicate a non-homogenous matrix.**

**"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.**

**"B" = Method blank contained trace levels of analyte. Refer to included method blank report.**



**Client:** Day Environmental

**Lab Project No.:** 09-0652

**Client Job Site:** Mt. Read

**Sample Type:** Water

**Method:** EPA 200.7

**Client Job No.:** 3681R-05

**Date(s) Sampled:** 02/20/2009

**Date Received:** 02/20/2009

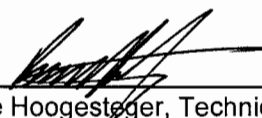
**Date Analyzed:** 02/25/2009

**Laboratory Report for Metals Analysis in Water**

Lab Sample No.	Field ID No.	Field Location	Chromium Results (mg/L)
2568	N/A	MM Inf	0.030
2569	N/A	MM Eff T-1 D-10	0.018
2570	N/A	MM Eff T-2 D-1	0.038

ELAP ID No.: 10958

Comments:

**Approved By:**   
Bruce Hoogesteger, Technical Director

# PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue  
Rochester, NY 14608  
(585) 647-2530 • (800) 724-1997  
FAX: (585) 647-3311

## CHAIN OF CUSTODY

REPORT TO:				INVOICE TO:			
COMPANY: DAY Environmental	ADDRESS: 40 Commercial St			COMPANY:	ADDRESS:		
CITY: Rochester	STATE: NY	ZIP: 14614	PHONE: 454-0210	CITY:	STATE:	ZIP:	PHONE: SAME
ATTN: N Simon / B Kline				ATTN:			
COMMENTS: Please Email Results				COMMENTS:			
LAB PROJECT #: 09-0652				CLIENT PROJECT #: 3681R-05			
TURNAROUND TIME: (WORKING DAYS)				<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input checked="" type="checkbox"/> 5 <input type="checkbox"/> OTHER			
PROJECT NAME/SITE NAME: Mt Read				QUOTE #:			

REQUESTED ANALYSIS									
DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	CONUTAMINERS	Total Cr	REMARKS	PARADIGM LAB SAMPLE NUMBER
2/20/09	9:00		X	MM INF	Ag	1	X		2568
2/20/09	9:05		X	MM EFF T-1 D-10	Ag	1	X		2569
2/20/09	9:15		X	MM EFF T-2 D-1	Ag	1	X		2570
4									
5									
6									
7									
8									
9									
10									

**\*\*LAB USE ONLY BELOW THIS LINE\*\***

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance	
Container Type:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments: _____		
Preservation:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments: _____		
Holding Time:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments: _____		
Temperature:	Y <input type="checkbox"/>	N <input type="checkbox"/>
Comments: 16°C - N/A b/c for metals only		

Nathaniel Simon 2/20/09 @ 9:30  
 Sampled By Date/Time  
 Nathaniel Simon 2/20/09 @ 9:43  
 Relinquished By Date/Time  
 Elizabeth A. Honch 2/20/09 9:43  
 Received By Date/Time  
 Elizabeth A. Honch 2/20/09 1030  
 Received @ Lab By Date/Time

Total Cost:

P.I.F.

## Analytical Report Cover Page

Day Environmental

For Lab Project # 09-0757

Issued March 9, 2009

This report contains a total of 3 pages

The reported results relate only to the samples as they have been received by the laboratory.

Any noncompliant QC parameters having impact on the data are flagged or documented on the final report.

All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

Each page of this document is part of a multipage report. This document may not be reproduced except in its entirety, without the prior consent of Paradigm Environmental Services, Inc.

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NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified.

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**"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.**

**"B" = Method blank contained trace levels of analyte. Refer to included method blank report.**

**Client:** Day Environmental Inc.
**Lab Project No.:** 09-0757

**Client Job Site:** Mt Read

**Sample Type:** Water  
**Method:** EPA 200.7

**Client Job No.:** 3681R-05

**Date(s) Sampled:** 02/27/2009  
**Date Received:** 03/03/2009  
**Date Analyzed:** 03/05/2009

**Laboratory Report for Metals Analysis in Water**

Lab Sample No.	Field ID No.	Field Location	Chromium Results (mg/L)
2864	N/A	MM Inf	0.082
2865	N/A	MM Eff T-1 D-6	0.031
2866	N/A	MM Eff T-2 D-1	0.025

ELAP ID No.: 10958

Comments:

**Approved By:** *Bruce Hoogesteger*  
 Bruce Hoogesteger, Technical Director



# PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue  
Rochester, NY 14608  
(585) 647-2530 • (800) 724-1997  
FAX: (585) 647-3311

## CHAIN OF CUSTODY

REPORT TO:				INVOICE TO:						
COMPANY: <i>Day Environmental Inc</i>	ADDRESS: <i>40 Commercial St</i>			CITY: <i>Rochester</i>	STATE: <i>NY</i>	ZIP: <i>14614</i>	PHONE: <i>454-0210</i>	FAX: <i>454 0825</i>	LAB PROJECT #: <i>09-0757</i>	CLIENT PROJECT #: <i>3681R-05</i>
ATTN: <i>N. Simon / B. Kline</i>								TURNAROUND TIME: (WORKING DAYS)		
COMMENTS: <i>Please email results</i>								<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input checked="" type="checkbox"/> 5 <input type="checkbox"/> OTHER		
PROJECT NAME/SITE NAME: <i>MT Road</i>								QUOTE #:		

### REQUESTED ANALYSIS

DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	CONUTAMBERS	REMARKS	PARADIGM LAB SAMPLE NUMBER
<i>2/27/09</i>	<i>3:40</i>		<i>X</i>	<i>MM INF</i>	<i>Ag</i>	<i>1</i>		<i>2864</i>
<i>2/27/09</i>	<i>3:45</i>		<i>X</i>	<i>MM EFF T-1 D-6</i>	<i>Ag</i>	<i>1</i>		<i>2865</i>
<i>2/27/09</i>	<i>3:50</i>		<i>X</i>	<i>MM EFF T-2 D-1</i>	<i>Ag</i>	<i>1</i>		<i>2866</i>
4								
5								
6								
7								
8								
9								
10								

**\*\*LAB USE ONLY BELOW THIS LINE\*\***

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance	
Container Type:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments:		
Preservation:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments:		
Holding Time:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments:		
Temperature:	Y <input type="checkbox"/>	N <input type="checkbox"/>
Comments:	<i>3°C - N/A bk for metals only</i>	

<i>Nathan Simon</i>	<i>2/27/09 @ 4:00</i>	Total Cost:	<input type="text"/>
Sampled By	Date/Time		
<i>Nathan Simon</i>	<i>2/3/09 @ 4:05</i>	P.I.F.	<input type="text"/>
Relinquished By	Date/Time		
<i>M. Kline</i>	<i>3/3/09 1605</i>		
Received By	Date/Time		
<i>Elizabeth A Honck</i>	<i>3/3/09 1630</i>		
Received @ Lab By	Date/Time		

## Analytical Report Cover Page

### Day Environmental

For Lab Project # 09-0795

Issued March 13, 2009

This report contains a total of 4 pages

The reported results relate only to the samples as they have been received by the laboratory.

Any noncompliant QC parameters having impact on the data are flagged or documented on the final report.

All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

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**"D" = Duplicate results outside QC limits. May indicate a non-homogenous matrix.**

**"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.**

**"B" = Method blank contained trace levels of analyte. Refer to included method blank report.**



Client: Day Environmental, Inc.

Lab Project No.: 09-0795

Client Job Site: Mt. Read

Sample Type: Water  
Method: EPA 200.7

Client Job No.: 3681R-05


Date(s) Sampled: 03/06/2009  
Date Received: 03/06/2009  
Date Analyzed: 03/10/2009

### Laboratory Report for Metals Analysis in Water

Lab Sample No.	Field ID No.	Field Location	Chromium Results (mg/L)
2960	N/A	Sys Eff	<0.010

ELAP ID No.: 10958

Comments:

Approved By:   
Bruce Hoogesteger, Technical Director

**Volatile Analysis Report for Non-potable Water**Client: **Day Environmental Inc**

Client Job Site: Mt Read

Lab Project Number: 09-0795

Lab Sample Number: 2960

Client Job Number: 3681R-05

Field Location: Sys Eff

Date Sampled: 03/06/2009

Field ID Number: N/A

Date Received: 03/06/2009

Sample Type: Water

Date Analyzed: 03/11/2009

Halocarbons	Results in ug / L	Halocarbons	Results in ug / L
Bromodichloromethane	ND< 2.00	trans-1,2-Dichloroethene	ND< 2.00
Bromomethane	ND< 2.00	1,2-Dichloropropane	ND< 2.00
Bromoform	ND< 5.00	cis-1,3-Dichloropropene	ND< 2.00
Carbon Tetrachloride	ND< 2.00	trans-1,3-Dichloropropene	ND< 2.00
Chloroethane	ND< 2.00	Methylene chloride	ND< 5.00
Chloromethane	ND< 2.00	1,1,2,2-Tetrachloroethane	ND< 2.00
2-Chloroethyl vinyl Ether	ND< 10.0	Tetrachloroethene	ND< 2.00
Chloroform	ND< 2.00	1,1,1-Trichloroethane	ND< 2.00
Dibromochloromethane	ND< 2.00	1,1,2-Trichloroethane	ND< 2.00
1,1-Dichloroethane	ND< 2.00	Trichloroethene	ND< 2.00
1,2-Dichloroethane	ND< 2.00	Trichlorofluoromethane	ND< 2.00
1,1-Dichloroethene	ND< 2.00	Vinyl chloride	73.1
Chlorobenzene	ND< 2.00	1,3-Dichlorobenzene	ND< 2.00
1,2-Dichlorobenzene	ND< 2.00	1,4-Dichlorobenzene	ND< 2.00
cis-1,2-Dichloroethene	4.23		

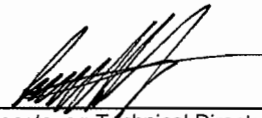
ELAP Number 10958

Method: EPA 8260B

Data File: V64107.D

Comments: ND denotes Non Detect  
ug / L = microgram per Liter

Signature:

  
 Bruce Hoogesteger: Technical Director

# PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue  
Rochester, NY 14608  
(585) 647-2530 • (800) 724-1997  
FAX: (585) 647-3311

## CHAIN OF CUSTODY

REPORT TO:				INVOICE TO:			
COMPANY: DAY Environmental Inc		COMPANY:		LAB PROJECT #: 09-0795		CLIENT PROJECT #: 3681205	
ADDRESS: 40 Commercial St		ADDRESS:		TURNAROUND TIME: (WORKING DAYS)		STANDARD OTHER	
CITY: Rochester STATE: NY ZIP: 14614		CITY: SAME STATE: ZIP:		<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input checked="" type="checkbox"/> 5 <input type="checkbox"/>			
PHONE: 454-0210 FAX: 454-6825		PHONE: FAX:		QUOTE #:			
PROJECT NAME/SITE NAME: MT Road				ATTN: Nsimon B Kline			
COMMENTS: Please Email Results							

REQUESTED ANALYSIS															
DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	COUNTAINERS	total CF	#lab Vocs	+ CIS, 1,2 DCE	log client history	EAH 3(6)	REMARKS	PARADIGM LAB SAMPLE NUMBER		
1	3/6/09 9:15		X	SYS EFF	Aq	3	X	X							2960
2	9:40														
3															
4															
5															
6															
7															
8															
9															
10															

**\*\*LAB USE ONLY BELOW THIS LINE\*\***

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance	
Container Type: Comments: _____	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Preservation: Comments: _____	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Holding Time: Comments: _____	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Temperature: Comments: 10°Ciced pres begun in field	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>

Nathaniel Simon Sampled By Date/Time: 3/6/09 @ 9:40		Total Cost: <span style="border: 1px solid black; display: inline-block; width: 80px; height: 30px; vertical-align: middle;"></span>
Nathaniel Simon Relinquished By Date/Time: 3/6/09 @ 11:03		P.I.F.: <span style="border: 1px solid black; display: inline-block; width: 80px; height: 30px; vertical-align: middle;"></span>
Elizabeth A. Honch Received By Date/Time: 3/6/09 11:03		
Elizabeth A. Honch Received @ Lab By Date/Time: 3/6/09 12:05		

## Analytical Report Cover Page

### Day Environmental

For Lab Project # 09-0797

Issued March 13, 2009

This report contains a total of 6 pages

The reported results relate only to the samples as they have been received by the laboratory.

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**"E" = Result has been estimated, calibration limit exceeded.**

**"D" = Duplicate results outside QC limits. May indicate a non-homogenous matrix.**

**"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.**

**"B" = Method blank contained trace levels of analyte. Refer to included method blank report.**

**Client:** Day Environmental, Inc.
**Lab Project No.:** 09-0797

**Client Job Site:** Mt. Read

**Sample Type:** Water  
**Method:** EPA 200.7

**Client Job No.:** 3681R-05

**Date(s) Sampled:** 03/06/2009  
**Date Received:** 03/06/2009  
**Date Analyzed:** 03/10/2009

**Laboratory Report for Metals Analysis in Water**

Lab Sample No.	Field ID No.	Field Location	Chromium Results (mg/L)
2962	N/A	MM Inf	0.086
2963	N/A	MM Eff T-1 D-6	0.213
2964	N/A	MM Eff T-2 D-1	0.070

ELAP ID No.: 10958

Comments:

**Approved By:**   
 Bruce Hoogesteger, Technical Director

**Volatile Analysis Report for Non-potable Water**Client: **Day Environmental Inc**

Client Job Site: Mt Read

Lab Project Number: 09-0797

Lab Sample Number: 2965

Client Job Number: 3681R-05

Field Location: GAC Inf

Date Sampled: 03/06/2009

Field ID Number: N/A

Date Received: 03/06/2009

Sample Type: Water

Date Analyzed: 03/10/2009

Halocarbons	Results in ug / L	Halocarbons	Results in ug / L
Bromodichloromethane	ND< 100	trans-1,2-Dichloroethene	ND< 100
Bromomethane	ND< 100	1,2-Dichloropropane	ND< 100
Bromoform	ND< 250	cis-1,3-Dichloropropene	ND< 100
Carbon Tetrachloride	ND< 100	trans-1,3-Dichloropropene	ND< 100
Chloroethane	ND< 100	Methylene chloride	ND< 250
Chloromethane	ND< 100	1,1,2,2-Tetrachloroethane	ND< 100
2-Chloroethyl vinyl Ether	ND< 500	Tetrachloroethene	1,640
Chloroform	ND< 100	1,1,1-Trichloroethane	ND< 100
Dibromochloromethane	ND< 100	1,1,2-Trichloroethane	ND< 100
1,1-Dichloroethane	ND< 100	Trichloroethene	979
1,2-Dichloroethane	ND< 100	Trichlorofluoromethane	ND< 100
1,1-Dichloroethene	ND< 100	Vinyl chloride	107
Chlorobenzene	ND< 100	1,3-Dichlorobenzene	ND< 100
1,2-Dichlorobenzene	ND< 100	1,4-Dichlorobenzene	ND< 100
cis-1,2-Dichloroethene	792		

ELAP Number 10958

Method: EPA 8260B

Data File: V64063.D

Comments: ND denotes Non Detect  
ug / L = microgram per Liter

Signature: \_\_\_\_\_

Bruce Hoogesteger: Technical Director



### Volatile Analysis Report for Non-potable Water

**Client:** Day Environmental Inc

<b>Client Job Site:</b> Mt Read	<b>Lab Project Number:</b> 09-0797	<b>Lab Sample Number:</b> 2966
<b>Client Job Number:</b> 3681R-05	<b>Date Sampled:</b> 03/06/2009	<b>Date Received:</b> 03/06/2009
<b>Field Location:</b> GAC Eff T-1 D-1	<b>Date Analyzed:</b> 03/11/2009	
<b>Field ID Number:</b> N/A		
<b>Sample Type:</b> Water		

Halocarbons	Results in ug / L	Halocarbons	Results in ug / L
Bromodichloromethane	ND< 2.00	trans-1,2-Dichloroethene	ND< 2.00
Bromomethane	ND< 2.00	1,2-Dichloropropane	ND< 2.00
Bromoform	ND< 5.00	cis-1,3-Dichloropropene	ND< 2.00
Carbon Tetrachloride	ND< 2.00	trans-1,3-Dichloropropene	ND< 2.00
Chloroethane	ND< 2.00	Methylene chloride	ND< 5.00
Chloromethane	ND< 2.00	1,1,2,2-Tetrachloroethane	ND< 2.00
2-Chloroethyl vinyl Ether	ND< 10.0	Tetrachloroethene	ND< 2.00
Chloroform	ND< 2.00	1,1,1-Trichloroethane	ND< 2.00
Dibromochloromethane	ND< 2.00	1,1,2-Trichloroethane	ND< 2.00
1,1-Dichloroethane	ND< 2.00	Trichloroethene	ND< 2.00
1,2-Dichloroethane	ND< 2.00	Trichlorofluoromethane	ND< 2.00
1,1-Dichloroethene	ND< 2.00	Vinyl chloride	12.2
Chlorobenzene	ND< 2.00	1,3-Dichlorobenzene	ND< 2.00
1,2-Dichlorobenzene	ND< 2.00	1,4-Dichlorobenzene	ND< 2.00
cis-1,2-Dichloroethene	22.0		

ELAP Number 10958

Method: EPA 8260B

Data File: V64103.D

Comments: ND denotes Non Detect  
 ug / L = microgram per Liter

Signature:


  
 \_\_\_\_\_  
 Bruce Hoogesteger, Technical Director

### Volatile Analysis Report for Non-potable Water

**Client:** Day Environmental Inc

<b>Client Job Site:</b> Mt Read	<b>Lab Project Number:</b> 09-0797	<b>Lab Sample Number:</b> 2967
<b>Client Job Number:</b> 3681R-05	<b>Date Sampled:</b> 03/06/2009	<b>Date Received:</b> 03/06/2009
<b>Field Location:</b> GAC Eff T-2 D-7	<b>Date Analyzed:</b> 03/11/2009	
<b>Field ID Number:</b> N/A		
<b>Sample Type:</b> Water		

Halocarbons	Results in ug / L	Halocarbons	Results in ug / L
Bromodichloromethane	ND< 10.0	trans-1,2-Dichloroethene	ND< 10.0
Bromomethane	ND< 10.0	1,2-Dichloropropane	ND< 10.0
Bromoform	ND< 25.0	cis-1,3-Dichloropropene	ND< 10.0
Carbon Tetrachloride	ND< 10.0	trans-1,3-Dichloropropene	ND< 10.0
Chloroethane	ND< 10.0	Methylene chloride	ND< 25.0
Chloromethane	ND< 10.0	1,1,2,2-Tetrachloroethane	ND< 10.0
2-Chloroethyl vinyl Ether	ND< 50.0	Tetrachloroethene	14.7
Chloroform	ND< 10.0	1,1,1-Trichloroethane	ND< 10.0
Dibromochloromethane	ND< 10.0	1,1,2-Trichloroethane	ND< 10.0
1,1-Dichloroethane	ND< 10.0	Trichloroethene	33.2
1,2-Dichloroethane	ND< 10.0	Trichlorofluoromethane	ND< 10.0
1,1-Dichloroethene	ND< 10.0	Vinyl chloride	ND< 10.0
Chlorobenzene	ND< 10.0	1,3-Dichlorobenzene	ND< 10.0
1,2-Dichlorobenzene	ND< 10.0	1,4-Dichlorobenzene	ND< 10.0
cis-1,2-Dichloroethene	1,090		


ELAP Number 10958

Method: EPA 8260B

Data File: V64104.D

Comments: ND denotes Non Detect  
ug / L = microgram per Liter

Signature: \_\_\_\_\_

  
 Bruce Hoogesteger: Technical Director

# PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue  
Rochester, NY 14608  
(585) 647-2530 • (800) 724-1997  
FAX: (585) 647-3311

## CHAIN OF CUSTODY

REPORT TO:

INVOICE TO:

COMPANY: Day Environmental Inc	COMPANY:	LAB PROJECT #: 09-0797	CLIENT PROJECT #: 3681R05
ADDRESS: 40 Commercial St	ADDRESS:	TURNAROUND TIME: (WORKING DAYS)	
CITY: Rochester STATE: NY ZIP: 14614	CITY: STATE: ZIP:	STD <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input checked="" type="checkbox"/> 5 <input type="checkbox"/> OTHER	
PHONE: 585-454-0210 FAX: 454-0825	PHONE: FAX:	QUOTE #:	
ATTN: N. Simon/B Kline	ATTN:		
COMMENTS: Please Email Results			

PROJECT NAME/SITE NAME:

MT Read

### REQUESTED ANALYSIS

DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	CONTAMINERS	Total Cr	Hex Vecs	+ Cl's 1,2 ACE	(per client history EAH 3/16)	REMARKS	PARADIGM LAB SAMPLE NUMBER
1 3/6/09	9:45			MM INF	Ag	1	X					2962
2 3/6/09	9:00			MM EFF T-1 D-6	Ag	1	X					2963
3 3/6/09	9:10			MM EFF T-2 D-1	Ag	1	X					2964
4 3/6/09	9:20			GAC INF	Ag	2		X				2965
5 3/6/09	9:25			GAC EFF T-1 D-1	Ag	2		X				2966
6 3/6/09	9:30			GAC EFF T-2 D-7	Ag	2		X				2967
7												
8												
9												
10												

\*\*LAB USE ONLY BELOW THIS LINE\*\*

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance	
Container Type:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments: _____		
Preservation:	Y <input type="checkbox"/>	N <input checked="" type="checkbox"/>
Comments: HNO <sub>3</sub> added to MM Inf metals at lab		
Holding Time:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments: _____		
Temperature:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments: 10°C iced-pres. begun in field		

Sampled By: <u>Nathaniel Simon</u>	Date/Time: <u>3/6/09 10:40</u>	Total Cost: <input type="text"/>
Relinquished By: <u>[Signature]</u>	Date/Time: <u>3/6/09 @ 11:03</u>	
Received By: <u>[Signature]</u>	Date/Time: <u>3/6/09 11:03</u>	P.I.F. <input type="text"/>
Received @ Lab By: <u>Elizabeth A. Honch</u>	Date/Time: <u>3/6/09 12:12</u>	

## Analytical Report Cover Page

### Day Environmental

For Lab Project # 09-0940

Issued March 23, 2009

This report contains a total of 3 pages

The reported results relate only to the samples as they have been received by the laboratory.

Any noncompliant QC parameters having impact on the data are flagged or documented on the final report.

All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

Each page of this document is part of a multipage report. This document may not be reproduced except in its entirety, without the prior consent of Paradigm Environmental Services, Inc.

The Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt. Sample condition requirements are defined under the 2003 NELAC Standard, sections 5.5.8.3.1 and 5.5.8.3.2.

NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified.

