REMEDIAL INVESTIGATION REPORT
GM COMPONENTS HOLDINGS, LLC
200 UPPER MOUNTAIN ROAD - BUILDING 7
LOCKPORT, NEW YORK
BCP SITE #C932138

by

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for

New York State Department of Environmental Conservation
Buffalo, New York

File No. 36795-011
14 November 2011

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14 November 2011
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Attention: Mr. Glenn May

Subject: Remedial Investigation Report
GM Components Holdings, LLC
200 Upper Mountain Road - Building 7
Lockport, New York
BCP Site #C932138

Dear Mr. May:

On behalf of GM Components Holdings, LLC (GMCH), Haley & Aldrich of New York (Haley & Aldrich) is submitting herewith the Remedial Investigation Report (RI Report) for the above referenced BCP Site. This document is submitted in accordance with the Brownfield Cleanup Agreement (BCA) for the Property, BCA Index #C932138-03-10/Site #C932138, between the New York State Department of Environmental Conservation (NYSDEC) and GMCH.

The RI Report has been developed in accordance with the NYSDEC (6 NYCRR) Part 375 Brownfield Cleanup Regulations dated December 2006, the "Technical Guidance for Site Investigation and Remediation" (DER-10 dated May 2010) and other relevant NYSDEC technical and administrative guidance. The RI Report presents available information on the current and former land-use, geographic setting, environmental history, and geology and hydrology of the Site. This RI Report also presents a summary of previous intrusive and non-intrusive Site assessment activities and a detailed summary of recent remedial investigation (RI) activities conducted at the property. Recommendations for a remedial action program are warranted based on the results of the RI activities and are provided at the conclusion of this Report.

This report was prepared in conjunction with GZA GeoEnvironmental of New York (GZA). GZA conducted the field investigation activities in accordance with the approved Remedial Investigation Work Plan (GZA, 2010) and prepared sections 1 through 4 summarizing those activities, and Haley & Aldrich prepared sections 5 and 6.

If you have any questions or comments regarding this document, please do not hesitate to contact us.

Sincerely yours,
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1. INTRODUCTION

This report presents the results of the Remedial Investigation (RI) performed at Building 7, GM Components Holdings (GMCH) Lockport Facility, located at 200 Upper Mountain Road, Lockport, New York. A Site Locus Plan is included as Figure 1 and a Site Plan is included as Figure 2. The investigation was conducted in accordance with the approved RI Work Plan (GZA, 2010) under the New York State Department of Environmental Conservation (NYSDEC), Brownfield Cleanup Program (BCP). The GMCH BCP Agreement for the Building 7 Site (NYSDEC Site C932138) was executed on May 20, 2010.

Three (3) separate BCP Sites are associated with the GMCH Lockport Facility, as follows.

- GM Components Holdings, LLC Building 7, site ID #C932138 (Building 7)
- GM Components Holdings, LLC Building 8, site ID #C932139 (Building 8)
- GM Components Holdings, LLC Building 10, site ID #C932140 (Building 10)

This RI has been developed for the investigation activities associated with Building 7. Interpretations presented within this report are based primarily on the investigations described herein. Pertinent data from the previous investigations[1] (to be referred to as the "Previous Phase II Investigation") generated prior to entering into the BCP have been included within this report.

1.1 Purpose

The objectives of the RI is to determine the nature and extent of soil, groundwater, soil vapor and indoor air contamination and the degree to which the identified site conditions pose a threat to human health and the environment. We note that the investigations for the three BCP Sites at the Lockport facility were conducted concurrently.

In addition to the investigation activities to be conducted as part of the Building 7 BCP Site, 28 additional monitoring wells were sampled as part of other on-going monitoring events or the other BCP investigations. This groundwater data were used to assess facility-wide conditions.

The specific objectives of the RI are as follows:

- Further assess Site geology;
- Further assess hydrogeology;
- Evaluate extent of contamination;
- Evaluate contaminant transport mechanisms;
- Assess the potential source(s) of contamination and assess impact to soil, groundwater, and indoor air; and
- Identify potential pathways for human exposure as part of a qualitative risk assessment.

1 "Field Investigation Report, West Lockport Complex, Lockport, NY" dated January 17, 2007. Prepared for Delphi Corporation by Environmental Resource Management.

1.2 Site and Surrounding Area Description

The GMCH facility is located at 200 Upper Mountain Road in the City and Town of Lockport, Niagara County, New York. The portion of the facility which includes Building 7 is located within the City of Lockport. The GMCH facility is approximately 342 acres in size and is located in an area of mixed residential, agricultural, commercial, and industrial settings along Upper Mountain Road. Building 7 constitutes approximately 31 of the 342 acres and is located in the southern central portion of the GMCH facility (see Figure 2). Across Upper Mountain Road, the Niagara Escarpment is located approximately one-half mile to the northeast. A stone quarry and former steel facility are located approximately 1 mile south of the GMCH facility. Residential properties are generally present along the east and north sides of Upper Mountain Road and to the west.

Within the GMCH facility, Building 7 and Building 8 are dedicated to manufacturing and engineering. Building 9 is no longer used for manufacturing as the equipment has been removed and the building is currently used by maintenance for storage purposes. Building 10 has been converted to house new manufacturing operations staffed by non-GMCH personnel in the northern portion with the southern portion used by GMCH as a warehouse (see Figure 2).

The City and Town of Lockport is bordered by the Town of Newfane to the north, the Town of Hartland to the northeast, the Town of Royalton to the east, the Town of Pendleton to the south, and the Town of Cambria to the west. Figure 1 shows the approximate location of GMCH and the surrounding areas.

1.3 Site History

GMCH currently owns and operates the automotive component manufacturing facility along Upper Mountain Road in the City and Town of Lockport, New York. The facility was initially developed in 1937 on vacant agricultural land and orchards. The Site was developed as part of an expansion of the manufacturing operation, formerly located in downtown Lockport. Manufacturing operations began at the facility along Upper Mountain Road in 1939.

Building 7 was constructed in phases between 1937 and 1951 and has been utilized for manufacturing since its construction in 1937. It is the main manufacturing building at the GMCH facility.

General Motors Corporation (GMC) owned and operated the facility until it was conveyed to Delphi Automotive Systems, LLC (Delphi) in December 1998. In June 2009, GMC filed for Chapter 11 bankruptcy protection and it is now known as Motors Liquidation Company (MLC). A new company was created to purchase certain assets of MLC and the current name of that entity is General Motors LLC (GM). A GM subsidiary, known as GMCH, took title from Delphi of a portion of the facility including Building 7 in October 2009.

1.4 Previous Investigations

In 2006, a voluntary facility-wide investigation of soil and groundwater conditions at the facility was conducted. The first phase of that work was the development of a Current Conditions Summary (CCS) which was completed by Environmental Resource Management (ERM).

After completion of the CCS, a field investigation was completed by ERM to assess soil and groundwater conditions at the 50 areas of interest (AOI), identified by the CCS (Previous Phase II

Investigations). A total of 144 soil borings were completed and nine (9) sediment and four (4) surface soil samples were collected. Six (6) monitoring wells were installed, but only five (5) produced sufficient groundwater for sampling and analysis. Over 400 soil and groundwater samples were collected from the 144 soil borings and analyzed for an extensive list of parameters, which included volatile organic compounds (VOC), semi-volatile organic compounds (SVOC), metals and polychlorinated biphenyls (PCB). The field investigation activities and results were described in the Field Investigation Report (FIR) that was submitted to the NYSDEC Region 9 office in January 2007, followed by the CCS submission in May 2007.

Ten (10) AOIs located within the Building 7 BCP Site footprint were investigated as part of the Previous Phase II Investigation. Approximately 58 soil probes were completed to assess the 10 AOIs discussed above. At each AOI, samples were analyzed for VOCs, SVOCs, PCBs, and metals. These AOIs are as follows.

- AOI-8 was a former tetrachloroethene (PCE) tank farm area located outside of Building 7 in the southwestern alleyway between Building 7 and Building 10.
- AOI-9 was a former metal plating (hexavalent chromium (Cr^{6+})) operation in the central portion of Building 7.
- AOI-10 was a historic coal pile area located outside of Building 7 in the northeastern corner of the Building 7 BCP Site.
- AOI-12 was the eleven (11) former degreasing operation locations throughout Building 7.
- AOI-13 was a former underground storage tank (UST) located outside of Building 7 in the northeastern corner.
- AOI-14 is a waste oil storage area located outside of Building 7 in the northeastern corner.
- AOI-15 was a liquid flux storage room in the southern portion of Building 7.
- AOI-16 was an oil sewer location where PCBs were historically identified in this area, located in the northeastern corner of Building 7.
- AOI-17 was a historic train well and truck dock in the northwestern corner of Building 7.
- AOI-38 was the locations of former gasoline and kerosene USTs located near Garage Building 15 in the northeastern corner of the Building 7 BCP Site footprint.

The field investigations identified elevated levels of chlorinated solvents in soils beneath several former degreaser areas (AOI-12), as well as chlorinated solvents and SVOCs in groundwater immediately upgradient (west) of the building. The chlorinated solvents detected were below the NYSDEC BCP Part 375 Industrial Soil Cleanup Objectives (ISCO), with the exception of PCE, that was detected in three (3) soil samples (7-G-3-B, 6 to 8 ft bgs; 7-G-8-B, 8 to 10 ft bgs; and 7-G-8-C, 8 to 10.5 ft bgs) at concentrations above the PCE Part 375 industrial SCO of 300 ppm.

Additionally, SVOC were detected in soil samples from AOI-10 (7-C-2, 0 – 2 ft & 7-C-3, 2-4 ft), AOI-14 (7-M-2, 0 – 2 ft) and AOI-16 (7-R-1, 6 – 8 ft & 7-R-3, 6 – 7.5 ft). SVOC detected in samples from AOI-

14 and AOI-16 exceeded their respective ISCO, and SVOC detected in the samples from AOI-10 exceeded their respective Part 375 Commercial Soil Cleanup Objectives (CSCO).

Copper (Cu) was detected in a soil sample from AOI-16 (7-R-3, 6 – 7.5 ft) and PCBs were detected in a soil sample from AOI-14 (7-M-3, 6 – 7.8 ft) and AOI-12 (7-G-4-C, 8 – 10.7 ft) above their respective CSCOs. No other metals or PCB were detected at concentrations exceeding their respective CSCO. Data tables and figures from the Previous Phase II Investigation related to the Building 7 BCP Site are included in Appendix A.

No additional investigation activities have been completed in association with Building 7 in the time frame from the Previous Phase II Investigation to the current Building 7 BCP RI. Seven (7) soil probes were completed along the northeastern exterior portion of the building as part of the Building 7 BCP Site RI (see Figure 3). These soil probes were completed to assess the SVOCs, PCBs and metals identified during the Previous Phase II Investigation associated with AOIs-10, -14 and -16.

A New York State Inactive Hazardous Waste Disposal Site, known as the Delphi Harrison Thermal Systems Site (Delphi Harrison Site, Site # 932113), is located in the eastern portion of the GMCH facility, east of the Building 8 BCP Site (the limits of the disposal site are shown on Figure 10). Delphi Harrison Thermal Systems, a division of Delphi Automotive Systems LLC, (Delphi) entered into an Order on Consent with the NYSDEC to investigate the approximate 22.7 acre Delphi Harrison Site. This Order on Consent required Delphi to investigate the nature and extent of residual contamination associated with the former aboveground TCE storage tank that was located at the southeast corner of Building 8. The tank was decommissioned in 1994.

In October 1994, an underground water line ruptured in the vicinity off of the former TCE storage tank and workers noted a solvent odor during the excavations to repair the ruptured line. NYSDEC was notified of the release at that time and assigned the incident Spill Number 9410972.

As part of the spill response, soils impacted with TCE were excavated from a 27 by 22 foot area down to the top of bedrock, about 7.5 feet. All of the soil could not be removed due to the irregular nature of the bedrock surface. The excavated soil was properly disposed off-site and the excavation was backfilled with clean material. In 1999, NYSDEC listed the Site as a Class 3 site in the Inactive Hazardous Waste Disposal Site Registry in New York State. A Class 3 site is defined as a site where hazardous waste does not present a significant threat to the public health or the environment and action may be deferred.

NYSDEC and Delphi entered into a Consent Order (# B9-0553-99-06) on July 31, 2001 that obligated Delphi to implement a Remedial Investigation and Feasibility Study (RI/FS) at the Delphi Harrison Site. The RI was completed in April 2002 and the FS was completed in December 2003.

After completion of the remedial investigation program, NYSDEC issued a Record of Decision (ROD) (March 2005) for the Site in which it selected a remedy with the following components:

- monitored natural attenuation (MNA) with groundwater monitoring to ensure the continued effectiveness of the remedy;
- development of a contingency plan for groundwater control/treatment if natural attenuation processes can no longer be demonstrated or if significant off-site groundwater contamination is observed;

- development of a Site Management Plan (SMP) to: (a) address residual contaminated soils that may be excavated from the site during future redevelopment, (b) evaluate the potential for soil vapor intrusion for all current site buildings and any developed on the site in the future, including provision for mitigation of any impacts identified; (c) provide for the operation and maintenance of the components of the remedy; (d) monitor site groundwater; and (e) identify any use restrictions on site development or groundwater use;
- imposition of an environmental easement to restrict groundwater use and ensure compliance with the approved site management plan; and
- certification of the institutional and engineering controls.

In 2009, GMCH purchased from Delphi a portion of the Delphi manufacturing complex that included the Delphi Harrison Site. GMCH is currently negotiating a new Order on Consent with NYSDEC to formally implement the ROD-selected remedial program for the Delphi Harrison Site. A Site Management Plan (SMP) was prepared to address the components of the ROD-selected remedy and submitted to NYSDEC. The SMP will not be formally approved by NYSDEC until the new Order on Consent is established. GMCH has been conducting annual MNA groundwater sampling of the Delphi Harrison Site and submitting the results to NYSDEC.

1.5 Report Organization

The text of this report is divided into six (6) sections. Immediately following the text are the tables, figures and appendices. A brief summary of each section is provided below.

Section 1 Introduction: This section presents the purpose of the RI report, the Site background including Site description, Site history and previous relevant studies, and report organization are discussed.

Section 2 Remedial Investigation: This section summarizes the fieldwork completed with respect to Building 7 including test borings, monitoring well installation, soil probes, indoor air assessment, sample collection, and field information.

Section 3 Physical Characteristics of the Study Area: This section presents and interprets the various data collected and evaluates Site conditions (e.g., hydrogeology, geology, hydrology, etc.).

Section 4 Remedial Investigation Results: The types and concentrations of detected chemical compounds in the different environmental media are discussed. The section is divided into the various types of samples collected which include: subsurface soil, groundwater and vapor intrusion samples (indoor and outdoor).

Section 5 Conceptual Site Model: An evaluation of potential migration pathways and contaminant persistence is presented. This section presents the results of a general qualitative exposure assessment for the Site. The assessment includes an estimation of exposure point concentrations and a comparison of this data with published New York State standards, criteria and guidance values (SCGs).

Section 6 Conclusions & Recommendations: This section summarizes the results and findings of the RI.

2. REMEDIAL INVESTIGATION ACTIVITIES

RI field explorations were performed in general accordance with the NYSDEC-approved Work Plans to obtain and evaluate site-specific data, nature and extent of contamination and the degree to which releases and contamination pose a threat to human health and the environment.

The following tasks, as described in this RI report, were completed.

- Test borings and bedrock monitoring well installations;
- Soil probes completion; and
- Soil, groundwater and vapor intrusion sampling.

The RI and report were completed in general accordance with the following.

- The scope of work described in the "Revised Remedial Investigation Work Plan, GM Components Holdings, LLC, 200 Upper Mountain Road, Lockport, New York, Building 7 Site #932138" dated October 2010;

- "GM Components Holdings, LLC, Brownfield Cleanup Program, Quality Assurance and Quality Control Plan, Building 7 (Site ID #C932138), Building 8 (Site ID #932139) and Building 10 (Site ID #C932140), Lockport Facility, 200 Upper Mountain Road, Lockport, New York" dated June 2010;

- "Site Health and Safety Plan, GM Components Holdings, LLC, Brownfield Cleanup Program, Building 7 (Site ID #C932138), Building 8 (Site ID #932139) and Building 10 (Site ID #C932140), Lockport Facility, 200 Upper Mountain Road, Lockport, New York" dated April 20, 2010;

- "Brownfield Cleanup Program, Citizen Participation Plans, GM Components Holdings, LLC, Building 7 Site ID #C932138, Building 8 Site ID #932139 and Building 10 Site ID #C932140, 200 Upper Mountain Road, City of Lockport, New York" dated June 2010 and;

- NYSDEC Division of Environmental Remediation DER-10, "Technical Guidance for Site Investigation and Remediation", dated May 2010.

A description of the field explorations conducted during this RI is presented in the following subsections.

2.1 Test Boring and Monitoring Well Installation

Earth Dimensions Inc. (EDI) completed four (4) test borings and installed four (4) permanent monitoring wells from December 2010 to January 2011. Two (2) wells were installed at upgradient locations (MW-7-7 and MW-7-8) and two (2) at downgradient locations relative to Building 7 (MW-7-5 and MW-7-6) (see Figure 3). Additionally, monitoring well MW-7-1 (installed in October 2007) was abandoned by over-drilling the well using hollow stem augers (HSAs), the polyvinyl chloride (PVC) well riser and screen were removed from the boring and the resultant hole was filled with a mix of Portland cement and bentonite to ground surface. A new well, MW-7-1R, was installed about 80 feet southeast of the former location (see Figure 3) to provide groundwater quality data for this area of the Site.

Boreholes were advanced through the overburden to the top of bedrock using a truck-mounted rotary drill rig and 6-5/8 inch inside diameter (I.D.) HSA. Overburden soil samples were collected continuously ahead of the HSA by driving a 1-3/8 inch I.D. by 24-inch long split spoon sampler with an automated 140-pound hammer falling approximately 30 inches, in general accordance with ASTM D1586 (Standard Penetration Test). Test borings were advanced with the HSA until auger refusal (suspected top of bedrock). Auger cuttings from each borehole were containerized for subsequent disposal by GMCH (see Appendix B).

Soil samples collected from the test borings were classified in the field by visual examination in accordance with the modified Burmister Classification System. Boring logs that identify appropriate stratification lines, blow counts (if applicable), sample identification, sample depth interval and recovery, and date are included in Appendix C.

One analytical soil sample was collected from each of the four (4) test borings. Soil samples were analyzed for VOCs. A summary of the samples collected and the analysis performed is shown on Table I. Analytical test results from the test boring soil samples are summarized on Table II and the results are further discussed in Section 4.6.

Upon reaching the top of bedrock, as indicated by auger refusal, a 5-7/8 inch diameter tri-cone roller bit was used to form an approximate 2 foot deep socket hole in the top of bedrock. A 4-inch steel casing was then placed in the socket hole and grouted in place. The grout (consisting of Portland cement and bentonite mixture) was allowed to set for at least 24 hours prior to initiating rock coring. A 3-7/8 inch diameter rock core barrel was then used to core into bedrock. Bedrock cores recovered ranged from 8.8 feet to 14.3 feet in length. Following the completion of rock coring, the recovered water used during coring operations was containerized for subsequent disposal by GMCH (see Appendix B).

The rock core samples were logged including run number, sample interval, length of sample recovered, rock quality designation (RQD), depth where drill water was lost, and a description of the rock sampled and individual discontinuities (bedding planes, joints, voids, etc.) is included on the boring logs provided in Appendix C.

The bedrock monitoring wells were constructed of 2-inch I.D. flush-coupled Schedule 40 PVC riser and screen. Following placement of the screen and riser within the 4-inch diameter steel casing, the annular space around the screen, which was approximately 7 to 10 feet in length, was backfilled with #N00 sand to approximately 2 feet above the top of the screen. An approximate 3-foot thick layer of bentonite chips was placed above the sand filter and hydrated to fill the annulus between the PVC well riser and steel casing above the top of the sand pack. A mixture of cement/bentonite grout was used to fill the remaining annulus space of the steel casing from the top of the bentonite seal to approximately 1 foot below ground surface (bgs). Outside of the steel casings, the boreholes were filled with cement and a protective steel road box was placed at ground surface.

Following installation, the wells were developed utilizing a centrifugal pump on the drill rig to evacuate the wells and remove cuttings and check that the wells were functioning properly. The monitoring wells were pumped to “dry-like” conditions, allowed to recharge for approximately 1 hour and then pumped to “dry-like” conditions again.

Well Location	Volume Removed	One Well Volume	Number of Well Volumes Removed
MW-7-1R	8 gallons	3.4 gallons	2.4
MW-7-5	10.5 gallons	2.2 gallons	4.8
MW-7-6	9 gallons	2.3 gallons	3.9
MW-7-7	17 gallons	3.4 gallons	5
MW-7-8	5 gallons	3.1 gallons	1.6

One groundwater sample was collected from each of the four bedrock wells for VOC analysis only. A summary of the samples collected and the analysis performed is shown on Table I. Analytical test results from the groundwater samples collected from the bedrock monitoring wells are summarized on Table III and Table IV and discussed in Section 4.7.

2.2 Soil Probe Exploration

Matrix Environmental Technologies, Inc. (Matrix) completed twelve (12) soil probes as part of the Building 7 RI in December 2010 (see Figure 3). These soil probes are designated as 7-SB-1 through 7-SB-12. The soil probe logs are provided in Appendix C.

Five (5) soil probes, 7-SB-1 through 7-SB-5, were completed in the eastern interior portion of Building 7 (see Figure 3). These soil probes were completed for general site coverage as the Previous Phase II Investigation did not assess the area located between the Acid Flux Room (AOI-15) and Historical PCB Area (AOI-16) (see Previous Phase II Investigation figure in Appendix A).

Seven (7) soil probes, 7-SB-6 through 7-SB-12, were completed on the northeastern exterior portion of Building 7 (see Figure 3). These soil probes were positioned to help assess the SVOCs, PCBs and metals identified during the Previous Phase II Investigation associated with AOI-10, -14 and -16 as discussed above.