Data qualifiers are used, when necessary, to provide additional information about the data. This information may be communicated as a flag or as text at the bottom of the report. Please refer to the following list of frequently used data flags and their meaning:

**"ND" = analyzed for but not detected.**

**"E" = Result has been estimated, calibration limit exceeded.**

**"D" = Duplicate results outside QC limits. May indicate a non-homogenous matrix.**

**"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.**

**"B" = Method blank contained trace levels of analyte. Refer to included method blank report.**



**Client:** Day Environmental Inc

**Lab Project No.:** 09-0940

**Client Job Site:** Mt Read

**Sample Type:** Water

**Method:** EPA 200.7

**Client Job No.:** 3681R-05

**Date(s) Sampled:** 03/13/2009

**Date Received:** 03/16/2009

**Date Analyzed:** 03/23/2009

**Laboratory Report for Metals Analysis in Water**

Lab Sample No.	Field ID No.	Field Location	Chromium Results (mg/L)
3438	N/A	MM INF	0.048
3439	N/A	MM EFF T-1 D-6	0.020
3440	N/A	MM EFF T-2 D-1	0.064 D,M

ELAP ID No.: 10958

Comments:

Approved By: \_\_\_\_\_

Bruce Hoogsteger, Technical Director

# PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue  
Rochester, NY 14608  
(585) 647-2530 • (800) 724-1997  
FAX: (585) 647-3311

## CHAIN OF CUSTODY

REPORT TO:				INVOICE TO:			
COMPANY: DAY Environmental Inc		ADDRESS: 40 Commercial St		COMPANY:		ADDRESS:	
CITY: Rochester		STATE: NY		CITY: SAME		STATE: ZIP:	
PHONE: 454 0210		FAX: 454 0825		PHONE:		FAX:	
PROJECT NAME/SITE NAME: MT Read				ATTN: N. Simon / B. Kline			
COMMENTS: Please Email Results				ATTN:			
				LAB PROJECT #: 09-0940			
				CLIENT PROJECT #: 3681R-05			
				TURNAROUND TIME: (WORKING DAYS)			
				<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input checked="" type="checkbox"/> 5 <input type="checkbox"/> OTHER			
				QUOTE #:			

### REQUESTED ANALYSIS

DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	CONTAMINERS	Total CC	REMARKS	PARADIGM LAB SAMPLE NUMBER
3/13/09	3:30		X	MM INF	Ag	1	X		3438
3/13/09	3:35		X	MM EFF T-1 D-6	↓	1	X		3439
3/13/09	3:40		X	MM EFF T-2 D-1	↓	1	X		3440
4									
5									
6									
7									
8									
9									
10									

**\*\*LAB USE ONLY BELOW THIS LINE\*\***

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance	
Container Type:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments:		
Preservation:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments:		
Holding Time:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments:		
Temperature:	Y <input type="checkbox"/>	N <input type="checkbox"/>
Comments:	10°C - N/A bio for metals only	

<u>Nathan Simon</u>	<u>3/13/09</u>	Total Cost:	<input type="text"/>
Sampled By	Date/Time		
<u>Nathan Simon</u>	<u>3/16/09 9:20</u>	P.I.F.	<input type="text"/>
Relinquished By	Date/Time		
<u>Elizabeth A. Honch</u>	<u>3/16/09 16:55</u>		
Received By	Date/Time		
Received @ Lab By	Date/Time		

## Analytical Report Cover Page

Day Environmental

For Lab Project # 09-1116

Issued April 1, 2009

This report contains a total of 3 pages

The reported results relate only to the samples as they have been received by the laboratory.

Any noncompliant QC parameters having impact on the data are flagged or documented on the final report.

All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

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The Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt. Sample condition requirements are defined under the 2003 NELAC Standard, sections 5.5.8.3.1 and 5.5.8.3.2.

NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified.

Data qualifiers are used, when necessary, to provide additional information about the data. This information may be communicated as a flag or as text at the bottom of the report. Please refer to the following list of frequently used data flags and their meaning:

**"ND" = analyzed for but not detected.**

**"E" = Result has been estimated, calibration limit exceeded.**

**"D" = Duplicate results outside QC limits. May indicate a non-homogenous matrix.**

**"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.**

**"B" = Method blank contained trace levels of analyte. Refer to included method blank report.**

Client: Day Environmental Inc

Lab Project No.: 09-1116

Client Job Site: Mt Read

 Sample Type: Water  
 Method: EPA 200.7

Client Job No.: 3681R-05

 Date(s) Sampled: 03/20/2009  
 Date Received: 03/27/2009  
 Date Analyzed: 03/31/2009

**Laboratory Report for Metals Analysis in Water**

Lab Sample No.	Field ID No.	Field Location	Chromium Results (mg/L)
3935	N/A	MM INF	0.042
3936	N/A	MM EFF T-1 D-6	0.031
3937	N/A	MM EFF T-2 D-10	0.083

ELAP ID No.: 10958

Comments:

 Approved By: Bruce Hoogesteger  
 Bruce Hoogesteger, Technical Director



# PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue  
Rochester, NY 14608  
(585) 647-2530 • (800) 724-1997  
FAX: (585) 647-3311

## CHAIN OF CUSTODY

REPORT TO:		INVOICE TO:		LAB PROJECT #:	CLIENT PROJECT #:
COMPANY: DAY Environmental Inc	COMPANY:	ADDRESS: 40 Commercial St	ADDRESS:	09-1116	3681 R05
CITY: Rochester STATE: NY ZIP: 14614	CITY: STATE: ZIP:	PHONE: 585 454 0210 FAX: 454 0825	PHONE: STATE: ZIP:	TURNAROUND TIME: (WORKING DAYS)	
ATTN: N Simon / B Kline	ATTN:	COMMENTS: Please Email Results		<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input checked="" type="checkbox"/> 5 <input type="checkbox"/> OTHER	QUOTE #:

PROJECT NAME/SITE NAME:  
~~MT Read~~ MT Read

### REQUESTED ANALYSIS

DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	CONTAMINERS	Total CF	REMARKS	PARADIGM LAB SAMPLE NUMBER
3/20/09	8:30		X	MM INF	Ag	1	X		3935
3/20/09	8:35		X	MM EFF T-1 D-6	Ag	1	X		3936
3/20/09	8:40		X	MM EFF T-2 D-10	Ag	1	X		3937
4									
5									
6									
7									
8									
9									
10									

\*\*LAB USE ONLY BELOW THIS LINE\*\*

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance	
Container Type:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments:		
Preservation:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments:		
Holding Time:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments:		
Temperature:	Y <input type="checkbox"/>	N <input type="checkbox"/>
Comments:	17°C - N/A	
	b/c for metals only	

Sampled By: <u>Nathan Simon</u>	Date/Time: <u>3/20/09 @ 8:50</u>	Total Cost:	<input type="text"/>
Relinquished By: <u>Nathan Simon</u>	Date/Time: <u>3/27/09 3:12</u>		
Received By: <u>[Signature]</u>	Date/Time: <u>3/27/09 3:12pm</u>	P.I.F.	<input type="text"/>
Received @ Lab By: <u>Elizabeth A. Honck</u>	Date/Time: <u>3/27/09 1700</u>		

## Analytical Report Cover Page

Day Environmental

For Lab Project # 09-1146

Issued April 3, 2009

This report contains a total of 3 pages

The reported results relate only to the samples as they have been received by the laboratory.

Any noncompliant QC parameters having impact on the data are flagged or documented on the final report.

All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

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NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified.

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**"E" = Result has been estimated, calibration limit exceeded.**

**"D" = Duplicate results outside QC limits. May indicate a non-homogenous matrix.**

**"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.**

**"B" = Method blank contained trace levels of analyte. Refer to included method blank report.**

**Client:** Day Environmental, Inc.

**Lab Project No.:** 09-1146

**Client Job Site:** Mt. Read

**Sample Type:** Water  
**Method:** EPA 200.7

**Client Job No.:** 3681R-05

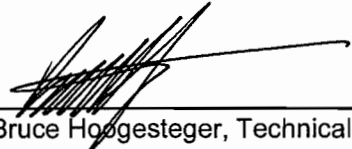
**Date(s) Sampled:** 03/27/2009  
**Date Received:** 03/31/2009  
**Date Analyzed:** 04/02/2009

**Laboratory Report for Metals Analysis in Water**

Lab Sample No.	Field ID No.	Field Location	Chromium Results (mg/L)
4032	N/A	MM Inf	0.068
4033	N/A	MM Eff T-1 D-6	0.035
4034	N/A	MM Eff T-2 D-1	0.057

ELAP ID No.: 10958

Comments:

**Approved By:**   
Bruce Hoogesteger, Technical Director

# PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue  
Rochester, NY 14608  
(585) 647-2530 • (800) 724-1997  
FAX: (585) 647-3311

## CHAIN OF CUSTODY

REPORT TO:				INVOICE TO:			
COMPANY:	Day Environmental Inc			COMPANY:	SAME		
ADDRESS:	40 Commercial St			ADDRESS:	SAME		
CITY:	Rochester	STATE:	NY	CITY:	STATE:	ZIP:	14614
PHONE:	454 0210	FAX:	454 0825	PHONE:	FAX:		
ATTN:	N Simon / B Mine			ATTN:			
COMMENTS:	Please Email Results						QUOTE #:

PROJECT NAME/SITE NAME:

Mt Read

LAB PROJECT #:	09-1146	CLIENT PROJECT #:	3681R-05
TURNAROUND TIME: (WORKING DAYS)			
<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input checked="" type="checkbox"/> 5
STD			OTHER

### REQUESTED ANALYSIS

DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	CONTAMINERS	Total Cr	REMARKS	PARADIGM LAB SAMPLE NUMBER
1 3/27/09			X	MM INF	Ag	1	X		4032
2 3/27/09			X	MM EFF T-1 D-6	Ag	1	X		4033
3 3/27/09			X	MM EFF T-2 D-1	Ag	1	X		4034
4									
5									
6									
7									
8									
9									
10									

**\*\*LAB USE ONLY BELOW THIS LINE\*\***

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance	
Container Type:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments:		
Preservation:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments:		
Holding Time:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments:		
Temperature:	Y <input type="checkbox"/>	N <input type="checkbox"/>
Comments:	6°Ciced - N/A h/c for metals only	

Nathan Simon 3/26/09  
Sampled By Date/Time  
Nathan Simon 3/31/09 4:50  
Relinquished By Date/Time  
[Signature] 3/31/09 16:50  
Received By Date/Time  
Elizabeth A Honch 3/31/09 17:05  
Received @ Lab By Date/Time

Total Cost:

P.I.F.

## Analytical Report Cover Page

Day Environmental

For Lab Project # 09-1204

Issued April 9, 2009

This report contains a total of 4 pages

The reported results relate only to the samples as they have been received by the laboratory.

Any noncompliant QC parameters having impact on the data are flagged or documented on the final report.

All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

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**"D" = Duplicate results outside QC limits. May indicate a non-homogenous matrix.**

**"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.**

**"B" = Method blank contained trace levels of analyte. Refer to included method blank report.**

**Client:** Day Environmental Inc.

**Lab Project No.:** 09-1204

**Client Job Site:** Mt Read

**Sample Type:** Water  
**Method:** EPA 200.7

**Client Job No.:** 3681R-05

**Date(s) Sampled:** 04/03/2009  
**Date Received:** 04/03/2009  
**Date Analyzed:** 04/07/2009

**Laboratory Report for Metals Analysis in Water**

Lab Sample No.	Field ID No.	Field Location	Chromium Results (mg/L)
4274	N/A	Sys Eff	<0.010

ELAP ID No.: 10958

Comments:

**Approved By:** *Bruce Hoogesteger*  
Bruce Hoogesteger, Technical Director

**Volatile Analysis Report for Non-potable Water**Client: **Day Environmental**

Client Job Site: Mt Read

Lab Project Number: 09-1204

Lab Sample Number: 4274

Client Job Number: 3681R-05

Field Location: Sys Eff

Date Sampled: 04/03/2009

Field ID Number: N/A

Date Received: 04/03/2009

Sample Type: Water

Date Analyzed: 04/09/2009

Halocarbons	Results in ug / L	Halocarbons	Results in ug / L
Bromodichloromethane	ND< 2.00	trans-1,2-Dichloroethene	ND< 2.00
Bromomethane	ND< 2.00	1,2-Dichloropropane	ND< 2.00
Bromoform	ND< 5.00	cis-1,3-Dichloropropene	ND< 2.00
Carbon Tetrachloride	ND< 2.00	trans-1,3-Dichloropropene	ND< 2.00
Chloroethane	ND< 2.00	Methylene chloride	ND< 5.00
Chloromethane	ND< 2.00	1,1,2,2-Tetrachloroethane	ND< 2.00
2-Chloroethyl vinyl Ether	ND< 10.0	Tetrachloroethene	ND< 2.00
Chloroform	ND< 2.00	1,1,1-Trichloroethane	ND< 2.00
Dibromochloromethane	ND< 2.00	1,1,2-Trichloroethane	ND< 2.00
1,1-Dichloroethane	ND< 2.00	Trichloroethene	ND< 2.00
1,2-Dichloroethane	ND< 2.00	Trichlorofluoromethane	ND< 2.00
1,1-Dichloroethene	ND< 2.00	Vinyl chloride	83.1
Chlorobenzene	ND< 2.00	1,3-Dichlorobenzene	ND< 2.00
1,2-Dichlorobenzene	ND< 2.00	1,4-Dichlorobenzene	ND< 2.00
cis-1,2-Dichloroethene	85.2		

ELAP Number 10958

Method: EPA 8260B

Data File: V64888.D

Comments: ND denotes Non Detect  
ug / L = microgram per Liter

Signature: \_\_\_\_\_

  
 Bruce Hoogsteger: Technical Director

# PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue  
Rochester, NY 14608  
(585) 647-2530 • (800) 724-1997  
FAX: (585) 647-3311

## CHAIN OF CUSTODY

REPORT TO:		INVOICE TO:		LAB PROJECT #:	CLIENT PROJECT #:
COMPANY: DAY Environmental Inc	COMPANY:	ADDRESS: 40 Commercial St	ADDRESS:	09-1204	3621R-05
CITY: Rochester STATE: NY ZIP: 14614	CITY: SAME STATE: ZIP:	PHONE: 454-0210 FAX: 454-0825	PHONE: FAX:	TURNAROUND TIME: (WORKING DAYS)	
ATTN: N Simon / B Kline	ATTN:	COMMENTS: Please Email Results		<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input checked="" type="checkbox"/> 5 <input type="checkbox"/> OTHER	QUOTE #:

PROJECT NAME/SITE NAME:  
*Mt Read*

### REQUESTED ANALYSIS

DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	CONTAINER	Total Cr	Other	REMARKS	PARADIGM LAB SAMPLE NUMBER
4/3/09	8:25/9:10		X	SYS EFF	Ag	3	X	X		4274
2										
3										
4										
5										
6										
7										
8										
9										
10										

**\*\*LAB USE ONLY BELOW THIS LINE\*\***

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance	
Container Type:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments:		
Preservation:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments:		
Holding Time:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments:		
Temperature:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments:	12°C iced pres begun in field	

<i>Nathan Simon</i>	4/3/09 @ 9:10	Total Cost:	<input type="text"/>
Sampled By	Date/Time		
<i>Nathan Simon</i>	4/3/09: 9:25	P.I.F.	<input type="text"/>
Relinquished By	Date/Time		
<i>Elizabeth A. Honch</i>	4/3/09 9:25 AM		
Received By	Date/Time		
Received @ Lab By	Date/Time		



## Analytical Report Cover Page

### Day Environmental

For Lab Project # 09-1205

Issued April 10, 2009

This report contains a total of 6 pages

The reported results relate only to the samples as they have been received by the laboratory.

Any noncompliant QC parameters having impact on the data are flagged or documented on the final report.

All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

Each page of this document is part of a multipage report. This document may not be reproduced except in its entirety, without the prior consent of Paradigm Environmental Services, Inc.

The Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt. Sample condition requirements are defined under the 2003 NELAC Standard, sections 5.5.8.3.1 and 5.5.8.3.2.

NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified.

Data qualifiers are used, when necessary, to provide additional information about the data. This information may be communicated as a flag or as text at the bottom of the report. Please refer to the following list of frequently used data flags and their meaning:

**"ND" = analyzed for but not detected.**

**"E" = Result has been estimated, calibration limit exceeded.**

**"D" = Duplicate results outside QC limits. May indicate a non-homogenous matrix.**

**"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.**

**"B" = Method blank contained trace levels of analyte. Refer to included method blank report.**



**Client:** Day Environmental Inc

**Lab Project No.:** 09-1205

**Client Job Site:** Mt Read

**Sample Type:** Water  
**Method:** EPA 200.7

**Client Job No.:** 3681R-05

**Date(s) Sampled:** 04/03/2009  
**Date Received:** 04/03/2009  
**Date Analyzed:** 04/07/2009

**Laboratory Report for Metals Analysis in Water**

Lab Sample No.	Field ID No.	Field Location	Chromium Results (mg/L)
4275	N/A	MM INF	0.049
4276	N/A	MM EFF T-1 D-6	0.067
4277	N/A	MM EFF T-2 D-1	0.018

ELAP ID No.: 10958

Comments:

**Approved By:**   
Bruce Hoogesteger, Technical Director



**Volatile Analysis Report for Non-potable Water**

Client: **Day Environmental Inc**

Client Job Site: Mt Read

Lab Project Number: 09-1205

Client Job Number: 3681R-05

Lab Sample Number: 4278

Field Location: AC Inf

Date Sampled: 04/03/2009

Field ID Number: N/A

Date Received: 04/03/2009

Sample Type: Water

Date Analyzed: 04/09/2009

Halocarbons	Results in ug / L	Halocarbons	Results in ug / L
Bromodichloromethane	ND< 20.0	trans-1,2-Dichloroethene	ND< 20.0
Bromomethane	ND< 20.0	1,2-Dichloropropane	ND< 20.0
Bromoform	ND< 50.0	cis-1,3-Dichloropropene	ND< 20.0
Carbon Tetrachloride	ND< 20.0	trans-1,3-Dichloropropene	ND< 20.0
Chloroethane	ND< 20.0	Methylene chloride	ND< 50.0
Chloromethane	ND< 20.0	1,1,2,2-Tetrachloroethane	ND< 20.0
2-Chloroethyl vinyl Ether	ND< 100	Tetrachloroethene	1,740
Chloroform	ND< 20.0	1,1,1-Trichloroethane	ND< 20.0
Dibromochloromethane	ND< 20.0	1,1,2-Trichloroethane	ND< 20.0
1,1-Dichloroethane	ND< 20.0	Trichloroethene	920
1,2-Dichloroethane	ND< 20.0	Trichlorofluoromethane	ND< 20.0
1,1-Dichloroethene	ND< 20.0	Vinyl chloride	107
Chlorobenzene	ND< 20.0	1,3-Dichlorobenzene	ND< 20.0
1,2-Dichlorobenzene	ND< 20.0	1,4-Dichlorobenzene	ND< 20.0
cis-1,2-Dichloroethene	763		

ELAP Number 10958

Method: EPA 8260B

Data File: V64891.D

Comments: ND denotes Non Detect  
ug / L = microgram per Liter

Signature: \_\_\_\_\_

Bruce Hoogesteger, Technical Director

### Volatile Analysis Report for Non-potable Water

**Client:** Day Environmental Inc

<b>Client Job Site:</b> Mt Read	<b>Lab Project Number:</b> 09-1205
<b>Client Job Number:</b> 3681R-05	<b>Lab Sample Number:</b> 4279
<b>Field Location:</b> AC Eff T-1 D-1	<b>Date Sampled:</b> 04/03/2009
<b>Field ID Number:</b> N/A	<b>Date Received:</b> 04/03/2009
<b>Sample Type:</b> Water	<b>Date Analyzed:</b> 04/09/2009

Halocarbons	Results in ug / L	Halocarbons	Results in ug / L
Bromodichloromethane	ND< 2.00	trans-1,2-Dichloroethene	ND< 2.00
Bromomethane	ND< 2.00	1,2-Dichloropropane	ND< 2.00
Bromoform	ND< 5.00	cis-1,3-Dichloropropene	ND< 2.00
Carbon Tetrachloride	ND< 2.00	trans-1,3-Dichloropropene	ND< 2.00
Chloroethane	ND< 2.00	Methylene chloride	ND< 5.00
Chloromethane	ND< 2.00	1,1,2,2-Tetrachloroethane	ND< 2.00
2-Chloroethyl vinyl Ether	ND< 10.0	Tetrachloroethene	ND< 2.00
Chloroform	ND< 2.00	1,1,1-Trichloroethane	ND< 2.00
Dibromochloromethane	ND< 2.00	1,1,2-Trichloroethane	ND< 2.00
1,1-Dichloroethane	ND< 2.00	Trichloroethene	ND< 2.00
1,2-Dichloroethane	ND< 2.00	Trichlorofluoromethane	ND< 2.00
1,1-Dichloroethene	ND< 2.00	Vinyl chloride	19.4
Chlorobenzene	ND< 2.00	1,3-Dichlorobenzene	ND< 2.00
1,2-Dichlorobenzene	ND< 2.00	1,4-Dichlorobenzene	ND< 2.00
cis-1,2-Dichloroethene	9.26		

ELAP Number 10958

Method: EPA 8260B

Data File: V64917.D

Comments: ND denotes Non Detect  
ug / L = microgram per Liter

Signature: \_\_\_\_\_

  
Bruce Hoogesteger, Technical Director



**Volatile Analysis Report for Non-potable Water**

**Client:** Day Environmental Inc

**Client Job Site:** Mt Read

**Lab Project Number:** 09-1205

**Lab Sample Number:** 4280

**Client Job Number:** 3681R-05

**Field Location:** AC Eff T-2 D-7

**Date Sampled:** 04/03/2009

**Field ID Number:** N/A

**Date Received:** 04/03/2009

**Sample Type:** Water

**Date Analyzed:** 04/09/2009

Halocarbons	Results in ug / L	Halocarbons	Results in ug / L
Bromodichloromethane	ND< 20.0	trans-1,2-Dichloroethene	ND< 20.0
Bromomethane	ND< 20.0	1,2-Dichloropropane	ND< 20.0
Bromoform	ND< 50.0	cis-1,3-Dichloropropene	ND< 20.0
Carbon Tetrachloride	ND< 20.0	trans-1,3-Dichloropropene	ND< 20.0
Chloroethane	ND< 20.0	Methylene chloride	ND< 50.0
Chloromethane	ND< 20.0	1,1,2,2-Tetrachloroethane	ND< 20.0
2-Chloroethyl vinyl Ether	ND< 100	Tetrachloroethene	71.1
Chloroform	ND< 20.0	1,1,1-Trichloroethane	ND< 20.0
Dibromochloromethane	ND< 20.0	1,1,2-Trichloroethane	ND< 20.0
1,1-Dichloroethane	ND< 20.0	Trichloroethene	98.1
1,2-Dichloroethane	ND< 20.0	Trichlorofluoromethane	ND< 20.0
1,1-Dichloroethene	ND< 20.0	Vinyl chloride	ND< 20.0
Chlorobenzene	ND< 20.0	1,3-Dichlorobenzene	ND< 20.0
1,2-Dichlorobenzene	ND< 20.0	1,4-Dichlorobenzene	ND< 20.0
cis-1,2-Dichloroethene	1,020		

ELAP Number 10958

Method: EPA 8260B

Data File: V64893.D

Comments: ND denotes Non Detect  
ug / L = microgram per Liter

Signature: \_\_\_\_\_

Bruce Hoogesteger: Technical Director

# PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue  
Rochester, NY 14608  
(585) 647-2530 • (800) 724-1997  
FAX: (585) 647-3311

## CHAIN OF CUSTODY

REPORT TO:				INVOICE TO:			
COMPANY: <i>Day Environmental Inc</i>	ADDRESS: <i>40 Commercial St</i>			COMPANY:	ADDRESS:		
CITY: <i>Rochester</i>	STATE: <i>NY</i>	ZIP: <i>14614</i>		CITY: <i>SAME</i>	STATE:	ZIP:	
PHONE: <i>454-0210</i>	FAX: <i>454-0825</i>			PHONE:	FAX:		
ATTN: <i>N Simon / B Kline</i>				ATTN:			
COMMENTS: <i>Please Email Results</i>				COMMENTS:			
LAB PROJECT #:				CLIENT PROJECT #:		TURNAROUND TIME: (WORKING DAYS)	
<i>09-1205</i>				<i>3681R-05</i>		<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input checked="" type="checkbox"/> 5 <input type="checkbox"/> OTHER	
PROJECT NAME/SITE NAME: <i>Mt Read</i>				QUOTE #:			

### REQUESTED ANALYSIS

DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	CONUTMIBENERS	Total Cr	Hab VOCs +	CIS 1,2,DCE	per-site history	EAH 4/3	REMARKS	PARADIGM LAB SAMPLE NUMBER
<i>4/3/09</i>	<i>8:50</i>		<input checked="" type="checkbox"/>	<i>MM INF</i>	<i>Ag</i>	<i>1</i>	<input checked="" type="checkbox"/>						<i>4275</i>
<i>2</i>	<i>8:15</i>		<input checked="" type="checkbox"/>	<i>MM EFF T-1 D-6</i>		<i>1</i>	<input checked="" type="checkbox"/>						<i>4276</i>
<i>3</i>	<i>8:20</i>		<input checked="" type="checkbox"/>	<i>MM EFF T-2 D-1</i>		<i>1</i>	<input checked="" type="checkbox"/>						<i>4277</i>
<i>4</i>	<i>8:50</i>		<input checked="" type="checkbox"/>	<i>AC INF</i>		<i>2</i>	<input checked="" type="checkbox"/>						<i>4278</i>
<i>5</i>	<i>8:30</i>		<input checked="" type="checkbox"/>	<i>AC EFF T-1 D-1</i>		<i>2</i>	<input checked="" type="checkbox"/>						<i>4279</i>
<i>6</i>	<i>8:40</i>		<input checked="" type="checkbox"/>	<i>AC EFF T-2 D-7</i>		<i>2</i>	<input checked="" type="checkbox"/>						<i>4280</i>
<i>7</i>													
<i>8</i>													
<i>9</i>													
<i>10</i>													

**\*\*LAB USE ONLY BELOW THIS LINE\*\***

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance	
Container Type:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments: _____		
Preservation:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments: _____		
Holding Time:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments: _____		
Temperature:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments: <i>10°Ciced-pres begun in field</i>		

*William Simon* 4/3/09 @ 9:10  
 Sampled By Date/Time  
*William Simon* 4/3/09 9:27  
 Relinquished By Date/Time  
*[Signature]* 4/3/09 9:27am  
 Received By Date/Time  
*Elizabeth A. Honch* 4/3/09 1530  
 Received @ Lab By Date/Time

Total Cost:

P.I.F.

## Analytical Report Cover Page

### Day Environmental

For Lab Project # 09-1356

Issued April 22, 2009

This report contains a total of 3 pages

The reported results relate only to the samples as they have been received by the laboratory.

Any noncompliant QC parameters having impact on the data are flagged or documented on the final report.

All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

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The Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt. Sample condition requirements are defined under the 2003 NELAC Standard, sections 5.5.8.3.1 and 5.5.8.3.2.

NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified.

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**"E" = Result has been estimated, calibration limit exceeded.**

**"D" = Duplicate results outside QC limits. May indicate a non-homogenous matrix.**

**"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.**

**"B" = Method blank contained trace levels of analyte. Refer to included method blank report.**



Client: Day Environmental, Inc.

Lab Project No.: 09-1356

Client Job Site: Mt. Read

Sample Type: Water  
Method: EPA 200.7

Client Job No.: 3681R-05

Date(s) Sampled: 04/09/2009  
Date Received: 04/15/2009  
Date Analyzed: 04/17/2009

### Laboratory Report for Metals Analysis in Water

Lab Sample No.	Field ID No.	Field Location	Chromium Results (mg/L)
4690	N/A	MM Inf	0.082
4691	N/A	MM Eff T-1 D-6	0.026
4692	N/A	MM Eff T-2 D-1	0.083

ELAP ID No.: 10958

Comments:

Approved By: Valmmiller for:  
Bruce Hoogesteger, Technical Director



# PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue  
Rochester, NY 14608  
(585) 647-2530 • (800) 724-1997  
FAX: (585) 647-3311

## CHAIN OF CUSTODY

REPORT TO:		INVOICE TO:		LAB PROJECT #:	CLIENT PROJECT #:
COMPANY: DAY Environmental Inc	ADDRESS: 40 Commercial st	COMPANY:	ADDRESS:	09-1356	3681R-05
CITY: Rochester NY	STATE: NY	STATE: NY	ZIP: 14614	TURNAROUND TIME: (WORKING DAYS)	
PHONE: 585 454-0210	FAX:	PHONE: SAME	FAX:	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input checked="" type="checkbox"/> 5 <input type="checkbox"/> OTHER	
PROJECT NAME/SITE NAME: MT Read	ATTN: N Simon / B Kline	ATTN:	QUOTE #:		
COMMENTS: Please Email Results					

### REQUESTED ANALYSIS

DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	CONTAINER	TOTAL CV	REMARKS	PARADIGM LAB SAMPLE NUMBER
1 4/9/09			X	MM INF	Ag	1	X		4690
2 4/9/09			X	MM EFF T1 D6	↓	1	X		4691
3 4/9/09			X	MM EFF T-2 D-1	↓	1	X		4692
4									
5									
6									
7									
8									
9									
10									

**\*\*LAB USE ONLY BELOW THIS LINE\*\***

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance
Container Type:	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
Comments:	
Preservation:	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
Comments:	
Holding Time:	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
Comments:	
Temperature: 19°C - NA	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
Comments:	

btc for metals only.

Nathan Simon 4/9/09  
 Sampled By Date/Time  
 Nathan Simon 4/15/09 4:15  
 Relinquished By Date/Time  
 [Signature] 4/15/09 1645  
 Received By Date/Time  
 Emily M... 4/15/09 1645  
 Received @ Lab By Date/Time

Total Cost:

P.I.F.



## Analytical Report Cover Page

Day Environmental

For Lab Project # 09-1391

Issued April 23, 2009

This report contains a total of 3 pages

The reported results relate only to the samples as they have been received by the laboratory.

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All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

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**"E" = Result has been estimated, calibration limit exceeded.**

**"D" = Duplicate results outside QC limits. May indicate a non-homogenous matrix.**

**"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.**

**"B" = Method blank contained trace levels of analyte. Refer to included method blank report.**

**Client:** Day Environmental, Inc.
**Lab Project No.:** 09-1391

**Client Job Site:** Mt. Read

**Sample Type:** Water  
**Method:** EPA 200.7

**Client Job No.:** 3681R-05

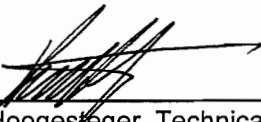
**Date(s) Sampled:** 04/17/2009  
**Date Received:** 04/17/2009  
**Date Analyzed:** 04/22/2009

**Laboratory Report for Metals Analysis in Water**

Lab Sample No.	Field ID No.	Field Location	Chromium Results (mg/L)
4808	N/A	MM Inf	0.101
4809	N/A	MM Eff T-1 D-6	0.023
4810	N/A	MM Eff T-2 D-10	0.027

ELAP ID No.: 10958

Comments:

**Approved By:**   
 Bruce Hoogesteger, Technical Director

# PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue  
Rochester, NY 14608  
(585) 647-2530 • (800) 724-1997  
FAX: (585) 647-3311

## CHAIN OF CUSTODY

REPORT TO:				INVOICE TO:			
COMPANY: <u>Day Environmental Inc</u>		ADDRESS: <u>40 Commercial St</u>		COMPANY:		ADDRESS:	
CITY: <u>Rochester</u> STATE: <u>NY</u> ZIP: <u>14604</u>		PHONE: <u>454-0210</u> FAX: <u>454-0825</u>		CITY:		STATE: ZIP:	
ATTN: <u>N Simon / B Kline</u>		COMMENTS: <u>Please Email Results</u>		PHONE: <u>SAME</u> FAX:		ATTN:	
LAB PROJECT #: <u>09-1391</u>				CLIENT PROJECT #: <u>368/R-05</u>			
TURNAROUND TIME: (WORKING DAYS)				<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input checked="" type="checkbox"/> 5 <input type="checkbox"/> OTHER			
PROJECT NAME/SITE NAME: <u>9M6 Road</u>				QUOTE #:			

### REQUESTED ANALYSIS

DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	CONUTAMBERS	Total	REMARKS	PARADIGM LAB SAMPLE NUMBER
1 4/17/09			X	MM INF	Ag	1	X		4808
2 4/17/09			X	MM EFF TLD-6	Ag	1	X		4809
3 4/17/09			X	MM EFF T-2 D-10	Ag	1	X		4810
4									
5									
6									
7									
8									
9									
10									

**\*\*LAB USE ONLY BELOW THIS LINE\*\***

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance	
Container Type:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments:		
Preservation:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments:		
Holding Time:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments:		
Temperature: <u>19°C - N/A</u>	Y <input type="checkbox"/>	N <input type="checkbox"/>
Comments: <u>ble for metals only</u>		

<u>Nathan Simon</u>	<u>4/17/09 @ 11:55</u>	Total Cost:	<input type="text"/>
Sampled By	Date/Time		
<u>Nathan Simon</u>	<u>4/17/09 @ 12:10</u>	P.I.F.	<input type="text"/>
Relinquished By	Date/Time		
<u>Elizabeth A. Honck</u>	<u>4/17/09 10:10</u>		
Received By	Date/Time		
<u>Elizabeth A. Honck</u>	<u>4/17/09 1530</u>		
Received @ Lab By	Date/Time		

## Analytical Report Cover Page

Day Environmental

For Lab Project # 09-1478

Issued May 1, 2009

This report contains a total of 3 pages

The reported results relate only to the samples as they have been received by the laboratory.

Any noncompliant QC parameters having impact on the data are flagged or documented on the final report.

All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

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The Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt. Sample condition requirements are defined under the 2003 NELAC Standard, sections 5.5.8.3.1 and 5.5.8.3.2.

NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified.

Data qualifiers are used, when necessary, to provide additional information about the data. This information may be communicated as a flag or as text at the bottom of the report. Please refer to the following list of frequently used data flags and their meaning:

**"ND" = analyzed for but not detected.**

**"E" = Result has been estimated, calibration limit exceeded.**

**"D" = Duplicate results outside QC limits. May indicate a non-homogenous matrix.**

**"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.**

**"B" = Method blank contained trace levels of analyte. Refer to included method blank report.**

**Client:** Day Environmental

**Lab Project No.:** 09-1478

**Client Job Site:** Mt. Read

**Sample Type:** Water  
**Method:** EPA 200.7

**Client Job No.:** 3681R-0S

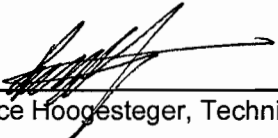
**Date(s) Sampled:** 04/24/2009  
**Date Received:** 04/24/2009  
**Date Analyzed:** 04/30/2009

**Laboratory Report for Metals Analysis in Water**

Lab Sample No.	Field ID No.	Field Location	Chromium Results (mg/L)
5056	N/A	Inf	0.858
5057	N/A	MM T1 D2	11.4
5058	N/A	MM T2 D2	2.35

ELAP ID No.: 10958

Comments:

**Approved By:**   
Bruce Hoogesteger, Technical Director

# PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue  
Rochester, NY 14608  
(585) 647-2530 • (800) 724-1997  
FAX: (585) 647-3311

## CHAIN OF CUSTODY

REPORT TO:			INVOICE TO:		
COMPANY: DAY ENV	ADDRESS: 40 Commercial St		COMPANY:	ADDRESS:	
CITY: Rochester	STATE: NY	ZIP: 14614	CITY:	STATE:	ZIP:
PHONE: 454-0210	FAX:		PHONE:	FAX:	
ATTN: NATE SIMON X109			ATTN:		
COMMENTS: Please email results to nsimon@daymail.net			QUOTE #:		
LAB PROJECT #: 09-1478			CLIENT PROJECT #: 3681R-05		
TURNAROUND TIME: (WORKING DAYS)			<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input checked="" type="checkbox"/> 5 <input type="checkbox"/> OTHER		

PROJECT NAME/SITE NAME:

Mt. Read

### REQUESTED ANALYSIS

DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	CONTAMINANTS	REMARKS	PARADIGM LAB SAMPLE NUMBER
4/24/09	1110		X	INF	Ag	1 X		5056
	1110		X	MM T1 D2	Ag	1 X	Decant MMT1 D2	5057
✓	1110		X	MM T2 D2	Ag	1 X	and MM T2 D2 per N. Simon as per J. Daloria 4/28	5058
							EAH 4/28	

\*\*LAB USE ONLY BELOW THIS LINE\*\*

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance
Container Type:	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
Comments:	
Preservation:	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
Comments:	
Holding Time:	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
Comments:	
Temperature:	Y <input type="checkbox"/> N <input type="checkbox"/>
Comments:	2°C iced - N/A b/c for metals only

Sampled By: *Gl Miller* Date/Time: 4/24/09 1110  
 Relinquished By: *[Signature]* Date/Time: 4/24/09 1240  
 Received By: *[Signature]* Date/Time: 4/24/09 1240  
 Received @ Lab By: Elizabeth A. Honch Date/Time: 4/24/09 1410

Total Cost:

P.I.F.

## Analytical Report Cover Page

Day Environmental, Inc.

For Lab Project # 09-1559

Issued May 8, 2009

This report contains a total of 4 pages

The reported results relate only to the samples as they have been received by the laboratory.

Any noncompliant QC parameters having impact on the data are flagged or documented on the final report.

All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

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The Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt. Sample condition requirements are defined under the 2003 NELAC Standard, sections 5.5.8.3.1 and 5.5.8.3.2.

NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified.

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**"E" = Result has been estimated, calibration limit exceeded.**

**"D" = Duplicate results outside QC limits. May indicate a non-homogenous matrix.**

**"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.**

**"B" = Method blank contained trace levels of analyte. Refer to included method blank report.**





Client: Day Environmental Inc

Lab Project No.: 09-1559

Client Job Site: Mt Read

Sample Type: Water  
Method: EPA 200.7

Client Job No.: 3681R-05

Date(s) Sampled: 05/01/2009  
Date Received: 05/01/2009  
Date Analyzed: 05/08/2009

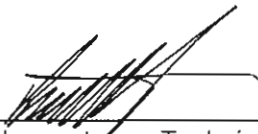
Laboratory Report for Metals Analysis in Water

Lab Sample No.	Field ID No.	Field Location	Chromium Results (mg/L)
5331	N/A	SYS Eff	<0.010

ELAP ID No.: 10958

Comments:

Approved By: \_\_\_\_\_

  
Bruce Hoogesteger, Technical Director

### Volatile Analysis Report for Non-potable Water

Client: Day Environmental Inc

Client Job Site: Mt Read

Lab Project Number: 09-1559

Lab Sample Number: 5331

Client Job Number: 3681R-05

Field Location: Sys Eff

Date Sampled: 05/01/2009

Field ID Number: N/A

Date Received: 05/01/2009

Sample Type: Water

Date Analyzed: 05/08/2009

Halocarbons	Results in ug / L	Halocarbons	Results in ug / L
Bromodichloromethane	ND< 2.00	trans-1,2-Dichloroethene	ND< 2.00
Bromomethane	ND< 2.00	1,2-Dichloropropane	ND< 2.00
Bromoform	ND< 5.00	cis-1,3-Dichloropropene	ND< 2.00
Carbon Tetrachloride	ND< 2.00	trans-1,3-Dichloropropene	ND< 2.00
Chloroethane	ND< 2.00	Methylene chloride	ND< 5.00
Chloromethane	ND< 2.00	1,1,2,2-Tetrachloroethane	ND< 2.00
2-Chloroethyl vinyl Ether	ND< 10.0	Tetrachloroethene	ND< 2.00
Chloroform	ND< 2.00	1,1,1-Trichloroethane	ND< 2.00
Dibromochloromethane	ND< 2.00	1,1,2-Trichloroethane	ND< 2.00
1,1-Dichloroethane	ND< 2.00	Trichloroethene	ND< 2.00
1,2-Dichloroethane	ND< 2.00	Trichlorofluoromethane	ND< 2.00
1,1-Dichloroethene	ND< 2.00	Vinyl chloride	38.9
Chlorobenzene	ND< 2.00	1,3-Dichlorobenzene	ND< 2.00
1,2-Dichlorobenzene	ND< 2.00	1,4-Dichlorobenzene	ND< 2.00
cis-1,2-Dichloroethene	145		

ELAP Number 10958

Method: EPA 8260B

Data File: V65548.D

Comments: ND denotes Non Detect  
ug / L = microgram per Liter

Signature: \_\_\_\_\_

  
Bruce Hoogesteger; Technical Director

# PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue  
Rochester, NY 14608  
(585) 647-2530 • (800) 724-1997  
FAX: (585) 647-3311

## CHAIN OF CUSTODY

REPORT TO:		INVOICE TO:		LAB PROJECT #:	CLIENT PROJECT #:
COMPANY:	Day Environmental Inc.	COMPANY:		09-1559	3681R-05
ADDRESS:	40 Commercial St	ADDRESS:	SAME	TURNAROUND TIME: (WORKING DAYS)	
CITY:	Rochester	CITY:	STATE:	ZIP:	
PHONE:	454-0210	PHONE:	FAX:		
ATTN:	N Simon / B Kline	ATTN:			
PROJECT NAME/SITE NAME:	MT Read	COMMENTS:	Please Email Results		
			<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input checked="" type="checkbox"/> 5 <input type="checkbox"/> OTHER		
			QUOTE #:		

### REQUESTED ANALYSIS

DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	CONTAMINANTS	REMARKS	PARADIGM LAB SAMPLE NUMBER
5/1/09			X	Sys EFF	Ag	3		5331

**\*\*LAB USE ONLY BELOW THIS LINE\*\***

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance	
Container Type:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments:		
Preservation:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments:		
Holding Time:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments:		
Temperature:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments:	13°Ciced - pres. begun in field	

Nathan Simon 5/1/09 @ 8:05  
 Sampled By Date/Time  
 Kelly Mandall 5/1/09 @ 1300  
 Relinquished By Date/Time  
 Jane J. Garcia 5/1/09 1200  
 Received By Date/Time  
 Elizabeth A. Honch 5/1/09 1340  
 Received @ Lab By Date/Time

Total Cost:

P.I.F.

## Analytical Report Cover Page

Day Environmental, Inc.

For Lab Project # 09-1560

Issued May 8, 2009

This report contains a total of 6 pages

The reported results relate only to the samples as they have been received by the laboratory.

Any noncompliant QC parameters having impact on the data are flagged or documented on the final report.

All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

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NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified.

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**"E" = Result has been estimated, calibration limit exceeded.**

**"D" = Duplicate results outside QC limits. May indicate a non-homogenous matrix.**

**"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.**

**"B" = Method blank contained trace levels of analyte. Refer to included method blank report.**

Client: Day Environmental Inc.

Lab Project No.: 09-1560

Client Job Site: Mt Read

 Sample Type: Water  
 Method: EPA 200.7

Client Job No.: 3681R-05

 Date(s) Sampled: 05/01/2009  
 Date Received: 05/01/2009  
 Date Analyzed: 05/08/2009

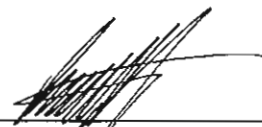
**Laboratory Report for Metals Analysis in Water**

Lab Sample No.	Field ID No.	Field Location	Chromium Results (mg/L)
5332	N/A	MM INF	0.035
5333	N/A	MM EFF T-1 D-6	0.028
5334	N/A	MM EFF T-2 D-1	0.017

ELAP ID No.: 10958

Comments:

Approved By:

  
 Bruce Hoogesteger, Technical Director

**Volatile Analysis Report for Non-potable Water**

Client: DAy Environmental Inc

Client Job Site: Mt Read

Lab Project Number: 09-1560

Lab Sample Number: 5335

Client Job Number: 3681R-05

Field Location: AC Inf

Date Sampled: 05/01/2009

Field ID Number: N/A

Date Received: 05/01/2009

Sample Type: Water

Date Analyzed: 05/08/2009

Halocarbons	Results in ug / L	Halocarbons	Results in ug / L
Bromodichloromethane	ND< 100	trans-1,2-Dichloroethene	ND< 100
Bromomethane	ND< 100	1,2-Dichloropropane	ND< 100
Bromoform	ND< 250	cis-1,3-Dichloropropene	ND< 100
Carbon Tetrachloride	ND< 100	trans-1,3-Dichloropropene	ND< 100
Chloroethane	ND< 100	Methylene chloride	ND< 250
Chloromethane	ND< 100	1,1,2,2-Tetrachloroethane	ND< 100
2-Chloroethyl vinyl Ether	ND< 500	Tetrachloroethene	1,980
Chloroform	ND< 100	1,1,1-Trichloroethane	ND< 100
Dibromochloromethane	ND< 100	1,1,2-Trichloroethane	ND< 100
1,1-Dichloroethane	ND< 100	Trichloroethene	1,050
1,2-Dichloroethane	ND< 100	Trichlorofluoromethane	ND< 100
1,1-Dichloroethene	ND< 100	Vinyl chloride	ND< 100
Chlorobenzene	ND< 100	1,3-Dichlorobenzene	ND< 100
1,2-Dichlorobenzene	ND< 100	1,4-Dichlorobenzene	ND< 100
cis-1,2-Dichloroethene	672		

ELAP Number 10958

Method: EPA 8260B

Data File: V65549.D

Comments: ND denotes Non Detect  
ug / L = microgram per Liter

Signature: \_\_\_\_\_

Bruce Hoogesteger, Technical Director

**Volatile Analysis Report for Non-potable Water**

Client: DAy Environmental Inc

Client Job Site:	Mt Read	Lab Project Number:	09-1560
Client Job Number:	3681R-05	Lab Sample Number:	5336
Field Location:	AC Eff T-1 D-1	Date Sampled:	05/01/2009
Field ID Number:	N/A	Date Received:	05/01/2009
Sample Type:	Water	Date Analyzed:	05/08/2009

Halocarbons	Results in ug / L	Halocarbons	Results in ug / L
Bromodichloromethane	ND< 2.00	trans-1,2-Dichloroethene	ND< 2.00
Bromomethane	ND< 2.00	1,2-Dichloropropane	ND< 2.00
Bromoform	ND< 5.00	cis-1,3-Dichloropropene	ND< 2.00
Carbon Tetrachloride	ND< 2.00	trans-1,3-Dichloropropene	ND< 2.00
Chloroethane	ND< 2.00	Methylene chloride	ND< 5.00
Chloromethane	ND< 2.00	1,1,2,2-Tetrachloroethane	ND< 2.00
2-Chloroethyl vinyl Ether	ND< 10.0	Tetrachloroethene	3.61
Chloroform	ND< 2.00	1,1,1-Trichloroethane	ND< 2.00
Dibromochloromethane	ND< 2.00	1,1,2-Trichloroethane	ND< 2.00
1,1-Dichloroethane	ND< 2.00	Trichloroethene	7.83
1,2-Dichloroethane	ND< 2.00	Trichlorofluoromethane	ND< 2.00
1,1-Dichloroethene	ND< 2.00	Vinyl chloride	16.9
Chlorobenzene	ND< 2.00	1,3-Dichlorobenzene	ND< 2.00
1,2-Dichlorobenzene	ND< 2.00	1,4-Dichlorobenzene	ND< 2.00
cis-1,2-Dichloroethene	66.3		

ELAP Number 10958

Method: EPA 8260B

Data File: V65550.D

Comments: ND denotes Non Detect  
ug / L = microgram per Liter

Signature: \_\_\_\_\_

Bruce Hoogesteger: Technical Director

### Volatile Analysis Report for Non-potable Water

 Client: Day Environmental Inc

Client Job Site: Mt Read	Lab Project Number: 09-1560	Lab Sample Number: 5337
Client Job Number: 3681R-05	Date Sampled: 05/01/2009	Date Received: 05/01/2009
Field Location: AC Eff T-2 D-7	Date Analyzed: 05/08/2009	
Field ID Number: N/A		
Sample Type: Water		

Halocarbons	Results in ug / L	Halocarbons	Results in ug / L
Bromodichloromethane	ND< 10.0	trans-1,2-Dichloroethene	ND< 10.0
Bromomethane	ND< 10.0	1,2-Dichloropropane	ND< 10.0
Bromoform	ND< 25.0	cis-1,3-Dichloropropene	ND< 10.0
Carbon Tetrachloride	ND< 10.0	trans-1,3-Dichloropropene	ND< 10.0
Chloroethane	ND< 10.0	Methylene chloride	ND< 25.0
Chloromethane	ND< 10.0	1,1,2,2-Tetrachloroethane	ND< 10.0
2-Chloroethyl vinyl Ether	ND< 50.0	Tetrachloroethene	105
Chloroform	ND< 10.0	1,1,1-Trichloroethane	ND< 10.0
Dibromochloromethane	ND< 10.0	1,1,2-Trichloroethane	ND< 10.0
1,1-Dichloroethane	ND< 10.0	Trichloroethene	137
1,2-Dichloroethane	ND< 10.0	Trichlorofluoromethane	ND< 10.0
1,1-Dichloroethene	ND< 10.0	Vinyl chloride	32.0
Chlorobenzene	ND< 10.0	1,3-Dichlorobenzene	ND< 10.0
1,2-Dichlorobenzene	ND< 10.0	1,4-Dichlorobenzene	ND< 10.0
cis-1,2-Dichloroethene	820		

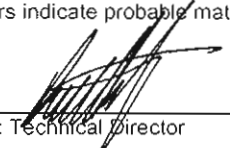
ELAP Number 10958

Method: EPA 8260B

Data File: V65551.D

Comments: ND denotes Non Detect  
 ug / L = microgram per Liter  
 Surrogate outliers indicate probable matrix interference

Signature:


  
 Bruce Hoogesteger: Technical Director



# PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue  
Rochester, NY 14608  
(585) 647-2530 • (800) 724-1997  
FAX: (585) 647-3311

## CHAIN OF CUSTODY

REPORT TO:		INVOICE TO:		LAB PROJECT #:	CLIENT PROJECT #:
COMPANY:	Day Environmental Inc	COMPANY:		09-1560	3681R-05
ADDRESS:	40 Commercial St	ADDRESS:	SAME	TURNAROUND TIME: (WORKING DAYS)	
CITY:	Rochester NY 14614	CITY:		<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input checked="" type="checkbox"/> 5 <input type="checkbox"/> OTHER	
PHONE:	454-0210 FAX: 454-0825	PHONE:		QUOTE #:	
ATTN:	N. Simon / B. Kline	ATTN:			
PROJECT NAME/SITE NAME:	Mt Road			COMMENTS: Please Email Results	

### REQUESTED ANALYSIS

DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	CONTAMINERS	Total Cr	Halo UCC's	TCL5/2 DCE	REMARKS	PARADIGM LAB SAMPLE NUMBER
5/1/09			X	MM INF	Ag	1	X				5332
5/1/09			X	MM EFF T-1 D-6		1	X				5333
5/1/09			X	MM EFF T-2 D-1		1	X				5334
5/1/09			X	AC INF		2	X				5335
5/1/09			X	AC EFF T-1 D-1		2	X				5336
5/1/09			X	AC EFF T-2 D-7		2	X				5337
7											
8											
9											
10											

\*\*LAB USE ONLY BELOW THIS LINE\*\*

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance	
Container Type:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments:		
Preservation:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments:		
Holding Time:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments:		
Temperature:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments:	10°C iced - pres. begun in field	

Nathan Simon 5/1/09 @ 8:00  
 Sampled By \_\_\_\_\_ Date/Time \_\_\_\_\_  
 Kelly Crandall 5/1/09 12:00  
 Relinquished By \_\_\_\_\_ Date/Time \_\_\_\_\_  
 Jane J. Coburn 5-1-09 12:00  
 Received By \_\_\_\_\_ Date/Time \_\_\_\_\_  
 Elizabeth A. Honch 5/1/09 1345  
 Received @ Lab By \_\_\_\_\_ Date/Time \_\_\_\_\_

Total Cost:

P.I.F.