Soil probes were advanced using direct push methodology via hydraulic hammer on a track mounted probe rig. Soil samples were collected with a macrocore sampler which contained a 2-inch outer diameter by 48-inch long acetate liner. A new acetate liner was used for each 4-foot sample run. Probes were pushed through fill material and native overburden soils to the top of bedrock and/or refusal, which ranged from approximately 2.5 feet (7-SB-1) to 13.5 feet bgs (7-SB-4).

One analytical soil sample was collected from each of the twelve (12) completed soil probes. Soil sample analysis included VOCs, SVOCs, PCBs and metals. A summary of the samples collected and the analysis performed is shown on Table I. Analytical test results from the soil probe soil samples are summarized on Table II and the results are further discussed in Section 4.6.

2.3 Field Screening

The soil samples retrieved from the test borings and soil probes were field screened for total volatile organics using an organic vapor meter (OVM) equipped with a photo-ionization detector (PID) equipped with a 10.6 eV bulb. The OVM was calibrated daily in accordance with manufacturer's requirements, using a certified gas standard (Isobutylene). The split-spoon sampler and/or Geoprobe acetate liner were/was opened and the soil samples retrieved were screened immediately with the OVM by running the OVM over the top of the retrieved samples and splitting the samples cores open every 4

to 6 inches. The peak response per 2-foot screening interval was recorded on the boring and soil probe logs presented in Appendix C.

2.4 Soil Vapor Intrusion (SVI) Sampling

Soil vapor intrusion (SVI) sampling was completed within Building 7 on January 18, 2011 to assess if SVI is occurring within Buildings 7 and 7A. Eleven (11) indoor air, eleven (11) sub-slab samples and one (1) outdoor background sample (excluding Quality Control (QC) samples) were collected on January 18, 2011 (see Figure 3). The indoor air samples are designated with an "IA" (e.g., 7-VI-1I A), the sub-slab samples are designated with a "SS" (e.g., 7-VI-1SS) and the outdoor air samples was designated as 7-VI-OUT. Samples 7-VI-1IA, 7-VI-1SS, 7-VI-2IA and 7-VI-2SS were collected from inside Building 7A, which is used as an engineering office and not for manufacturing. During the SVI sampling event on January 18, 2011, sub slab sample 7-VI-6SS, expended its vacuum after about 1 hour. The IA sample at this location was allowed to run as it was the location of a duplicate sample. Another SS and corresponding IA sample were collected from this location on January 20, 2011.

GMCH maintains a database of approved chemicals and chemical products stored and used within Building 7. One product containing TCE, (Pangofol Black®, all-purpose liquid cement) was identified in the database, however it is unknown as to whether or not it was still actively used inside Building 7. A copy of the database was provided for review prior to completing the air sampling and is included in Appendix D.

During each SVI sampling event, observations of the chemicals and products present within approximately 25 to 30 feet of the sampling areas were noted. An OVM with a photo-ionization detector (PID), which could measure total organic vapors in the part per billion (ppb) range was used to screen some of the individual containers observed and determine background levels within the sampling areas. The following table contains a list of the products observed in the vicinity of the SVI sampling locations and the corresponding OVM readings.

Sampling Location	Product Present	Field Screening Result	Background Field Screening Result
7-VI-1	No products present	Not applicable (NA)	5 ppb
7-VI-2	No products present	NA	0 ppb
7-VI-3	Disinfectant Cleaner (1 gal)	1,440 ppb	1,140 ppb
7-VI-4	No products present	NA	1,784 ppb
7-VI-5	DL-497 Oil (12 oz)	5,589 ppb	3,500 ppb
7-VI-6	Oil Frig #150 (1 gal) Green Earth (16 oz)	Not measured 800 ppb	845 ppb
7-VI-7	Machine Lubricants	830 ppb	830 ppb
7-VI-8	Green Earth (16 oz)	4,575 ppb	2,484 ppb
7-VI-9	Used Insoluble Oil (Four, 55 gal drums)	8,000 ppb	4,000 ppb
7-VI-10	Green Earth (16 oz) Oily Material (One, 55 gal drum)	Not Measured 5,600 ppb	8,400 ppb
7-VI-11	Toolmakers Ink (12 oz)	500 ppb	460 ppb

Nine (9) IA samples were collected from within Building 7 and two (2) from within Building 7A (see Figure 3). These IA samples were collected from the breathing zone, approximately 4 feet above the

floor slab and designated as 7-VI-1IA through 7-VI-11IA. Polyethylene tubing was connected to the regulator using band clamps and extended into the air with wood lath to achieve the approximate 4-foot sampling height.

Prior to collecting the IA samples, a vacuum test was performed on each sample canister to verify that the band clamp connections to the regulators were not leaking. A Gilian-5 personal air pump operating at a flow rate of about 3 liters per minute was connected to the polyethylene tubing and turned on to purge the air from the tubing and create a vacuum. Once a vacuum was established, the air pump would automatically shut down, due to the lack of air flow through the pump. The air pump would remain connected to the tubing and was allowed to sit for 1 minute. After 1 minute, the pump would be turned back on to check if the seal formed by the band clamp held the vacuum. Upon turning the pump back on, it would again shut down within 10 seconds indicating that the vacuum was still present and air was not infiltrating through the band clamp seal. See Air/Vapor Sampling Forms in Appendix E for documentation.

Nine (9) SS air samples were collected from within Building 7 and two (2) were collected from within Building 7A. The sub-slab samples were collected from under the slab-on-grade floor through an approximate 1/2-inch diameter hole drilled in a competent portion of the concrete floor away from cracks or drains. Clean, dedicated polyethylene tubing was placed into the hole to the base of the concrete slab and sealed at the floor surface with modeling clay. The sub-slab air samples were collected from within 10 feet of the indoor air sample locations (see Figure 3). Please note that for purposes of the samples discussion, the unique identifier, which is the date and time of sample (e.g., 7-VI-7SS-011811-0814) will not be used and the samples will be referred to by its location and type of samples (e.g., 7-VI-7SS).

Prior to collecting the sub-slab samples, helium gas was used as a tracer gas to check for surface air infiltration through the surface seal at each sampling point. A helium detector was used to measure helium concentrations in sub-slab air drawn up from the subsurface inside the polyethylene tubing. Helium was released into an enclosure (i.e., 5-gallon bucket modified to allow injection of helium and subsurface tubing to pass through the top) that was placed over the top of the surface seal to determine if the surface seal was sufficient. Helium was detected at concentrations that ranged from non-detect (7-VI-3SS and 7-VI-10SS) to 4.2% (7-VI-4) of the total air drawn up from the subsurface and screened by the helium detector (see Air/Vapor Sampling Form in Appendix E). This is considered satisfactory according to the October 2006 New York State Department of Health (NYSDOH) "Final Guidance for Evaluating Soil Vapor Intrusion in the State New York" (NYSDOH SVI Guidance) which allows for a tracer gas detection of up to 10%. Prior to removing the enclosure from over the top of the surface seals, a helium measurement was collected from inside the enclosure. Helium concentrations inside the enclosure ranged from 85% to 95%.

One (1) ambient outdoor air sample (7-VI-OUT) was collected from an exterior upwind location of Building 7. The outdoor air sample was collected from approximately 5 feet above the ground surface at the location shown of Figure 3, on the day of the indoor air sampling event.

The SVI sampling was completed using dedicated, laboratory-supplied flow regulators and SUMMA canisters set for approximate eight-hour duration (i.e., standard shift duration in a commercial/industrial facility). The samples were generally collected for about 7 to 8 hours. The sampling was generally stopped once the vacuum in the SUMMA canister had dropped to below -5 inches of mercury (in. Hg) and was shut down to maintain a vacuum on the canister (see Air/Vapor Sampling Form in Appendix E).

The SVI samples were analyzed for VOC via EPA Method TO-15 in general accordance with the NYSDOH SVI Guidance.

2.5 Hydraulic Conductivity Testing

The effective hydraulic conductivity of the five (5) bedrock monitoring wells installed as part of the Building 7 BCP Site RI were calculated via slug test methodologies using water levels measured by an electronic pressure transducer (Insitu MiniTroll). Prior to installing the slug, an electronic pressure transducer was placed into the monitoring well approximately 2 feet from the bottom of the well. The pressure transducer was used to measure and record the recovery of the water column in the well. The pressure transducer was allowed to stabilize within the well based on the review of real time field readings on a laptop computer. Once stabilization had occurred and to check that the transducer was working properly, it was lifted approximately 1 foot up the water column for about 30 seconds to 1 minute and set back to rest 2 feet above the bottom of the well. The transducer reading was observed to correspond with this change in depth within the water column, confirming that the transducer was working properly.

The slug utilized for the testing consisted of a sealed 5-foot long by 1.5-inch diameter section of sand-filled PVC pipe. The slug was placed into the well to displace the water inside the well. The slug remained in the well until the water level inside the well had generally recovered to within 95% of the static water level or after at least 1 hour. The slug was then quickly removed from the well and the recovery of the water column in the well was measured and recorded by the pressure transducer. The data along with the static water level and monitoring well information (intake zone, diameter, etc.) were analyzed in accordance with methodologies outlined in Bouwer and Rice[2] as further discussed in Section 3.7.

2.6 Groundwater Sampling

In addition to the four (4) newly installed groundwater monitoring wells and one (1) replacement well (MW-7-1R), groundwater samples were also collected from seven (7) existing wells (MW-7-A-6, MW-7-P-1, MW-7-C-2, MW-7-1, MW-7-2, MW-7-3 and MW-7-4, see Figure 3) as part of the Building 7 BCP Investigation. These eleven (11) monitoring wells comprise the Building 7 BCP Site monitoring well network.

Thirty-nine (39) monitoring wells were sampled between April and May 2011 across the GMCH facility. The following is a breakdown of the sampled monitoring wells.

- Building 7 BCP Site New and Existing Wells: 11
- Building 8 BCP Site New and Existing Wells: 8
- Building 10 BCP Site New and Existing Wells: 4
- Delphi Harrison Thermal Systems Registry Site No. 932113: 10
- Major Oil Storage Facility Tank Wells: 6

VOC analysis was completed at each of the 39 locations. Some of the monitoring well locations had additional sampling parameter requirements depending upon the rationale for sampling.

2 "The Bouwer and Rice Slug Test - An Update", Bouwer, H. Groundwater Journal, Vol. 27., No.3, May-June 1989.

Groundwater sampling was conducted utilizing low-stress low-flow sampling techniques using a water quality meter, disposable polyethylene tubing and a variable speed peristaltic pump. A summary of the samples collected associated with the Building 7 BCP Site and the analysis performed is shown on Table I. Analytical test results from the groundwater samples collected from the bedrock monitoring wells are summarized on Table III and Table IV and discussed in Section 4.7. Groundwater generated during the well purging was containerized for subsequent disposal by GMCH (see Appendix B).

2.7 Environmental Sampling

The various environmental samples collected as part of the RI were submitted to the TestAmerica Laboratories, Inc., as follows.

- TestAmerica Pittsburg – Soil samples collected in December 2010 and January 2011.
- TestAmerica Buffalo – Groundwater samples collected in April and May 2011.
- TestAmerica Knoxville – VI air samples collected in January 2011.

The analytical data packages were submitted to Conestoga Rovers and Associates (CRA) for quality assessment and validation (see Appendix F). The data quality assessment and validation reports are further discussed in Section 4.1.

2.7.1 Subsurface Soil Samples

Sixteen (16) subsurface soil samples (excluding QC duplicate and a matrix spike/matrix spike duplicate (MS/MSD) samples) were collected from the four (4) monitoring wells and twelve (12) soil probes completed as part of the RI. A duplicate soil sample was collected from 7-SB-4, 12 to 13.5 feet and MS/MSD for VOC; PCB and metals were collected from 7-SB-10, 2 to 4 feet; and the MS/MSD for SVOC was collected from 7-SB-3, 9.5 to 11.5 feet. A summary of samples collected for analytical testing and parameters as part of the RI is presented in Table I and the results are presented in Table II.

2.7.2 Groundwater Samples

Eleven (11) groundwater samples (excluding duplicate and MS/MSD samples) were collected from the 11 monitoring wells in the Building 7 BCP Site monitoring well network as part of the RI. A duplicate groundwater sample was collected from MW-7-5 and a MS/MSD was collected from MW-7-6. A summary of samples collected for analytical testing and the parameters is presented in Table I and the results are presented in Table III.

2.7.3 Soil Vapor Intrusion (SVI) Samples

Eleven (11) IA samples, eleven (11) SS samples, and one (1) ambient outdoor air sample were collected (excluding duplicates) from Building 7 BCP Site as part of the RI. A summary of samples collected for analytical testing and the parameters is presented in Table I and the results are presented in Table V.

2.8 Building 7 Subsurface Utility Assessment

A plan view of the subsurface piping for the Building 7 BCP Site is shown on Figure 4. The subsurface information from the drawings (i.e., pipe locations and inverts) was provided by GMCH and used to develop cross-sections of the various subsurface utilities along with investigation-derived information (i.e., depth to bedrock, groundwater elevation). The cross-section is shown on Figure 5.

There are four (4) types of sewers present beneath Building 7, as follows.

- Treated Sewers – These sewers contain contact cooling water and/or untreated manufacturing waste water. The treated sewers were directed to the former waste water treatment plant (WWTP) until 2006 when it was taken out of service. The treated sewers currently discharge via the sanitary sewer to the City of Lockport WWTP per permit number CL860103. The treated sewers are identified in dark blue on Figures 4 and 5.

- Process Sewers – These sewers contain non-contact cooling water that is brought to and from the cooling towers at the GMCH facility. The process sewers are identified in green on Figures 4 and 5.

- Sanitary Sewers – These sewers contain sanitary sewage from the restrooms and sinks present throughout Building 7. The sanitary sewers are discharged to the City of Lockport WWTP. The sanitary sewers are identified in red on Figures 4 and 5.

- Storm Sewers – These sewers primarily contain storm water from roof drains present on the roof of Building 7. During low flow, the storm sewers discharge to the City of Lockport WWTP. During high flow, the storm sewer discharges to either the drainage swale at Outfall D002 (storm water from the northern portion of Building 7), operating under NYSDEC SPDES Permit Number NY 000 0558 or to D003 (storm water from the southern portion of the Building). The drainage swale at D002 connects to "The Gulf" stream (see Section 3.6 for description) east of Outfall D002. Outfall D003 discharges to stream in the southeastern portion of the GMCH facility, near where The Gulf stream enters onto the property. The stream flows northeast beneath Upper Mountain Road, and flows down into The Gulf at a location east of the GMCH facility and eventually to Eighteenmile Creek. The storm sewers are identified in light blue on Figures 4 and 5.

Based on a review of storm water flow data for the two outfalls from September 18, 2010 through September 17, 2011 high flow events occurred 57 times at Outfall D002 and 78 times at Outfall D003 (see Storm Water Flow Data in Appendix I). High flow events for Outfall D002 generally consist of flow rates greater than 300 gallons per minute (gpm) and greater than 100 gpm for Outfall D003. The number of high flow events was determined by evaluating: 1) the flow meter data (hourly log data for storm water flow within the parshall flumes at each location prior to discharging to the drainage swale (D002) or The Gulf stream (D003)); 2) manual storm water measurement logs (daily manual readings and inspection notes); and 3) historic weather data from Niagara Falls Airport weather station for the same period. It should be noted that the electronic flow meters do not measure flows less than 100 gallons per 1 hour measured interval. Therefore flows less than 100 gallons are recorded as zero. It was also assumed that flow data indicative of high flow events that occurred within 12 hours of previous high flow event data, were part of the same high flow event.

At least 12 hours must transpire between data indicative of a high flow event, in order for an event to be considered to be a separate event.

Both Outfall D002 and D003 have been monitored via NYSDEC SPDES program since 1990 through the present at various NYSDEC required frequencies throughout that time. Sampling parameters included the following compounds of concern (COC), TCE, PCE and 1,2-trans-dichloroethlene (trans-1,2-DCE). Table I-1 in Appendix I is a summary table of the analytical results for storm water sampling events for Outfall D002 from February 1991 through October 2010 for TCE, PCE and trans-1,2-DCE. Note that the frequency of the sampling and the number of grab samples required per sampling event has changed over the years as required by NYSDEC. Analytical results reported for sampling events with multiple grab samples (1991 through 2001) are the highest concentration detected within the grab samples for that particular sampling event.

Graphs depicting the PCE, TCE and trans-1,2-DCE analytical data from Outfall D002 are also provided in Appendix I. The analytical results for PCE, TCE and trans-1,2-DCE appear to be on a downward trend as shown by the trend lines included on each graph with trans-1,2-DCE results having been below method detection limits in the sample rounds from March 2009 through October 2010. The average concentrations for PCE and TCE are 22 ug/l and 50 ug/l, respectively, for 12 rounds of sample data from February 2008 through October 2010. There are no quantitative discharge limits on the GMCH Facility SPDES permit for Outfall D002.

Table I-2 in Appendix I is a summary table of the average annual analytical results for storm water sampling events for Outfall D003 from 1990 through 2010 for TCE, PCE and trans-1,2-DCE. TCE was discontinued by NYSDEC as a sampling parameter in 2002 and the PCE concentrations have been below method detection limits from 2002 through 2010. DCE concentrations have below the Class GA groundwater standard or below method detection limits since 2007. There are no quantitative discharge limits on the GMCH Facility SPDES permit for Outfall D003. Graphs depicting the PCE, TCE and trans-1,2-DCE analytical data from Outfall D003 are also provided in Appendix I.

The rationale for the presence of COC in the storm sewer is unknown but may be attributed to impacted groundwater infiltrating the storm sewer system at locations where system piping is present at or below the groundwater table.

A portion of the treated sewer and sanitary sewers which are orientated in a west to east direction are present below the static groundwater table beneath the building. Some north-south orientated process, treated, storm and sanitary sewer pipes are also present beneath the groundwater table. The utility piping present beneath Building 7 appears to be within the overburden above the top of bedrock.

A GMCH facility-wide subsurface piping plan is shown on Figure 6 and a cross-section of the GMCH facility-wide subsurface piping, present through the central portion of the facility, is shown on Figure 7. The majority of the storm water, sanitary, treated and process water (if present) from the individual buildings at the GMCH facility are directed to the utility corridor which is present in the central portion of the facility with pipes generally flowing in a west to east direction. A significant portion of the subsurface piping in the central portion of the facility is near or below the groundwater table and also appears to be present near the top or below the top of bedrock throughout the majority of the GMCH facility.

2.9 Survey

A survey was completed for the five (5) monitoring wells and seven (7) soil probes installed on the exterior of Building 7, by a licensed land surveyor (McIntosh & McIntosh, PC). The ground surface, road box and monitoring point elevations of the monitoring wells were measured and referenced to the National Geodetic Vertical Datum (NGVD). The exterior monitoring wells and soil probes were also measured horizontally and referenced to the NAD83/96, New York State Plane Coordinates, West Zone.

The five (5) interior soil probe surface elevations were determined using the floor elevation from within Building 7, Elevation 615.46. Detailed building drawings provided by GMCH were used to locate the interior sampling locations within the footprint of the building. The horizontal measurements of the soil and SVI samples collected within the building were measured from marked columns present throughout the building at 40 foot spacing.

3. PHYSICAL CHARACTERISTICS OF THE STUDY AREA

The following sections discuss surface features, meteorology, surface water hydrology, regional and Site geology, regional and Site hydrogeology and land use.

3.1 Surface Features

The Building 7 BCP Site occupies approximately 31 of the 342.25 acres that make up the GMCH facility. The majority of the Building 7 BCP Site consists of the footprint of Building 7, some smaller buildings located to the east and paved roadways and loading docks on the west and south sides (see Figure 2). The ground surface and building concrete floor slab are generally level surfaces and the concrete floor slab is approximately 4 to 5 feet higher than ground surface outside the building, with the exception of the south side of the building where the ground surface is close to interior elevation. The floor elevation within Building 7 is 615.46 feet above mean sea level.

North of the Building 7 BCP Site is a paved facility roadway and Building 8, beyond which are a paved parking lot and residential homes along Upper Mountain Road. To the east are Building 7A, a paved parking lot and Upper Mountain Road. To the south is a paved facility road, grass area and an equipment storage area, beyond which is a New York Central Railroad line. To the west is Building 10, some smaller maintenance buildings, a scrap storage area, beyond which is unused GMCH property and the Town of Lockport Industrial Park.

The Building 7 BCP Site is occupied by one large manufacturing building with an approximate 989,636 square-foot footprint and a few smaller facility buildings. Areas not occupied by the buildings include paved areas used as storage, parking, loading docks and a nitrogen generation plant. The building has been used for manufacturing since it was built in stages from 1937 to 1951.

3.2 Meteorology

The GMCH Facility is located within Niagara County which is typified by moderately warm summers and cold winters with an average yearly temperature of 48 degrees Fahrenheit. Niagara County is bounded to the north by Lake Ontario, the Niagara River to the west, Erie County/Tonawanda Creek to the south and both Orleans and Genesee Counties to the east. The proximity to Lake Ontario and Lake Erie has an effect on the temperature and precipitation in Niagara County. The average yearly rain fall is about 34 inches and the average snowfall is about 98 inches.

3.3 Surface Water Hydrology

3.3.1 Regional Surface Water Hydrology

The Niagara Escarpment, further discussed in Section 3.4, acts somewhat as a regional surface water hydrologic divide. Surface water in the near vicinity and north of the escarpment flows northward towards Lake Ontario. Surface water bodies south of the escarpment generally flow to the south and southwest towards the Niagara River or the Erie Barge Canal. The Niagara River flows northerly discharging to Lake Ontario while the Erie Canal flows west to east. The Erie Canal is located approximately 1 mile southeast of the GMCH facility and has a southwest-northeast orientation in that vicinity.

3.3.2 Site Surface Water Hydrology

A significant portion of the Building 7 BCP Site is covered by the building footprint, and surface water drains off the building roof via sheet flow to roof drains which are connected to the subsurface storm sewer system. Areas outside of the building footprint drain via sheet flow to storm water catch basins which are directed to the storm sewer system, or pond at low points where infiltration and/or evaporation occur.