## Analytical Report Cover Page

Day Environmental

For Lab Project # 09-1693

Issued May 19, 2009

This report contains a total of 3 pages

The reported results relate only to the samples as they have been received by the laboratory.

Any noncompliant QC parameters having impact on the data are flagged or documented on the final report.

All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

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**"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.**

**"B" = Method blank contained trace levels of analyte. Refer to included method blank report.**



**Client:** Day Environmental Inc.

**Lab Project No.:** 09-1693

**Client Job Site:** Mt Read

**Sample Type:** Water  
**Method:** EPA 200.7

**Client Job No.:** 3681R-05


**Date(s) Sampled:** 05/08/2009  
**Date Received:** 05/12/2009  
**Date Analyzed:** 05/14/2009

**Laboratory Report for Metals Analysis in Water**

Lab Sample No.	Field ID No.	Field Location	Dissolved Chromium Results (mg/L)
5691	N/A	MM INF	<0.010
5692	N/A	MM EFF T-1 D-6	<0.010
5693	N/A	MM EFF T-2 D-1	<0.010

ELAP ID No.: 10958

Comments:

**Approved By:**   
Bruce Hoogsteger, Technical Director

# PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue  
Rochester, NY 14608  
(585) 647-2530 • (800) 724-1997  
FAX: (585) 647-3311

## CHAIN OF CUSTODY

REPORT TO:				INVOICE TO:																			
COMPANY: <i>Day Environmental Inc</i>	ADDRESS: <i>40 Commercial St</i>			CITY: <i>Rochester</i>	STATE: <i>NY</i>	ZIP: <i>14614</i>	PHONE: <i>454-0210</i>	FAX: <i>454-0825</i>	ATTN: <i>N Simon / B Kline</i>	COMMENTS: <i>Please Email Results</i>													
COMPANY:	ADDRESS:			CITY:	STATE:	ZIP:	PHONE:	FAX:	ATTN:	COMMENTS:													
LAB PROJECT #: <i>09-1693</i>	CLIENT PROJECT #: <i>3681R-05</i>			TURNAROUND TIME: (WORKING DAYS)																			
1 <input type="checkbox"/>				2 <input type="checkbox"/>				3 <input type="checkbox"/>				4 <input type="checkbox"/>				5 <input checked="" type="checkbox"/>				OTHER <input type="checkbox"/>			
PROJECT NAME/SITE NAME: <i>Mt Read</i>												QUOTE #:											

### REQUESTED ANALYSIS

DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	CONTAMINERS	REMARKS	PARADIGM LAB SAMPLE NUMBER			
<i>5/8/09</i>	<i>3:50</i>		<input checked="" type="checkbox"/>	<i>MM INF</i>	<i>Ag</i>	<input checked="" type="checkbox"/>					<i>5691</i>
<i>5/8/09</i>	<i>3:55</i>		<input checked="" type="checkbox"/>	<i>MM EFF T1 D-6</i>		<input checked="" type="checkbox"/>					<i>5692</i>
<i>5/8/09</i>	<i>4:00</i>		<input checked="" type="checkbox"/>	<i>MM EFF T2 D-1</i>		<input checked="" type="checkbox"/>					<i>5693</i>

**\*\*LAB USE ONLY BELOW THIS LINE\*\***

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance	
Container Type:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments:		
Preservation:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments:		
Holding Time:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments:		
Temperature:	Y <input type="checkbox"/>	N <input checked="" type="checkbox"/>
Comments:	<i>9°Ciced</i>	

<i>Nathan Simon</i>	<i>5/8/09 @ 4:10</i>	Total Cost:	<input type="text"/>
Sampled By	Date/Time		
<i>Nathan Simon</i>	<i>5/13/09 @ 12:15</i>	P.I.F.	<input type="text"/>
Refrimulated By	Date/Time		
<i>ELM</i>	<i>5/12/09 12:50</i>		
Received By	Date/Time		
<i>Elizabeth A Honch</i>	<i>5/12/09 1425</i>		
Received @ Lab By	Date/Time		

## Analytical Report Cover Page

### Day Environmental

For Lab Project # 09-1745

Issued May 20, 2009

This report contains a total of 3 pages

The reported results relate only to the samples as they have been received by the laboratory.

Any noncompliant QC parameters having impact on the data are flagged or documented on the final report.

All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

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**"ND" = analyzed for but not detected.**

**"E" = Result has been estimated, calibration limit exceeded.**

**"D" = Duplicate results outside QC limits. May indicate a non-homogenous matrix.**

**"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.**

**"B" = Method blank contained trace levels of analyte. Refer to included method blank report.**

**Client:** Day Environmental
**Lab Project No.:** 09-1745

**Client Job Site:** Mt Read

**Sample Type:** Water  
**Method:** EPA 200.7

**Client Job No.:** 3681R-05

**Date(s) Sampled:** 05/15/2009  
**Date Received:** 05/15/2009  
**Date Analyzed:** 05/19/2009

**Laboratory Report for Metals Analysis in Water**

Lab Sample No.	Field ID No.	Field Location	Chromium Results (mg/L)
5850	N/A	MM Inf	<0.010
5851	N/A	MM Eff T-1 D-6	<0.010
5852	N/A	MM Eff T-2 D-1	<0.010

ELAP ID No.: 10958

**Comments:** Samples were filtered through a 0.45 um filter prior to digestion, as per client.

**Approved By:**   
 Bruce Hoogesteger, Technical Director

# PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue  
Rochester, NY 14608  
(585) 647-2530 • (800) 724-1997  
FAX: (585) 647-3311

## CHAIN OF CUSTODY

REPORT TO:				INVOICE TO:			
COMPANY: <u>Day Environmental</u>		COMPANY:		LAB PROJECT #: <u>09-1745</u>		CLIENT PROJECT #: <u>3681R-05</u>	
ADDRESS: <u>40 Commercial St</u>		ADDRESS:		TURNAROUND TIME: (WORKING DAYS)			
CITY: <u>Rochester</u>	STATE: <u>NY</u>	ZIP: <u>14604</u>	CITY:	STATE:	ZIP:		
PHONE: <u>454-0210</u>	FAX: <u>454-0825</u>	PHONE:	FAX:	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input checked="" type="checkbox"/> 5 <input type="checkbox"/> OTHER		QUOTE #:	
PROJECT NAME/SITE NAME: <u>Mt Read</u>				ATTN: <u>N Simon / B Kline</u>		COMMENTS: <u>Please Email Results</u>	

REQUESTED ANALYSIS															
DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	CONUTAMINERS	SOLUBLE CF				REMARKS	PARADIGM LAB SAMPLE NUMBER			
1	5/15/09 7:30		X	MM INF	Ag	1	X						5	8	50
2	7:35		X	MM EFF T-1 D-6		1	X						5	8	51
3	7:40		X	MM EFF T-2 D-1		1	X						5	8	52
4															
5															
6															
7															
8															
9															
10															

**\*\*LAB USE ONLY BELOW THIS LINE\*\***

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance	
Container Type:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments: _____		
Preservation:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments: _____		
Holding Time:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments: _____		
Temperature:	Y <input type="checkbox"/>	N <input type="checkbox"/>
Comments: <u>5°Ciced - N/A Y</u> <u>h/c for metals only</u>		

<u>Nathan Simon</u>	5/15/09 @ 7:45		
Sampled By	Date/Time	Total Cost:	<input style="width:100px; height:30px;" type="text"/>
<u>Bl Miller</u>	5/15/09 9:17		
Relinquished By	Date/Time		
<u>C. Song</u>	5/15/09 9:17am		
Received By	Date/Time	P.I.F.	<input style="width:100px; height:30px;" type="text"/>
<u>Elizabeth A. Honch</u>	5/15/09 1050		
Received @ Lab By	Date/Time		

## Analytical Report Cover Page

Day Environmental

For Lab Project # 09-1856

Issued June 1, 2009

This report contains a total of 3 pages

The reported results relate only to the samples as they have been received by the laboratory.

Any noncompliant QC parameters having impact on the data are flagged or documented on the final report.

All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

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The Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt. Sample condition requirements are defined under the 2003 NELAC Standard, sections 5.5.8.3.1 and 5.5.8.3.2.

NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified.

Data qualifiers are used, when necessary, to provide additional information about the data. This information may be communicated as a flag or as text at the bottom of the report. Please refer to the following list of frequently used data flags and their meaning:

**"ND" = analyzed for but not detected.**

**"E" = Result has been estimated, calibration limit exceeded.**

**"D" = Duplicate results outside QC limits. May indicate a non-homogenous matrix.**

**"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.**

**"B" = Method blank contained trace levels of analyte. Refer to included method blank report.**



**Client:** Day Environmental, Inc.
**Lab Project No.:** 09-1856

**Client Job Site:** Mt. Read

**Sample Type:** Water  
**Method:** EPA 200.7

**Client Job No.:** 3681R-05

**Date(s) Sampled:** 05/22/2009  
**Date Received:** 05/22/2009  
**Date Analyzed:** 06/01/2009

**Laboratory Report for Metals Analysis in Water**

Lab Sample No.	Field ID No.	Field Location	Chromium Results (mg/L)
6132	N/A	MM Inf	<0.010
6133	N/A	MM Eff T-1 D-6	<0.010
6134	N/A	MM Eff T-2 D-1	<0.010

ELAP ID No.: 10958

**Comments:** Samples were filtered through a 0.45 um filter prior to digestion, as per client.

**Approved By:**   
 Bruce Hoogesteger, Technical Director

# PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue  
Rochester, NY 14608  
(585) 647-2530 • (800) 724-1997  
FAX: (585) 647-3311

## CHAIN OF CUSTODY

REPORT TO:		INVOICE TO:		LAB PROJECT #:	CLIENT PROJECT #:
COMPANY: DAY Environmental Inc	COMPANY:	LAB PROJECT #: 09-1856	CLIENT PROJECT #: 3681R-05		
ADDRESS: 40 Commercial St	ADDRESS:	TURNAROUND TIME: (WORKING DAYS)			
CITY: Rochester STATE: NY ZIP: 14614	CITY: SAME STATE: ZIP:	1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input checked="" type="checkbox"/> 5 <input type="checkbox"/> OTHER <input type="checkbox"/>			
PHONE: 434 0210 FAX: 434 0825	PHONE: FAX:	QUOTE #:			
ATTN: N Simon B Kline	ATTN:				
COMMENTS: Please Email Results					

PROJECT NAME/SITE NAME:

Mt Read

### REQUESTED ANALYSIS

DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	CONUTAMINERS	Salable Cr	REMARKS	PARADIGM LAB SAMPLE NUMBER
15/22/09	7:40		X	MM INF	Ag	1	X		6132
	7:45		X	MM EFF FLD-6		1	X		6133
	7:55		X	MM EFF T-2 D-1		1	X		6134
4									
5									
6									
7									
8									
9									
10									

\*\*LAB USE ONLY BELOW THIS LINE\*\*

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance	
Container Type:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments:		
Preservation:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments:		
Holding Time:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments:		
Temperature:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments:	10°Ciced - N/A Y b/c for metals only	

Sampled By: Matthew Simon Date/Time: 5/22/09 @ 800  
 Relinquished By: [Signature] Date/Time: 5/22/09 1210  
 Received By: [Signature] Date/Time: 5/22 1210  
 Received @ Lab By: Elizabeth A. Honch Date/Time: 5/22/09 1410

Total Cost:

P.I.F.

## Analytical Report Cover Page

Day Environmental

For Lab Project # 09-1903

Issued June 4, 2009

This report contains a total of 3 pages

The reported results relate only to the samples as they have been received by the laboratory.

Any noncompliant QC parameters having impact on the data are flagged or documented on the final report.

All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

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NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified.

Data qualifiers are used, when necessary, to provide additional information about the data. This information may be communicated as a flag or as text at the bottom of the report. Please refer to the following list of frequently used data flags and their meaning:

**"ND" = analyzed for but not detected.**

**"E" = Result has been estimated, calibration limit exceeded.**

**"D" = Duplicate results outside QC limits. May indicate a non-homogenous matrix.**

**"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.**

**"B" = Method blank contained trace levels of analyte. Refer to included method blank report.**

**Client:** Day Environmental

**Lab Project No.:** 09-1903

**Client Job Site:** Mt Read

**Sample Type:** Water  
**Method:** EPA 200.7

**Client Job No.:** 3681R-05

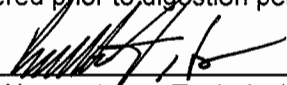
**Date(s) Sampled:** 05/28/2009  
**Date Received:** 05/28/2009  
**Date Analyzed:** 06/01/2009

**Laboratory Report for Metals Analysis in Water**

Lab Sample No.	Field ID No.	Field Location	Chromium Results (mg/L)
6297	N/A	MM INF	<0.010
6298	N/A	MM EFF T-1 D-6	<0.010
6299	N/A	MM EFF T-2 D-1	<0.010

ELAP ID No.: 10958

Comments: Samples were filtered prior to digestion per client.

**Approved By:**   
Bruce Hoogesteger, Technical Director

# PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue  
Rochester, NY 14608  
(585) 647-2530 • (800) 724-1997  
FAX: (585) 647-3311

## CHAIN OF CUSTODY

REPORT TO:		INVOICE TO:		LAB PROJECT #:	CLIENT PROJECT #:
COMPANY: Day Environmental	ADDRESS: 40 Commercial St	COMPANY:	ADDRESS:	09-1903	3681R-05
CITY: Rochester STATE: NY ZIP: 14614	PHONE: 585 454 0210 FAX: 454 0825	CITY: SAME	STATE: ZIP:	TURNAROUND TIME: (WORKING DAYS)	
ATTN: N Simon / B Kline	COMMENTS: Please email Results	ATTN:	QUOTE #:	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input checked="" type="checkbox"/> 5 <input type="checkbox"/> OTHER	

PROJECT NAME/SITE NAME:

Mt Read

### REQUESTED ANALYSIS

DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	CONTAINER	REMARKS	PARADIGM LAB SAMPLE NUMBER
1 5/28/09			X	MM INF	Ag	1 X		6297
2			X	MM EFF T-1 D-6		1 X		6298
3			X	MM EFF T-2 D-1		1 X		6299
4								
5								
6								
7								
8								
9								
10								

**\*\*LAB USE ONLY BELOW THIS LINE\*\***

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance
Container Type: Comments: _____	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
Preservation: Comments: _____	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
Holding Time: Comments: _____	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
Temperature: Comments: 10°Ciced-NAY b/c for metal only	Y <input type="checkbox"/> N <input type="checkbox"/>

Sampled By: Nathan Simon Date/Time: 5/28/09 @ 2:00pm  
 Relinquished By: [Signature] Date/Time: 5/28/09 1523  
 Received By: Elizabeth A. Honck Date/Time: 5/28/09 1600  
 Received @ Lab By: \_\_\_\_\_ Date/Time: \_\_\_\_\_

Total Cost:

P.I.F.

## Analytical Report Cover Page

### Day Environmental

For Lab Project # 09-2013

Issued June 12, 2009

This report contains a total of 3 pages

The reported results relate only to the samples as they have been received by the laboratory.

Any noncompliant QC parameters having impact on the data are flagged or documented on the final report.

All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

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The Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt. Sample condition requirements are defined under the 2003 NELAC Standard, sections 5.5.8.3.1 and 5.5.8.3.2.

NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified.

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**"D" = Duplicate results outside QC limits. May indicate a non-homogenous matrix.**

**"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.**

**"B" = Method blank contained trace levels of analyte. Refer to included method blank report.**

Client: Day Environmental

Lab Project No.: 09-2013

Client Job Site: 95 Mt. Read

Sample Type: Water  
Method: EPA 200.7

Client Job No.: N/A

Date(s) Sampled: 06/05/2009  
Date Received: 06/05/2009  
Date Analyzed: 06/10/2009

Laboratory Report for Metals Analysis in Water

Lab Sample No.	Field ID No.	Field Location	Chromium Results (mg/L)
6636	N/A	Inf	0.609
6637	N/A	MM T1, D11	0.039
6638	N/A	MM T2, D5	2.06

ELAP ID No.: 10958

Comments:

Approved By: *Bruce Hoogesteger* for:  
Bruce Hoogesteger, Technical Director

# PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue  
Rochester, NY 14608  
(585) 647-2530 • (800) 724-1997  
FAX: (585) 647-3311

## CHAIN OF CUSTODY

REPORT TO:				INVOICE TO:			
COMPANY: DAY ENVIRONMENTAL		ADDRESS: 40 Commercial St		COMPANY: SAME		ADDRESS:	
CITY: Rochester		STATE: NY		CITY:		STATE:	
PHONE: 454-0210		FAX:		PHONE:		FAX:	
ATTN: B.Kline / N. Simon		COMMENTS: Please e-mail results		LAB PROJECT #: 09-2013		CLIENT PROJECT #:	
PROJECT NAME/SITE NAME: 95 Mt. Read				TURNAROUND TIME: (WORKING DAYS)		<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input checked="" type="checkbox"/> 5 <input type="checkbox"/> OTHER	
				QUOTE #:			

### REQUESTED ANALYSIS

DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	CONUTAMBERS	Tot. Cr	REMARKS	PARADIGM LAB SAMPLE NUMBER
6/5/09	1:50		X	INF	Ag	1	X		6636
↓	1:50		X	MM T1, D11	↓	1	X		6637
↓	1:50		X	MM T2, D5	↓	1	X	MM T2, D5 had sed. - decanted at login per client/site history. EAH 6/5	6638
4									
5									
6									
7									
8									
9									
10									

**\*\*LAB USE ONLY BELOW THIS LINE\*\***

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance	
Container Type:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments:		
Preservation:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments:		
Holding Time:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments:		
Temperature:	Y <input type="checkbox"/>	N <input type="checkbox"/>
Comments: 10°C iced - NIAY blc for metals only		

Sampled By: [Signature] 6/5/09 1:50  
 Relinquished By: [Signature] 6/5/09 2:15  
 Received By: [Signature] 6/5/09 1415  
 Received @ Lab By: Elizabeth A. Honch 6/5/09 1605

Total Cost:

P.I.F.



## Analytical Report Cover Page

Day Environmental

For Lab Project # 08-1957

Issued June 20, 2008

This report contains a total of 16 pages

The reported results relate only to the samples as they have been received by the laboratory.

Any noncompliant QC parameters having impact on the data are flagged or documented on the final report.

All soil or solid samples have been reported on a dry weight basis, unless qualified "reported as received".