Surface water entering the storm sewer system from the northern portion of Building 7 flows to Outfall D002, located northeast of Building 7 (see Figure 2). During periods of low flow (i.e. flow rates less than 300 gpm) storm water at Outfall D002 is directed to the City of Lockport WWTP. During periods of high flow (i.e. flow rates greater than 300 gpm), storm water is discharged to the drainage swale east of Outfall D002, which flows east and connects with The Gulf stream, which enters the GMCH facility from the southern property boundary. The Gulf stream flows northeast beneath Upper Mountain Road, and flow down into The Gulf at a location east of the GMCH facility and eventually to Eighteenmile Creek.

Surface water entering the system from the southern portion of Building 7 flows to Outfall D003. During periods of low flow (i.e. flow rates less than 100 gpm) storm water at Outfall D003 is directed to the City of Lockport WWTP. During periods of high flow (i.e. flow rates greater than 100 gpm), Outfall D003 discharges to The Gulf stream in the southeastern portion of the GMCH facility, near where The Gulf stream enters onto the property.

3.4 Regional Geology

The existing topography in the vicinity of the GMCH facility is generally flat with an approximate 25 foot change in elevation from the Truck Gate at the western side (615 foot elevation) to the eastern side along Upper Mountain Road (590 foot elevation) over a distance of 3,150 feet, or less than a 1% grade.

The two primary surface reliefs in the vicinity are the Niagara Escarpment, located approximately two miles to the north and the Erie Canal, located approximately 1 mile southeast of the Site, which has a southwest-northeast trend. There is an approximate 200-foot difference in elevation from the ground surface at the Site to the base of the escarpment. This escarpment acts as a surface water and groundwater divide.

Regionally the stratigraphy from the ground surface consists of glacially derived soils comprised of lacustrine clays and silts which overlay bedrock. The upper-most bedrock unit is the Lockport Group, which consists of the Gasport Limestone Formation and the Lockport Dolomite. Below the Lockport Group is the Clinton Group, which consists of the Rochester Shale Formation, the Irondequoit Limestone Formation, and the Rockway/Hickory Corners/Neahga Formation. This formation consists of dolostone, limestone, and shale units. Below the Rockway/Hickory Corners/Neahga Formation is the Medina Group, which consists of the Grimsby Sandstone Formation, the Power Glen Shale Formation, and the Whirlpool Sandstone Formation. The Lockport, Clinton, and Medina groups are Middle to Lower Silurian in age, deposited from 410 to 430 million years ago.

Bedrock in western New York generally dips to the south to southwest at about 40 feet per mile. The rock bedding is considered essentially flat over short distances. High angle to vertical joints are common within the bedrock.

3.5 Site Geology

3.5.1 Overburden

Overburden soil conditions at the Building 7 BCP Site varied in depth and types of material. The subsurface soils along the western side of the building consisted of about 3 to 4 feet of clayey silt fill material overlying native soils (clayey silts to silty clays with lesser and varying amounts of sands and gravel). Bedrock was encountered at depths of 6 to 9 feet bgs.

The subsurface conditions beneath the interior of the building, consisted of about 4 to 8 feet of fill materials that were primarily non-cohesive soils (silts, sands and gravels) with varying amounts of cohesive soils (silts and clays). Native soils were similar to those encountered along the western portion of the building and bedrock was encountered at 11 to 13 feet below the building floor. However, the floor inside Building 7 is about 4 to 5 feet higher in elevation than the western portion of the building with the top of bedrock present close to the same elevation.

Along the eastern exterior of the building, the fill material was a mix of both cohesive and non-cohesive soils ranging in depth from 3 to 9 feet bgs. Native soils were similar to those encountered along the western portion and beneath the building. Bedrock was generally encountered between 9 to 13 feet bgs which is slightly deeper than beneath the building.

3.5.2 Bedrock

Bedrock underlying the GMCH facility is the Lockport Dolomite Formation. Five (5) shallow bedrock monitoring wells that were installed as part of the Building 7 BCP RI are screened within the Lockport Dolomite. The five (5) bedrock wells were advanced through the overburden soil and approximately 9 feet to 14 feet into the upper fractured bedrock.

The Lockport Dolomite is gray dolomitic limestone, which is hard and fine-grained with horizontal to low angle fractures. The upper fractured bedrock encountered at the Site can generally be classified as fair (rock quality designation (RQDs) values of 51 to 75 percent) to good (RQDs values of 76 to 90 percent) quality based on the RQDs obtained from the bedrock coring done and recorded on the test boring logs in Appendix C.

RQD values for bedrock cores obtained from the Building 7 BCP Site generally ranged from 73 to 100 percent, with the exception of the rock core from MW-7-5, 17 to 22 feet which was 47 percent. The average RQD value was about 80 percent. In general, the rock cored in the borings completed as part of the Building 7 BCP Site RI did not exhibit extensive fractures or jointing with the exception of rock core from MW-7-5, 17 to 22 feet and MW-7-6, 11.8 to 16.9 feet.

3.6 Regional Hydrogeology

Groundwater from the GMCH facility flows east toward The Gulf located on the east side of Upper Mountain Road (see Figure 1). The Gulf is a large topographic depression, which acts as a groundwater sink in the vicinity.

3.7 Site Hydrogeology

Four (4) bedrock groundwater monitoring wells (see Figure 3) were installed and one (1) monitoring well was replaced (MW-7-1) with a new well (MW-7-1R) as part of the Building 7 BCP Site RI. Water levels in the bedrock wells range from about 1 to 9 feet below ground surface based on water level measurements collected on May 2, 2011 (see Table VI). Groundwater flow direction appears to be in a easterly direction with a gradient of about 0.005 based on the groundwater elevations measured at MW-7-7 located on the east side of Building 7, and MW-7-6 located on the west side of Building 7 (see Figure 8).

Groundwater beneath the entire GMCH facility (based on the measured groundwater elevations from 43 monitoring wells on May 2, 2011) flows generally from west to east with a gradient of about 0.009, based on the groundwater elevations measured at MW-9-101-A (south of Building 9) and MW-13 (along Upper Mountain Road on the eastern property line; see Figure 8).

Groundwater flow within the bedrock at the Building 7 BCP Site is generally controlled by fractures and joints within the rock mass. As discussed in Section 2.8 above, sewer lines are present that intercept groundwater. Groundwater flow may also be influenced in part by the sewer systems. The RQD values for the rock encountered during the coring obtained from the subsurface explorations associated with Building 7 BCP Site indicate that bedrock is generally not highly fractured or jointed.

3.7.1 Hydraulic Conductivity and Velocities

Estimated horizontal hydraulic conductivity values were calculated from rising head slug tests conducted in the five (5) bedrock monitoring wells. As shown in Appendix G, the effective hydraulic conductivity in the Building 7 BCP Site is relatively low and varies between approximately $1.6x10^{-6}$ centimeters/second (cm/s) (MW-7-8) and $5.2x10^{-4}$ cm/s (MW-7-5) or about 0.005 to 1.5 feet per day (fpd), with an average of about 0.47 fpd.

In other portions of the GMCH facility, the effective hydraulic conductivities ranges were as follows.

- Building 8 BCP RI Wells: $9.7x10^{-6}$ cm/s to $9.9x10^{-4}$ cm/s (0.03 to 2.8 fpd)
- Building 10 BCP RI Wells: $6.4x10^{-5}$ cm/s to $1.7x10^{-4}$ cm/s (0.2 to 0.5 fpd)
- Delphi Harrison Thermal Systems Site: $1.1x10^{-6}$ cm/s to $1.1x10^{-2}$ cm/s (.003 to 31 fpd)

Groundwater flow velocities within the upper bedrock were calculated using Darcy's Law assuming that horizontal flow in the bedrock is isotropic. We note that Darcy's Law was developed for flow through porous media and not fractured rock and the values calculated should be considered as estimates. The parameters required for this determination include hydraulic conductivity, gradient and porosity. The hydraulic conductivity and gradient were determined based on field measurements.

The porosity was estimated by assessing published values for fracture porosity. Snow[3] estimated fracture porosity to be on the order of 0.01 to 0.4%. However, the method presented by Snow does not account for variable fracture thickness or the presence of highly weathered fractures. For

3 "Rock Fracture Spacings, Openings and Porosities", Snow, D., Journal of Soil Mechanics and Foundations Division, Proceedings of the American Society of Civil Engineers, January 1968.

fractured bedrock with hydraulic conductivity on the order of 10^{-2} to 10^{-4} cm/s, Jumikis[4] published values of secondary porosity ranges between about 5 and 20%. Freeze and Cherry[5] estimated porosity in fractured rock to be between 0 and 10% and Fetter[6] reported values from limestone and dolomite range from less than 1 percent to 30%. It is expected that the porosity ranges from less than 1% to 10% for the shallow fractured bedrock at the GMCH facility. Groundwater velocities were calculated using 0.5% and 5% to identify the potential range of groundwater velocities.

Utilizing a horizontal hydraulic gradient for Building 7 of 0.005, an average hydraulic conductivity of 172 feet per year (fpy) and assumed effective porosities of 0.005 and 0.05, the average linear velocity for groundwater ranges from 17.2 to 172 fpy, with an average of approximately 95 fpy (see Appendix G).

Equation 1: Average Linear Velocity

$$-\frac{K}{n} \times \frac{dh}{dl}$$

3.8 Land Use and Demography

The portion of the facility including Building 7 is located within the City of Lockport, which is located in Niagara County, New York. The City of Lockport is surrounded by the Town of Lockport. The Town of Lockport is bordered by the Town of Newfane to the north, the Town of Hartland to the northeast, the Town of Royalton to the east, the Town of Pendleton to the south, and the Town of Cambria to the west. The GMCH facility is located in an area of mixed residential, agricultural, commercial, and industrial settings along Upper Mountain Road. Across Upper Mountain Road, the Niagara Escarpment is located approximately one-half mile to the northeast. A stone quarry and former steel facility are located approximately 1 mile south of the GMCH facility. Residential properties are generally present along the east and north sides of Upper Mountain Road and to the west.

3.9 Fish & Wildlife Resources Impact Analysis

No fish and wildlife resource impact analysis (FWRIA) was required as part of the RI. The FWRIA Decision Key in Appendix 3C of NYSDEC DER-10 was used to come to this conclusion, as follows.

Step 1: Is the site or area of concern a discharge or spill event? *Yes (Go to Step 13)*

Step 13: Does the contamination at the site or area of concern have the potential to migrate to, erode into or otherwise impact any on-site or off-site habitat of endangered, threatened or special concern species or other fish and wildlife resource? (See #9 for a list of potential resources.

The Bldg 7 BCP Site (manufacturing facility) is in an area of mixed residential agricultural, commercial, and industrial located in the City of Lockport. There is a very limited fish and wildlife population within a ¼ mile radius of the Building 7 BCP Site because it is located within a larger manufacturing facility (GMCH facility) area (See Figure 2). There are no state or federal wetlands or streams with ¼ mile radius of the Building 7 BCP Site (see Figure 12).

4 "Rock Mechanics"; Jumikis, A. R.; Trans Tech Publications, 1983.
5 "Groundwater"; Freeze, R.A.,and Cherry, J.A.; Prentice Hall Inc, 1979.
6 "Applied Hydrogeology" 3rd Edition; Fetter, C.W.; MacMillan College Publishing Company, 1994.

Step #9 identified the following resources:

1. Any endangered, threatened or special concern species or rare pants or their habitat; - *Not Applicable (NA)*
2. Any DEC designated significant habitats or rare NYS Ecological Communities; *NA*
3. Tidal or Freshwater wetlands; *NA*
4. Stream, creek or river; *The Gulf stream is present east of Building 7 and receives storm water from the GMCH facility during high flow events*.
5. Pond, lake, lagoon; *NA*
6. Drainage ditch or channel; *A drainage ditch is present east of Building 8 and receives high flow storm water discharge from Outfall D002 and operated under NYSDEC SPDES Permit Number NY 000 0558. This drainage ditch discharges to The Gulf stream near the eastern property line of the GMCH facility.*
7. Other surface water feature; *NA*
8. Other marine or freshwater habitat; *NA*
9. Forest; *NA*
10. Grassland or grassy field; *NA*
11. Parkland or woodland; *NA*
12. Shrubby area; *NA*
13. Urban wildlife habitat; *NA*
14. Other terrestrial habitat. *NA*

Additionally, the NYSDEC Natural Heritage Unit was contacted to review their files to determine if there are ecological concerns or habitats for endangered, threatened or special concern species in the vicinity of the Site (see Appendix H for letter to NYSDEC). A response for NYSDEC Natural Heritage Unit indicating that "We have no records of rare or state-listed animals or plants, significant natural communities, or other significant habitats, on or in the immediate vicinity of your site" (see Appendix H).

As "No" was the answer to Step 13, follow to Step #14.

Step #14: No FWRIA needed.

4. REMEDIAL INVESTIGATION RESULTS

This section discusses the nature and extent of contamination at the Site. TestAmerica Laboratories Inc. provided analytical laboratory services for this RI.

4.1 Date Validation Reports

CRA, in Niagara Falls, New York prepared data quality assessment and validation reports (QAVR) for the analytical data collected as part of the Building 7 BCP Site RI. One report was prepared for each of the environmental media (soil, groundwater and air) collected. These reports are as follows:

- Memorandum from CRA – "Data Quality Assessment and Validation, BCP Investigation, Building 7 Soils, GM-Lockport, Lockport, New York, December 2010 - January 2011" dated February 16, 2011.
- Memorandum from CRA – "Data Quality Assessment and Validation, BCP Investigation, Building 7 Air, GM-Lockport, Lockport, New York, January 2011" dated March 22, 2011.
- Memorandum from CRA – "Data Quality Assessment and Validation, BCP Investigation, Building 7 Groundwater, GM-Lockport, Lockport, New York, April 2011" dated July 7, 2011.

Copies of the three QAVRs, along with validated analytical data, qualifiers, their definitions, as defined by CRA, are included in Appendix F. The following is a summary of the overall assessment of each report.

- Soil QAVR: The data was found to exhibit acceptable levels of accuracy and precision, based on the provided information, and may be used with the qualifications and exceptions noted within the report. No data was rejected.

- Air QAVR: The data was found to exhibit acceptable levels of accuracy and precision, based on the provided information, and may be used with the qualifications and exceptions noted within the report. No data was rejected.

- Groundwater QAVR: The data was found to exhibit acceptable levels of accuracy and precision, based on the provided information, and may be used without qualification. No data was rejected.

Validated results were used to develop analytical tables and figures, and for discussion purposes within the report. Our presentation of analytical test results within the text does not include data qualifiers.

4.2 Comparative Criteria

The comparative criteria used for assessment of the various media samples, to determine if a potential threat to human health or the environment exists, were as follows.

Subsurface Soil

- 6 New York Code Rules and Regulation (6 NYCRR) Part 375 Environmental Remediation Programs, Subparts 375-12 to 375-4 & 375-6, effective December 14, 2006.

The Part 375 Protection of Groundwater Soil Cleanup Objectives (PGWSCOs), Commercial Soil Cleanup Objectives (CSCO) and Industrial Soil Cleanup Objectives (ISCO) were used for comparison to the subsurface soil analytical data.

Groundwater

- NYSDEC's Division of Water, Technical and Operational Guidance Series (TOGS 1.1.1), June 1998, amended April 2000 (Class GA criteria).

Soil Vapor Intrusion Samples

- NYSDOH's "Final Guidance for Evaluating Soil Vapor Intrusion in the State New York" dated October 2006 (NYSDOH Guidance).

4.3 Contaminant Types

Discussions of laboratory analytical results for the various environmental media are presented by the chemical classes including VOC, SVOC, PCB and inorganics (metals) that were detected as part of the Building 7 BCP Site RI. Some compounds of these chemical classes were identified at concentrations exceeding applicable comparison criteria at a few locations. These exceedances are presented in the associated analytical tables. The principal contaminant of concern (COC) detected in the groundwater for the Building 7 BCP Site and throughout the GMCH facility are VOCs, primarily PCE, trichloroethene (TCE) and their breakdown products.

4.4 Source Areas

Five (5) soil probes completed inside Building 7 were installed for general site coverage to assess areas not investigated during the Previous Phase II Investigation. The seven (7) soil probes completed on the northeast exterior of Building 7 were to address SVOC detected in soil samples from AOI-10, AOI-14 and AOI-16; copper (Cu) detected in a soil sample from AOI-16; and PCB detected in a soil sample from AOI-14 and AOI-12 (former degreaser locations in the central portion of Building 7), as discussed in Section 1.4 (see Previous Phase II Investigation figure in Appendix A). Note that the eleven (11) former degreaser locations throughout Building 7 were all designated AOI-12.

Seven (7) soil samples were analyzed for VOCs, SVOCs, PCBs and metals from the seven (7) soil probes completed to address previous concerns identified at AOI-10, AOI-14 and AOI-16. No VOCs, SVOCs, PCBs were detected at concentrations exceeding the Part 375 Protection of Groundwater Soil Cleanup Objectives (PGWSCO). Metals detected were below their respective Part 375 PGWSCO and CSCO, with the exception of lead detected at 7-SB-10, 2 to 4 feet (1,620 ppm) which was above both its respective PGWSCO and CSCO but less than the ISCO. Therefore, SVOCs, PCBs and copper (Cu) soil contamination previously identified do not appear to be widespread in the soil. Two areas where soil contamination was identified previously are inside of Building 7. The previous Phase II Investigation identified elevated levels of chlorinated solvents in soils beneath two (2) of the eleven (11) former degreaser areas (AOI-12). These two (2) locations were located in the northwestern portion of the building and may be potential source areas. No additional source areas, or cause for releases of contaminants, were identified during the soil investigation.

4.5 Surface Soil Analytical Results

Surface soil samples were not collected as the majority of the Building 7 BCP Site footprint is either covered by the building footprint or surface cover (i.e., pavement, gravel or concrete).

4.6 Subsurface Soil Analytical Results

Sixteen (16) subsurface soil samples (excluding QC samples) were collected for analysis from twelve (12) soil probes and five (5) test borings completed as part of the Building 7 RI. Of the 16 samples collected:

- Sixteen (16) were analyzed for VOCs via SW-846 8260B;
- Twelve (12) were analyzed for SVOCs via SW-846 8270C;
- Twelve (12) were analyzed for PCBs via SW-846 881; and
- Twelve (12) were analyzed for metals via SW-846 6010/7000 Series.

A summary of various samples collected for analytical testing and parameters is presented in Table I. Analytical results are summarized on Table II and Figure 9.

4.6.1 Volatile Organic Compounds (VOC)

Sixteen (16) subsurface soil samples (excluding duplicate and MS/MSD samples) were analyzed from the twelve (12) soil probes and four (4) test borings completed as part of the Building 7 BCP Site RI for VOCs.

From these 16 soil samples, 11 different VOC were detected above method detection limits (see Table II). None of the VOCs detected were at concentrations exceeding their respective Part 375 PGWSCO.

4.6.2 Semi-Volatile Organic Compounds (SVOC)

Twelve (12) subsurface soil samples (excluding duplicate and MS/MSD samples) were analyzed from the twelve (12) soil probes completed as part of the Building 7 RI for SVOCs. No SVOC samples were collected from the monitoring well installations.

Fifteen (15) different SVOCs were detected above method detection limits in four (4) of the 12 samples tested (see Table II). None of the SVOCs detected were at concentrations exceeding their respective Part 375 PGWSCOs.

4.6.3 Polychlorinated Biphenyls (PCB)

Twelve (12) subsurface soil samples (excluding duplicate and MS/MSD samples) were analyzed for PCBs from the twelve (12) soil probes completed as part of the Building 7 RI. PCBs were not detected above method detection limits.

4.6.4 Metals

Twelve (12) subsurface soil samples (excluding duplicate and MS/MSD samples) were analyzed for metals from the twelve (12) soil probes completed as part of the Building 7 BCP Site RI. From these 12 soil samples, 22 different metals were detected above method detection limits (see Table II). Lead (Pb) was detected at 7-SB-12, at one to four feet below ground surface (BGS) at a concentration of 1,620 ppm, which exceeds its Part 375 CSCO (1,000 ppm) and Part 375 PGWSCO (450 ppm). None of the other metals were detected at concentrations above their respective Part 375 CSCOs or Part 375 PGWSCO.

4.7 Groundwater Analytical Results

Eleven (11) groundwater samples were collected as part of the Building 7 BCP Site RI for VOC analysis by EPA Method 8260B. The groundwater samples were collected from the four (4) newly installed wells (MW-7-5 through MW-7-8), one replacement monitoring well (MW-7-1R) and six (6) existing monitoring wells (MW-7-A-6, MW-P-1, MW-7-C-2, MW-7-2, MW-7-3 and MW-7-4).

Results of the groundwater sampling from the 11 monitoring wells sampled identified the presence of chlorinated solvents in the groundwater on the eastern and western side of the Building 7 BCP Site. Elevated levels of PCE were detected in monitoring well, MW-7-7 (on the western side of Building 7). Elevated levels of PCE, TCE and cis-DCE were also identified in a groundwater sample collected from monitoring well MW-7-A-6 on the western side of Building 7. This well is located in the vicinity of a former PCE fill port and storage tank area. In 1983, a delivery of PCE was pumped into the PCE fill port which was no longer in use and was released into the pump house located between Buildings 7 and 10. Chlorinated solvent contamination present in the groundwater in the southern portion of the GMCH facility between Buildings 7 and 10 may be attributed to this event.

Elevated levels of VOCs were also detected in monitoring well MW-7-5, which is located on the eastern side of Building 7, down-gradient of MW-7-A-6, discussed above. The concentrations of VOCs detected were approximately three to four orders of magnitude lower than observed on the western side of the Building 7 BCP Site.

It should be noted that the down-gradient VOCs groundwater concentrations east of Building 7 BCP Site at the GMCH facility property line were below the laboratory detection limits.

Figure 3 shows the locations of the monitoring wells sampled as part of the Building 7 BCP Site investigation. The groundwater analytical test results are summarized on Table III and Table IV and presented on Figure 10.

4.7.1 Volatile Organic Compounds (VOC)

Five (5) different VOCs (PCE, TCE, cis-1,2 DCE, trans-1,2 DCE and VC) were detected above method detection limits in eight (8) of the 11 groundwater samples collected (see Table III). VOCs were not detected above laboratory detection limits in the groundwater samples from monitoring wells, MW-7-1R, MW-7-2 and MW-7-3, located to the east of the Building 7 BCP Site. Both MW-7-2 and MW-7-3 are located along the eastern property line downgradient of the GMCH facility.

VOCs were detected at concentrations exceeding their respective Class GA criteria at the other eight (8) well locations. The total VOC concentrations detected ranged from 41 ppb (MW-7-P-1, located in the southern portion of Building 7) to 175,000 ppb (MW-7-A-6, located on the west side of Building 7). PCE was typically the compound detected at the highest concentration in the groundwater samples, with the exception of MW-7-P-1 and MW-7-3, which are cross-gradient and down-gradient, respectively, from potential source areas.

At MW-7-P-1, PCE (0.57 ppb) and TCE (2.1 ppb) were detected, however, the detected concentration of cis-DCE (6.2 ppb), trans-DCE (4.9 ppb) and VC (27 ppb) indicate that natural attenuation is occurring as the concentrations of the breakdown products are higher than the parent compound (PCE and TCE) concentration.

At MW-7-3, neither PCE nor TCE were detected above method detection limits, but the natural attenuation breakdown products, cis-DCE (8.6 ppb) and VC (46 ppb), were detected.

Natural attenuation is defined as the biodegradation, dispersion, dilution, sorption, volatilization, and/or chemical or biological stabilization, transformation, or destruction of constituents in soil and groundwater, whereby constituent toxicity, mobility or volume is effectively reduced to levels that are protective of human health and the environment. Natural attenuation is likely occurring at the Building 7 BCP Site through intrinsic reductive dechlorination processes.

Reductive dechlorination is the replacement of a chlorine atom with a hydrogen atom on an organic compound, caused by microbial catalyzed reactions. In such a reaction, PCE and TCE are sequentially reduced to lower chlorinated ethenes, such as cis-DCE, VC and ultimately ethene.

The groundwater compound concentrations detected at monitoring well locations MW-7-P-1, MW-7-3, MW-7-5 and MW-7-C-2 are indicative of this process.

In addition to the eleven (11) groundwater samples collected for VOCs analysis as part of the Building 7 BCP Site RI, 28 other monitoring wells located throughout the GMCH facility were sampled for VOCs, as part of other BCP Site RIs and other NYSDEC monitoring programs. A posting map depicting the VOC concentrations for the entire GMCH facility is shown on Figure 10 and also summarized on Table IV.

Based on the findings of the BCP RIs and other sampling completed, chlorinated VOCs are present in the groundwater throughout the GMCH facility. Source areas are likely present within Building 10, between Buildings 7 and 10, the southwestern corner of Building 8 and in the southeastern corner of Building 8 (Delphi Harrison Thermal System Site Registry Site No 932113).

However, groundwater contamination does not appear to be migrating from the GMCH facility as six (6) of the seven (7) monitoring wells along the down-gradient eastern property line for the GMCH facility do not show concentrations of VOCs above the laboratory detection limits. These six (6) wells (from north to south) include: MW-6-2, MW-6-1, MW-11, MW-13, MW-7-2 and MW-7-4. PCE (6.7 ppb) was detected slightly above its respective Class GA criteria (5 ppb) at MW-15, which is approximately 100 feet from the eastern property line.

VOCs detected in the groundwater at the GMCH facility are not considered to be a significant threat to human health via ingestion because the GMCH facility and the surrounding community are serviced by municipal supplied potable water.

4.8 Soil Vapor Intrusion (SVI) Analytical Results

Eleven (11) IA, 11 SS samples and one (1) outdoor air sample (excluding QC duplicates) were collected as part of the Building 7 RI for VOC analysis via TO-15. Results of the SVI sampling identified 34 different VOC that were detected in the air samples collected above method detection limits (see Table V). The results of the IA samples and the SS air samples were compared to the two decision matrices in the NYSDOH Guidance. Analytical data summaries are included on Table V and Figure 11. The following is a brief summary of the comparison.

- Based on the concentrations of TCE detected in the seven (7) IA samples and their corresponding seven (7) SS samples, the decision matrices indicate that mitigation is needed to minimize current or potential future exposures associated with SVI in Building 7 and 7A.

- Based on the concentrations of PCE detected in the five (5) IA samples and their corresponding five (5) SS samples, the decision matrices indicate that mitigation is needed to minimize current or potential future exposures associated with soil vapor intrusion in Building 7.

- Based on the concentration of cis-DCE in four (4) SS samples, and VC in two (2) SS samples, the NYSDOH decision matrices recommend mitigation to minimize potential exposures due to the elevated levels of VOC detected in sub slab vapor below the building slab.

TCE was detected in eight (8) IA samples at a concentration exceeding its respective NYSDOH Air Guideline Value (AGV) of 5 micrograms per cubic meter (ug/m^3). PCE was detected in one (1) IA sample exceeding its respective NYSDOH AGV of 100 ug/m^3.

The TCE concentrations detected and exceeding its respective AGV ranged from 5.6 ug/m^3 (7-VI-6IA) to 53 ug/m^3 (7-VI-8IA). The PCE concentration detected and exceeding its respective AGV was 230 ug/m^3 at 7-VI-8IA. The AGV for TCE and PCE are considered low relative to the other regulatory and advisory values used by other agencies that govern chemical exposure in industrial work environments. By comparison, the Occupational Safety and Health Administration (OSHA) has established the following regulatory values for TCE.

- Permissible Exposure Limit (PEL) for TCE averaged over an 8-hour work shift is 100 ppm or 537,423 ug/m^3;
- OSHA Short-term exposure limit (STEL) for a 5 minute exposure in any 2-hour period is 300 ppm or 1,612,270 ug/m^3; and
- OSHA ceiling is 200 ppm or 1,074,847 ug/m^3.

The National Institute for Occupational Safety and Health (NIOSH) has established the following advisory values for TCE.

- NIOSH time weighted average (TWA) for exposure to TCE is 25 ppm; and
- NIOSH immediate danger to life or health concentration (IDLH) is 1,000 ppm.

OSHA has established the following regulatory values for PCE.

- Permissible Exposure Limit (PEL) for PCE averaged over an 8-hour work shift is 100 ppm or 678,323 ug/m^3;
- OSHA Short-term exposure limit (STEL) for a 5 minute exposure in any 3-hour period is 200 ppm or 1,356,646 ug/m^3; and
- OSHA ceiling is 300 ppm or 2,034,969 ug/m^3.

TCE and PCE have detected concentrations above their respective NYSDOH AGVs in IA samples, but are not considered a threat to worker health and safety when compared to the OSHA regulatory values that are typically used to govern exposure in work environments.

5. CONCEPTUAL SITE MODEL

As described in DER-10, the Conceptual Site Model (CSM) process is utilized to: 1) develop a framework for analysis of contaminants identified at the Site during the investigative process and, 2), to provide the basis for determining the need and scope of the remedial action process that is protective of human health and the environment. The CSM process includes delineation of the Contaminants of Concern (COCs), assessment of the extent and transport of the COCs within the environment, and development of a Qualitative Human Health Exposure Assessment (QHHEA) to determine if COCs presence could constitute an exposure pathway currently or under the future intended land use scenarios. More specifically, the CSM addresses:

1. Sources of Contamination;
2. Nature and Extent of Contamination;
3. Dominant Fate and Transport Characteristics (based on site conditions and contaminants encountered);
4. Potential Exposure Paths; and
5. Potentially Impacted Receptors.

The Building 7 CSM has been prepared using information derived from the RI sampling and analytical testing program. These investigations document the following key factors concerning contaminant presence and mobility at the Building 7 BCP Site:

Site Features/Characteristics:

- The Building 7 BCP Site is currently an active manufacturing facility.
- The majority of the ground surface is currently almost entirely covered by building foundations, or pavement creating a physical barrier between the ground surface and the underlying soils.
- Immediately below this barrier is a fill layer consisting of gravel, sand and silt, ranging from approximately 1.5 to 9 feet below ground surface. Below the fill native clays and silts comprise the remaining overburden soils. Bedrock consisting of Lockport Dolomite was encountered between 6 and 13 feet below ground surface. .
- Based on the most recent facility-wide groundwater elevation (El) data, the groundwater table across the entire GMCH facility flows towards the east at a moderate gradient from approximately El 617 at its highest point to approximately El 584 at its lowest point. There is a slight gradient specifically over the Building 7 BCP Site, ranging from approximately El 610 on the western side of the Building 7 BCP Site to approximately El 602 on the eastern side of the Building 7 BCP Site.
- Groundwater is not utilized as a potable resource at the Building 7 BCP Site.

Site Data:

Soil:

- Based on field investigations conducted prior to the RI in 2006 (refer to Appendix A), VOC, specifically PCE and SVOC compounds identified as polycyclic aromatic hydrocarbons (PAHs) were detected above ISCOs, CSCOs and/or PGWSCOs in select samples. The PCE detections were noted at depth intervals from approximately 6-10 feet bgs. It is possible that the soil samples incorporated contaminated groundwater resulting in the elevated detections. It should be noted that some exceedances for PAHs, were actually non-detect values in which the laboratory detection limit was abnormally high due to analytical dilutions.

  PCB and copper (Cu) were also detected in one (1) sample each, but below the PGWSCOs. With the exception of three (3) samples, soil exhibiting detections above ISCOs and CSCOs were beneath the building slab. The results of the Previous Phase II investigation were used to develop the scope of the RI. The results of which are described in the bullets below.

- Based on the results of the Building 7 BCP Site RI soil investigation, metals, VOCs and SVOC were not detected above the PGWSCOs with the following exception:

  - One out of 13 samples contained a detection of lead (Pb) (1,620 mg/kg) greater than the PGWSCO and CSCO, but below the ISCO. This sample was collected from the top four feet of fill material, and it is not representative of a facility-wide condition.

- Overall, significant impacts to soil were not identified during the Building 7 BCP Site RI. All detections were below ISCOs and one (1) lead detection was noted above CSCOs. In addition, there did not appear to be substantial variation between the analytical data from fill soils versus native soils, indicating that historic fill is not anticipated to be a source of contamination at the Site. The isolated detection of lead (Pb) is anticipated to be a result of naturally occurring conditions and/or anomaly.

Groundwater:

Groundwater sample results were compared to the NYSDEC TOGS 1.1.1 Class GA criteria. During the Building 7 BCP Site RI activities, new and historical wells were sampled for VOCs, based on prior sampling results.

- Based on historical and recent groundwater sampling conducted, the primary contaminants of concern (COC) identified in groundwater include PCE, TCE, cis-1,2-DCE, trans-1,2-DCE, and vinyl chloride, with the highest concentrations identified on the western (upgradient) side of the Building 7 BCP Site.

- VOC were not detected in downgradient wells east of the Building 7 BCP Site (MW-7-1, MW-7-2, and MW-7-4), indicating that contaminated groundwater has likely not migrated from the study area. Refer to Figure 10.

- As previously noted, groundwater is not currently used at the GMCH facility for potable or non-potable purposes.

- Groundwater may be infiltrating the storm sewer system at locations where the system piping is present at or below the groundwater elevation.

Sub-slab Vapor/Indoor Air:

- Eleven (11) pairs of indoor air and sub-slab vapor samples were collected from various locations throughout the interior of Building 7. The comparison of the results to the NYSDOH SVI Guidance decision matrices indicate that the concentrations of VOCs detected in the sub-slab vapor and/or indoor air samples exceed their respective AGVs.

- The COCs identified in the sub-slab vapor and indoor air include PCE, TCE, cis-1,2-DCE, and vinyl chloride, which is both consistent with the COCs identified in the groundwater and chemicals historically used at the Building 7 BCP Site.

5.1 Contaminants of Concern (COC)

A summary of the Building 7 BCP Site COCs, potential source evaluation, and delineation of nature and extent has been distilled from Building 7 BCP Site explorations, sampling and testing completed as are described in detail in the preceding sections of this report.

Based on the investigation and analytical results as summarized above, the COCs have been identified based on the detection of any one of a broad suite of organic and inorganic substances that are related to the Building 7 BCP Site operations and are present at levels higher than the relevant standards, criteria, and guidelines (SCGs). Consistent with the approved RIWP, the Building 7 BCP Site RI Site data were evaluated on the basis of the SCGs as specified in the Part 375 BCP Regulations for soil (specifically ISCOs, CSCOs and PGWSCOs) and the NYS Drinking Water (GA) Standards specified in NYSDEC TOGS 1.1.1. for groundwater and the NYSDOH decision matrices included in the NYSDOH Guidance for Evaluating Soil Vapor Intrusion in New York State (2006) for soil vapor and indoor air. These SCGs represent risk-derived concentrations determined by the NYSDEC/NYSDOH to be fully protective of human health and the environment.

The COC identified in the Building 7 BCP Site soil, groundwater, and sub-slab vapor/indoor air data are summarized on Tables II through V, which identifies those substances that were detected at levels higher than the comparison criteria. The determination of COC was based on the following factors:

- COC substances have been consistently detected and in excess of screening criteria.

- COC substances can be linked to the Building 7 BCP Site and not to naturally occurring and/or ambient conditions surrounding the Building 7 BCP Site.

- COC substances have been detected at a frequency and at sufficient concentrations that the COC could present a reasonable potential for human or environmental exposure.

A detailed evaluation of the data set has resulted in identification of COC on the Building 7 BCP Site. The COC identified are as follows:

1. Primary COC include chlorinated solvents, specifically PCE, TCE, cis-1, 2-DCE, trans 1,2-DCE, and vinyl chloride in soil, groundwater, sub-slab vapor and indoor air. However, PCE was the only primary COC detected in the soil in excess of screening criteria.

2. Secondary COC include low levels of PAHs historically identified in onsite soils either related to fill materials and/or historical manufacturing activities.

These COC were included in the Qualitative Human Health Assessment (QHHEA) that was performed in accordance with NYSDOH protocol as detailed below. Though identified in excess of the PGWSCOs and CSCOs, lead (Pb), copper and PCBs in soil have not been included as COC due to the following reasons:

- Due to only one incidence of lead (Pb), PCB (Aroclor 1248) and copper detected in soil samples at a concentration greater than the PGWSCOs and CSCOs during the RI investigation, it is anticipated that these detections are anomalous and not representative of Site-wide conditions. The detections are below their respective ISCOs and due to their low mobility characteristics, the presence of these compounds are not anticipated to impact groundwater and migrate from the Building 7 BCP Site.

5.2 Chemical Properties of Contaminants of Concern

The physical properties of chemical compounds influence their behavior, fate and transport, and potential migration in the environment, therefore influencing potential pathways that may result in or lead to human and environmental exposure. The following information (derived from chemical compound summaries generated by the Agency for Toxic Substances and Disease Registry (ATSDR) provides general information on the physical properties of the COCs identified at the Site including chlorinated solvents and PAHs. These summaries provide general information of the behavior of the COCs in soil, groundwater and vapor/air that may influence the potential for exposure to receptors. The information below was used to evaluate if potential exposure pathways could exist in connection with the COCs identified at the Building 7 BCP Site. Potential exposure pathways are further described and form the basis of the QHHEA performed for the Building 7 BCP Site. The QHHEA was performed in accordance with the relevant NYSDOH QHHEA guidelines appended to DER-10.

Chlorinated Solvents:

Chlorinated solvents detected at the Building 7 BCP Site include PCE, TCE, cis-1,2-DCE, trans-1,2-DCE, and vinyl chloride. PCE, TCE and other solvents are typically used as degreasers in manufacturing and for dry cleaning purposes commercially. TCE, cis-1,2-DCE, trans-1,2-DCE, and vinyl chloride are considered breakdown or "daughter products" of PCE and TCE and can result from natural breakdown of PCE in soil and groundwater. PCE and TCE are both non-flammable liquids at room temperature and are characterized by their sweet odors. It is noted that historically, there were several degreasers at the Building 7 BCP Site that used chlorinated solvents including TCE.

Chlorinated solvents can enter the environment by evaporating in air during use. In the event of release to the environment, chlorinated solvents travel through soils and dissolve in groundwater. Where contaminated groundwater/soil is present, contaminated soil vapors can be emitted from the soil and groundwater and impact indoor air quality. Chlorinated solvents in soil and groundwater can degrade over time from parent compounds (PCE, TCE) to harmless end products (chloride, ethene); however more harmful daughter products (such as vinyl chloride) can be formed during the breakdown.

Polycyclic Aromatic Hydrocarbons (PAHs):

PAHs are a group of more than 100 chemicals that are formed during incomplete burning of coal, oil, gas, wood, garbage, or other organic substances. PAHs occur both naturally and are manufactured. As a pure chemical, PAHs generally are colorless, white, or pale yellow-green and have a faint, pleasant odor. PAHs have a variety of uses in manufacturing (medicines, dyes, plastics, pesticides, etc.), and are also found contained in asphalt used in road construction, crude oil, coal, coal tar pitch, creosote, and roofing tar. They are found throughout the environment, typically in air adhered to dust particles, and in soil. PAHs do not readily dissolve in ground and surface water. In surface water, PAHs will adsorb to suspended particles and settle to the bottoms of rivers or lakes.

5.3 Qualitative Human Health Exposure Assessment

A QHHEA is an evaluation of the potential for a complete pathway to exist by which human receptors may be exposed to the Building 7 BCP Site COCs. The QHHEA process is used as an initial screening tool to assess the potential that any COC identified at the Building 7 BCP Site could represent a current or potential future human health risk. This initial screening process is used to focus results of the RI on the Remedial Action program to mitigate human exposure and potential risk that may currently exist or which could exist in the future. The Building 7 BCP Site QHHEA has been completed in accordance with DER-10 requirements for human health exposure assessment with the following specific objectives for the Building 7 BCP Site:

- Qualitatively evaluate actual or potential exposures to Building 7 BCP Site COCs;
- Characterize the exposure setting, identify potential exposure pathways, and evaluate contaminant fate and transport;
- Derive a conclusion whether or not a complete exposure pathway could exist currently or be reasonably anticipated in the future whereby human contact to the medium which contains contaminants on the Building 7 BCP Site could potentially occur; and,
- If the QHHEA concludes that complete exposure pathways are potentially present, describe the nature of the population exposed, or potentially exposed, to contaminants that are present at the Building 7 BCP Site and provide recommendations on additional exposure analysis and/or for remedial actions appropriate to mitigate the exposure pathway.

  Or

  If the QHHEA concludes that complete exposure pathways do not currently exist or could reasonably exist in the future, further human health exposure assessment is not warranted.

In accordance with the QHHEA guidance, analysis of exposure pathways for each of the COC identified on the Building 7 BCP Site as are described above includes a positive determination that an exposure pathway is "complete" if all the following factors or conditions are identified:

1. Presence of a contaminant in a medium (soil, air, or water);
2. Receptor (i.e., a visitor, occupant or worker);
3. Transport mechanism (i.e. volatilization) within which the contaminant can migrate to the receptor; and
4. Route of exposure (i.e. inhalation) for the receptor.

The QHHEA for the Building 7 BCP Site is detailed on Table VII, which identifies the potential for exposure pathways that exist currently or that could reasonably exist in the future based on commercial

or industrial site use. For each media (soil, groundwater, soil vapor/air) on the Building 7 BCP Site, Table VII presents an assessment of whether COC are/could be present, the key fate and transport characteristics of these substances, the potential current and future human exposure/land use scenarios, and identification of exposure pathways. Pathway analysis is based on the assumed exposure scenarios as consistent with the relevant State and Federal guidelines as referenced above and as appropriate for the Building 7 BCP Site.

The current and reasonably anticipated exposure settings for the Building 7 BCP Site are based on inadvertent ingestion, adsorption or inhalation of COC to the extent these substances have been identified as being contained within soil, groundwater or air/vapor at the Building 7 BCP Site. Exposed populations include workers under the current Building 7 BCP Site use scenario, and workers and occupants in future commercial or industrial use of the Building 7 BCP Site. The future Building 7 BCP Site use scenario includes the assumption that the existing ground surface may be disturbed (e.g. buildings and pavement removed). The rationale for the Building 7 BCP Site exposure setting is further described on Table VII.

In summary, exposure pathways for soil and groundwater are currently incomplete at the Building 7 BCP Site because there are controls that mitigate the potential for exposure to any reasonably anticipated current site occupant. These controls are, in effect, comparable in scope to "engineering controls" as defined in the relevant regulations of 6 NYCRR Part 375-1 including a surface cap, access restriction/control and lack of use of groundwater that prevent the potential for exposure to the COCs. With respect to air/vapor, a complete exposure pathway to the COC currently exists within Building 7. The remedial technology and engineering/institutional control options to address this pathway will be evaluated as part of an Alternatives Analysis Report (AAR) for the Building 7 BCP Site.

Assessment of future conditions assume that yet to be defined activities may occur at the Building 7 BCP Site, which could involve the removal of the existing ground cover to accommodate new construction and/or result in groundwater extraction or use. Under this scenario, the QHHEA process concludes that exposure pathways to certain receptor populations could potentially become temporarily complete. There is no complete exposure pathway given that groundwater is not currently used; however, a pathway could become complete as a result of exposure to impacted groundwater via excavation activities. The remedial technology and engineering/institutional control options to address these potential future exposure pathways will be evaluated as part of an Alternatives Analysis Report (AAR) for the Building 7 BCP Site.

6. CONCLUSIONS & RECOMMENDATIONS

In accordance with the NYSDEC BCA for the Building 7 BCP Site, GMCH has undertaken this RI as a "participant" to investigate the nature and extent of contaminants. The RI included a comprehensive exploration and sampling program designed to characterize soil and groundwater across the Building 7 BCP Site and soil vapor intrusion within Building 7.

This Report provides the results of the RI and incorporates Previous Phase II investigation data and results in appendices. The RI has been completed consistent with the applicable NYSDEC 6 NYCRR Part 375 Regulations and related guidance documents (most notably the guidance criteria in NYSDEC DER-10), and the RIWP as approved by the NYSDEC in conjunction with the NYSDOH.

The information developed during the RI is adequate to be used to evaluate if remedial actions are warranted at the Building 7 BCP Site to be protective of human health and the environment. GMCH anticipates that future use of the Building 7 BCP Site will be limited to commercial and/or industrial uses.