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**"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.**

**"B" = Method blank contained trace levels of analyte. Refer to included method blank report.**

### Volatile Analysis Report for Non-potable Water

**Client:** Day Environmental Inc

**Client Job Site:** Maguire  
 95 Mt Read  
**Client Job Number:** 3681R-05  
**Field Location:** MW-1  
**Field ID Number:** N/A  
**Sample Type:** Water

**Lab Project Number:** 08-1957  
**Lab Sample Number:** 6831  
**Date Sampled:** 06/06/2008  
**Date Received:** 06/06/2008  
**Date Analyzed:** 06/18/2008

Halocarbons	Results in ug / L	Halocarbons	Results in ug / L
Bromodichloromethane	ND< 2.00	trans-1,2-Dichloroethene	ND< 2.00
Bromomethane	ND< 2.00	1,2-Dichloropropane	ND< 2.00
Bromoform	ND< 5.00	cis-1,3-Dichloropropene	ND< 2.00
Carbon Tetrachloride	ND< 2.00	trans-1,3-Dichloropropene	ND< 2.00
Chloroethane	ND< 2.00	Methylene chloride	ND< 5.00
Chloromethane	ND< 2.00	1,1,2,2-Tetrachloroethane	ND< 2.00
2-Chloroethyl vinyl Ether	ND< 10.0	Tetrachloroethene	ND< 2.00
Chloroform	ND< 2.00	1,1,1-Trichloroethane	ND< 2.00
Dibromochloromethane	ND< 2.00	1,1,2-Trichloroethane	ND< 2.00
1,1-Dichloroethane	ND< 2.00	Trichloroethene	ND< 2.00
1,2-Dichloroethane	ND< 2.00	Trichlorofluoromethane	ND< 2.00
1,1-Dichloroethene	ND< 2.00	Vinyl chloride	ND< 2.00
Chlorobenzene	ND< 2.00	1,3-Dichlorobenzene	ND< 2.00
1,2-Dichlorobenzene	ND< 2.00	1,4-Dichlorobenzene	ND< 2.00
cis-1,2-Dichloroethene	ND< 2.00		

ELAP Number 10958

Method: EPA 8260B

Data File: V57434.D

Comments: ND denotes Non Detect  
 ug / L = microgram per Liter

Signature: \_\_\_\_\_

  
 Bruce Hoogesteger, Technical Director



## Volatile Analysis Report for Non-potable Water

Client: Day Environmental Inc

Client Job Site: Maguire  
95 Mt Read  
Client Job Number: 3681R-05  
Field Location: MW-4  
Field ID Number: N/A  
Sample Type: Water

Lab Project Number: 08-1957  
Lab Sample Number: 6832  
Date Sampled: 06/06/2008  
Date Received: 06/06/2008  
Date Analyzed: 06/18/2008

Halocarbons	Results in ug / L	Halocarbons	Results in ug / L
Bromodichloromethane	ND< 2.00	trans-1,2-Dichloroethene	ND< 2.00
Bromomethane	ND< 2.00	1,2-Dichloropropane	ND< 2.00
Bromoform	ND< 5.00	cis-1,3-Dichloropropene	ND< 2.00
Carbon Tetrachloride	ND< 2.00	trans-1,3-Dichloropropene	ND< 2.00
Chloroethane	ND< 2.00	Methylene chloride	ND< 5.00
Chloromethane	ND< 2.00	1,1,2,2-Tetrachloroethane	ND< 2.00
2-Chloroethyl vinyl Ether	ND< 10.0	Tetrachloroethene	ND< 2.00
Chloroform	ND< 2.00	1,1,1-Trichloroethane	ND< 2.00
Dibromochloromethane	ND< 2.00	1,1,2-Trichloroethane	ND< 2.00
1,1-Dichloroethane	ND< 2.00	Trichloroethene	ND< 2.00
1,2-Dichloroethane	ND< 2.00	Trichlorofluoromethane	ND< 2.00
1,1-Dichloroethene	ND< 2.00	Vinyl chloride	ND< 2.00
Chlorobenzene	ND< 2.00	1,3-Dichlorobenzene	ND< 2.00
1,2-Dichlorobenzene	ND< 2.00	1,4-Dichlorobenzene	ND< 2.00
cis-1,2-Dichloroethene	ND< 2.00		

ELAP Number 10958

Method: EPA 8260B

Data File: V57435.D

Comments: ND denotes Non Detect  
ug / L = microgram per Liter

Signature: \_\_\_\_\_

Bruce Hoogesteger: Technical Director



## Volatile Analysis Report for Non-potable Water

Client: Day Environmental Inc

Client Job Site: Maguire  
95 Mt Read  
Client Job Number: 3681R-05  
Field Location: MW-8  
Field ID Number: N/A  
Sample Type: Water

Lab Project Number: 08-1957  
Lab Sample Number: 6833  
Date Sampled: 06/06/2008  
Date Received: 06/06/2008  
Date Analyzed: 06/19/2008

Halocarbons	Results in ug / L	Halocarbons	Results in ug / L
Bromodichloromethane	ND< 200	trans-1,2-Dichloroethene	ND< 200
Bromomethane	ND< 200	1,2-Dichloropropane	ND< 200
Bromoform	ND< 500	cis-1,3-Dichloropropene	ND< 200
Carbon Tetrachloride	ND< 200	trans-1,3-Dichloropropene	ND< 200
Chloroethane	ND< 200	Methylene chloride	ND< 500
Chloromethane	ND< 200	1,1,2,2-Tetrachloroethane	ND< 200
2-Chloroethyl vinyl Ether	ND< 1,000	Tetrachloroethene	1,140
Chloroform	ND< 200	1,1,1-Trichloroethane	ND< 200
Dibromochloromethane	ND< 200	1,1,2-Trichloroethane	ND< 200
1,1-Dichloroethane	ND< 200	Trichloroethene	372
1,2-Dichloroethane	ND< 200	Trichlorofluoromethane	ND< 200
1,1-Dichloroethene	ND< 200	Vinyl chloride	ND< 200
Chlorobenzene	ND< 200	1,3-Dichlorobenzene	ND< 200
1,2-Dichlorobenzene	ND< 200	1,4-Dichlorobenzene	ND< 200
cis-1,2-Dichloroethene	ND< 200		

ELAP Number 10958

Method: EPA 8260B

Data File: V57461.D

Comments: ND denotes Non Detect  
ug / L = microgram per Liter

Signature: \_\_\_\_\_

  
Bruce Hoogesteger: Technical Director



## Volatile Analysis Report for Non-potable Water

Client: Day Environmental Inc

Client Job Site: Maguire  
95 Mt Read  
Client Job Number: 3681R-05  
Field Location: MW-11  
Field ID Number: N/A  
Sample Type: Water

Lab Project Number: 08-1957  
Lab Sample Number: 6834  
Date Sampled: 06/06/2008  
Date Received: 06/06/2008  
Date Analyzed: 06/18/2008

Halocarbons	Results in ug / L	Halocarbons	Results in ug / L
Bromodichloromethane	ND< 2.00	trans-1,2-Dichloroethene	ND< 2.00
Bromomethane	ND< 2.00	1,2-Dichloropropane	ND< 2.00
Bromoform	ND< 5.00	cis-1,3-Dichloropropene	ND< 2.00
Carbon Tetrachloride	ND< 2.00	trans-1,3-Dichloropropene	ND< 2.00
Chloroethane	ND< 2.00	Methylene chloride	ND< 5.00
Chloromethane	ND< 2.00	1,1,2,2-Tetrachloroethane	ND< 2.00
2-Chloroethyl vinyl Ether	ND< 10.0	Tetrachloroethene	ND< 2.00
Chloroform	ND< 2.00	1,1,1-Trichloroethane	ND< 2.00
Dibromochloromethane	ND< 2.00	1,1,2-Trichloroethane	ND< 2.00
1,1-Dichloroethane	5.19	Trichloroethene	6.23
1,2-Dichloroethane	ND< 2.00	Trichlorofluoromethane	ND< 2.00
1,1-Dichloroethene	7.90	Vinyl chloride	ND< 2.00
Chlorobenzene	ND< 2.00	1,3-Dichlorobenzene	ND< 2.00
1,2-Dichlorobenzene	ND< 2.00	1,4-Dichlorobenzene	ND< 2.00
cis-1,2-Dichloroethene	17.7		

ELAP Number 10958

Method: EPA 8260B

Data File: V57437.D

Comments: ND denotes Non Detect  
ug / L = microgram per Liter  
Surrogate outliers indicate probable matrix interference

Signature: \_\_\_\_\_

Bruce Hoogesteger: Technical Director



## Volatile Analysis Report for Non-potable Water

Client: Day Environmental Inc

Client Job Site: Maguire  
95 Mt Read  
Client Job Number: 3681R-05  
Field Location: MW-13  
Field ID Number: N/A  
Sample Type: Water

Lab Project Number: 08-1957  
Lab Sample Number: 6835  
Date Sampled: 06/06/2008  
Date Received: 06/06/2008  
Date Analyzed: 06/18/2008

Halocarbons	Results in ug / L	Halocarbons	Results in ug / L
Bromodichloromethane	ND< 2.00	trans-1,2-Dichloroethene	6.99
Bromomethane	ND< 2.00	1,2-Dichloropropane	ND< 2.00
Bromoform	ND< 5.00	cis-1,3-Dichloropropene	ND< 2.00
Carbon Tetrachloride	ND< 2.00	trans-1,3-Dichloropropene	ND< 2.00
Chloroethane	ND< 2.00	Methylene chloride	ND< 5.00
Chloromethane	ND< 2.00	1,1,2,2-Tetrachloroethane	ND< 2.00
2-Chloroethyl vinyl Ether	ND< 10.0	Tetrachloroethene	ND< 2.00
Chloroform	ND< 2.00	1,1,1-Trichloroethane	ND< 2.00
Dibromochloromethane	ND< 2.00	1,1,2-Trichloroethane	ND< 2.00
1,1-Dichloroethane	ND< 2.00	Trichloroethene	14.9
1,2-Dichloroethane	ND< 2.00	Trichlorofluoromethane	ND< 2.00
1,1-Dichloroethene	ND< 2.00	Vinyl chloride	ND< 2.00
Chlorobenzene	ND< 2.00	1,3-Dichlorobenzene	ND< 2.00
1,2-Dichlorobenzene	ND< 2.00	1,4-Dichlorobenzene	ND< 2.00
cis-1,2-Dichloroethene	131		

ELAP Number 10958

Method: EPA 8260B

Data File: V57438.D

Comments: ND denotes Non Detect  
ug / L = microgram per Liter

Signature: \_\_\_\_\_

Bruce Hoogesteger: Technical Director



## Volatile Analysis Report for Non-potable Water

Client: Day Environmental Inc

Client Job Site: Maguire  
95 Mt Read  
Client Job Number: 3681R-05  
Field Location: MW-14  
Field ID Number: N/A  
Sample Type: Water

Lab Project Number: 08-1957  
Lab Sample Number: 6836  
Date Sampled: 06/06/2008  
Date Received: 06/06/2008  
Date Analyzed: 06/18/2008

Halocarbons	Results in ug / L	Halocarbons	Results in ug / L
Bromodichloromethane	ND< 2.00	trans-1,2-Dichloroethene	ND< 2.00
Bromomethane	ND< 2.00	1,2-Dichloropropane	ND< 2.00
Bromoform	ND< 5.00	cis-1,3-Dichloropropene	ND< 2.00
Carbon Tetrachloride	ND< 2.00	trans-1,3-Dichloropropene	ND< 2.00
Chloroethane	ND< 2.00	Methylene chloride	ND< 5.00
Chloromethane	ND< 2.00	1,1,2,2-Tetrachloroethane	ND< 2.00
2-Chloroethyl vinyl Ether	ND< 10.0	Tetrachloroethene	ND< 2.00
Chloroform	ND< 2.00	1,1,1-Trichloroethane	ND< 2.00
Dibromochloromethane	ND< 2.00	1,1,2-Trichloroethane	ND< 2.00
1,1-Dichloroethane	ND< 2.00	Trichloroethene	ND< 2.00
1,2-Dichloroethane	ND< 2.00	Trichlorofluoromethane	ND< 2.00
1,1-Dichloroethene	ND< 2.00	Vinyl chloride	17.7
Chlorobenzene	ND< 2.00	1,3-Dichlorobenzene	ND< 2.00
1,2-Dichlorobenzene	ND< 2.00	1,4-Dichlorobenzene	ND< 2.00
cis-1,2-Dichloroethene	21.4		

ELAP Number 10958

Method: EPA 8260B

Data File: V57439.D

Comments: ND denotes Non Detect  
ug / L = microgram per Liter  
Surrogate outliers indicate probable matrix interference

Signature: \_\_\_\_\_

Bruce Hoogesteger: Technical Director



## Volatile Analysis Report for Non-potable Water

Client: Day Environmental Inc

Client Job Site: Maguire  
95 Mt Read  
Client Job Number: 3681R-05  
Field Location: MW-15  
Field ID Number: N/A  
Sample Type: Water

Lab Project Number: 08-1957  
Lab Sample Number: 6837  
Date Sampled: 06/06/2008  
Date Received: 06/06/2008  
Date Analyzed: 06/18/2008

Halocarbons	Results in ug / L	Halocarbons	Results in ug / L
Bromodichloromethane	ND< 2.00	trans-1,2-Dichloroethene	ND< 2.00
Bromomethane	ND< 2.00	1,2-Dichloropropane	ND< 2.00
Bromoform	ND< 5.00	cis-1,3-Dichloropropene	ND< 2.00
Carbon Tetrachloride	ND< 2.00	trans-1,3-Dichloropropene	ND< 2.00
Chloroethane	ND< 2.00	Methylene chloride	ND< 5.00
Chloromethane	ND< 2.00	1,1,2,2-Tetrachloroethane	ND< 2.00
2-Chloroethyl vinyl Ether	ND< 10.0	Tetrachloroethene	ND< 2.00
Chloroform	ND< 2.00	1,1,1-Trichloroethane	ND< 2.00
Dibromochloromethane	ND< 2.00	1,1,2-Trichloroethane	ND< 2.00
1,1-Dichloroethane	ND< 2.00	Trichloroethene	ND< 2.00
1,2-Dichloroethane	ND< 2.00	Trichlorofluoromethane	ND< 2.00
1,1-Dichloroethene	ND< 2.00	Vinyl chloride	ND< 2.00
Chlorobenzene	ND< 2.00	1,3-Dichlorobenzene	ND< 2.00
1,2-Dichlorobenzene	ND< 2.00	1,4-Dichlorobenzene	ND< 2.00
cis-1,2-Dichloroethene	ND< 2.00		


ELAP Number 10958

Method: EPA 8260B

Data File: V57440.D

Comments: ND denotes Non Detect  
ug / L = microgram per Liter

Signature: \_\_\_\_\_

  
Bruce Hoogesteger: Technical Director





## Volatile Analysis Report for Non-potable Water

Client: Day Environmental Inc

Client Job Site: Maguire  
95 Mt Read  
Client Job Number: 3681R-05  
Field Location: MW-21  
Field ID Number: N/A  
Sample Type: Water

Lab Project Number: 08-1957  
Lab Sample Number: 6838  
Date Sampled: 06/06/2008  
Date Received: 06/06/2008  
Date Analyzed: 06/18/2008

Halocarbons	Results in ug / L	Halocarbons	Results in ug / L
Bromodichloromethane	ND< 2.00	trans-1,2-Dichloroethene	ND< 2.00
Bromomethane	ND< 2.00	1,2-Dichloropropane	ND< 2.00
Bromoform	ND< 5.00	cis-1,3-Dichloropropene	ND< 2.00
Carbon Tetrachloride	ND< 2.00	trans-1,3-Dichloropropene	ND< 2.00
Chloroethane	ND< 2.00	Methylene chloride	ND< 5.00
Chloromethane	ND< 2.00	1,1,2,2-Tetrachloroethane	ND< 2.00
2-Chloroethyl vinyl Ether	ND< 10.0	Tetrachloroethene	ND< 2.00
Chloroform	ND< 2.00	1,1,1-Trichloroethane	ND< 2.00
Dibromochloromethane	ND< 2.00	1,1,2-Trichloroethane	ND< 2.00
1,1-Dichloroethane	ND< 2.00	Trichloroethene	ND< 2.00
1,2-Dichloroethane	ND< 2.00	Trichlorofluoromethane	ND< 2.00
1,1-Dichloroethene	ND< 2.00	Vinyl chloride	ND< 2.00
Chlorobenzene	ND< 2.00	1,3-Dichlorobenzene	ND< 2.00
1,2-Dichlorobenzene	ND< 2.00	1,4-Dichlorobenzene	ND< 2.00
cis-1,2-Dichloroethene	ND< 2.00		


ELAP Number 10958

Method: EPA 8260B

Data File: V57441.D

Comments: ND denotes Non Detect  
ug / L = microgram per Liter

Signature: \_\_\_\_\_

  
Bruce Hoogesteger: Technical Director



## Volatile Analysis Report for Non-potable Water

Client: Day Environmental Inc

Client Job Site: Maguire  
95 Mt Read  
Client Job Number: 3681R-05  
Field Location: MW-30  
Field ID Number: N/A  
Sample Type: Water

Lab Project Number: 08-1957  
Lab Sample Number: 6839  
Date Sampled: 06/06/2008  
Date Received: 06/06/2008  
Date Analyzed: 06/19/2008

Halocarbons	Results in ug / L	Halocarbons	Results in ug / L
Bromodichloromethane	ND< 10,000	trans-1,2-Dichloroethene	ND< 10,000
Bromomethane	ND< 10,000	1,2-Dichloropropane	ND< 10,000
Bromoform	ND< 25,000	cis-1,3-Dichloropropene	ND< 10,000
Carbon Tetrachloride	ND< 10,000	trans-1,3-Dichloropropene	ND< 10,000
Chloroethane	ND< 10,000	Methylene chloride	ND< 25,000
Chloromethane	ND< 10,000	1,1,2,2-Tetrachloroethane	ND< 10,000
2-Chloroethyl vinyl Ether	ND< 50,000	Tetrachloroethene	34,100
Chloroform	ND< 10,000	1,1,1-Trichloroethane	ND< 10,000
Dibromochloromethane	ND< 10,000	1,1,2-Trichloroethane	ND< 10,000
1,1-Dichloroethane	ND< 10,000	Trichloroethene	ND< 10,000
1,2-Dichloroethane	ND< 10,000	Trichlorofluoromethane	ND< 10,000
1,1-Dichloroethene	ND< 10,000	Vinyl chloride	ND< 10,000
Chlorobenzene	ND< 10,000	1,3-Dichlorobenzene	ND< 10,000
1,2-Dichlorobenzene	ND< 10,000	1,4-Dichlorobenzene	ND< 10,000
cis-1,2-Dichloroethene	ND< 10,000		

ELAP Number 10958

Method: EPA 8260B

Data File: V57462.D

Comments: ND denotes Non Detect  
ug / L = microgram per Liter

Signature: \_\_\_\_\_

Bruce Hoogesteger: Technical Director



## Volatile Analysis Report for Non-potable Water

Client: Day Environmental Inc

Client Job Site: Maguire  
95 Mt Read  
Client Job Number: 3681R-05  
Field Location: MW-31  
Field ID Number: N/A  
Sample Type: Water

Lab Project Number: 08-1957  
Lab Sample Number: 6840  
Date Sampled: 06/06/2008  
Date Received: 06/06/2008  
Date Analyzed: 06/19/2008

Halocarbons	Results in ug / L	Halocarbons	Results in ug / L
Bromodichloromethane	ND< 10.0	trans-1,2-Dichloroethene	ND< 10.0
Bromomethane	ND< 10.0	1,2-Dichloropropane	ND< 10.0
Bromoform	ND< 25.0	cis-1,3-Dichloropropene	ND< 10.0
Carbon Tetrachloride	ND< 10.0	trans-1,3-Dichloropropene	ND< 10.0
Chloroethane	ND< 10.0	Methylene chloride	ND< 25.0
Chloromethane	ND< 10.0	1,1,2,2-Tetrachloroethane	ND< 10.0
2-Chloroethyl vinyl Ether	ND< 50.0	Tetrachloroethene	289
Chloroform	ND< 10.0	1,1,1-Trichloroethane	ND< 10.0
Dibromochloromethane	ND< 10.0	1,1,2-Trichloroethane	ND< 10.0
1,1-Dichloroethane	ND< 10.0	Trichloroethene	113
1,2-Dichloroethane	ND< 10.0	Trichlorofluoromethane	ND< 10.0
1,1-Dichloroethene	ND< 10.0	Vinyl chloride	ND< 10.0
Chlorobenzene	ND< 10.0	1,3-Dichlorobenzene	ND< 10.0
1,2-Dichlorobenzene	ND< 10.0	1,4-Dichlorobenzene	ND< 10.0
cis-1,2-Dichloroethene	ND< 10.0		

ELAP Number 10958

Method: EPA 8260B

Data File: V57463.D

Comments: ND denotes Non Detect  
ug / L = microgram per Liter

Signature: \_\_\_\_\_

Bruce Hoogesteger: Technical Director

### Volatile Analysis Report for Non-potable Water

**Client: Day Environmental Inc**

**Client Job Site:** Maguire  
 95 Mt Read  
**Client Job Number:** 3681R-05  
**Field Location:** MW-32  
**Field ID Number:** N/A  
**Sample Type:** Water

**Lab Project Number:** 08-1957  
**Lab Sample Number:** 6841  
**Date Sampled:** 06/06/2008  
**Date Received:** 06/06/2008  
**Date Analyzed:** 06/19/2008

Halocarbons	Results in ug / L	Halocarbons	Results in ug / L
Bromodichloromethane	ND< 2.00	trans-1,2-Dichloroethene	ND< 2.00
Bromomethane	ND< 2.00	1,2-Dichloropropane	ND< 2.00
Bromoform	ND< 5.00	cis-1,3-Dichloropropene	ND< 2.00
Carbon Tetrachloride	ND< 2.00	trans-1,3-Dichloropropene	ND< 2.00
Chloroethane	ND< 2.00	Methylene chloride	ND< 5.00
Chloromethane	ND< 2.00	1,1,2,2-Tetrachloroethane	ND< 2.00
2-Chloroethyl vinyl Ether	ND< 10.0	Tetrachloroethene	ND< 2.00
Chloroform	ND< 2.00	1,1,1-Trichloroethane	ND< 2.00
Dibromochloromethane	ND< 2.00	1,1,2-Trichloroethane	ND< 2.00
1,1-Dichloroethane	ND< 2.00	Trichloroethene	ND< 2.00
1,2-Dichloroethane	ND< 2.00	Trichlorofluoromethane	ND< 2.00
1,1-Dichloroethene	ND< 2.00	Vinyl chloride	ND< 2.00
Chlorobenzene	ND< 2.00	1,3-Dichlorobenzene	ND< 2.00
1,2-Dichlorobenzene	ND< 2.00	1,4-Dichlorobenzene	ND< 2.00
cis-1,2-Dichloroethene	ND< 2.00		


ELAP Number 10958

Method: EPA 8260B

Data File: V57458.D

Comments: ND denotes Non Detect  
 ug / L = microgram per Liter

Signature:


  
 Bruce Hoogesteger: Technical Director

### Volatile Analysis Report for Non-potable Water

**Client:** Day Environmental Inc

**Client Job Site:** Maguire  
 95 Mt Read  
**Client Job Number:** 3681R-05  
**Field Location:** MW-33  
**Field ID Number:** N/A  
**Sample Type:** Water

**Lab Project Number:** 08-1957  
**Lab Sample Number:** 6842  
**Date Sampled:** 06/06/2008  
**Date Received:** 06/06/2008  
**Date Analyzed:** 06/19/2008

Halocarbons	Results in ug / L	Halocarbons	Results in ug / L
Bromodichloromethane	ND< 200	trans-1,2-Dichloroethene	ND< 200
Bromomethane	ND< 200	1,2-Dichloropropane	ND< 200
Bromoform	ND< 500	cis-1,3-Dichloropropene	ND< 200
Carbon Tetrachloride	ND< 200	trans-1,3-Dichloropropene	ND< 200
Chloroethane	ND< 200	Methylene chloride	ND< 500
Chloromethane	ND< 200	1,1,2,2-Tetrachloroethane	ND< 200
2-Chloroethyl vinyl Ether	ND< 1,000	Tetrachloroethene	2,950
Chloroform	ND< 200	1,1,1-Trichloroethane	ND< 200
Dibromochloromethane	ND< 200	1,1,2-Trichloroethane	ND< 200
1,1-Dichloroethane	ND< 200	Trichloroethene	954
1,2-Dichloroethane	ND< 200	Trichlorofluoromethane	ND< 200
1,1-Dichloroethene	ND< 200	Vinyl chloride	ND< 200
Chlorobenzene	ND< 200	1,3-Dichlorobenzene	ND< 200
1,2-Dichlorobenzene	ND< 200	1,4-Dichlorobenzene	ND< 200
cis-1,2-Dichloroethene	1,970		

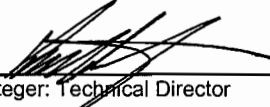
ELAP Number 10958

Method: EPA 8260B

Data File: V57464.D

Comments: ND denotes Non Detect  
 ug / L = microgram per Liter

Signature:


  
 Bruce Hoogesteger: Technical Director



## Volatile Analysis Report for Non-potable Water

Client: Day Environmental Inc

Client Job Site: Maguire  
95 Mt Read  
Client Job Number: 3681R-05  
Field Location: MW-34  
Field ID Number: N/A  
Sample Type: Water

Lab Project Number: 08-1957  
Lab Sample Number: 6843  
Date Sampled: 06/06/2008  
Date Received: 06/06/2008  
Date Analyzed: 06/19/2008

Halocarbons	Results in ug / L	Halocarbons	Results in ug / L
Bromodichloromethane	ND< 100	trans-1,2-Dichloroethene	149
Bromomethane	ND< 100	1,2-Dichloropropane	ND< 100
Bromoform	ND< 250	cis-1,3-Dichloropropene	ND< 100
Carbon Tetrachloride	ND< 100	trans-1,3-Dichloropropene	ND< 100
Chloroethane	ND< 100	Methylene chloride	ND< 250
Chloromethane	ND< 100	1,1,2,2-Tetrachloroethane	ND< 100
2-Chloroethyl vinyl Ether	ND< 500	Tetrachloroethene	328
Chloroform	ND< 100	1,1,1-Trichloroethane	ND< 100
Dibromochloromethane	ND< 100	1,1,2-Trichloroethane	ND< 100
1,1-Dichloroethane	ND< 100	Trichloroethene	460
1,2-Dichloroethane	ND< 100	Trichlorofluoromethane	ND< 100
1,1-Dichloroethene	ND< 100	Vinyl chloride	563
Chlorobenzene	ND< 100	1,3-Dichlorobenzene	ND< 100
1,2-Dichlorobenzene	ND< 100	1,4-Dichlorobenzene	ND< 100
cis-1,2-Dichloroethene	1,680		

ELAP Number 10958

Method: EPA 8260B

Data File: V57465.D

Comments: ND denotes Non Detect  
ug / L = microgram per Liter

Signature: \_\_\_\_\_

Bruce Hoogesteger: Technical Director

# PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue  
Rochester, NY 14608  
(585) 647-2530 • (800) 724-1997  
FAX: (585) 647-3311

## CHAIN OF CUSTODY

Page 2<sup>1 of 2</sup>

REPORT TO:				INVOICE TO:			
COMPANY: DAY Environmental Inc.	ADDRESS: 40 Commercial St.			COMPANY:	ADDRESS: Same		
CITY: Rochester	STATE: NY	ZIP: 14614	PHONE: 585-454-0210	CITY: Same	STATE:	ZIP:	PHONE: FAX:
ATTN: Nate Simon				ATTN:			
COMMENTS: Please email results to N. Simon				QUOTE #: quote			
LAB PROJECT #: 08-1957				CLIENT PROJECT #: 3681R-05			
TURNAROUND TIME: (WORKING DAYS)				<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 5 <input checked="" type="checkbox"/> 10 days			

PROJECT NAME/SITE NAME:  
Maguire  
95 Mt. Road

### REQUESTED ANALYSIS

DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	CONTAINERS	REMARKS	PARADIGM LAB SAMPLE NUMBER
16-6-08			X	MW-1	Air	2		6831
2			X	MW-4				6832
3			X	MW-8				6833
4			X	MW-11				6834
5			X	MW-13				6835
6			X	MW-14				6836
7			X	MW-15				6837
8			X	MW-21				6838
9			X	MW-30				6839
10			X	MW-31				6840

\*\*LAB USE ONLY BELOW THIS LINE\*\*

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance	
Container Type:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments:		
Preservation:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments:		
Holding Time:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments:		
Temperature: 5°Ciced	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments:		

Sampled By: *[Signature]* 6-6-08/13:00  
 Relinquished By: *[Signature]* 6-6-08/14:20  
 Received By: *[Signature]* 6/6/08 1420  
 Received @ Lab By: Elizabeth A. Honch 6/6/08 1600

Total Cost:

P.I.F.

# PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue  
Rochester, NY 14608  
(585) 647-2530 • (800) 724-1997  
FAX: (585) 647-3311

## CHAIN OF CUSTODY

Page 2 of 2

REPORT TO:		INVOICE TO:			
COMPANY: <u>DAP Environmental Inc.</u>	COMPANY:	LAB PROJECT #: <u>08-1957</u>	CLIENT PROJECT #: <u>3681R-05</u>		
ADDRESS: <u>40 Commercial St.</u>	ADDRESS:	TURNAROUND TIME: (WORKING DAYS)			
CITY: <u>Rochester</u> STATE: <u>NY</u> ZIP: <u>14614</u>	CITY: <u>Some</u> STATE: ZIP:	STD <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 5 OTHER <input checked="" type="checkbox"/> 10 days			
PHONE: <u>585-454-0210</u> FAX: <u>585-454-0825</u>	PHONE: FAX:	QUOTE #: <u>quote</u>			
ATTN: <u>N. Simon</u>	ATTN:	PROJECT NAME/SITE NAME: <u>Maguire 95 Mt. Read</u>			
COMMENTS: <u>Please email results to N. Simon</u>					

REQUESTED ANALYSIS									
DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	CONTAMINERS	REMARKS	PARADIGM LAB SAMPLE NUMBER	
1 6-6-08			X	MW-32	Aa	X			6841
2 ↓			X	MW-33	↓	X			6842
3 ↓			X	MW-34	↓	X			6843
4							CREAT 6/6		6844
5									
6									
7									
8									
9									
10									

**\*\*LAB USE ONLY BELOW THIS LINE\*\***  
Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance	
Container Type:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments:		
Preservation:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments:		
Holding Time:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments:		
Temperature:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments: <u>5°Ciced</u>		

Sampled By MWD 6-6-08/13:00  
 Date/Time  
 Relinquished By MWD 6-6-08/14:20  
 Date/Time  
 Received By Elizabeth A. Honch 6/6/08 14:20  
 Date/Time  
 Received @ Lab By \_\_\_\_\_ Date/Time

Total Cost:

P.I.F.



## Analytical Report Cover Page

Day Environmental

For Lab Project # 09-2106

Issued June 18, 2009

This report contains a total of 3 pages

The reported results relate only to the samples as they have been received by the laboratory.

Any noncompliant QC parameters having impact on the data are flagged or documented on the final report.

All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

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The Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt. Sample condition requirements are defined under the 2003 NELAC Standard, sections 5.5.8.3.1 and 5.5.8.3.2.

NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified.

Data qualifiers are used, when necessary, to provide additional information about the data. This information may be communicated as a flag or as text at the bottom of the report. Please refer to the following list of frequently used data flags and their meaning:

**"ND" = analyzed for but not detected.**

**"E" = Result has been estimated, calibration limit exceeded.**

**"D" = Duplicate results outside QC limits. May indicate a non-homogenous matrix.**

**"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.**

**"B" = Method blank contained trace levels of analyte. Refer to included method blank report.**



**Client:** Day Environmental, Inc.

**Lab Project No.:** 09-2106

**Client Job Site:** Mt. Read

**Sample Type:** Water

**Method:** EPA 200.7

**Client Job No.:** 3681R-05

**Date(s) Sampled:** 06/12/2009

**Date Received:** 06/12/2009


**Date Analyzed:** 06/17/2009

**Laboratory Report for Metals Analysis in Water**

Lab Sample No.	Field ID No.	Field Location	Chromium Results (mg/L)
6898	N/A	Sys Eff	<0.010

ELAP ID No.: 10958

Comments:

**Approved By:**   
Bruce Hoogesteger, Technical Director

# PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue  
Rochester, NY 14608  
(585) 647-2530 • (800) 724-1997  
FAX: (585) 647-3311

## CHAIN OF CUSTODY

REPORT TO:				INVOICE TO:			
COMPANY: <i>Day Environmental Inc</i>		COMPANY:		LAB PROJECT #: <i>09-2106</i>		CLIENT PROJECT #: <i>3681R-05</i>	
ADDRESS: <i>40 Commercial St</i>		ADDRESS:		TURNAROUND TIME: (WORKING DAYS)			
CITY: <i>Rochester</i> STATE: <i>NY</i> ZIP: <i>14614</i>		CITY: <i>SARIE</i> STATE: ZIP:		<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input checked="" type="checkbox"/> 5 <input type="checkbox"/> OTHER			
PHONE: <i>434 0210</i> FAX: <i>434 0825</i>		PHONE: FAX:		QUOTE #:			
PROJECT NAME/SITE NAME: <i>Mt Road</i>				ATTN: <i>N Simon/B Kline</i>		ATTN:	
COMMENTS: <i>Please Email Results</i>							

### REQUESTED ANALYSIS

DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	CONTAINERS	CR	REMARKS	PARADIGM LAB SAMPLE NUMBER					
<i>6/12/09</i>	<i>8:45</i>		<i>X</i>	<i>SYS EFF</i>	<i>A2</i>	<i>1</i>	<i>X</i>				<i>6</i>	<i>8</i>	<i>9</i>	<i>8</i>
2														
3														
4														
5														
6														
7														
8														
9														
10														

**\*\*LAB USE ONLY BELOW THIS LINE\*\***

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance	
Container Type:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments:		
Preservation:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments:		
Holding Time:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments:		
Temperature:	<i>8°C</i> <input type="checkbox"/>	N <input type="checkbox"/>
Comments:	<i>8°Ciced-NIA<sup>y</sup> b/c for metals only</i>	

*Nathan Simon* *6/12/09 @ 8:40*  
 Sampled By Date/Time  
*Nathan Simon* *6/12/09 @ 9:07*  
 Relinquished By Date/Time  
*MJ@M* *6/12/09 907*  
 Received By Date/Time  
*Elizabeth A. Homch* *6/12/09 1125*  
 Received @ Lab By Date/Time

Total Cost:

P.I.F.

## Analytical Report Cover Page

Day Environmental

For Lab Project # 09-2105

Issued June 19, 2009

This report contains a total of 7 pages

The reported results relate only to the samples as they have been received by the laboratory.

Any noncompliant QC parameters having impact on the data are flagged or documented on the final report.

All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

Each page of this document is part of a multipage report. This document may not be reproduced except in its entirety, without the prior consent of Paradigm Environmental Services, Inc.

The Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt. Sample condition requirements are defined under the 2003 NELAC Standard, sections 5.5.8.3.1 and 5.5.8.3.2.

NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified.

Data qualifiers are used, when necessary, to provide additional information about the data. This information may be communicated as a flag or as text at the bottom of the report. Please refer to the following list of frequently used data flags and their meaning:

**"ND" = analyzed for but not detected.**

**"E" = Result has been estimated, calibration limit exceeded.**

**"D" = Duplicate results outside QC limits. May indicate a non-homogenous matrix.**

**"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.**

**"B" = Method blank contained trace levels of analyte. Refer to included method blank report.**



**Client:** Day Environmental, Inc.

**Lab Project No.:** 09-2105

**Client Job Site:** Mt. Read

**Sample Type:** Water  
**Method:** EPA 200.7

**Client Job No.:** 3681R-05

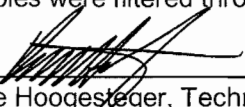
**Date(s) Sampled:** 06/12/2009  
**Date Received:** 06/12/2009  
**Date Analyzed:** 06/17/2009

**Laboratory Report for Metals Analysis in Water**

Lab Sample No.	Field ID No.	Field Location	Chromium Results (mg/L)
6891	N/A	MM Inf	0.014
6892	N/A	MM Eff T-1 D-6	<0.010
6893	N/A	MM Eff T-2 D-1	<0.010

ELAP ID No.: 10958

**Comments:** Samples were filtered through a 0.45 um filter prior to digestion, as per client.

**Approved By:**   
Bruce Hoogesteger, Technical Director

**Volatile Analysis Report for Non-potable Water**Client: **Day Environmental**

Client Job Site: Mt Read

Lab Project Number: 09-2105

Lab Sample Number: 6894

Client Job Number: 3681R-05

Field Location: AC Inf

Date Sampled: 06/12/2009

Field ID Number: N/A

Date Received: 06/12/2009

Sample Type: Water

Date Analyzed: 06/17/2009

Halocarbons	Results in ug / L	Halocarbons	Results in ug / L
Bromodichloromethane	ND< 200	trans-1,2-Dichloroethene	ND< 200
Bromomethane	ND< 200	1,2-Dichloropropane	ND< 200
Bromoform	ND< 500	cis-1,3-Dichloropropene	ND< 200
Carbon Tetrachloride	ND< 200	trans-1,3-Dichloropropene	ND< 200
Chloroethane	ND< 200	Methylene chloride	ND< 500
Chloromethane	ND< 200	1,1,2,2-Tetrachloroethane	ND< 200
2-Chloroethyl vinyl Ether	ND< 1,000	Tetrachloroethene	1,740
Chloroform	ND< 200	1,1,1-Trichloroethane	ND< 200
Dibromochloromethane	ND< 200	1,1,2-Trichloroethane	ND< 200
1,1-Dichloroethane	ND< 200	Trichloroethene	871
1,2-Dichloroethane	ND< 200	Trichlorofluoromethane	ND< 200
1,1-Dichloroethene	ND< 200	Vinyl chloride	ND< 200
Chlorobenzene	ND< 200	1,3-Dichlorobenzene	ND< 200
1,2-Dichlorobenzene	ND< 200	1,4-Dichlorobenzene	ND< 200
cis-1,2-Dichloroethene	690		


ELAP Number 10958

Method: EPA 8260B

Data File: V66456.D

Comments: ND denotes Non Detect  
ug / L = microgram per Liter

Signature: \_\_\_\_\_

  
 Bruce Hoogesteger: Technical Director

**Volatile Analysis Report for Non-potable Water**Client: **Day Environmental**

Client Job Site: Mt Read

Lab Project Number: 09-2105

Lab Sample Number: 6895

Client Job Number: 3681R-05

Field Location: AC Eff T-1 D-1

Date Sampled: 06/12/2009

Field ID Number: N/A

Date Received: 06/12/2009

Sample Type: Water

Date Analyzed: 06/17/2009

Halocarbons	Results in ug / L	Halocarbons	Results in ug / L
Bromodichloromethane	ND< 4.00	trans-1,2-Dichloroethene	ND< 4.00
Bromomethane	ND< 4.00	1,2-Dichloropropane	ND< 4.00
Bromoform	ND< 10.0	cis-1,3-Dichloropropene	ND< 4.00
Carbon Tetrachloride	ND< 4.00	trans-1,3-Dichloropropene	ND< 4.00
Chloroethane	ND< 4.00	Methylene chloride	ND< 10.0
Chloromethane	ND< 4.00	1,1,2,2-Tetrachloroethane	ND< 4.00
2-Chloroethyl vinyl Ether	ND< 20.0	Tetrachloroethene	4.13
Chloroform	ND< 4.00	1,1,1-Trichloroethane	ND< 4.00
Dibromochloromethane	ND< 4.00	1,1,2-Trichloroethane	ND< 4.00
1,1-Dichloroethane	ND< 4.00	Trichloroethene	10.4
1,2-Dichloroethane	ND< 4.00	Trichlorofluoromethane	ND< 4.00
1,1-Dichloroethene	ND< 4.00	Vinyl chloride	ND< 4.00
Chlorobenzene	ND< 4.00	1,3-Dichlorobenzene	ND< 4.00
1,2-Dichlorobenzene	ND< 4.00	1,4-Dichlorobenzene	ND< 4.00
cis-1,2-Dichloroethene	240		


ELAP Number 10958

Method: EPA 8260B

Data File: V66467.D

Comments: ND denotes Non Detect  
ug / L = microgram per Liter

Signature: \_\_\_\_\_

  
 Bruce Hoogesteger: Technical Director

**Volatile Analysis Report for Non-potable Water**Client: **Day Environmental**

Client Job Site: Mt Read

Lab Project Number: 09-2105

Lab Sample Number: 6896

Client Job Number: 3681R-05

Field Location: AC Eff T-2 D-7

Date Sampled: 06/12/2009

Field ID Number: N/A

Date Received: 06/12/2009

Sample Type: Water

Date Analyzed: 06/17/2009

Halocarbons	Results in ug / L	Halocarbons	Results in ug / L
Bromodichloromethane	ND< 20.0	trans-1,2-Dichloroethene	ND< 20.0
Bromomethane	ND< 20.0	1,2-Dichloropropane	ND< 20.0
Bromoform	ND< 50.0	cis-1,3-Dichloropropene	ND< 20.0
Carbon Tetrachloride	ND< 20.0	trans-1,3-Dichloropropene	ND< 20.0
Chloroethane	ND< 20.0	Methylene chloride	ND< 50.0
Chloromethane	ND< 20.0	1,1,2,2-Tetrachloroethane	ND< 20.0
2-Chloroethyl vinyl Ether	ND< 100	Tetrachloroethene	66.4
Chloroform	ND< 20.0	1,1,1-Trichloroethane	ND< 20.0
Dibromochloromethane	ND< 20.0	1,1,2-Trichloroethane	ND< 20.0
1,1-Dichloroethane	ND< 20.0	Trichloroethene	166
1,2-Dichloroethane	ND< 20.0	Trichlorofluoromethane	ND< 20.0
1,1-Dichloroethene	ND< 20.0	Vinyl chloride	ND< 20.0
Chlorobenzene	ND< 20.0	1,3-Dichlorobenzene	ND< 20.0
1,2-Dichlorobenzene	ND< 20.0	1,4-Dichlorobenzene	ND< 20.0
cis-1,2-Dichloroethene	1,090		

ELAP Number 10958

Method: EPA 8260B

Data File: V66458.D

Comments: ND denotes Non Detect  
ug / L = microgram per Liter

Signature: \_\_\_\_\_

Bruce Hoogesteger: Technical Director



### Volatile Analysis Report for Non-potable Water

**Client: Day Environmental**

Client Job Site: Mt Read	Lab Project Number: 09-2105
Client Job Number: 3681R-05	Lab Sample Number: 6897
Field Location: SYS Eff	Date Sampled: 06/12/2009
Field ID Number: N/A	Date Received: 06/12/2009
Sample Type: Water	Date Analyzed: 06/17/2009

Halocarbons	Results in ug / L	Halocarbons	Results in ug / L
Bromodichloromethane	ND< 2.00	trans-1,2-Dichloroethene	ND< 2.00
Bromomethane	ND< 2.00	1,2-Dichloropropane	ND< 2.00
Bromoform	ND< 5.00	cis-1,3-Dichloropropene	ND< 2.00
Carbon Tetrachloride	ND< 2.00	trans-1,3-Dichloropropene	ND< 2.00
Chloroethane	ND< 2.00	Methylene chloride	ND< 5.00
Chloromethane	ND< 2.00	1,1,2,2-Tetrachloroethane	ND< 2.00
2-Chloroethyl vinyl Ether	ND< 10.0	Tetrachloroethene	ND< 2.00
Chloroform	ND< 2.00	1,1,1-Trichloroethane	ND< 2.00
Dibromochloromethane	ND< 2.00	1,1,2-Trichloroethane	ND< 2.00
1,1-Dichloroethane	ND< 2.00	Trichloroethene	ND< 2.00
1,2-Dichloroethane	ND< 2.00	Trichlorofluoromethane	ND< 2.00
1,1-Dichloroethene	ND< 2.00	Vinyl chloride	87.3
Chlorobenzene	ND< 2.00	1,3-Dichlorobenzene	ND< 2.00
1,2-Dichlorobenzene	ND< 2.00	1,4-Dichlorobenzene	ND< 2.00
cis-1,2-Dichloroethene	226		

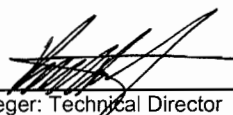
ELAP Number 10958

Method: EPA 8260B

Data File: V66459.D

Comments: ND denotes Non Detect  
 ug / L = microgram per Liter

Signature:

  
 \_\_\_\_\_  
 Bruce Hoogesteger: Technical Director

# PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue  
Rochester, NY 14608  
(585) 647-2530 • (800) 724-1997  
FAX: (585) 647-3311

## CHAIN OF CUSTODY

REPORT TO:		INVOICE TO:		LAB PROJECT #:	CLIENT PROJECT #:
COMPANY:	DAY Environmental Inc	COMPANY:		09-2105	36813-05
ADDRESS:	40 Commercial St	ADDRESS:		TURNAROUND TIME: (WORKING DAYS)	
CITY:	Rochester	STATE:	NY	ZIP:	14559
PHONE:	454 0210	FAX:	454 0825	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input checked="" type="checkbox"/> 5 <input type="checkbox"/> OTHER	
ATTN:	N. Simon / B. Kline	ATTN:		QUOTE #:	
PROJECT NAME/SITE NAME:	Mt Read		COMMENTS: Please Email Results		

### REQUESTED ANALYSIS

DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	CONUTAMBIENERS	Soluble Cr	Hab Vocs	CIS/PCDE	REMARKS	PARADIGM LAB SAMPLE NUMBER
16/12/09	7:40		X	MM INF	Ag	1	X				6891
2	7:35		X	MM EFF T-1 D-6		1	X				6892
3	7:30		X	MM EFF T-2 D-1		1	X				6893
4	8:00		X	AC INF		2	X				6894
5	7:45		X	AC EFF T-1 D-1		2	X				6895
6	8:05		X	AC EFF T-2 D-7		2	X				6896
7	7:50		X	SYS EFF		2	X				6897
8											
9											
10											

**\*\*LAB USE ONLY BELOW THIS LINE\*\***

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance	
Container Type:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments:		
Preservation:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments:		
Holding Time:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments:		
Temperature:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments:	8°Ciced - pres. begun in field	

Sampled By	<i>Nathan Simon</i>	Date/Time	6/12/09 @ 8:35	Total Cost:	<input type="text"/>
Relinquished By	<i>Nathan Simon</i>	Date/Time	6/12/09 @ 9:07		
Received By	<i>Elizabeth A. Honch</i>	Date/Time	6/12/09 907	P.I.F.	<input type="text"/>
Received @ Lab By	<i>Elizabeth A. Honch</i>	Date/Time	6/12/09 1100		

## Analytical Report Cover Page

Day Environmental

For Lab Project # 09-2179

Issued June 23, 2009

This report contains a total of 3 pages

The reported results relate only to the samples as they have been received by the laboratory.

Any noncompliant QC parameters having impact on the data are flagged or documented on the final report.

All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

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NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified.

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**"E" = Result has been estimated, calibration limit exceeded.**

**"D" = Duplicate results outside QC limits. May indicate a non-homogenous matrix.**

**"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.**

**"B" = Method blank contained trace levels of analyte. Refer to included method blank report.**

**Client:** Day Environmental, Inc.
**Lab Project No.:** 09-2179

**Client Job Site:** Mt. Read

**Sample Type:** Water  
**Method:** EPA 200.7

**Client Job No.:** 3681R-05

**Date(s) Sampled:** 06/19/2009  
**Date Received:** 06/19/2009  
**Date Analyzed:** 06/23/2009

**Laboratory Report for Metals Analysis in Water**

Lab Sample No.	Field ID No.	Field Location	Chromium Results (mg/L)
7073	N/A	MM Inf	0.123
7074	N/A	MM Eff T-1 D-6	0.094
7075	N/A	MM Eff T-2 D-1	0.070

ELAP ID No.: 10958

**Comments:** Samples were filtered through a 0.45 um filter prior to digestion, as per client.

**Approved By:**   
 Bruce Hoogesteger, Technical Director



# CHAIN OF CUSTODY

<b>REPORT TO:</b>		<b>INVOICE TO:</b>		LAB PROJECT #:	CLIENT PROJECT #:
COMPANY: <u>Day Environmental Inc</u>		COMPANY: <u>Same</u>		<u>09-2179</u>	<u>3681R-05</u>
ADDRESS: <u>40 Commercial St</u>		ADDRESS:		TURNAROUND TIME: (WORKING DAYS)	
CITY: <u>Rochester</u>	STATE: <u>NY</u>	ZIP: <u>14614</u>	CITY: <u>SAME</u>		
PHONE: <u>454-0210</u>	FAX: <u>454-0825</u>		PHONE:		
ATTN: <u>Norman / B. Kline</u>		ATTN:		<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input checked="" type="checkbox"/> 5 <input type="checkbox"/> OTHER	
PROJECT NAME/SITE NAME: <u>ME Road</u>		COMMENTS: <u>Please Email Results</u>		Quotation #	

REQUESTED ANALYSIS									
DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	CONTAINER	30 LITRE CF	REMARKS	PARADIGM LAB SAMPLE NUMBER
1 <u>6/19/09</u>	<u>8:10</u>		<u>X</u>	<u>MM INF</u>	<u>Ag</u>	<u>31</u>	<u>X</u>		<u>7073</u>
2 <u>↓</u>	<u>8:15</u>		<u>X</u>	<u>MM EFF T-1 D-6</u>	<u>↓</u>	<u>1</u>	<u>X</u>		<u>7074</u>
3 <u>↓</u>	<u>8:20</u>		<u>X</u>	<u>MM EFF T-2 D-1</u>	<u>↓</u>	<u>1</u>	<u>X</u>		<u>7075</u>
4									
5									
6									
7									
8									
9									
10									

**\*\*LAB USE ONLY BELOW THIS LINE\*\***

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance	
Container Type:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments: _____		
Preservation:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments: _____		
Holding Time:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments: _____		
Temperature: <u>10°C iced-</u>	Y <input type="checkbox"/>	N <input type="checkbox"/>
Comments: <u>N/A b/c for metals only</u>		

<u>Nathan Simon</u>	<u>6/19/09 @ 8:25</u>	Total Cost: <input style="width: 100%;" type="text"/>
Sampled By	Date/Time	
<u>Nathan Simon</u>	<u>6/19/09 @ 8:58</u>	
Relinquished By	Date/Time	
<u>[Signature]</u>	<u>6/19/09 8:59 AM</u>	P.I.F. <input style="width: 100%;" type="text"/>
Received By	Date/Time	
<u>Elizabeth A. Honch</u>	<u>6/19/09 1040</u>	
Received @ Lab By	Date/Time	

## Analytical Report Cover Page

Day Environmental

For Lab Project # 09-2273

Issued July 2, 2009

This report contains a total of 3 pages

The reported results relate only to the samples as they have been received by the laboratory.