6.1 Conclusions

Based on the previous Phase II investigations and this RI program, the following conclusions have been identified to meet the approved RIWP objectives and characterization requirements from the applicable regulatory and guidance documents described above:

- The nature and extent of soil, groundwater and soil vapor impacts at the Building 7 BCP Site has been determined from the information and data collected during the RI and the previous investigation activities completed at the GMCH facility since 2006.

- COCs at the Building 7 BCP Site consist of VOCs (PCE, TCE, trans-1,2-DCE, cis-1,2-DCE, and vinyl chloride) in soil, groundwater, soil vapor, and indoor air; and low levels of PAHs in soils.

- VOCs are currently impacting sub-slab vapor and indoor air within the Building 7 BCP Site buildings.

- Since the majority of the ground surface is currently covered by the building floor slabs and/or paving, there are no currently complete exposure pathways to the impacted groundwater and/or soils.

- PCE, SVOCs, PCBs (Aroclor 1248) and lead were detected in a few soil samples collected from within the Building 7 BCP Site. The limited number of detections indicates that soil is not significantly impacted within the Building 7 BCP Site.

- COC contaminated groundwater is present within the Building 7 BCP Site and migrating in an easterly direction. However, natural attenuation is occurring and reducing the COC contamination to non-detectable levels at the GMCH Facility down gradient property line. Therefore, off-site groundwater contamination does not appear to be a concern.

- Groundwater is not currently used at the Building 7 BCP Site for potable or industrial purposes, nor are such uses reasonably anticipated in the future.

The RI results and conclusions as summarized above provided the input necessary for the QHHEA for the Building 7 BCP Site that was prepared in accordance with applicable NYSDOH guidance. The QHHEA is used to determine whether any of the COCs identified at the Building 7 BCP Site could pose an existing or potential hazard to the exposed or potentially exposed populations.

Results of the QHHEA include:

- There are no complete human health exposure pathways identified at the Building 7 BCP Site under the current conditions with respect to soil and groundwater. Access to impacted soils is mitigated by the building foundations and pavement. There is no potential exposure to COC in groundwater as groundwater is not, nor is planned to be, used for any purpose.

- There is a complete exposure pathway for indoor air/ soil vapor within Building 7. This pathway will require an evaluation and implementation of appropriate remedial technologies and/or engineering/institutional controls as part of the remedial action program.

- Future complete exposure pathways from inadvertent ingestion, dermal absorption, and inhalation of a COCs could potentially exist to the extent that the building foundations/pavement are removed and the soil and groundwater, and subsequently vapors become exposed at the ground surface; or if groundwater that contain COCs is extracted in the future and used in a way that creates an exposure pathway. Appropriate remedial technologies and/or engineering/institutional controls for these potential future exposure pathways will be evaluated and implemented as part of the remedial program for the Building 7 BCP Site.

- Based on the RI results, remedial actions are warranted to mitigate the potential for complete human or environmental exposure pathways currently and in the future at the Building 7 BCP Site.

- The RI has produced a sufficient quantity and quality of data to support development of an Alternatives Analysis Report (AAR) and Remedial Action Work Plan (RAWP) as appropriate for current, intended, and reasonably anticipated future commercial or industrial use of the Building 7 BCP Site.

6.2 Recommendations

Consistent with the BCP, it is reasonable and appropriate to conclude that the potential future risk presented by exposure to COC can be addressed for the Building 7 BCP Site. Potential soil and groundwater remediation and/or engineering/institutional controls scenarios should be considered to reduce contamination levels, mitigate the potential for soil vapor intrusion at the Building 7 BCP Site, and reduce the potential for contaminated groundwater to infiltrate the on-site sewer system.

Therefore, consistent with Section II.A.2 of the BCA, GMCH will prepare and submit an Alternatives Analysis Report (AAR) for the Building 7 BCP Site to document the remedial alternative screening process, and a Remedial Action Work Plan (RAWP) as appropriate to detail the scope and implementation process for the Building 7 BCP Site remediation/mitigation activities, if warranted.

7. REFERENCES

1. "Revised Remedial Investigation Work Plan, GM Components Holdings, LLC, 200 Upper Mountain Road, Lockport, New York, Building 8 Site #932139" dated October 2010;

2. "GM Components Holdings, LLC, Brownfield Cleanup Program, Quality Assurance and Quality Control Plan, Building 7 (Site ID #C932138), Building 8 (Site ID #932139) and Building 10 (Site ID #C932140), Lockport Facility, 200 Upper Mountain Road, Lockport, New York" dated June 2010;

3. "Site Health and Safety Plan, GM Components Holdings, LLC, Brownfield Cleanup Program, Building 7 (Site ID #C932138), Building 8 (Site ID #932139) and Building 10 (Site ID #C932140), Lockport Facility, 200 Upper Mountain Road, Lockport, New York" dated April 20, 2010;

4. "Brownfield Cleanup Program, Citizen Participation Plans, GM Components Holdings, LLC, Building 7 Site ID #C932138, Building 8 Site ID #932139 and Building 10 Site ID #C932140, 200 Upper Mountain Road, City of Lockport, New York" dated June 2010;

5. "Technical Guidance for Site Investigation and Remediation", NYSDEC Division of Environmental Remediation DER-10, dated May 2010.

6. "Final Guidance for Evaluating Soil Vapor Intrusion in the State New York", New York State Department of Health (NYSDOH), dated October 2006.

7. "The Bouwer and Rice Slug Test - An Update", Bouwer, H. Groundwater Journal, Vol. 27., No.3, May-June 1989.

8. "Rock Fracture Spacings, Openings and Porosities", Snow, D., Journal of Soil Mechanics and Foundations Division, Proceedings of the American Society of Civil Engineers, January 1968.

9. "Rock Mechanics"; Jumikis, A. R.; Trans Tech Publications, 1983.

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Table I
Analytical Sample Summary Table
GMCH Lockport Facility
Building 7 BCP Site
Site #C932138

Location	Sample Identifier	Date Collected	Depth/ Interval (ft bgs)	Matrix	VOCs Method SW-846 8260B	SVOCs Method SW-846 8270C	PCBs Method SW-846 8081	Metals MethodSW-846 6010 7000 Series	EPA Method TO-15	Commets
SOIL SAMPLES										
7-SB-1	7-SB-1-122710-1220	12/27/10	1 to 2.5	Soil	X	X	X	X		
7-SB-2	7-SB-2-122710-1340	12/27/10	10 to 12	Soil	X	X	X	X		
7-SB-3	7-SB3-122910-1530	12/29/10	9.5 to 11.5	Soil	X	X	X	X		MS/MSD for SVOCs
7-SB-4	7-SB-4-122710-1015	12/27/10	12 to 13.5	Soil	X	X	X	X		
7-SB-4	DUP-122710-0001	12/27/10	12 to 13.5	Soil	X	X	X	X		Dup of 7-SB-4-122710-1015
7-SB-5	7-SB-5-122710-1115	12/27/10	8 to 10	Soil	X	X	X	X		
7-SB-6	7-SB-6-010411-0915	01/04/11	10 to 11.5	Soil	X	X	X	X		
7-SB-7	7-SB-7-010411-1315	01/04/11	8 to 10	Soil	X	X	X	X		
7-SB-8	7-SB-8-010411-1030	01/04/11	10 to 12.5	Soil	X	X	X	X		
S-SB-9	7-SB-9-010411-1350	01/04/11	2 to 4	Soil	X	X	X	X		
7-SB-10	7-SB-10-010411-1440	01/04/11	2 to 4	Soil	X	X	X	X		MS/MSD for VOCs, PCBs & Metals
7-SB-11	7-SB-11-010411-1215	01/04/11	8 to 10	Soil	X	X	X	X		
7-SB-12	7-SB-12-010411-1100	01/04/11	1 to 4	Soil	X	X	X	X		
MW-7-5	MW-7-5-010411-0815	01/04/11	8 to 10	Soil	X					
MW-7-6	MW-7-6-010411-0845	01/04/11	4 to 5.5	Soil	X					
MW-7-7	MW-7-7-122110-1150	12/21/10	4 to 6	Soil	X					
MW-7-8	MW-7-8-122210-1130	12/22/10	7 to 9	Soil	X					
QA/QC	EB-122910-0003	12/29/10	NA	Soil	X	X	X	X		Equipment Blank
GROUNDWATER SAMPLES										
MW-7-1	MW-7-1-042711-1235	04/27/11	NA	GW	X					
MW-7-2	MW-7-2-042711-1410	04/27/11	NA	GW	X					
MW-7-3	MW-7-3-042711-1049	04/27/11	NA	GW	X					
MW-7-4	MW-7-4-042711-1550	04/27/11	NA	GW	X					
MW-7-5	MW-7-5-042811-1040	04/28/11	NA	GW	X					
MW-7-5	DUP-042811-001	04/28/11	NA	GW	X					Dup of MW-7-5-042811-1040
MW-7-6	MW-7-6-042711-1500	04/27/11	NA	GW	X					MS/MSD
MW-7-7	MW-7-7-042811-1505	04/28/11	NA	GW	X					
MW-7-8	MW-7-8-042811-1035	04/28/11	NA	GW	X					
MW-7-A-6	MW-7-A-6-042811-1235	04/28/11	NA	GW	X					
MW-7-P-1	MW-7-P-1-042811-1340	04/28/11	NA	GW	X					
MW-7-C-2	MW-7-G2-042911-1610	04/29/11	NA	GW	X					
Rinse Blank	BLDG-7-RINSE-042911-1630	04/29/11	NA	GW	X					Rinse Blank
QA/QC	TRIP BLANK	04/27/11	NA	GW	X					Trip Blank
VAPOR INTRUSION AIR SAMPLES										
7-VI-1IA	7-VI-1IA-011811-0748	01/18/11	NA	Indoor Air					X	
7-VI-1IA	7-VI-DUP2-011811-0747	01/18/11	NA	Indoor Air					X	Dup of 7-VI-1IA-011811-0748
7-VI-1SS	7-VI-1SS-011811-0749	01/18/11	NA	Sub-slab					X	
7-VI-2IA	7-VI-2IA-011811-0744	01/18/11	NA	Indoor Air					X	
7-VI-2SS	7-VI-2SS-011811-0745	01/18/11	NA	Sub-slab					X	
7-VI-3IA	7-VI-3IA-011811-0918	01/18/11	NA	Indoor Air					X	
7-VI-3SS	7-VI-3SS-011811-0917	01/18/11	NA	Sub-slab					X	
7-VI-4IA	7-VI-4IA-011811-0759	01/18/11	NA	Indoor Air					X	
7-VI-4SS	7-VI-4SS-011811-0801	01/18/11	NA	Sub-slab					X	
7-VI-5IA	7-VI-5IA-011811-0805	01/18/11	NA	Indoor Air					X	
7-VI-5SS	7-VI-5SS-011811-0806	01/18/11	NA	Sub-slab					X	
7-VI-6IA	7-VI-6IA-011811-0808	01/18/11	NA	Indoor Air					X	
7-VI-6IA	7-VI-DUP-011811-0809	01/18/11	NA	Indoor Air					X	Dup of 7-VI-6IA-011811-0808
7-VI-6SS	7-VI-6SS-011811-0810	01/18/11	NA	Sub-slab					X	
7-VI-7IA	7-VI-7IA-011811-0813	01/18/11	NA	Indoor Air					X	
7-VI-7SS	7-VI-7SS-011811-0814	01/18/11	NA	Sub-slab					X	
7-VI-6IA	7-VI-6-IA-012011-0816	01/20/11	NA	Indoor Air					X	
7-VI-6SS	7-VI-6-SS-012011-0815	01/20/11	NA	Sub-slab					X	
7-VI-8IA	7-VI-8IA-011811-0816	01/18/11	NA	Indoor Air					X	
7-VI-8SS	7-VI-8SS-011811-0817	01/18/11	NA	Sub-slab					X	
7-VI-9IA	7-VI-9IA-011811-0819	01/18/11	NA	Indoor Air					X	
7-VI-9SS	7-VI-9SS-011811-0820	01/18/11	NA	Sub-slab					X	
7-VI-10IA	7-VI-10IA-011811-0823	01/18/11	NA	Indoor Air					X	
7-VI-10SS	7-VI-10SS-011811-0824	01/18/11	NA	Sub-slab					X	
7-VI-11IA	7-VI-11IA-011811-0826	01/18/11	NA	Indoor Air					X	
7-VI-11SS	7-VI-11SS-011811-0827	01/18/11	NA	Sub-slab					X	
7-VI-OUT	7-VI-OUT-011811-0730	01/18/11	NA	Outdoor Air					X	

Notes:
1. ft bgs = feet below ground surface
2. GW = groundwater
3. VOCs = Volatile Organic Compounds
4. SVOCs = Semi-Volatile Organic Compounds
5. PCBs = Polychlorinated Biphenyls
6. TO-15 = Toxic Organic Compounds in Air
7. MS/MSD = Matrix Spike/Matrix Spike Duplicate
8. NA = Non Applicable
9. QA/QC = Quality Assurence/Quality Control Sample
10. EB = Equipment Blank
11. Dup = Duplicate Sample

TABLE II
SOIL ANALYTICAL RESULTS - BUILDING 7
GMCH LOCKPORT FACILITY
LOCKPORT, NEW YORK
BCP SITE #C932138

BUILDING				Building 7	Building 7	Building 7	Building 7	Building 7	Building 7	Building 7	Building 7	Building 7	Building 7
LOCATION	Protection of	Restricted	Restricted	7-SB-1	7-SB-2	7-SB-3	7-SB-4	7-SB-4	7-SB-5	7-SB-6	7-SB-7	7-SB-8	7-SB-9
DATE	Groundwater	Commercial	Industrial	12/27/2010	12/27/2010	12/29/2010	12/27/2010	12/27/2010	12/27/2010	1/4/2011	1/4/2011	1/4/2011	1/4/2011
DEPTH	SCOs	SCOs	SCOs	1 - 2.5 ft BGS	10 - 12 ft BGS	9.5 - 11.5 ft BGS	12 - 13.5 ft BGS	12 - 13.5 ft BGS	8 - 10 ft BGS	10 - 11.5 ft BGS	8 - 10 ft BGS	10 - 12.5 ft BGS	2 - 4 ft BGS
SAMPLE TYPE	(PGWSCOs)	(CSCOs)	(ISCOs)	N	N	N	FD	N	N	N	N	N	N
Metals (mg/kg)													
Aluminum	-	-	-	**9640**	**5630**	**5040 J**	**9860**	**10100**	**13100**	**6700**	**5520**	**5140**	**15000**
Antimony	-	-	-	0.96 U	1.1 U	1.0 UJ	1.1 U	1.2 U	1.1 U	1.1 UJ	0.96 UJ	1.0 UJ	1.1 UJ
Arsenic	16	16	16	**3**	**2.7**	**2.8**	**3.1**	**4.4**	**3.9**	**3.3**	**2.2**	**2.9**	**5.3**
Barium	820	400	10000	**96.3**	**66.8**	**45.3 J**	**87**	**105**	**110**	**78.6**	**62.6**	**76.4**	**103**
Beryllium	47	590	2700	**1.1**	**0.41 J**	0.41 U	**0.66**	**0.65**	**0.88**	**0.41 J**	**0.35 J**	**0.34 J**	**0.77**
Cadmium	7.5	9.3	60	**0.079 J**	0.53 U	**0.16 J**	0.53 U	0.59 U	0.55 U	**0.29 J**	**0.51**	**0.20 J**	**0.39 J**
Calcium	-	-	-	**33600**	**44100**	**47200 J**	**32900**	**40200**	**14600**	**51400**	**69800**	**34100**	**4360**
Chromium	-	1500	6800	**11.5**	**9.3**	**7.6 J**	**16**	**15.9**	**19.9**	**10.8**	**7.3**	**8.1**	**21.4**
Cobalt	-	-	-	**5.1**	**6**	**5.5**	**6.7**	**8.7**	**9.7**	**6.7**	**5.3**	**6**	**9.9**
Copper	1720	270	10000	**34.9**	**13.7**	**16.8 J**	**14.2**	**15.9**	**19.5**	**20.5**	**16.5**	**20**	**19**
Iron	-	-	-	**14600**	**14100**	**11300 J**	**17700**	**21300**	**23100**	**16100**	**15500**	**12900**	**29200**
Lead	450	1000	3900	**6.9**	**3.6**	**3.8**	**5.1**	**6**	**6.8**	**4.4**	**4.4**	**4.6**	**5.6**
Magnesium	-	-	-	**3930**	**7030**	**7130 J**	**7330**	**9730**	**5700**	**12800**	**13500**	**5900**	**6270**
Manganese	2000	10000	10000	**1450**	**525**	**484 J**	**529**	**517**	**800**	**694**	**547**	**485**	**226**
Mercury	0.73	2.8	5.7	**0.015 J**	0.037 U	0.037 U	0.039 U	0.039 U	0.040 U	0.037 U	0.037 U	0.037 U	0.040 U
Nickel	130	310	10000	**11**	**12.2**	**12**	**15.9**	**19.8**	**24**	**13.3**	**9.1**	**11.6**	**25.6**
Potassium	-	-	-	**947**	**1110**	**976**	**1290**	**1710**	**1430**	**1330**	**1050**	**941**	**1730**
Selenium	4	1500	6800	0.48 U	0.53 U	0.51 U	0.53 U	0.59 U	0.55 U	0.55 U	0.48 U	0.50 U	0.56 U
Silver	8.3	1500	6800	**0.24 J**	**0.13 J**	0.51 U	**0.14 J**	**0.14 J**	**0.22 J**	**0.11 J**	**0.097 J**	**0.095 J**	0.56 U
Sodium	-	-	-	**192 J**	**55.6 J**	**114 J**	**143 J**	**129 J**	**66.6 J**	**190 J**	**621**	**171 J**	**217 J**
Thallium	-	-	-	0.96 U	1.1 U	1.0 U	1.1 U	1.2 U	1.1 U	1.1 U	0.96 U	1.0 U	1.1 U
Vanadium	-	-	-	**15.9**	**15**	**12.2 J**	**20.2**	**23.3**	**25.9**	**15.9**	**13.3**	**14.2**	**28.9**
Zinc	2480	10000	10000	**81.6**	**27.2**	**40.5 J**	**40.5 J**	**70.4 J**	**41.9**	**34.3 J**	**110 J**	**27.5 J**	**55.7 J**
PCBs (mg/kg)													
Aroclor-1016 (PCB-1016)	3.2	1	25	0.018 U	0.018 U	0.018 U	0.02 U	0.02 U	0.02 U	0.019 U	0.019 U	0.019 U	0.02 U
Aroclor-1221 (PCB-1221)	3.2	1	25	0.018 U	0.018 U	0.018 U	0.02 U	0.02 U	0.02 U	0.019 U	0.019 U	0.019 U	0.02 U
Aroclor-1232 (PCB-1232)	3.2	1	25	0.018 U	0.018 U	0.018 U	0.02 U	0.02 U	0.02 U	0.019 U	0.019 U	0.019 U	0.02 U
Aroclor-1242 (PCB-1242)	3.2	1	25	0.018 U	0.018 U	0.018 U	0.02 U	0.02 U	0.02 U	0.019 U	0.019 U	0.019 U	0.02 U
Aroclor-1248 (PCB-1248)	3.2	1	25	0.018 U	0.018 U	0.018 U	0.02 U	0.02 U	0.02 U	0.019 U	0.019 U	0.019 U	0.02 U
Aroclor-1254 (PCB-1254)	3.2	1	25	0.018 U	0.018 U	0.018 U	0.02 U	0.02 U	0.02 U	0.019 U	0.019 U	0.019 U	0.02 U
Aroclor-1260 (PCB-1260)	3.2	1	25	0.018 U	0.018 U	0.018 U	0.02 U	0.02 U	0.02 U	0.019 U	0.019 U	0.019 U	0.02 U
Semi-Volatile Organic Compounds (mg/kg)													
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	-	-	-	0.072 U	0.074 U	0.074 U	0.079 U	0.079 U	0.08 U	0.075 U	0.075 U	0.076 U	0.08 U
2,4,5-Trichlorophenol	0.1	-	-	0.36 U	0.37 U	0.37 U	0.39 U	0.39 U	0.39 U	0.37 U	0.37 U	0.37 U	0.4 U
2,4,6-Trichlorophenol	-	-	-	0.36 U	0.37 U	0.37 U	0.39 U	0.39 U	0.39 U	0.37 U	0.37 U	0.37 U	0.4 U
2,4-Dichlorophenol	0.4	-	-	0.072 U	0.074 U	0.074 U	0.079 U	0.079 U	0.08 U	0.075 U	0.075 U	0.076 U	0.08 U
2,4-Dimethylphenol	-	-	-	0.36 U	0.37 U	0.37 U	0.39 U	0.39 U	0.39 U	0.37 U	0.37 U	0.37 U	0.4 U
2,4-Dinitrophenol	0.2	-	-	1.8 U	1.9 U	1.9 U	2 U	2 U	2 U	1.9 U	1.9 U	1.9 U	2 U
2,4-Dinitrotoluene	-	-	-	0.36 U	0.37 U	0.37 U	0.39 U	0.39 U	0.39 U	0.37 U	0.37 U	0.37 U	0.4 U
2,6-Dinitrotoluene	0.17	-	-	0.36 U	0.37 U	0.37 U	0.39 U	0.39 U	0.39 U	0.37 U	0.37 U	0.37 U	0.4 U
2-Chloronaphthalene	-	-	-	0.072 U	0.074 U	0.074 U	0.079 U	0.079 U	0.08 U	0.075 U	0.075 U	0.076 U	0.08 U
2-Chlorophenol	-	-	-	0.36 U	0.37 U	0.37 U	0.39 U	0.39 U	0.39 U	0.37 U	0.37 U	0.37 U	0.4 U
2-Methylnaphthalene	36.4	-	-	0.072 U	0.074 U	0.074 U	0.079 U	0.079 U	0.08 U	0.075 U	0.075 U	0.076 U	0.08 U
2-Methylphenol	0.33	500	1000	0.36 U	0.37 U	0.37 U	0.39 U	0.39 U	0.39 U	0.37 U	0.37 U	0.37 U	0.4 U
2-Nitroaniline	0.4	-	-	1.8 U	1.9 U	1.9 U	2 U	2 U	2 U	1.9 U	1.9 U	1.9 U	2 U
2-Nitrophenol	0.3	-	-	0.36 U	0.37 U	0.37 U	0.39 U	0.39 U	0.39 U	0.37 U	0.37 U	0.37 U	0.4 U
3,3'-Dichlorobenzidine	-	-	-	0.36 U	0.37 U	0.37 U	0.39 U	0.39 U	0.39 U	0.37 U	0.37 U	0.37 U	0.4 U
3-Nitroaniline	0.5	-	-	1.8 U	1.9 U	1.9 U	2 U	2 U	2 U	1.9 U	1.9 U	1.9 U	2 U
4,6-Dinitro-2-methylphenol	-	-	-	1.8 U	1.9 U	1.9 U	2 U	2 U	2 U	1.9 U	1.9 U	1.9 U	2 U
4-Bromophenyl phenyl ether	-	-	-	0.36 U	0.37 U	0.37 U	0.39 U	0.39 U	0.39 U	0.37 U	0.37 U	0.37 U	0.4 U
4-Chloro-3-methylphenol	-	-	-	0.36 U	0.37 U	0.37 U	0.39 U	0.39 U	0.39 U	0.37 U	0.37 U	0.37 U	0.4 U
4-Chloroaniline	0.22	-	-	0.36 U	0.37 U	0.37 U	0.39 U	0.39 U	0.39 U	0.37 U	0.37 U	0.37 U	0.4 U
4-Chlorophenyl phenyl ether	-	-	-	0.36 U	0.37 U	0.37 U	0.39 U	0.39 U	0.39 U	0.37 U	0.37 U	0.37 U	0.4 U
4-Methylphenol	0.33	500	1000	0.36 U	0.37 U	0.37 U	0.39 U	0.39 U	0.39 U	0.37 U	0.37 U	0.37 U	0.4 U
4-Nitroaniline	-	-	-	1.8 U	1.9 U	1.9 U	2 U	2 U	2 U	1.9 U	1.9 U	1.9 U	2 U