Any noncompliant QC parameters having impact on the data are flagged or documented on the final report.

All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

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**"D" = Duplicate results outside QC limits. May indicate a non-homogenous matrix.**

**"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.**

**"B" = Method blank contained trace levels of analyte. Refer to included method blank report.**

Client: Day Environmental, Inc.

Lab Project No.: 09-2273

Client Job Site: N/A

 Sample Type: Water  
 Method: EPA 200.7

Client Job No.: 3681R-05


 Date(s) Sampled: 06/26/2009  
 Date Received: 06/26/2009  
 Date Analyzed: 06/30/2009

**Laboratory Report for Metals Analysis in Water**

Lab Sample No.	Field ID No.	Field Location	Chromium Results (mg/L)
7349	N/A	MM Inf	0.027
7350	N/A	MM Eff T-1 D-6	0.023
7351	N/A	MM Eff T-2 D-10	0.023

ELAP ID No.: 10958

Comments: The LCS and LCS duplicate percent difference was outside QC limits for chromium. Samples were filtered through a 0.45 um filter prior to digestion, as per client.

 Approved By:   
 Bruce Hoogesteger, Technical Director

# PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue  
Rochester, NY 14608  
(585) 647-2530 • (800) 724-1997  
FAX: (585) 647-3311

## CHAIN OF CUSTODY

REPORT TO:				INVOICE TO:			
COMPANY: DAY Environmental Inc		ADDRESS: 40 Commercial St		COMPANY: SAME		ADDRESS: SAME	
CITY: Rochester		STATE: NY		CITY: SAME		STATE: SAME	
PHONE: 585 454 0210		FAX: 454 0825		PHONE: SAME		FAX: SAME	
ATTN: U Simon / B Kline		COMMENTS: Please email Results		LAB PROJECT #: 09-2273		CLIENT PROJECT #: 36813-05	
PROJECT NAME/SITE NAME:				TURNAROUND TIME: (WORKING DAYS)		<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input checked="" type="checkbox"/> 5 <input type="checkbox"/> OTHER	

### REQUESTED ANALYSIS

DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	CONTAINER	GENERATORS	REMARKS	PARADIGM LAB SAMPLE NUMBER
16/26/09			X	MM INF	Aq	1	X		7349
2			X	MM EFF T2 D-6		1	X		7350
3			X	MM EFF T-2 D-10		1	X		7351
4									
5									
6									
7									
8									
9									
10									

**\*\*LAB USE ONLY BELOW THIS LINE\*\***

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance	
Container Type:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments:		
Preservation:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments:		
Holding Time:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments:		
Temperature: ee EAH 6/26	Y <input type="checkbox"/>	N <input type="checkbox"/>
Comments: 12°C - NIA		

ble for metals only

Matthew Simon 6/26/09 @ 7:15  
 Sampled By Date/Time  
 El Melu 6/26/09 8:35  
 Relinquished By Date/Time  
 [Signature] 6/26/09 8:35  
 Received By Date/Time  
 Elizabeth A. Honch 6/26/09 10:40  
 Received @ Lab By Date/Time

Total Cost:

P.I.F.



## Analytical Report Cover Page

Day Environmental

For Lab Project # 09-2366

Issued July 8, 2009

This report contains a total of 3 pages

The reported results relate only to the samples as they have been received by the laboratory.

Any noncompliant QC parameters having impact on the data are flagged or documented on the final report.

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**"E" = Result has been estimated, calibration limit exceeded.**

**"D" = Duplicate results outside QC limits. May indicate a non-homogenous matrix.**

**"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.**

**"B" = Method blank contained trace levels of analyte. Refer to included method blank report.**



179 Lake Avenue, Rochester, NY 14608 (585) 647-2530 FAX (585) 647-3311

Client: Day Environmental Inc

Lab Project No.: 09-2366

Client Job Site: Mt Read

Sample Type: Water  
Method: EPA 200.7

Client Job No.: 3681R-05

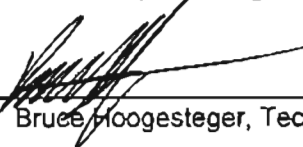
Date(s) Sampled: 07/02/2009  
Date Received: 07/02/2009  
Date Analyzed: 07/07/2009

Laboratory Report for Metals Analysis in Water

Lab Sample No.	Field ID No.	Field Location	Chromium Results (mg/L)
7625	N/A	MM INF	0.179
7626	N/A	MM EFF T-1 D-6	0.150
7627	N/A	MM EFF T-2 D-1	0.117

ELAP ID No.: 10958

Comments: Samples were filtered prior to digestion per client.

Approved By:   
Bruce Hoogesteger, Technical Director

# PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue  
Rochester, NY 14608  
(585) 647-2530 • (800) 724-1997  
FAX: (585) 647-3311

## CHAIN OF CUSTODY

REPORT TO:

INVOICE TO:

COMPANY: Day Environmental Inc	COMPANY:	LAB PROJECT #: 09-2306	CLIENT PROJECT #: 3681R-05
ADDRESS: 40 Commercial St	ADDRESS:	TURNAROUND TIME: (WORKING DAYS)	
CITY: Rochester NY STATE: NY ZIP: 14614	CITY: STATE: ZIP:	1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input checked="" type="checkbox"/> 5 <input type="checkbox"/>	
PHONE: 454 0210 FAX: 454 0825	PHONE: FAX:	QUOTE #:	
ATTN: N Simon / B Kline	ATTN:	STANDARD OTHER	
COMMENTS: Please Email Results			

PROJECT NAME/SITE NAME:

Mt Read

### REQUESTED ANALYSIS

DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	CONTAMINERS	Substrate	REMARKS	PARADIGM LAB SAMPLE NUMBER
7/2/09	8:00		X	MM INF	Ag	1	X		7625
	8:10		X	MM EFF T-1 D-6		1	X		7626
	8:15		X	MM EFF T-2 D-1		1	X		7627
4									
5									
6									
7									
8									
9									
10									

\*\*LAB USE ONLY BELOW THIS LINE\*\*

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance
Container Type:	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
Comments:	
Preservation:	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
Comments:	
Holding Time:	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
Comments:	
Temperature:	Y <input type="checkbox"/> N <input type="checkbox"/>
Comments:	4°Ciced - N/A h/c for metals only

Sampled By: Matthew Simon Date/Time: 7/2/09 @ 8:20  
 Relinquished By: Matthew Simon Date/Time: 7/2/09 @ 2:30  
 Received By: [Signature] Date/Time: 7/2/09 1430  
 Received @ Lab By: Elizabeth A. Honck Date/Time: 7/2/09 1655

Total Cost:

P.I.F.

## Analytical Report Cover Page

Day Environmental

For Lab Project # 09-2467

Issued July 20, 2009

This report contains a total of 3 pages

The reported results relate only to the samples as they have been received by the laboratory.

Any noncompliant QC parameters having impact on the data are flagged or documented on the final report.

All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

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The Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt. Sample condition requirements are defined under the 2003 NELAC Standard, sections 5.5.8.3.1 and 5.5.8.3.2.

NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified.

Data qualifiers are used, when necessary, to provide additional information about the data. This information may be communicated as a flag or as text at the bottom of the report. Please refer to the following list of frequently used data flags and their meaning:

**"ND" = analyzed for but not detected.**

**"E" = Result has been estimated, calibration limit exceeded.**

**"D" = Duplicate results outside QC limits. May indicate a non-homogenous matrix.**

**"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.**

**"B" = Method blank contained trace levels of analyte. Refer to included method blank report.**

**Client:** Day Environmental, Inc.

**Lab Project No.:** 09-2467

**Client Job Site:** Mt Read

**Sample Type:** Water  
**Method:** EPA 200.7

**Client Job No.:** 3681R-05

**Date(s) Sampled:** 07/10/2009  
**Date Received:** 07/10/2009  
**Date Analyzed:** 07/20/2009

**Laboratory Report for Metals Analysis in Water**

Lab Sample No.	Field ID No.	Field Location	Chromium Results (mg/L)
7840	N/A	SYS EFF	<0.010

ELAP ID No.: 10958

Comments:

**Approved By:** *Bruce Hoogesteger*  
Bruce Hoogesteger, Technical Director

# PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue  
Rochester, NY 14608  
(585) 647-2530 • (800) 724-1997  
FAX: (585) 647-3311

## CHAIN OF CUSTODY

REPORT TO:

INVOICE TO:

COMPANY: <u>Day Environmental Inc</u>	COMPANY:	LAB PROJECT #: <u>09.2467</u>	CLIENT PROJECT #: <u>3681R-05</u>
ADDRESS: <u>40 Commercial st</u>	ADDRESS:	TURNAROUND TIME: (WORKING DAYS)	
CITY: <u>Rochester</u> STATE: <u>Ny</u> ZIP: <u>14604</u>	CITY: STATE: ZIP:	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input checked="" type="checkbox"/> 5 <input type="checkbox"/> OTHER	
PHONE: <u>454 0810</u> FAX: <u>454 0825</u>	PHONE: <u>SAMPLE</u> FAX:	QUOTE #:	
ATTN: <u>N Simon / B Kline</u>	ATTN:	PROJECT NAME/SITE NAME: <u>Mt Bread</u>	
COMMENTS: <u>Please Email Results</u>			

### REQUESTED ANALYSIS

DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	CONTAMINERS	Total CF	REMARKS	PARADIGM LAB SAMPLE NUMBER
<u>7/10/09</u>	<u>8:45</u>		<u>X</u>	<u>SYS EFF</u>	<u>Ag</u>	<u>1</u>	<u>X</u>		<u>7840</u>

**\*\*LAB USE ONLY BELOW THIS LINE\*\***

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance	
Container Type:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments: _____		
Preservation:	Y <input type="checkbox"/>	N <input checked="" type="checkbox"/>
Comments: <u>HNO3 added at lab</u>		
Holding Time:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments: _____		
Temperature:	Y <input type="checkbox"/>	N <input type="checkbox"/>
Comments: <u>15°Ciced</u>		
<u>N/A ble for metals only</u>		

Nathan Simon 7/10/09 @ 9:15  
 Sampled By Date/Time

Nathan Simon 7/10/09 @ 10:08  
 Relinquished By Date/Time

[Signature] 7/16/09 @ 1008  
 Received By Date/Time

Elizabeth A. Honch 7/10/09 1045  
 Received @ Lab By Date/Time

Total Cost:

P.I.F.

## Analytical Report Cover Page

Day Environmental

For Lab Project # 09-2466

Issued July 17, 2009

This report contains a total of 7 pages

The reported results relate only to the samples as they have been received by the laboratory.

Any noncompliant QC parameters having impact on the data are flagged or documented on the final report.

All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

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**"ND" = analyzed for but not detected.**

**"E" = Result has been estimated, calibration limit exceeded.**

**"D" = Duplicate results outside QC limits. May indicate a non-homogenous matrix.**

**"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.**

**"B" = Method blank contained trace levels of analyte. Refer to included method blank report.**



**Client:** Day Environmental, Inc.

**Lab Project No.:** 09-2466

**Client Job Site:** Mt Read

**Sample Type:** Water  
**Method:** EPA 200.7

**Client Job No.:** 3681R-05

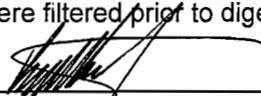
**Date(s) Sampled:** 07/10/2009  
**Date Received:** 07/10/2009  
**Date Analyzed:** 07/17/2009

**Laboratory Report for Metals Analysis in Water**

Lab Sample No.	Field ID No.	Field Location	Chromium Results (mg/L)
7833	N/A	MM INF	0.123
7834	N/A	MM EFF T-1 D-6	0.077
7835	N/A	MM EFF T-2 D-1	0.070

ELAP ID No.: 10958

Comments: Samples were filtered prior to digestion per client.

**Approved By:**   
Bruce Hoogesteger, Technical Director



**Volatile Analysis Report for Non-potable Water**Client: **Day Environmental**

Client Job Site: Mt Read

Lab Project Number: 09-2466

Lab Sample Number: 7836

Client Job Number: 3681R-05

Field Location: AC Inf

Date Sampled: 07/10/2009

Field ID Number: N/A

Date Received: 07/10/2009

Sample Type: Water

Date Analyzed: 07/16/2009

Halocarbons	Results in ug / L	Halocarbons	Results in ug / L
Bromodichloromethane	ND< 200	trans-1,2-Dichloroethene	ND< 200
Bromomethane	ND< 200	1,2-Dichloropropane	ND< 200
Bromoform	ND< 500	cis-1,3-Dichloropropene	ND< 200
Carbon Tetrachloride	ND< 200	trans-1,3-Dichloropropene	ND< 200
Chloroethane	ND< 200	Methylene chloride	ND< 500
Chloromethane	ND< 200	1,1,2,2-Tetrachloroethane	ND< 200
2-Chloroethyl vinyl Ether	ND< 1,000	Tetrachloroethene	1,340
Chloroform	ND< 200	1,1,1-Trichloroethane	ND< 200
Dibromochloromethane	ND< 200	1,1,2-Trichloroethane	ND< 200
1,1-Dichloroethane	ND< 200	Trichloroethene	819
1,2-Dichloroethane	ND< 200	Trichlorofluoromethane	ND< 200
1,1-Dichloroethene	ND< 200	Vinyl chloride	ND< 200
Chlorobenzene	ND< 200	1,3-Dichlorobenzene	ND< 200
1,2-Dichlorobenzene	ND< 200	1,4-Dichlorobenzene	ND< 200
cis-1,2-Dichloroethene	486		

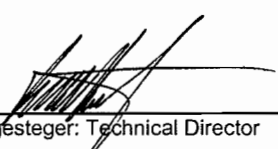
ELAP Number 10958

Method: EPA 8260B

Data File: V67230.D

Comments: ND denotes Non Detect  
ug / L = microgram per Liter

Signature: \_\_\_\_\_

  
 Bruce Hoogesteger: Technical Director



**Volatile Analysis Report for Non-potable Water**

Client: Day Environmental

Client Job Site: Mt Read

Lab Project Number: 09-2466

Lab Sample Number: 7837

Client Job Number: 3681R-05

Field Location: AC Eff T-1 D-1

Date Sampled: 07/10/2009

Field ID Number: N/A

Date Received: 07/10/2009

Sample Type: Water

Date Analyzed: 07/16/2009

Halocarbons	Results in ug / L	Halocarbons	Results in ug / L
Bromodichloromethane	ND< 4.00	trans-1,2-Dichloroethene	4.09
Bromomethane	ND< 4.00	1,2-Dichloropropane	ND< 4.00
Bromoform	ND< 10.0	cis-1,3-Dichloropropene	ND< 4.00
Carbon Tetrachloride	ND< 4.00	trans-1,3-Dichloropropene	ND< 4.00
Chloroethane	ND< 4.00	Methylene chloride	ND< 10.0
Chloromethane	ND< 4.00	1,1,2,2-Tetrachloroethane	ND< 4.00
2-Chloroethyl vinyl Ether	ND< 20.0	Tetrachloroethene	8.03
Chloroform	ND< 4.00	1,1,1-Trichloroethane	ND< 4.00
Dibromochloromethane	ND< 4.00	1,1,2-Trichloroethane	ND< 4.00
1,1-Dichloroethane	ND< 4.00	Trichloroethene	32.9
1,2-Dichloroethane	ND< 4.00	Trichlorofluoromethane	ND< 4.00
1,1-Dichloroethene	4.42	Vinyl chloride	10.4
Chlorobenzene	ND< 4.00	1,3-Dichlorobenzene	ND< 4.00
1,2-Dichlorobenzene	ND< 4.00	1,4-Dichlorobenzene	ND< 4.00
cis-1,2-Dichloroethene	436		

ELAP Number 10958

Method: EPA 8260B

Data File: V67231.D

Comments: ND denotes Non Detect  
ug / L = microgram per Liter  
Internal Standard outliers indicate probable matrix interference

Signature: \_\_\_\_\_

Bruce Hoogesteger: Technical Director

**Volatile Analysis Report for Non-potable Water**Client: **Day Environmental**

Client Job Site: Mt Read

Lab Project Number: 09-2466

Lab Sample Number: 7838

Client Job Number: 3681R-05

Field Location: AC Eff T-2 D-7

Date Sampled: 07/10/2009

Field ID Number: N/A

Date Received: 07/10/2009

Sample Type: Water

Date Analyzed: 07/16/2009

Halocarbons	Results in ug / L	Halocarbons	Results in ug / L
Bromodichloromethane	ND< 20.0	trans-1,2-Dichloroethene	ND< 20.0
Bromomethane	ND< 20.0	1,2-Dichloropropane	ND< 20.0
Bromoform	ND< 50.0	cis-1,3-Dichloropropene	ND< 20.0
Carbon Tetrachloride	ND< 20.0	trans-1,3-Dichloropropene	ND< 20.0
Chloroethane	ND< 20.0	Methylene chloride	ND< 50.0
Chloromethane	ND< 20.0	1,1,2,2-Tetrachloroethane	ND< 20.0
2-Chloroethyl vinyl Ether	ND< 100	Tetrachloroethene	207
Chloroform	ND< 20.0	1,1,1-Trichloroethane	ND< 20.0
Dibromochloromethane	ND< 20.0	1,1,2-Trichloroethane	ND< 20.0
1,1-Dichloroethane	ND< 20.0	Trichloroethene	269
1,2-Dichloroethane	ND< 20.0	Trichlorofluoromethane	ND< 20.0
1,1-Dichloroethene	ND< 20.0	Vinyl chloride	ND< 20.0
Chlorobenzene	ND< 20.0	1,3-Dichlorobenzene	ND< 20.0
1,2-Dichlorobenzene	ND< 20.0	1,4-Dichlorobenzene	ND< 20.0
cis-1,2-Dichloroethene	892		

ELAP Number 10958

Method: EPA 8260B

Data File: V67232.D

Comments: ND denotes Non Detect

ug / L = microgram per Liter

Internal Standard outliers indicate probable matrix interference

Signature: \_\_\_\_\_

Bruce Hoogesteger: Technical Director

**Volatile Analysis Report for Non-potable Water**Client: **Day Environmental**

Client Job Site: Mt Read

Lab Project Number: 09-2466

Lab Sample Number: 7839

Client Job Number: 3681R-05

Field Location: System Eff

Date Sampled: 07/10/2009

Field ID Number: N/A

Date Received: 07/10/2009

Sample Type: Water

Date Analyzed: 07/16/2009

Halocarbons	Results in ug / L	Halocarbons	Results in ug / L
Bromodichloromethane	ND< 2.00	trans-1,2-Dichloroethene	ND< 2.00
Bromomethane	ND< 2.00	1,2-Dichloropropane	ND< 2.00
Bromoform	ND< 5.00	cis-1,3-Dichloropropene	ND< 2.00
Carbon Tetrachloride	ND< 2.00	trans-1,3-Dichloropropene	ND< 2.00
Chloroethane	ND< 2.00	Methylene chloride	ND< 5.00
Chloromethane	ND< 2.00	1,1,2,2-Tetrachloroethane	ND< 2.00
2-Chloroethyl vinyl Ether	ND< 10.0	Tetrachloroethene	ND< 2.00
Chloroform	ND< 2.00	1,1,1-Trichloroethane	ND< 2.00
Dibromochloromethane	ND< 2.00	1,1,2-Trichloroethane	ND< 2.00
1,1-Dichloroethane	ND< 2.00	Trichloroethene	ND< 2.00
1,2-Dichloroethane	ND< 2.00	Trichlorofluoromethane	ND< 2.00
1,1-Dichloroethene	ND< 2.00	Vinyl chloride	34.5
Chlorobenzene	ND< 2.00	1,3-Dichlorobenzene	ND< 2.00
1,2-Dichlorobenzene	ND< 2.00	1,4-Dichlorobenzene	ND< 2.00
cis-1,2-Dichloroethene	193		

ELAP Number 10958

Method: EPA 8260B

Data File: V67233.D

Comments: ND denotes Non Detect

ug / L = microgram per Liter

Surrogate outliers indicate probable matrix interference

Signature: \_\_\_\_\_

Bruce Hoogesteger Technical Director

# PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue  
Rochester, NY 14608  
(585) 647-2530 • (800) 724-1997  
FAX: (585) 647-3311

## CHAIN OF CUSTODY

REPORT TO:		INVOICE TO:		LAB PROJECT #:	CLIENT PROJECT #:
COMPANY:	DAY Environmental Inc	COMPANY:		09-2466	3681R05
ADDRESS:	40 Commercial St	ADDRESS:		TURNAROUND TIME: (WORKING DAYS)	
CITY:	Rochester	STATE:	NY	ZIP:	14614
PHONE:	454 0210	FAX:	454 0925	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input checked="" type="checkbox"/> 5 <input type="checkbox"/> OTHER	
ATTN:	N Simon / B Kline	ATTN:		QUOTE #:	
PROJECT NAME/SITE NAME:	Mt Tread		COMMENTS: Please Email Results		

### REQUESTED ANALYSIS

DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	CONUTAMBIENERS	Soluble Cr	Heavy VOCs	+ 12CS DCE	REMARKS	PARADIGM LAB SAMPLE NUMBER
7/10/09	8:30		X	MM INF	Ag	1	X				7833
	8:35		X	MM EFF T-1 D-6		1	X				7834
	8:40		X	MM EFF T-2 D-1		1	X				7835
	8:50		X	AC INF		2		X			7836
	8:55		X	AC EFF T-1 D-1		2		X			7837
	9:00		X	AC EFF T-2 D-7		2		X			7838
	9:05		X	SYSTEM EFF		2		X			7839

\*\*LAB USE ONLY BELOW THIS LINE\*\*

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance	
Container Type:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments: _____		
Preservation:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments: _____		
Holding Time:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments: _____		
Temperature:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments: 8°C iced - pres begun in field		

<i>Nathan Simon</i>	7/10/09 @ 9:15	Total Cost: <input type="text"/>
Sampled By	Date/Time	
<i>Nathan Simon</i>	7/10/09 @ 10:08	P.I.F. <input type="text"/>
Relinquished By	Date/Time	
<i>E. Honch</i>	7/10/09 @ 10:08	
Received By	Date/Time	
<i>Elizabeth A. Honch</i>	7/10/09 1035	
Received @ Lab By	Date/Time	



## Analytical Report Cover Page

Day Environmental

For Lab Project # 09-2577

Issued July 23, 2009

This report contains a total of 3 pages

The reported results relate only to the samples as they have been received by the laboratory.

Any noncompliant QC parameters having impact on the data are flagged or documented on the final report.