TABLE II
SOIL ANALYTICAL RESULTS - BUILDING 7
GMCH LOCKPORT FACILITY
LOCKPORT, NEW YORK
BCP SITE #C932138

BUILDING				Building 7	Building 7	Building 7	Building 7	Building 7	Building 7	Building 7	Building 7	Building 7	Building 7
LOCATION	Protection of	Restricted	Restricted	7-SB-1	7-SB-2	7-SB-3	7-SB-4	7-SB-4	7-SB-5	7-SB-6	7-SB-7	7-SB-8	7-SB-9
DATE	Groundwater	Commercial	Industrial	12/27/2010	12/27/2010	12/29/2010	12/27/2010	12/27/2010	12/27/2010	1/4/2011	1/4/2011	1/4/2011	1/4/2011
DEPTH	SCOs	SCOs	SCOs	1 - 2.5 ft BGS	10 - 12 ft BGS	9.5 - 11.5 ft BGS	12 - 13.5 ft BGS	12 - 13.5 ft BGS	8 - 10 ft BGS	10 - 11.5 ft BGS	8 - 10 ft BGS	10 - 12.5 ft BGS	2 - 4 ft BGS
SAMPLE TYPE	(PGWSCOs)	(CSCOs)	(ISCOs)	N	N	N	FD	N	N	N	N	N	N
4-Nitrophenol	0.1	-	-	1.8 U	1.9 U	1.9 U	2 U	2 U	2 U	1.9 U	1.9 U	1.9 U	2 U
Acenaphthene	98	500	1000	0.072 U	0.074 U	0.074 U	0.079 U	0.079 U	0.08 U	0.075 U	0.075 U	0.076 U	0.08 U
Acenaphthylene	107	500	1000	0.072 U	0.074 U	0.074 U	0.079 U	0.079 U	0.08 U	0.075 U	0.075 U	0.076 U	0.08 U
Acetophenone	-	500	1000	0.36 U	0.37 U	0.37 U	0.39 U	0.39 U	0.39 U	0.37 U	0.37 U	0.37 U	0.4 U
Anthracene	1000	500	1000	**0.04 J**	0.074 U	0.074 U	0.079 U	0.079 U	0.08 U	0.075 U	0.075 U	0.076 U	0.08 U
Atrazine	-	-	-	0.36 U	0.37 U	0.37 U	0.39 U	0.39 U	0.39 U	0.37 U	0.37 U	0.37 U	0.4 U
Benzaldehyde	-	-	-	0.36 U	0.37 U	0.37 U	0.39 U	0.39 U	0.39 U	0.37 U	0.37 U	0.37 U	0.4 U
Benzo(a)anthracene	1	5.6	11	**0.11**	0.074 U	0.074 U	**0.028 J**	**0.02 J**	0.08 U	0.075 U	0.075 U	0.076 U	0.08 U
Benzo(a)pyrene	22	1	1.1	**0.09**	0.074 U	0.074 U	**0.024 J**	**0.02 J**	0.08 U	0.075 U	0.075 U	0.076 U	0.08 U
Benzo(b)fluoranthene	1.7	5.6	11	**0.14**	0.074 U	0.074 U	**0.035 J**	**0.031 J**	0.08 U	0.075 U	0.075 U	0.076 U	0.08 U
Benzo(g,h,i)perylene	1000	500	1000	**0.042 J**	0.074 U	0.074 U	0.079 U	0.079 U	0.08 U	0.075 U	0.075 U	0.076 U	0.08 U
Benzo(k)fluoranthene	1.7	56	110	0.072 U	0.074 U	0.074 U	0.079 U	0.079 U	0.08 U	0.075 U	0.075 U	0.076 U	0.08 U
Biphenyl (1,1-Biphenyl)	-	-	-	0.36 U	0.37 U	0.37 U	0.39 U	0.39 U	0.39 U	0.37 U	0.37 U	0.37 U	0.4 U
bis(2-Chloroethoxy)methane	-	-	-	0.36 U	0.37 U	0.37 U	0.39 U	0.39 U	0.39 U	0.37 U	0.37 U	0.37 U	0.4 U
bis(2-Chloroethyl)ether	-	-	-	0.072 U	0.074 U	0.074 U	0.079 U	0.079 U	0.08 U	0.075 U	0.075 U	0.076 U	0.08 U
bis(2-Ethylhexyl)phthalate (DEHP)	435	-	-	0.72 U	0.74 U	0.74 U	0.79 U	0.79 U	0.8 U	0.75 U	0.75 U	0.76 U	0.8 U
Butyl benzylphthalate (BBP)	122	-	-	0.36 U	0.37 U	0.37 U	0.39 U	0.39 U	0.39 U	0.37 U	0.37 U	0.37 U	0.4 U
Caprolactam	-	-	-	1.8 U	1.9 U	1.9 U	2 U	2 U	2 U	1.9 U	1.9 U	1.9 U	2 U
Carbazole	-	-	-	**0.012 J**	0.074 U	0.074 U	0.079 U	0.079 U	0.08 U	0.075 U	0.075 U	0.076 U	0.08 U
Chrysene	1	56	110	**0.084**	0.074 U	0.074 U	**0.026 J**	**0.019 J**	0.08 U	0.075 U	0.075 U	0.076 U	0.08 U
Dibenz(a,h)anthracene	1000	0.56	1.1	**0.011 J**	0.074 U	0.074 U	0.079 U	0.079 U	0.08 U	0.075 U	0.075 U	0.076 U	0.08 U
Dibenzofuran	6.2	500	1000	0.36 U	0.37 U	0.37 U	0.39 U	0.39 U	0.39 U	0.37 U	0.37 U	0.37 U	0.4 U
Diethyl phthalate	7.1	-	-	0.36 U	0.37 U	0.37 U	0.39 U	0.39 U	0.39 U	0.37 U	0.37 U	0.37 U	0.4 U
Dimethyl phthalate	27	-	-	0.36 U	0.37 U	0.37 U	0.39 U	0.39 U	0.39 U	0.37 U	0.37 U	0.37 U	0.4 U
Di-n-butylphthalate (DBP)	8.1	-	-	0.36 U	0.37 U	0.37 U	0.39 U	0.39 U	0.39 U	0.37 U	0.37 U	0.37 U	0.4 U
Di-n-octyl phthalate (DnOP)	120	-	-	0.36 U	0.37 U	0.37 U	0.39 U	0.39 U	0.39 U	0.37 U	0.37 U	0.37 U	0.4 U
Fluoranthene	1000	500	1000	**0.21**	0.074 U	0.074 U	**0.02 J**	**0.014 J**	0.08 U	0.075 U	0.075 U	0.076 U	0.08 U
Fluorene	386	500	1000	0.072 U	0.074 U	0.074 U	0.079 U	0.079 U	0.08 U	0.075 U	0.075 U	0.076 U	0.08 U
Hexachlorobenzene	1.4	6	12	0.072 U	0.074 U	0.074 U	0.079 U	0.079 U	0.08 U	0.075 U	0.075 U	0.076 U	0.08 U
Hexachlorobutadiene	-	-	-	0.072 U	0.074 U	0.074 U	0.079 U	0.079 U	0.08 U	0.075 U	0.075 U	0.076 U	0.08 U
Hexachlorocyclopentadiene	-	-	-	0.36 U	0.37 U	0.37 U	0.39 U	0.39 U	0.39 U	0.37 U	0.37 U	0.37 U	0.4 U
Hexachloroethane	-	-	-	0.36 U	0.37 U	0.37 U	0.39 U	0.39 U	0.39 U	0.37 U	0.37 U	0.37 U	0.4 U
Indeno(1,2,3-cd)pyrene	8.2	5.6	11	**0.042 J**	0.074 U	0.074 U	0.079 U	0.079 U	0.08 U	0.075 U	0.075 U	0.076 U	0.08 U
Isophorone	4.4	-	-	0.36 U	0.37 U	0.37 U	0.39 U	0.39 U	0.39 U	0.37 U	0.37 U	0.37 U	0.4 U
Naphthalene	12	500	1000	0.072 U	0.074 U	0.074 U	0.079 U	0.079 U	0.08 U	0.075 U	0.075 U	0.076 U	0.08 U
Nitrobenzene	0.17	69	140	0.72 U	0.74 U	0.74 U	0.79 U	0.79 U	0.8 U	0.75 U	0.75 U	0.76 U	0.8 U
N-Nitrosodi-n-propylamine	-	-	-	0.072 U	0.074 U	0.074 U	0.079 U	0.079 U	0.08 U	0.075 U	0.075 U	0.076 U	0.08 U
N-Nitrosodiphenylamine	-	-	-	0.36 U	0.37 U	0.37 U	0.39 U	0.39 U	0.39 U	0.37 U	0.37 U	0.37 U	0.4 U
Pentachlorophenol	0.8	6.7	55	0.36 U	0.37 U	0.37 U	0.39 U	0.39 U	0.39 U	0.37 U	0.37 U	0.37 U	0.4 U
Phenanthrene	1000	500	1000	**0.14**	0.074 U	0.074 U	0.079 U	0.079 U	0.08 U	0.075 U	0.075 U	0.076 U	0.08 U
Phenol	0.33	500	1000	0.072 U	0.074 U	0.074 U	0.079 U	0.079 U	0.08 U	0.075 U	0.075 U	0.076 U	0.08 U
Pyrene	1000	500	1000	**0.17**	0.074 U	0.074 U	**0.022 J**	**0.018 J**	0.08 U	0.075 U	0.075 U	0.076 U	0.08 U
Total Solids (%)													
Total solids	-	-	-	**92.9**	**89.4**	**90.4**	**84.5**	**84.4**	**83.1**	**89.8**	**88.8**	**88.1**	**82.7**
Volatile Organic Compounds (mg/kg)													
1,1,1-Trichloroethane	0.68	500	1000	0.0054 U	0.0056 U	0.0055 U	0.0059 U	0.0059 U	0.006 U	0.0056 U	0.0056 U	0.28 U	0.006 U
1,1,2,2-Tetrachloroethane	0.6	-	-	0.0054 U	0.0056 U	0.0055 U	0.0059 U	0.0059 U	0.006 U	0.0056 U	0.0056 U	0.28 U	0.006 U
1,1,2-Trichloroethane	-	-	-	0.0054 U	0.0056 U	0.0055 U	0.0059 U	0.0059 U	0.006 U	0.0056 U	0.0056 U	0.28 U	0.006 U
1,1-Dichloroethane	0.27	240	480	0.0054 U	0.0056 U	0.0055 U	0.0059 U	0.0059 U	0.006 U	0.0056 U	0.0056 U	0.28 U	0.006 U
1,1-Dichloroethene	0.33	500	1000	0.0054 U	0.0056 U	0.0055 U	0.0059 U	0.0059 U	0.006 U	0.0056 U	0.0056 U	0.28 U	0.006 U
1,2,4-Trichlorobenzene	3.4	-	-	0.0054 U	0.0056 U	0.0055 U	0.0059 U	0.0059 U	0.006 U	0.0056 U	0.0056 U	0.28 U	0.006 U
1,2-Dibromo-3-chloropropane (DBCP)	-	-	-	0.0054 U	0.0056 U	0.0055 U	0.0059 U	0.0059 U	0.006 U	0.0056 U	0.0056 U	0.28 UJ	0.006 U
1,2-Dibromoethane (Ethylene dibromide)	-	-	-	0.0054 U	0.0056 U	0.0055 U	0.0059 U	0.0059 U	0.006 U	0.0056 U	0.0056 U	0.28 U	0.006 U
1,2-Dichlorobenzene	1.1	500	1000	0.0054 U	0.0056 U	0.0055 U	0.0059 U	0.0059 U	0.006 U	0.0056 U	0.0056 U	0.28 U	0.006 U
1,2-Dichloroethane	0.02	30	60	0.0054 U	0.0056 U	0.0055 U	0.0059 U	0.0059 U	0.006 U	0.0056 U	0.0056 U	0.28 U	0.006 U
1,2-Dichloroethene (total)	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE II
SOIL ANALYTICAL RESULTS - BUILDING 7
GMCH LOCKPORT FACILITY
LOCKPORT, NEW YORK
BCP SITE #C932138

BUILDING				Building 7	Building 7	Building 7	Building 7	Building 7	Building 7	Building 7	Building 7	Building 7	Building 7
LOCATION	Protection of	Restricted	Restricted	7-SB-1	7-SB-2	7-SB-3	7-SB-4	7-SB-4	7-SB-5	7-SB-6	7-SB-7	7-SB-8	7-SB-9
DATE	Groundwater	Commercial	Industrial	12/27/2010	12/27/2010	12/29/2010	12/27/2010	12/27/2010	12/27/2010	1/4/2011	1/4/2011	1/4/2011	1/4/2011
DEPTH	SCOs	SCOs	SCOs	1 - 2.5 ft BGS	10 - 12 ft BGS	9.5 - 11.5 ft BGS	12 - 13.5 ft BGS	12 - 13.5 ft BGS	8 - 10 ft BGS	10 - 11.5 ft BGS	8 - 10 ft BGS	10 - 12.5 ft BGS	2 - 4 ft BGS
SAMPLE TYPE	(PGWSCOs)	(CSCOs)	(ISCOs)	N	N	N	FD	N	N	N	N	N	N
1,2-Dichloropropane	-	-	-	0.0054 U	0.0056 U	0.0055 U	0.0059 U	0.0059 U	0.006 U	0.0056 U	0.0056 U	0.28 U	0.006 U
1,3-Dichlorobenzene	2.4	280	560	0.0054 U	0.0056 U	0.0055 U	0.0059 U	0.0059 U	0.006 U	0.0056 U	0.0056 U	0.28 U	0.006 U
1,4-Dichlorobenzene	1.8	130	250	0.0054 U	0.0056 U	0.0055 U	0.0059 U	0.0059 U	0.006 U	0.0056 U	0.0056 U	0.28 U	0.006 U
2-Butanone (Methyl ethyl ketone) (MEK)	0.3	500	1000	0.0054 U	0.0056 U	0.0055 U	0.0059 U	0.0059 U	0.006 U	0.0056 U	**0.0076**	0.28 UJ	0.006 U
2-Hexanone	-	-	-	0.0054 U	0.0056 U	0.0055 U	0.0059 U	0.0059 U	0.006 U	0.0056 U	0.0056 U	0.28 UJ	0.006 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	1	-	-	0.0054 U	0.0056 U	0.0055 U	0.0059 U	0.0059 U	0.006 U	0.0056 U	0.0056 U	0.28 UJ	0.006 U
Acetone	0.05	500	1000	0.022 U	0.022 U	0.022 U	0.024 U	0.024 U	0.024 U	0.022 U	**0.029**	1.1 UJ	0.024 U
Benzene	0.06	44	89	0.0054 U	0.0056 U	0.0055 U	0.0059 U	0.0059 U	0.006 U	0.0056 U	0.0056 U	0.28 U	0.006 U
Bromodichloromethane	-	-	-	0.0054 U	0.0056 U	0.0055 U	0.0059 U	0.0059 U	0.006 U	0.0056 U	0.0056 U	0.28 U	0.006 U
Bromoform	-	-	-	0.0054 U	0.0056 U	0.0055 U	0.0059 U	0.0059 U	0.006 U	0.0056 U	0.0056 U	0.28 U	0.006 U
Bromomethane (Methyl bromide)	-	-	-	0.0054 U	0.0056 U	0.0055 U	0.0059 U	0.0059 U	0.006 U	0.0056 U	0.0056 U	0.28 U	0.006 U
Carbon disulfide	2.7	-	-	**0.00096 J**	0.0056 U	0.0055 UJ	0.0059 U	0.0059 U	0.006 U	0.0056 U	0.0056 U	0.28 U	0.006 U
Carbon tetrachloride	0.76	22	44	0.0054 U	0.0056 U	0.0055 U	0.0059 U	0.0059 U	0.006 U	0.0056 U	0.0056 U	0.28 U	0.006 U
Chlorobenzene	1.1	500	1000	0.0054 U	0.0056 U	0.0055 U	0.0059 U	0.0059 U	0.006 U	0.0056 U	0.0056 U	0.28 U	0.006 U
Chloroethane	1.9	350	700	0.0054 U	0.0056 U	0.0055 U	0.0059 U	0.0059 U	0.006 U	0.0056 U	0.0056 U	0.28 UJ	0.006 U
Chloroform (Trichloromethane)	0.37	-	-	0.0054 U	0.0056 U	0.0055 U	0.0059 U	0.0059 U	0.006 U	0.0056 U	0.0056 U	0.28 U	0.006 U
Chloromethane (Methyl chloride)	-	-	-	0.0054 U	0.0056 U	0.0055 U	0.0059 U	0.0059 U	0.006 U	0.0056 U	0.0056 U	0.28 UJ	0.006 U
cis-1,2-Dichloroethene	0.25	500	1000	**0.0039 J**	**0.0088**	**0.043**	**0.001 J**	**0.0079**	**0.0029 J**	0.0056 U	0.0056 U	0.28 U	**0.0067**
cis-1,3-Dichloropropene	-	-	-	0.0054 U	0.0056 U	0.0055 U	0.0059 U	0.0059 U	0.006 U	0.0056 U	0.0056 U	0.28 U	0.006 U
Cyclohexane	-	-	-	0.0054 U	0.0056 U	0.0055 U	0.0059 U	0.0059 U	0.006 U	0.0056 U	0.0056 U	0.28 U	0.006 U
Dibromochloromethane	-	-	-	0.0054 U	0.0056 U	0.0055 U	0.0059 U	0.0059 U	0.006 U	0.0056 U	0.0056 U	0.28 U	0.006 U
Dichlorodifluoromethane (CFC-12)	-	-	-	0.0054 U	0.0056 U	0.0055 U	0.0059 U	0.0059 U	0.006 U	0.0056 U	0.0056 U	0.28 UJ	0.006 U
Ethylbenzene	1	390	780	0.0054 U	0.0056 U	0.0055 U	0.0059 U	0.0059 U	0.006 U	0.0056 U	0.0056 U	**0.16 J**	0.006 U
Isopropyl benzene	2.3	-	-	0.0054 U	0.0056 U	0.0055 U	0.0059 U	0.0059 U	0.006 U	0.0056 U	0.0056 U	**0.087 J**	0.006 U
Methyl acetate	-	-	-	0.0054 U	0.0056 U	0.0055 U	0.0059 U	0.0059 U	0.006 U	0.0056 U	0.0056 U	0.28 UJ	0.006 U
Methyl cyclohexane	-	-	-	0.0054 U	0.0056 U	0.0055 U	0.0059 U	0.0059 U	0.006 U	0.0056 U	0.0056 U	**0.1 J**	0.006 U
Methyl tert butyl ether (MTBE)	0.93	500	1000	0.0054 U	0.0056 U	0.0055 U	0.0059 U	0.0059 U	0.006 U	0.0056 U	0.0056 U	0.28 U	0.006 U
Methylene chloride	0.05	500	1000	0.0054 U	0.0056 U	0.0055 U	0.0059 U	0.0059 U	0.006 U	0.0056 U	0.0056 U	0.28 U	0.006 U
Styrene	-	-	-	0.0054 U	0.0056 U	0.0055 U	0.0059 U	0.0059 U	0.006 U	0.0056 U	0.0056 U	0.28 U	0.006 U
Tetrachloroethene	1.3	150	300	**0.00082 J**	0.0056 U	**0.0022 J**	**0.0044 J**	**0.0027 J**	**0.0068**	0.0056 U	0.0056 U	**0.39**	0.006 U
Toluene	0.7	500	1000	0.0054 U	0.0056 U	0.0055 U	0.0059 U	0.0059 U	0.006 U	0.0056 U	0.0056 U	0.28 U	0.006 U
trans-1,2-Dichloroethene	0.19	500	1000	0.0054 U	0.0056 U	0.0055 U	0.0059 U	0.0059 U	0.006 U	0.0056 U	0.0056 U	0.28 U	0.006 U
trans-1,3-Dichloropropene	-	-	-	0.0054 U	0.0056 U	0.0055 U	0.0059 U	0.0059 U	0.006 U	0.0056 U	0.0056 U	0.28 U	0.006 U
Trichloroethene	0.47	200	400	0.0054 U	**0.00085 J**	**0.002 J**	0.0059 U	**0.001 J**	0.006 U	0.0056 U	0.0056 U	0.28 U	0.006 U
Trichlorofluoromethane (CFC-11)	-	-	-	0.0054 U	0.0056 U	0.0055 U	0.0059 U	0.0059 U	0.006 U	0.0056 U	0.0056 U	0.28 UJ	0.006 U
Trifluorotrichloroethane (Freon 113)	6	-	-	0.0054 U	0.0056 U	0.0055 U	0.0059 U	0.0059 U	0.006 U	0.0056 U	0.0056 U	0.28 U	0.006 U
Vinyl chloride	0.02	13	27	0.0054 U	**0.0011 J**	0.0055 U	0.0059 U	0.0059 U	0.006 U	0.0056 U	0.0056 U	0.28 U	0.006 U
Xylenes (total)	1.6	500	1000	0.016 U	0.017 U	0.017 U	0.018 U	0.018 U	0.018 U	0.017 U	0.017 U	0.85 U	0.018 U

Notes and Abbreviations:

1. Results shown in red exceed the following criteria:
   [A]: Protection of Groundwater Criteria
   [B]: Restricted Commercial Criteria
   [C]: Restricted Industrial Criteria
2. Results shown in **bold** were detected.
3. U - Results not detected above shown reporting limit.
   J - Estimated result
4. Sample Types: N - Normal Sample, FD- Field Duplicate
5. Data compared to the NYSDEC Soil Cleanup Objectives (NYCRR Part 375)
6. The SCOs for trivalent chromium were used as the criteria for total chromium data.