All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

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**"ND" = analyzed for but not detected.**

**"E" = Result has been estimated, calibration limit exceeded.**

**"D" = Duplicate results outside QC limits. May indicate a non-homogenous matrix.**

**"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.**

**"B" = Method blank contained trace levels of analyte. Refer to included method blank report.**

**Client:** Day Environmental, Inc.
**Lab Project No.:** 09-2577

**Client Job Site:** N/A

**Sample Type:** Water  
**Method:** EPA 200.7

**Client Job No.:** 3681R05

**Date(s) Sampled:** 07/17/2009  
**Date Received:** 07/17/2009  
**Date Analyzed:** 07/22/2009

**Laboratory Report for Metals Analysis in Water**

Lab Sample No.	Field ID No.	Field Location	Chromium Results (mg/L)
8224	N/A	MM INF	0.070
8225	N/A	MM EFF T-1 D-15	0.031
8226	N/A	MM EFF T-2 D-1	0.025

ELAP ID No.: 10958

Comments: Samples were filtered prior to digestion per client.

**Approved By:**   
 Bruce Hoogesteger, Technical Director

# PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue  
Rochester, NY 14608  
(585) 647-2530 • (800) 724-1997  
FAX: (585) 647-3311

## CHAIN OF CUSTODY

REPORT TO:		INVOICE TO:		LAB PROJECT #:		CLIENT PROJECT #:	
COMPANY: DAY Environmental Inc		COMPANY:		09-2577		3681R05	
ADDRESS: 40 Commercial St		ADDRESS:		TURNAROUND TIME: (WORKING DAYS)			
CITY: Rochester STATE: NY ZIP: 14614		CITY: SAME STATE: ZIP:					
PHONE: 454 0210 FAX: 454 0825		PHONE: FAX:					
ATTN: N Simon / B Kline		ATTN:		<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input checked="" type="checkbox"/> 5 <input type="checkbox"/> OTHER			
PROJECT NAME/SITE NAME:		COMMENTS: Please Email Results		QUOTE #:			

### REQUESTED ANALYSIS

DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	CONTAMINERS	REMARKS	PARADIGM LAB SAMPLE NUMBER			
7/17/09	8:00		X	MM INF	A <sub>9</sub>	1 X		8	2	2	4
	8:10		X	MM EFF T-1 D-15		1 X		8	2	2	5
	8:20		X	MM EFF T-2 D-1		1 X		8	2	2	6

**\*\*LAB USE ONLY BELOW THIS LINE\*\***

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance	
Container Type:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments:		
Preservation:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments:		
Holding Time:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments:		
Temperature:	Y <input type="checkbox"/>	N <input type="checkbox"/>
Comments:	12°C iced-NIA Y hic for metals only	

Matthew Simon	7/17/09 @ 8:30	
Sampled By	Date/Time	Total Cost:
Matthew Simon	7/17/09 @ 8:33	
Relinquished By	Date/Time	
Elizabeth A Honch	7/17/09 8:33	
Received By	Date/Time	P.I.F.
Elizabeth A Honch	7/17/09 1000	
Received @ Lab By	Date/Time	



## Analytical Report Cover Page

Day Environmental

For Lab Project # 09-2680

Issued July 29, 2009

This report contains a total of 3 pages

The reported results relate only to the samples as they have been received by the laboratory.

Any noncompliant QC parameters having impact on the data are flagged or documented on the final report.

All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

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**"D" = Duplicate results outside QC limits. May indicate a non-homogenous matrix.**

**"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.**

**"B" = Method blank contained trace levels of analyte. Refer to included method blank report.**



Client: Day Environmental, Inc.

Lab Project No.: 09-2680

Client Job Site: Mt. Read

Sample Type: Water  
Method: EPA 200.7

Client Job No.: 3681R-05

Date(s) Sampled: 07/24/2009  
Date Received: 07/24/2009  
Date Analyzed: 07/28/2009

**Laboratory Report for Metals Analysis in Water**

Lab Sample No.	Field ID No.	Field Location	Chromium Results (mg/L)
8560	N/A	MM Inf	<0.010
8561	N/A	MM Eff T-1 D-15	<0.010
8562	N/A	MM Eff T-2 D-1	<0.010

ELAP ID No.: 10958

Comments: Samples were filtered through a 0.45 um filter prior to digestion, as per client.

Approved By: *Bruce Hoogesteger*  
Bruce Hoogesteger, Technical Director

# PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue  
Rochester, NY 14608  
(585) 647-2530 • (800) 724-1997  
FAX: (585) 647-3311

## CHAIN OF CUSTODY

REPORT TO:		INVOICE TO:		LAB PROJECT #:	CLIENT PROJECT #:
COMPANY:	Day Environmental inc.	COMPANY:		09-2680	3681R-05
ADDRESS:	40 Commercial St	ADDRESS:	SAME	TURNAROUND TIME: (WORKING DAYS)	
CITY:	Rochester	CITY:			
STATE:	NY	STATE:			
ZIP:	14614	ZIP:			
PHONE:	454 0210	PHONE:			
FAX:	454 0825	FAX:			
ATTN:	N Simon / B Kline	ATTN:			
COMMENTS:	Please Email Results			<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input checked="" type="checkbox"/> 5 <input type="checkbox"/> OTHER	
PROJECT NAME/SITE NAME:	Mt Read			QUOTE #:	

### REQUESTED ANALYSIS

DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	CONTAMINERS	Subtle CR	REMARKS	PARADIGM LAB SAMPLE NUMBER
7/24/09			X	MM INF	Ag	1	X		8560
			X	MM EFF T-1 D-15		1	X		8561
			X	MM EFF T-2 D-1		1	X		8562
				persample labels					
				ETAH 7/24					
4									
5									
6									
7									
8									
9									
10									

\*\*LAB USE ONLY BELOW THIS LINE\*\*

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance	
Container Type:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments:		
Preservation:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments:		
Holding Time:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments:		
Temperature:	Y <input type="checkbox"/>	N <input type="checkbox"/>
Comments: 10°C used - N/A ble for metals only		

Sampled By: <u>Nathan Simon</u> Date/Time: <u>7/24/09 @ 2:00</u>	Total Cost: <input type="text"/>
Relinquished By: <u>Nathan Simon</u> Date/Time: <u>7/24/09 @ 3:33</u>	
Received By: <u>Elizabeth A. Honch</u> Date/Time: <u>7/24/09 1533</u>	P.I.F. <input type="text"/>
Received @ Lab By: _____ Date/Time: _____	

## Analytical Report Cover Page

Day Environmental

For Lab Project # 09-2721

Issued August 4, 2009

This report contains a total of 3 pages

The reported results relate only to the samples as they have been received by the laboratory.

Any noncompliant QC parameters having impact on the data are flagged or documented on the final report.

All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

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NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified.

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**"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.**

**"B" = Method blank contained trace levels of analyte. Refer to included method blank report.**

**Client:** Day Environmental, Inc

**Lab Project No.:** 09-2721

**Client Job Site:** Mt Read

**Sample Type:** Water  
**Method:** EPA 200.7

**Client Job No.:** 3681R-05

**Date(s) Sampled:** 07/29/2009  
**Date Received:** 07/29/2009  
**Date Analyzed:** 08/03/2009

**Laboratory Report for Metals Analysis in Water**

Lab Sample No.	Field ID No.	Field Location	Chromium Results (mg/L)
8691	N/A	MM INF	0.073
8692	N/A	MM EFF T-1 D-15	0.013
8693	N/A	MM EFF T-2 D-1	0.017

ELAP ID No.: 10958

Comments: Samples were filtered prior to digestion per client.

**Approved By:**   
Bruce Hoogesteger, Technical Director



# CHAIN OF CUSTODY

<b>REPORT TO:</b>			<b>INVOICE TO:</b>		
COMPANY: <b>Day Environmental Inc</b>		COMPANY: <b>Same</b>		LAB PROJECT #:	CLIENT PROJECT #:
ADDRESS: <b>46 Commercial St</b>		ADDRESS:		<b>09-2721</b>	<b>3681R-05</b>
CITY: <b>Rochester</b>	STATE: <b>NY</b>	ZIP: <b>14604</b>	CITY:	TURNAROUND TIME: (WORKING DAYS)	
PHONE: <b>454 0210</b>	FAX: <b>454 0825</b>		PHONE: <b>SAME</b>	FAX:	
PROJECT NAME/SITE NAME: <b>MT Read</b>			ATTN: <b>N Simon / B Kline</b>	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input checked="" type="checkbox"/> 5 <input type="checkbox"/> OTHER	
COMMENTS:			Quotation #		

REQUESTED ANALYSIS									
DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	CONTAINER	Soluble Cr	REMARKS	PARADIGM LAB SAMPLE NUMBER
7/29/09	11:20		X	MM INF	Ag	1	X		8691
	11:25		X	MM EFF T-1 D-15		1	X		8692
	11:30		X	MM EFF T-2 D-1		1	X		8693

**\*\*LAB USE ONLY BELOW THIS LINE\*\***

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance	
Container Type:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments: _____		
Preservation: <b>Preserved after F.H. Hattin</b>	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments: _____		
Holding Time:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments: _____		
Temperature: <b>12°C iced -</b>	Y <input type="checkbox"/>	N <input type="checkbox"/>
Comments: <b>N/A for metals only</b>		

**Nathan Simon** 7/29/09 @ 11:50  
 Sampled By Date/Time  
**Nathan Simon** 7/29/09 @ 12:10  
 Relinquished By Date/Time  
**anyone** 7/29 12:10  
 Received By Date/Time  
**Elizabeth A Honch** 7/29/09 1325  
 Received @ Lab By Date/Time

Total Cost:

P.I.F.



**PARADIGM**  
ENVIRONMENTAL SERVICES, INC.

## Analytical Report Cover Page

### *Day Environmental*

For Lab Project # 09-2853

Issued August 14, 2009

This report contains a total of 4 pages

The reported results relate only to the samples as they have been received by the laboratory.

Any noncompliant QC parameters having impact on the data are flagged or documented on the final report.

All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

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The Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt. Sample condition requirements are defined under the 2003 NELAC Standard, sections 5.5.8.3.1 and 5.5.8.3.2.

NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified.

Data qualifiers are used, when necessary, to provide additional information about the data. This information may be communicated as a flag or as text at the bottom of the report. Please refer to the following list of frequently used data flags and their meaning:

**"ND" = analyzed for but not detected.**

**"E" = Result has been estimated, calibration limit exceeded.**

**"D" = Duplicate results outside QC limits. May indicate a non-homogenous matrix.**

**"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.**

**"B" = Method blank contained trace levels of analyte. Refer to included method blank report.**


<b>Client:</b>	<u>Day Environmental</u>	<b>Lab Project No.:</b>	09-2853
<b>Client Job Site:</b>	95 Mt. Read	<b>Sample Type:</b>	Water
<b>Client Job No.:</b>	N/A	<b>Date Sampled:</b>	8/6/2009
		<b>Date Received:</b>	8/6/2009
<b>Analytical Method:</b>	SM 3500-CR D	<b>Date Analyzed:</b>	8/7/2009

**Laboratory Report for Hexavalent Chromium**

Lab Sample ID.	Sample Location/Field ID	Results (mg/L)
9068	MW-33	ND<0.02
9069	MW-8	0.07
9070	MW-31	0.18
9071	MW-30	ND<0.02
9072	MW-11	ND<0.02
9073	MW-34	ND<0.02
9074	MW-13	ND<0.02

ELAP ID. No.:10709

Comments: ND denotes Non Detect.

Approved By Technical Director:   
Bruce Hoogesteger

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.





Client: Day Environmental

Lab Project No.: 09-2853

Client Job Site: 95 Mt Read

Sample Type: Water  
Method: EPA 200.7

Client Job No.: N/A

Date(s) Sampled: 08/06/2009  
Date Received: 08/06/2009  
Date Analyzed: 08/12/2009


### Laboratory Report for Metals Analysis in Water

Lab Sample No.	Field ID No.	Field Location	Chromium Results (mg/L)
9068	N/A	MW-33	<0.010
9069	N/A	MW-8	10.5
9070	N/A	MW-31	0.960
9071	N/A	MW-30	0.019
9072	N/A	MW-11	<0.010
9073	N/A	MW-34	<0.010
9074	N/A	MW-13	<0.010

ELAP ID No.: 10958

Comments:

Approved By: \_\_\_\_\_

  
Bruce Hoogesteger, Technical Director

# CHAIN OF CUSTODY



REPORT TO:				INVOICE TO:			
COMPANY: <b>DAY ENVIRONMENTAL</b>		COMPANY: <b>Same</b>		LAB PROJECT #: <b>09-2853</b>		CLIENT PROJECT #:	
ADDRESS: <b>40 Commercial St.</b>		ADDRESS:					
CITY: <b>Rochester</b> STATE: <b>NY</b> ZIP:		CITY: STATE: ZIP:		TURNAROUND TIME: (WORKING DAYS)			
PHONE: <b>454-0210</b> FAX:		PHONE: FAX:		<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input checked="" type="checkbox"/> 5 <input type="checkbox"/> OTHER			
PROJECT NAME/SITE NAME: <b>95 Mt. Road</b>				ATTN: <b>B. Kline / N. Simon</b>		Quotation #	
COMMENTS: <b>Please e-mail Results to Bkline@Daymail.net</b>							

## REQUESTED ANALYSIS

DATE	TIME	C O M P O S I T E	G R A B	SAMPLE LOCATION/FIELD ID	M A T R I X	C O N T A I N E R N U M B E R	ANALYSIS		REMARKS	PARADIGM LAB SAMPLE NUMBER				
							Tot. Cr	HEX Cr						
1	8/6/09		X	MW-33	W	2	X	X			9	0	6	8
2			X	MW-8			X	X			9	0	6	9
3			X	MW-31			X	X			9	0	7	0
4			X	MW-30			X	X			9	0	7	1
5			X	MW-11			X	X			9	0	7	2
6			X	MW-34			X	X			9	0	7	3
7			X	MW-13			X	X			9	0	7	4
8														
9														
10														

**\*\*LAB USE ONLY BELOW THIS LINE\*\***

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance	
Container Type:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments:		
Preservation:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments:		
Holding Time:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments:		
Temperature:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments:	21°Ciced-pres. begun in field	

<i>Gl Mills</i>	8/6/09	
Sampled By	Date/Time	Total Cost: <input style="width: 80%;" type="text"/>
<i>Gl Mills</i>	8/6/09 14:34	
Relinquished By	Date/Time	
<i>Emily O'Neil</i>	8/6/09 1434	
Received By	Date/Time	P.I.F. <input style="width: 80%;" type="text"/>
<i>Elizabeth A. Honch</i>	8/6/09 1530	
Received @ Lab By	Date/Time	



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ENVIRONMENTAL SERVICES, INC.

## Analytical Report Cover Page

### *Day Environmental*

For Lab Project # 09-2868

Issued August 13, 2009

This report contains a total of 3 pages

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All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

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Client: Day Environmental Inc

Lab Project No.: 09-2868

Client Job Site: Mt Read

Sample Type: Water  
Method: EPA 200.7

Client Job No.: 3681R-05


Date(s) Sampled: 08/07/2009  
Date Received: 08/07/2009  
Date Analyzed: 08/12/2009

Laboratory Report for Metals Analysis in Water

Lab Sample No.	Field ID No.	Field Location	Chromium Results (mg/L)
9108	N/A	MM INF	0.024
9109	N/A	MM EFF T-1 D-15	0.012
9110	N/A	MM EFF T-2 D-1	<0.010

ELAP ID No.: 10958

Comments: Samples were filtered prior to digestion per client. The laboratory control spike was outside QC limits.

Approved By:   
Bruce Hoogesteger, Technical Director

# PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue  
Rochester, NY 14608  
(585) 647-2530 • (800) 724-1997  
FAX: (585) 647-3311

## CHAIN OF CUSTODY

REPORT TO:		INVOICE TO:		LAB PROJECT #:	CLIENT PROJECT #:
COMPANY: DAY Environmental Inc	COMPANY:	ADDRESS: 40 Commercial St	ADDRESS:	09-2868	3681R-05
CITY: Rochester STATE: NY ZIP: 14614	CITY: STATE: ZIP:	PHONE: 454 0210 FAX: 454 0925	PHONE: SAME FAX:	TURNAROUND TIME: (WORKING DAYS)	
ATTN: N Simon / B Kline	ATTN:	COMMENTS:	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input checked="" type="checkbox"/> 5 <input type="checkbox"/> OTHER		
PROJECT NAME/SITE NAME: Mt Read			QUOTE #:		

### REQUESTED ANALYSIS

DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	CONUTAMINERS	REMARKS	PARADIGM LAB SAMPLE NUMBER
18/7/09	7:40		✓	MM INF	Ag	1 X		9108
2	7:45		✓	MM EFF T-1 D-15		1 X		9109
3	7:55		✓	MM EFF T-2 D-1		1 X	→ this bottle is labeled MM EFF T-1 D-1. Left message for Nate Simon 8/7.	9110
4								
5								
6							EAH 8/7 Per N. Simon 8/7, Label should say T-2 D-1. Time on label and COC match. EAH 8/7	
7								
8								
9								
10								

**\*\*LAB USE ONLY BELOW THIS LINE\*\***

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance
Container Type:	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
Comments:	
Preservation:	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
Comments:	# ee EAH 8/7
Holding Time:	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
Comments:	
Temperature:	Y <input type="checkbox"/> N <input type="checkbox"/>
Comments:	12°C iced - N/A 6/1 for metals only

Sampled By: <u>Nathan Simon</u>	Date/Time: <u>8/7/09 @ 8:00</u>	Total Cost:	<input type="text"/>
Relinquished By: <u>Nathan Simon</u>	Date/Time: <u>8/7/09 @ 8:31</u>		
Received By: <u>Elizabeth A. Honck</u>	Date/Time: <u>8/7/09 8:31 AM</u>	P.I.F.:	<input type="text"/>
Received @ Lab By:	Date/Time:		



**PARADIGM**  
ENVIRONMENTAL SERVICES, INC.

## Analytical Report Cover Page

### *Day Environmental*

For Lab Project # 09-2919

Issued August 19, 2009

This report contains a total of 5 pages

The reported results relate only to the samples as they have been received by the laboratory.

Any noncompliant QC parameters having impact on the data are flagged or documented on the final report.

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**"D" = Duplicate results outside QC limits. May indicate a non-homogenous matrix.**

**"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.**

**"B" = Method blank contained trace levels of analyte. Refer to included method blank report.**

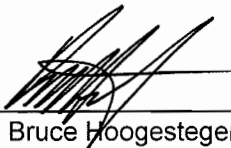
<b>Client:</b>	<b><u>Day Environmental</u></b>	<b>Lab Project No.:</b>	09-2919
<b>Client Job Site:</b>	95 Mt. Read	<b>Sample Type:</b>	Water
<b>Client Job No.:</b>	N/A	<b>Date Sampled:</b>	8/11/2009
		<b>Date Received:</b>	8/11/2009
<b>Analytical Method:</b>	SM 3500-CR D	<b>Date Analyzed:</b>	8/12/2009

**Laboratory Report for Hexavalent Chromium**

Lab Sample ID.	Sample Location/Field ID	Results (mg/L)
9257	MW-4	ND<0.02
9258	MW-21	ND<0.02
9259	EW-4	ND<0.02
9260	MW-1	ND<0.02
9261	EW-5	0.46
9262	MW-18	ND<0.02
9263	MW-15	ND<0.02
9264	MW-14	ND<0.02
9265	EW-3	ND<0.02
9266	EW-2	0.27
9267	EW-1	ND<0.02

ELAP ID. No.:10709

Comments: ND denotes Non Detect.

Approved By Technical Director:   
Bruce Hoogesteger

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

**Client:** Day Environmental
**Lab Project No.:** 09-2919

**Client Job Site:** 95 Mt Read

**Sample Type:** Water  
**Method:** EPA 200.7

**Client Job No.:** N/A


**Date(s) Sampled:** 08/11/2009  
**Date Received:** 08/11/2009  
**Date Analyzed:** 08/17/2009

**Laboratory Report for Metals Analysis in Water**

Lab Sample No.	Field ID No.	Field Location	Chromium Results (mg/L)
9257	N/A	MW-4	<0.010
9258	N/A	MW-21	<0.010
9259	N/A	EW-4	<0.010
9260	N/A	MW-1	<0.010
9261	N/A	EW-5	0.615
9262	N/A	MW-18	0.190
9263	N/A	MW-15	0.021
9264	N/A	MW-14	0.021
9265	N/A	EW-3	<0.010
9266	N/A	EW-2	0.394
9267	N/A	EW-1	<0.010

ELAP ID No.: 10958

Comments:

**Approved By:**
  
 Bruce Hoogesteger, Technical Director





# CHAIN OF CUSTODY

<b>REPORT TO:</b>				<b>INVOICE TO:</b>			
COMPANY: DAY ENVIRONMENTAL		COMPANY: Same		LAB PROJECT #: 09-2919		CLIENT PROJECT #:	
ADDRESS: 40 Commercial St		ADDRESS:		TURNAROUND TIME: (WORKING DAYS)			
CITY: Rochester STATE: NY ZIP:		CITY: STATE: ZIP:		1		2	
PHONE: 454-0210 FAX:		PHONE: FAX:		3		4	
ATTN: B. Kline / N. SIMON		ATTN:		5		OTHER	
PROJECT NAME/SITE NAME: 95 MT. READ				Quotation #			
COMMENTS: Please e-mail Results to BKline@DAYMAIL.NET							

REQUESTED ANALYSIS										
DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCAT'ON/FIELD ID	MATRIX	CONTAINER	Tot. Cr	Hx Cr.	REMARKS	PARADIGM LAB SAMPLE NUMBER
1	8/11/09		X	MW-4	Ag	2	X	X		9257
2	9:45			MW-21			X	X		9258
3	9:30			EW-4			X	X		9259
4	10:00			MW-1			X	X		9260
5	10:15			EW-5			X	X		9261
6	10:30			MW-18			X	X		9262
7	10:45			MW-15			X	X		9263
8	11:00			MW-14			X	X		9264
9	11:15			EW-3			X	X		9265
10	11:30			EW-2			X	X		9266

\*\*LAB USE ONLY BELOW THIS LINE\*\*

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance	
Container Type:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments:		
Preservation:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments:		
Holding Time:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments:		
Temperature:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments:	15°Ciced-pres. begun in field	

G. Miller 8/11/09  
 Sampled By Date/Time  
 G. Miller 8/11/09 13:54  
 Relinquished By Date/Time  
 [Signature] 8/11/09 1354  
 Received By Date/Time  
 Elizabeth A. Honch 8/11/09 1415  
 Received @ Lab By Date/Time

Total Cost:

P.I.F.



# CHAIN OF CUSTODY

<b>REPORT TO:</b>				<b>INVOICE TO:</b>			
COMPANY: DAY ENVIRONMENTAL		COMPANY: Same		LAB PROJECT #: 09-2919		CLIENT PROJECT #:	
ADDRESS: 40 Commercial St		ADDRESS:		TURNAROUND TIME: (WORKING DAYS)		STD OTHER	
CITY: Rochester STATE: NY ZIP:		CITY: STATE: ZIP:		1		2	
PHONE: 454-0210 FAX:		PHONE: FAX:		3		4	
ATTN: B. Kline / N. SIMON		ATTN:		5		OTHER	
PROJECT NAME/SITE NAME: 95 Mt. Read				COMMENTS: Please email results to Bkline@daymi.net			
				Quotation #			

## REQUESTED ANALYSIS

DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	CONTAINER	Tot. Cr	Hex Cr	REMARKS	PARADIGM LAB SAMPLE NUMBER
8/11/09	11:45		X	EW-1	Aq	2	X	X		9267

**\*\*LAB USE ONLY BELOW THIS LINE\*\***

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance	
Container Type:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments:		
Preservation:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments:		
Holding Time:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments:		
Temperature:	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments: 15°Ciced - pres. begun in field		

Sampled By: <i>[Signature]</i>	Date/Time: 8/11/09	Total Cost: <input type="text"/>
Relinquished By: <i>[Signature]</i>	Date/Time: 8/11/09 13:54	
Received By: <i>[Signature]</i>	Date/Time: 8/11/09 13:54	P.I.F. <input type="text"/>
Received @ Lab By: Elizabeth A. Honch	Date/Time: 8/11/09 14:15	