TABLE II
SOIL ANALYTICAL RESULTS - BUILDING 7
GMCH LOCKPORT FACILITY
LOCKPORT, NEW YORK
BCP SITE #C932138

BUILDING				Building 7	Building 7	Building 7	Building 7	Building 7	Building 7	Building 7
LOCATION	Protection of	Restricted	Restricted	7-SB-10	7-SB-11	7-SB-12	MW-7-5	MW-7-6	MW-7-7	MW-7-8
DATE	Groundwater	Commercial	Industrial	1/4/2011	1/4/2011	1/4/2011	1/4/2011	1/4/2011	12/21/2010	12/22/2010
DEPTH	SCOs	SCOs	SCOs	2 - 4 ft BGS	8 - 10 ft BGS	1 - 4 ft BGS	8 - 10.5 ft BGS	4 - 5.5 ft BGS	4 - 6 ft BGS	7 - 9 ft BGS
SAMPLE TYPE	(PGWSCOs)	(CSCOs)	(ISCOs)	N	N	N	N	N	N	N
Metals (mg/kg)										
Aluminum	-	-	-	**13600**	**6680**	**10600**	-	-	-	-
Antimony	-	-	-	1.2 UJ	1.1 UJ	**0.95 J**	-	-	-	-
Arsenic	16	16	16	**14.3**	**2.4**	**3.8**	-	-	-	-
Barium	820	400	10000	**99.1**	**58.7**	**69.8**	-	-	-	-
Beryllium	47	590	2700	**0.57**	**0.49**	**0.65**	-	-	-	-
Cadmium	7.5	9.3	60	**1.2**	**0.40 J**	**0.53 J**	-	-	-	-
Calcium	-	-	-	**2850**	**44200**	**37000**	-	-	-	-
Chromium	-	1500	6800	**28.9**	**10.2**	**43.9**	-	-	-	-
Cobalt	-	-	-	**9.7**	**6.7**	**7.2**	-	-	-	-
Copper	1720	270	10000	**121**	**16.4**	**98.2**	-	-	-	-
Iron	-	-	-	**21000**	**14100**	**18400**	-	-	-	-
Lead	450	1000	3900	**41.3**	**4.8**	**1620** [AB]	-	-	-	-
Magnesium	-	-	-	**3720**	**7470**	**10300**	-	-	-	-
Manganese	2000	10000	10000	**303**	**506**	**580**	-	-	-	-
Mercury	0.73	2.8	5.7	**0.034 J**	0.038 U	**0.073**	-	-	-	-
Nickel	130	310	10000	**20.3**	**12.9**	**32.3**	-	-	-	-
Potassium	-	-	-	**1490**	**1000**	**1320**	-	-	-	-
Selenium	4	1500	6800	**0.87**	0.53 U	0.56 U	-	-	-	-
Silver	8.3	1500	6800	**0.11 J**	**0.080 J**	**0.66**	-	-	-	-
Sodium	-	-	-	**114 J**	**110 J**	**1510**	-	-	-	-
Thallium	-	-	-	1.2 U	1.1 U	1.1 U	-	-	-	-
Vanadium	-	-	-	**33.9**	**17**	**21.4**	-	-	-	-
Zinc	2480	10000	10000	**54.7 J**	**138 J**	**93.0 J**	-	-	-	-
PCBs (mg/kg)										
Aroclor-1016 (PCB-1016)	3.2	1	25	0.02 U	0.019 U	0.02 U	-	-	-	-
Aroclor-1221 (PCB-1221)	3.2	1	25	0.02 U	0.019 U	0.02 U	-	-	-	-
Aroclor-1232 (PCB-1232)	3.2	1	25	0.02 U	0.019 U	0.02 U	-	-	-	-
Aroclor-1242 (PCB-1242)	3.2	1	25	0.02 U	0.019 U	0.02 U	-	-	-	-
Aroclor-1248 (PCB-1248)	3.2	1	25	0.02 U	0.019 U	0.02 U	-	-	-	-
Aroclor-1254 (PCB-1254)	3.2	1	25	0.02 U	0.019 U	0.02 U	-	-	-	-
Aroclor-1260 (PCB-1260)	3.2	1	25	0.02 U	0.019 U	0.02 U	-	-	-	-
Semi-Volatile Organic Compounds (mg/kg)										
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	-	-	-	0.082 U	0.077 U	0.082 U	-	-	-	-
2,4,5-Trichlorophenol	0.1	-	-	0.41 U	0.38 U	0.41 U	-	-	-	-
2,4,6-Trichlorophenol	-	-	-	0.41 U	0.38 U	0.41 U	-	-	-	-
2,4-Dichlorophenol	0.4	-	-	0.082 U	0.077 U	0.082 U	-	-	-	-
2,4-Dimethylphenol	-	-	-	0.41 U	0.38 U	0.41 U	-	-	-	-
2,4-Dinitrophenol	0.2	-	-	2.1 U	1.9 U	2.1 U	-	-	-	-
2,4-Dinitrotoluene	-	-	-	0.41 U	0.38 U	**0.24 J**	-	-	-	-
2,6-Dinitrotoluene	0.17	-	-	0.41 U	0.38 U	0.41 U	-	-	-	-
2-Chloronaphthalene	-	-	-	0.082 U	0.077 U	0.082 U	-	-	-	-
2-Chlorophenol	-	-	-	0.41 U	0.38 U	0.41 U	-	-	-	-
2-Methylnaphthalene	36.4	-	-	**0.045 J**	0.077 U	**0.034 J**	-	-	-	-
2-Methylphenol	0.33	500	1000	0.41 U	0.38 U	0.41 U	-	-	-	-
2-Nitroaniline	0.4	-	-	2.1 U	1.9 U	2.1 U	-	-	-	-
2-Nitrophenol	0.3	-	-	0.41 U	0.38 U	0.41 U	-	-	-	-
3,3'-Dichlorobenzidine	-	-	-	0.41 U	0.38 U	0.41 U	-	-	-	-
3-Nitroaniline	0.5	-	-	2.1 U	1.9 U	2.1 U	-	-	-	-
4,6-Dinitro-2-methylphenol	-	-	-	2.1 U	1.9 U	2.1 U	-	-	-	-
4-Bromophenyl phenyl ether	-	-	-	0.41 U	0.38 U	0.41 U	-	-	-	-
4-Chloro-3-methylphenol	-	-	-	0.41 U	0.38 U	0.41 U	-	-	-	-
4-Chloroaniline	0.22	-	-	0.41 U	0.38 U	0.41 U	-	-	-	-
4-Chlorophenyl phenyl ether	-	-	-	0.41 U	0.38 U	0.41 U	-	-	-	-
4-Methylphenol	0.33	500	1000	0.41 U	0.38 U	0.41 U	-	-	-	-
4-Nitroaniline	-	-	-	2.1 U	1.9 U	2.1 U	-	-	-	-

TABLE II
SOIL ANALYTICAL RESULTS - BUILDING 7
GMCH LOCKPORT FACILITY
LOCKPORT, NEW YORK
BCP SITE #C932138

BUILDING				Building 7	Building 7	Building 7	Building 7	Building 7	Building 7	Building 7
LOCATION	Protection of	Restricted	Restricted	7-SB-10	7-SB-11	7-SB-12	MW-7-5	MW-7-6	MW-7-7	MW-7-8
DATE	Groundwater	Commercial	Industrial	1/4/2011	1/4/2011	1/4/2011	1/4/2011	1/4/2011	12/21/2010	12/22/2010
DEPTH	SCOs	SCOs	SCOs	2 - 4 ft BGS	8 - 10 ft BGS	1 - 4 ft BGS	8 - 10.5 ft BGS	4 - 5.5 ft BGS	4 - 6 ft BGS	7 - 9 ft BGS
SAMPLE TYPE	(PGWSCOs)	(CSCOs)	(ISCOs)	N	N	N	N	N	N	N
4-Nitrophenol	0.1	-	-	2.1 U	1.9 U	2.1 U	-	-	-	-
Acenaphthene	98	500	1000	0.082 U	0.077 U	0.082 U	-	-	-	-
Acenaphthylene	107	500	1000	0.082 U	0.077 U	0.082 U	-	-	-	-
Acetophenone	-	500	1000	0.41 U	0.38 U	0.41 U	-	-	-	-
Anthracene	1000	500	1000	0.082 U	0.077 U	**0.018 J**	-	-	-	-
Atrazine	-	-	-	0.41 U	0.38 U	0.41 U	-	-	-	-
Benzaldehyde	-	-	-	0.41 U	0.38 U	0.41 U	-	-	-	-
Benzo(a)anthracene	1	5.6	11	**0.028 J**	0.077 U	**0.095**	-	-	-	-
Benzo(a)pyrene	22	1	1.1	**0.03 J**	0.077 U	**0.087**	-	-	-	-
Benzo(b)fluoranthene	1.7	5.6	11	**0.049 J**	0.077 U	**0.14**	-	-	-	-
Benzo(g,h,i)perylene	1000	500	1000	0.082 U	0.077 U	**0.063 J**	-	-	-	-
Benzo(k)fluoranthene	1.7	56	110	0.082 U	0.077 U	0.082 U	-	-	-	-
Biphenyl (1,1-Biphenyl)	-	-	-	0.41 U	0.38 U	0.41 U	-	-	-	-
bis(2-Chloroethoxy)methane	-	-	-	0.41 U	0.38 U	0.41 U	-	-	-	-
bis(2-Chloroethyl)ether	-	-	-	0.082 U	0.077 U	0.082 U	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	435	-	-	0.82 U	0.77 U	0.82 U	-	-	-	-
Butyl benzylphthalate (BBP)	122	-	-	0.41 U	0.38 U	0.41 U	-	-	-	-
Caprolactam	-	-	-	2.1 U	1.9 U	2.1 U	-	-	-	-
Carbazole	-	-	-	0.082 U	0.077 U	0.082 U	-	-	-	-
Chrysene	1	56	110	**0.03 J**	0.077 U	**0.09**	-	-	-	-
Dibenz(a,h)anthracene	1000	0.56	1.1	0.082 U	0.077 U	**0.016 J**	-	-	-	-
Dibenzofuran	6.2	500	1000	0.41 U	0.38 U	0.41 U	-	-	-	-
Diethyl phthalate	7.1	-	-	0.41 U	0.38 U	0.41 U	-	-	-	-
Dimethyl phthalate	27	-	-	0.41 U	0.38 U	0.41 U	-	-	-	-
Di-n-butylphthalate (DBP)	8.1	-	-	0.41 U	0.38 U	0.41 U	-	-	-	-
Di-n-octyl phthalate (DnOP)	120	-	-	0.41 U	0.38 U	0.41 U	-	-	-	-
Fluoranthene	1000	500	1000	**0.039 J**	0.077 U	**0.14**	-	-	-	-
Fluorene	386	500	1000	0.082 U	0.077 U	0.082 U	-	-	-	-
Hexachlorobenzene	1.4	6	12	0.082 U	0.077 U	0.082 U	-	-	-	-
Hexachlorobutadiene	-	-	-	0.082 U	0.077 U	0.082 U	-	-	-	-
Hexachlorocyclopentadiene	-	-	-	0.41 U	0.38 U	0.41 U	-	-	-	-
Hexachloroethane	-	-	-	0.41 U	0.38 U	0.41 U	-	-	-	-
Indeno(1,2,3-cd)pyrene	8.2	5.6	11	0.082 U	0.077 U	**0.051 J**	-	-	-	-
Isophorone	4.4	-	-	0.41 U	0.38 U	0.41 U	-	-	-	-
Naphthalene	12	500	1000	**0.035 J**	0.077 U	**0.025 J**	-	-	-	-
Nitrobenzene	0.17	69	140	0.82 U	0.77 U	0.82 U	-	-	-	-
N-Nitrosodi-n-propylamine	-	-	-	0.082 U	0.077 U	0.082 U	-	-	-	-
N-Nitrosodiphenylamine	-	-	-	0.41 U	0.38 U	0.41 U	-	-	-	-
Pentachlorophenol	0.8	6.7	55	0.41 U	0.38 U	0.41 U	-	-	-	-
Phenanthrene	1000	500	1000	**0.037 J**	0.077 U	**0.095**	-	-	-	-
Phenol	0.33	500	1000	0.082 U	0.077 U	0.082 U	-	-	-	-
Pyrene	1000	500	1000	**0.034 J**	0.077 U	**0.13**	-	-	-	-
Total Solids (%)										
Total solids	-	-	-	**81.3**	**86.6**	**81.5**	**86.3**	**90.6**	**90.8**	**91**
Volatile Organic Compounds (mg/kg)										
1,1,1-Trichloroethane	0.68	500	1000	0.0061 U	0.0058 U	0.0061 U	0.0058 U	0.0055 U	0.0055 U	0.0055 U
1,1,2,2-Tetrachloroethane	0.6	-	-	0.0061 U	0.0058 U	0.0061 U	0.0058 U	0.0055 U	0.0055 U	0.0055 U
1,1,2-Trichloroethane	-	-	-	0.0061 U	0.0058 U	0.0061 U	0.0058 U	0.0055 U	0.0055 U	0.0055 U
1,1-Dichloroethane	0.27	240	480	0.0061 U	0.0058 U	0.0061 U	0.0058 U	0.0055 U	0.0055 U	0.0055 U
1,1-Dichloroethene	0.33	500	1000	0.0061 U	0.0058 U	0.0061 U	0.0058 U	0.0055 U	0.0055 U	0.0055 U
1,2,4-Trichlorobenzene	3.4	-	-	0.0061 U	0.0058 U	0.0061 U	0.0058 U	0.0055 U	0.0055 U	0.0055 U
1,2-Dibromo-3-chloropropane (DBCP)	-	-	-	0.0061 U	0.0058 U	0.0061 U	0.0058 U	0.0055 U	0.0055 U	0.0055 U
1,2-Dibromoethane (Ethylene dibromide)	-	-	-	0.0061 U	0.0058 U	0.0061 U	0.0058 U	0.0055 U	0.0055 U	0.0055 U
1,2-Dichlorobenzene	1.1	500	1000	0.0061 U	0.0058 U	0.0061 U	0.0058 U	0.0055 U	0.0055 U	0.0055 U
1,2-Dichloroethane	0.02	30	60	0.0061 U	0.0058 U	0.0061 U	0.0058 U	0.0055 U	0.0055 U	0.0055 U
1,2-Dichloroethene (total)	-	-	-	-	-	-	-	-	-	-

TABLE II
SOIL ANALYTICAL RESULTS - BUILDING 7
GMCH LOCKPORT FACILITY
LOCKPORT, NEW YORK
BCP SITE #C932138

BUILDING				Building 7	Building 7	Building 7	Building 7	Building 7	Building 7	Building 7
LOCATION	Protection of	Restricted	Restricted	7-SB-10	7-SB-11	7-SB-12	MW-7-5	MW-7-6	MW-7-7	MW-7-8
DATE	Groundwater	Commercial	Industrial	1/4/2011	1/4/2011	1/4/2011	1/4/2011	1/4/2011	12/21/2010	12/22/2010
DEPTH	SCOs	SCOs	SCOs	2 - 4 ft BGS	8 - 10 ft BGS	1 - 4 ft BGS	8 - 10.5 ft BGS	4 - 5.5 ft BGS	4 - 6 ft BGS	7 - 9 ft BGS
SAMPLE TYPE	(PGWSCOs)	(CSCOs)	(ISCOs)	N	N	N	N	N	N	N
1,2-Dichloropropane	-	-	-	0.0061 U	0.0058 U	0.0061 U	0.0058 U	0.0055 U	0.0055 U	0.0055 U
1,3-Dichlorobenzene	2.4	280	560	0.0061 U	0.0058 U	0.0061 U	0.0058 U	0.0055 U	0.0055 U	0.0055 U
1,4-Dichlorobenzene	1.8	130	250	0.0061 U	0.0058 U	0.0061 U	0.0058 U	0.0055 U	0.0055 U	0.0055 U
2-Butanone (Methyl ethyl ketone) (MEK)	0.3	500	1000	**0.0069**	0.0058 U	0.0061 U	0.0058 U	0.0055 U	0.0055 U	0.0055 U
2-Hexanone	-	-	-	0.0061 U	0.0058 U	0.0061 U	0.0058 U	0.0055 U	0.0055 U	0.0055 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	1	-	-	0.0061 U	0.0058 U	0.0061 U	0.0058 U	0.0055 U	0.0055 U	0.0055 U
Acetone	0.05	500	1000	**0.023 J**	0.023 U	**0.0064 J**	0.023 U	0.022 U	0.022 U	0.022 U
Benzene	0.06	44	89	0.0061 U	0.0058 U	0.0061 U	0.0058 U	0.0055 U	0.0055 U	0.0055 U
Bromodichloromethane	-	-	-	0.0061 U	0.0058 U	0.0061 U	0.0058 U	0.0055 U	0.0055 U	0.0055 U
Bromoform	-	-	-	0.0061 U	0.0058 U	0.0061 U	0.0058 U	0.0055 U	0.0055 U	0.0055 U
Bromomethane (Methyl bromide)	-	-	-	0.0061 U	0.0058 U	0.0061 U	0.0058 U	0.0055 U	0.0055 U	0.0055 U
Carbon disulfide	2.7	-	-	**0.00079 J**	0.0058 U	0.0061 U	0.0058 U	0.0055 U	0.0055 U	0.0055 U
Carbon tetrachloride	0.76	22	44	0.0061 U	0.0058 U	0.0061 U	0.0058 U	0.0055 U	0.0055 U	0.0055 U
Chlorobenzene	1.1	500	1000	0.0061 U	0.0058 U	0.0061 U	0.0058 U	0.0055 U	0.0055 U	0.0055 U
Chloroethane	1.9	350	700	0.0061 U	0.0058 U	0.0061 U	0.0058 U	0.0055 U	0.0055 U	0.0055 U
Chloroform (Trichloromethane)	0.37	-	-	0.0061 U	0.0058 U	0.0061 U	0.0058 U	0.0055 U	0.0055 U	0.0055 U
Chloromethane (Methyl chloride)	-	-	-	0.0061 U	0.0058 U	0.0061 U	0.0058 U	0.0055 U	0.0055 U	0.0055 U
cis-1,2-Dichloroethene	0.25	500	1000	**0.0018 J**	0.0058 U	**0.0021 J**	0.0058 U	0.0055 U	**0.0017 J**	0.0055 U
cis-1,3-Dichloropropene	-	-	-	0.0061 U	0.0058 U	0.0061 U	0.0058 U	0.0055 U	0.0055 U	0.0055 U
Cyclohexane	-	-	-	0.0061 U	0.0058 U	0.0061 U	0.0058 U	0.0055 U	0.0055 U	0.0055 U
Dibromochloromethane	-	-	-	0.0061 U	0.0058 U	0.0061 U	0.0058 U	0.0055 U	0.0055 U	0.0055 U
Dichlorodifluoromethane (CFC-12)	-	-	-	0.0061 U	0.0058 U	0.0061 U	0.0058 U	0.0055 U	0.0055 U	0.0055 U
Ethylbenzene	1	390	780	0.0061 U	0.0058 U	0.0061 U	0.0058 U	0.0055 U	0.0055 U	0.0055 U
Isopropyl benzene	2.3	-	-	0.0061 U	0.0058 U	0.0061 U	0.0058 U	0.0055 U	0.0055 U	0.0055 U
Methyl acetate	-	-	-	0.0061 U	0.0058 U	0.0061 U	0.0058 U	0.0055 U	0.0055 U	0.0055 U
Methyl cyclohexane	-	-	-	0.0061 U	0.0058 U	0.0061 U	0.0058 U	0.0055 U	0.0055 U	0.0055 U
Methyl tert butyl ether (MTBE)	0.93	500	1000	0.0061 U	0.0058 U	0.0061 U	0.0058 U	0.0055 U	0.0055 U	0.0055 U
Methylene chloride	0.05	500	1000	0.0061 U	0.0058 U	0.0061 U	0.0058 U	0.0055 U	0.0055 U	0.0055 U
Styrene	-	-	-	0.0061 U	0.0058 U	0.0061 U	0.0058 U	0.0055 U	0.0055 U	0.0055 U
Tetrachloroethene	1.3	150	300	0.0061 U	0.0058 U	**0.042**	0.0058 U	0.0055 U	**0.13**	0.0055 U
Toluene	0.7	500	1000	0.0061 U	0.0058 U	0.0061 U	0.0058 U	0.0055 U	0.0055 U	0.0055 U
trans-1,2-Dichloroethene	0.19	500	1000	0.0061 U	0.0058 U	0.0061 U	0.0058 U	0.0055 U	0.0055 U	0.0055 U
trans-1,3-Dichloropropene	-	-	-	0.0061 U	0.0058 U	0.0061 U	0.0058 U	0.0055 U	0.0055 U	0.0055 U
Trichloroethene	0.47	200	400	0.0061 U	0.0058 U	**0.0083**	0.0058 U	0.0055 U	**0.0026 J**	0.0055 U
Trichlorofluoromethane (CFC-11)	-	-	-	0.0061 U	0.0058 U	**0.0025 J**	0.0058 U	0.0055 U	0.0055 U	0.0055 U
Trifluorotrichloroethane (Freon 113)	6	-	-	0.0061 U	0.0058 U	0.0061 U	0.0058 U	0.0055 U	0.0055 U	0.0055 U
Vinyl chloride	0.02	13	27	0.0061 U	0.0058 U	0.0061 U	0.0058 U	0.0055 U	0.0055 U	0.0055 U
Xylenes (total)	1.6	500	1000	0.018 U	0.017 U	0.018 U	0.017 U	0.017 U	0.017 U	0.016 U

Notes and Abbreviations:

1. Results shown in red exceed the following criteria:
   [A]: Protection of Groundwater Criteria
   [B]: Restricted Commercial Criteria
   [C]: Restricted Industrial Criteria
2. Results shown in **bold** were detected.
3. U - Results not detected above shown reporting limit.
   J - Estimated result
4. Sample Types: N - Normal Sample, FD- Field Duplicate
5. Data compared to the NYSDEC Soil Cleanup Objectives (NYCRR Part 375)
6. The SCOs for trivalent chromium were used as the criteria for total chromium data.

TABLE III
GROUNDWATER ANALYTICAL RESULTS - BUILDING 7
GMCH LOCKPORT FACILITY
LOCKPORT, NEW YORK
BCP SITE #C932138

BUILDING	Class GA	Building 7	Building 7	Building 7	Building 7	Building 7	Building 7	Building 7	Building 7	Building 7	Building 7	Building 7	Building 7
LOCATION	TOGS 1.1.1	MW-7-1	MW-7-2	MW-7-3	MW-7-4	MW-7-5	MW-7-5	MW-7-6	MW-7-7	MW-7-8	MW-7-A-6	MW-7-C-2	MW-7-P-1
DATE		4/27/2011	4/27/2011	4/27/2011	4/27/2011	4/28/2011	4/28/2011	4/27/2011	4/28/2011	4/28/2011	4/28/2011	4/29/2011	4/28/2011
SAMPLE TYPE	ug/L	N	N	N	N	FD	N	N	N	N	N	N	N
Volatile Organic Compounds (ug/l)													
cis-1,2-Dichloroethene (ug/L)	5	1.0 U	1.0 U	**8.6** [A]	1.0 U	**640** [A]	**680** [A]	**350** [A]	200 U	**29** [A]	**16000** [A]	**230** [A]	**6.2** [A]
Tetrachloroethene	5	1.0 U	1.0 U	1.0 U	1.0 U	**8800** [A]	**8900** [A]	**470** [A]	**26000** [A]	**290** [A]	**140000** [A]	1.0 U	**0.57 J**
trans-1,2-Dichloroethene	5	1.0 U	1.0 U	1.0 U	1.0 U	200 U	**7.4** [A]	**2.7**	200 U	4.0 U	2000 U	1.0 U	**4.9**
Trichloroethene	5	1.0 U	1.0 U	1.0 U	1.0 U	**870** [A]	**890** [A]	**240** [A]	200 U	**100** [A]	**19000** [A]	1.0 U	**2.1**
Vinyl chloride	2	1.0 U	1.0 U	**46** [A]	1.0 U	200 U	**5.8** [A]	**35** [A]	200 U	4.0 U	2000 U	**12** [A]	**27** [A]

Notes and Abbreviations:

1. Results shown in red exceed:
   [A]: Indicates result is greater than TOGS 1.1.1
2. Results shown in **bold** were detected.
3. U - Results not detected above shown reporting limit.
   J - Estimated result
4. Sample Types: N - Normal Sample, FD- Field Duplicate
5. Compounds compared to the NYSDEC Technical and Operational Guidance Series Glass GA Standards & Guidance (TOGS 1.1.1), June 1998 (Amended April 2000)

TABLE IV
SITE-WIDE GROUNDWATER ANALYTICAL RESULTS
GMCH LOCKPORT FACILITY
LOCKPORT, NEW YORK

LOCATION DESCRIPTION	Class GA	Building 6	Building 6	Building 6	Building 6	Building 6	Building 6	Building 6	Building 6	Building 6	Building 6	Building 6	Building 6	Building 6	Building 6	Building 6	Building 7	Building 7	Building 7
LOCATION	TOGS 1.1.1	MW-6-1	MW-6-1	MW-6-1	MW-6-1	MW-6-2	MW-6-2	MW-6-2	MW-6-2	MW-6-2	MW-6-F-7	MW-6-F-7	MW-6-F-8	MW-6-F-8	MW-6-F-8	MW-6-F-9	MW-6-F-9	MW-7-1	MW-7-1	MW-7-1
DATE		11/30/2007	2/20/2008	8/14/2008	4/27/2011	11/29/2007	2/20/2008	4/15/2008	8/14/2008	4/27/2011	8/13/2008	11/5/2008	8/13/2008	11/5/2008	4/27/2011	8/13/2008	11/5/2008	11/30/2007	2/20/2008	4/27/2011
SAMPLE TYPE	ug/L	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Metals (ug/l)																				
Calcium	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Iron	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Iron (dissolved)	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Magnesium	35000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Magnesium (dissolved)	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manganese	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manganese (dissolved)	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Potassium	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Potassium (dissolved)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sodium	20000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sodium (dissolved)	20000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Miscellaneous (ug/l)																				
Total organic carbon (TOC)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Natural Attenuation Parameters (ug/l)																				
Alkalinity, total (as CaCO3)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ammonia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ammonia-N	2000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloride	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methane	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methane	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nitrate (as N)	10000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nitrite (as N)	10000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sulfate	250000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sulfide	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Semi-Volatile Organic Compounds (ug/l)																				
Acenaphthene	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Anthracene	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)pyrene	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	0.002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(k)fluoranthene	0.002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bis(2-ethylhexyl)phthalate	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chrysene	0.002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fluoranthene	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fluorene	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	0.002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Phenanthrene	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pyrene	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Volatile Organic Compounds (ug/l)																				
1,1,1-Trichloroethane	5	2 U	2 U	2 U	-	2 U	2 U	2 U	2 U	-	2 U	2 U	2 U	2 U	-	2 U	2 U	2 U	2 U	-
1,1,2,2-Tetrachloroethane	5	2 U	2 U	2 U	-	2 U	2 U	2 U	2 U	-	2 U	2 U	2 U	2 U	-	2 U	2 U	2 U	2 U	-
1,1,2-Trichloroethane	1	2 U	2 U	2 U	-	2 U	2 U	2 U	2 U	-	2 U	2 U	2 U	2 U	-	2 U	2 U	2 U	2 U	-
1,1-Dichloroethane	5	2 U	2 U	2 U	-	2 U	2 U	2 U	2 U	-	2 U	2 U	2 U	2 U	-	2 U	2 U	2 U	2 U	-
1,1-Dichloroethene	5	2 U	2 U	2 U	-	2 U	2 U	2 U	2 U	-	2 U	2 U	2 U	2 U	-	2 U	2 U	2 U	2 U	-
1,2,3-Trichlorobenzene	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	0.04	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	0.0006	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	3	2 U	-	-	-	2 U	-	-	-	-	-	-	-	-	-	-	-	2 U	-	-
1,2-Dichloroethane	0.6	2 U	2 U	2 U	-	2 U	2 U	2 U	2 U	-	2 U	2 U	2 U	2 U	-	2 U	2 U	2 U	2 U	-
1,2-Dichloroethene (total)	5	2 U	2 U	2 U	-	2 U	2 U	2 U	2 U	-	2 U	**2.4**	2 U	4 U	-	2 U	4 U	**8** [A]	2 U	-
1,2-Dichloropropane	1	2 U	2 U	2 U	-	2 U	2 U	2 U	2 U	-	2 U	2 U	2 U	2 U	-	2 U	2 U	2 U	2 U	-
1,3-Dichlorobenzene	3	2 U	-	-	-	2 U	-	-	-	-	-	-	-	-	-	-	-	2 U	-	-
1,4-Dichlorobenzene	3	2 U	-	-	-	2 U	-	-	-	-	-	-	-	-	-	-	-	2 U	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	50	-	10 U	2 U	-	-	10 U	10 U	2 U	-	2 U	2 U	2 U	2 U	-	2 U	2 U	-	10 U	-
2-Chloroethyl vinyl ether	-	2 U	2 U	2 U	-	2 U	2 U	2 U	2 U	-	2 U	4 U	2 U	4 U	-	2 U	4 U	2 U	2 U	-
2-Hexanone	50	-	10 U	2 U	-	-	10 U	10 U	2 U	-	2 U	2 U	2 U	2 U	-	2 U	2 U	-	10 U	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK	50	-	10 U	2 U	-	-	10 U	10 U	2 U	-	2 U	2 U	2 U	2 U	-	2 U	2 U	-	10 U	-
Acetone	50	-	10 U	2 U	-	-	10 U	10 U	2 U	-	2 U	2 U	2 U	2 U	-	2 U	2 U	-	10 U	-
Acrolein	5	10 U	-	-	-	10 U	-	-	-	-	-	-	-	-	-	-	-	10 U	-	-
Acrylonitrile	0.07	10 U	-	-	-	10 U	-	-	-	-	-	-	-	-	-	-	-	10 U	-	-
Benzene	1	2 U	2 U	2 U	-	2 U	2 U	2 U	2 U	-	2 U	2 U	2 U	2 U	-	2 U	2 U	**3** [A]	2 U	-
Bromodichloromethane	50	2 U	2 U	2 U	-	2 U	2 U	2 U	2 U	-	2 U	2 U	2 U	2 U	-	2 U	2 U	2 U	2 U	-

TABLE IV
SITE-WIDE GROUNDWATER ANALYTICAL RESULTS
GMCH LOCKPORT FACILITY
LOCKPORT, NEW YORK

LOCATION DESCRIPTION	Class GA	Building 6	Building 6	Building 6	Building 6	Building 6	Building 6	Building 6	Building 6	Building 6	Building 6	Building 6	Building 6	Building 6	Building 6	Building 6	Building 7	Building 7	Building 7
LOCATION	TOGS 1.1.1	MW-6-1	MW-6-1	MW-6-1	MW-6-1	MW-6-2	MW-6-2	MW-6-2	MW-6-2	MW-6-2	MW-6-F-7	MW-6-F-7	MW-6-F-8	MW-6-F-8	MW-6-F-8	MW-6-F-9	MW-6-F-9	MW-7-1	MW-7-1	MW-7-1
DATE		11/30/2007	2/20/2008	8/14/2008	4/27/2011	11/29/2007	2/20/2008	4/15/2008	8/14/2008	4/27/2011	8/13/2008	11/5/2008	8/13/2008	11/5/2008	4/27/2011	8/13/2008	11/5/2008	11/30/2007	2/20/2008	4/27/2011
SAMPLE TYPE	ug/L	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Bromoform	50	2 U	2 U	2 U	-	2 U	2 U	2 U	2 U	-	2 U	2 U	2 U	2 U	-	2 U	2 U	2 U	2 U	-
Bromomethane (Methyl bromide)	5	2 U	2 U	2 U	-	2 U	2 U	2 U	2 U	-	2 U	2 U	2 U	2 U	-	2 U	2 U	2 U	2 U	-
Carbon disulfide	-	-	2 U	2 U	-	-	2 U	2 U	2 U	-	2 U	2 U	2 U	2 U	-	2 U	2 U	-	2 U	-
Carbon tetrachloride	5	2 U	2 U	2 U	-	2 U	2 U	2 U	2 U	-	2 U	2 U	2 U	2 U	-	2 U	2 U	2 U	2 U	-
Chlorobenzene	5	2 U	2 U	2 U	-	2 U	2 U	2 U	2 U	-	2 U	2 U	2 U	2 U	-	2 U	2 U	2 U	2 U	-
Chlorobromomethane	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloroethane	5	2 U	2 U	2 U	-	2 U	2 U	2 U	2 U	-	2 U	2 U	2 U	2 U	-	2 U	2 U	2 U	2 U	-
Chloroform (Trichloromethane)	7	2 U	2 U	2 U	-	2 U	2 U	2 U	2 U	-	2 U	2 U	2 U	2 U	-	2 U	2 U	2 U	2 U	-
Chloromethane (Methyl chloride)	5	2 U	2 U	2 U	-	2 U	2 U	2 U	2 U	-	2 U	2 U	2 U	2 U	-	2 U	2 U	2 U	2 U	-
cis-1,2-Dichloroethene	5	-	2 U	2 U	1.0 U	-	2 U	2 U	2 U	1.0 U	2 U	**2.4**	2 U	2 U	1.0 U	2 U	2 U	-	2 U	1.0 U
cis-1,3-Dichloropropene	0.4	2 U	2 U	2 U	-	2 U	2 U	2 U	2 U	-	2 U	2 U	2 U	2 U	-	2 U	2 U	2 U	2 U	-
Dibromochloromethane	50	2 U	2 U	2 U	-	2 U	2 U	2 U	2 U	-	2 U	2 U	2 U	2 U	-	2 U	2 U	2 U	2 U	-
Dichlorodifluoromethane (CFC-12)	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	5	2 U	2 U	2 U	-	2 U	2 U	2 U	2 U	-	2 U	2 U	2 U	2 U	-	2 U	2 U	2 U	2 U	-
Isopropyl benzene	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
m&p-Xylenes	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methylene chloride	5	2 U	2 U	2 U	-	2 U	2 U	2 U	2 U	-	2 U	2 U	2 U	2 U	-	2 U	2 U	2 U	2 U	-
o-Xylene	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Styrene	5	-	2 U	2 U	-	-	2 U	2 U	2 U	-	2 U	2 U	2 U	2 U	-	2 U	2 U	-	2 U	-
Tetrachloroethene	5	2 U	2 U	2 U	1.0 U	2 U	2 U	2 U	2 U	1.0 U	2 U	2 U	2 U	2 U	1.0 U	2 U	2 U	2 U	2 U	1.0 U
Toluene	5	2 U	2 U	2 U	-	2 U	2 U	2 U	2 U	-	2 U	2 U	2 U	2 U	-	2 U	2 U	7 [A]	2 U	-
trans-1,2-Dichloroethene	5	-	2 U	2 U	1.0 U	-	2 U	2 U	2 U	1.0 U	2 U	2 U	2 U	2 U	1.0 U	2 U	2 U	-	2 U	1.0 U
trans-1,3-Dichloropropene	0.4	2 U	2 U	2 U	-	2 U	2 U	2 U	2 U	-	2 U	2 U	2 U	2 U	-	2 U	2 U	2 U	2 U	-
Trichloroethene	5	2 U	2 U	2 U	1.0 U	25 [A]	2 U	**4**	2 U	1.0 U	2 U	2 U	2 U	2 U	1.0 U	2 U	2 U	110 [A]	56 [A]	1.0 U
Trichlorofluoromethane (CFC-11)	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl acetate	-	-	2 U	2 U	-	-	2 U	2 U	2 U	-	2 U	2 U	2 U	2 U	-	2 U	2 U	-	2 U	-
Vinyl chloride	2	2 U	2 U	2 U	1.0 U	2 U	2 U	2 U	2 U	1.0 U	2 U	2 U	2 U	2 U	1.0 U	2 U	2 U	2 U	2 U	1.0 U
Xylenes (total)	5	-	2 U	2 U	-	-	2 U	2 U	2 U	-	2 U	6 U	2 U	6 U	-	2 U	6 U	-	2 U	-

Notes and Abbreviations:

1. Results shown in red exceed:
   [A]: Indicates result is greater than TOGS 1.1.1
2. Results shown in bold were detected.
3. U - Results not detected above shown reporting limit.
   J - Estimated result
4. Sample Types: N - Normal Sample, FD- Field Duplicate
5. Compounds compared to the NYSDEC Technical and Operational Guidance Series Glass GA Standards & Guidance (TOGS 1.1.1), June 1998 (Amended April 2000)

TABLE IV
SITE-WIDE GROUNDWATER ANALYTICAL RESULTS
GMCH LOCKPORT FACILITY
LOCKPORT, NEW YORK

LOCATION DESCRIPTION	Class GA	Building 7	Building 7	Building 7	Building 7	Building 7	Building 7	Building 7	Building 7	Building 7	Building 7	Building 7	Building 7	Building 7	Building 7	Building 7	Building 7	Building 7	Building 8
LOCATION	TOGS 1.1.1	MW-7-2	MW-7-2	MW-7-2	MW-7-2	MW-7-3	MW-7-3	MW-7-3	MW-7-4	MW-7-4	MW-7-5	MW-7-5	MW-7-6	MW-7-7	MW-7-8	MW-7-A-6	MW-7-C-2	MW-7-P-1	MW-8-003-B
DATE		11/29/2007	2/20/2008	8/13/2008	4/27/2011	11/29/2007	2/20/2008	4/27/2011	8/14/2008	4/27/2011	4/28/2011	4/28/2011	4/27/2011	4/28/2011	4/28/2011	4/28/2011	4/29/2011	4/28/2011	4/28/2011
SAMPLE TYPE	ug/L	N	N	N	N	N	N	N	N	N	FD	N	N	N	N	N	N	N	N
Metals (ug/l)																			
Calcium	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Iron	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Iron (dissolved)	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Magnesium	35000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Magnesium (dissolved)	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manganese	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manganese (dissolved)	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Potassium	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Potassium (dissolved)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sodium	20000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sodium (dissolved)	20000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Miscellaneous (ug/l)																			
Total organic carbon (TOC)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Natural Attenuation Parameters (ug/l)																			
Alkalinity, total (as CaCO3)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ammonia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ammonia-N	2000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloride	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methane	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methane	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nitrate (as N)	10000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nitrite (as N)	10000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sulfate	250000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sulfide	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Semi-Volatile Organic Compounds (ug/l)																			
Acenaphthene	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Anthracene	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)pyrene	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	0.002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(k)fluoranthene	0.002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bis(2-ethylhexyl)phthalate	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chrysene	0.002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fluoranthene	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fluorene	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	0.002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Phenanthrene	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pyrene	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Volatile Organic Compounds (ug/l)																			
1,1,1-Trichloroethane	5	2 U	2 U	2 U	-	2 U	2 U	-	2 U	-	-	-	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	5	2 U	2 U	2 U	-	2 U	2 U	-	2 U	-	-	-	-	-	-	-	-	-	-
1,1,2-Trichloroethane	1	2 U	2 U	2 U	-	2 U	2 U	-	2 U	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	5	2 U	2 U	2 U	-	2 U	2 U	-	2 U	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethene	5	2 U	2 U	2 U	-	2 U	2 U	-	2 U	-	-	-	-	-	-	-	-	-	-
1,2,3-Trichlorobenzene	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	0.04	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	0.0006	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	3	2 U	-	-	-	2 U	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	0.6	2 U	2 U	2 U	-	2 U	2 U	-	2 U	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethene (total)	5	2 U	2 U	2 U	-	2 U	2 U	-	2 U	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	1	2 U	2 U	2 U	-	2 U	2 U	-	2 U	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	3	2 U	-	-	-	2 U	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	3	2 U	-	-	-	2 U	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	50	-	10 U	2 U	-	-	10 U	-	2 U	-	-	-	-	-	-	-	-	-	-
2-Chloroethyl vinyl ether	-	2 U	2 U	2 U	-	2 U	2 U	-	2 U	-	-	-	-	-	-	-	-	-	-
2-Hexanone	50	-	10 U	2 U	-	-	10 U	-	2 U	-	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK	50	-	10 U	2 U	-	-	10 U	-	2 U	-	-	-	-	-	-	-	-	-	-
Acetone	50	-	10 U	2 U	-	-	10 U	-	2 U	-	-	-	-	-	-	-	-	-	-
Acrolein	5	10 U	-	-	-	10 U	-	-	-	-	-	-	-	-	-	-	-	-	-
Acrylonitrile	0.07	10 U	-	-	-	10 U	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene	1	2 U	2 U	2 U	-	2 U	2 U	-	2 U	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane	50	2 U	2 U	2 U	-	2 U	2 U	-	2 U	-	-	-	-	-	-	-	-	-	-

TABLE IV
SITE-WIDE GROUNDWATER ANALYTICAL RESULTS
GMCH LOCKPORT FACILITY
LOCKPORT, NEW YORK

LOCATION DESCRIPTION	Class GA	Building 7	Building 7	Building 7	Building 7	Building 7	Building 7	Building 7	Building 7	Building 7	Building 7	Building 7	Building 7	Building 7	Building 7	Building 7	Building 7	Building 7	Building 8
LOCATION	TOGS 1.1.1	MW-7-2	MW-7-2	MW-7-2	MW-7-2	MW-7-3	MW-7-3	MW-7-3	MW-7-4	MW-7-4	MW-7-5	MW-7-5	MW-7-6	MW-7-7	MW-7-8	MW-7-A-6	MW-7-C-2	MW-7-P-1	MW-8-003-B
DATE		11/29/2007	2/20/2008	8/13/2008	4/27/2011	11/29/2007	2/20/2008	4/27/2011	8/14/2008	4/27/2011	4/28/2011	4/28/2011	4/27/2011	4/28/2011	4/28/2011	4/28/2011	4/29/2011	4/28/2011	4/28/2011
SAMPLE TYPE	ug/L	N	N	N	N	N	N	N	N	N	FD	N	N	N	N	N	N	N	N
Bromoform	50	2 U	2 U	2 U	-	2 U	2 U	-	2 U	-	-	-	-	-	-	-	-	-	-
Bromomethane (Methyl bromide)	5	2 U	2 U	2 U	-	2 U	2 U	-	2 U	-	-	-	-	-	-	-	-	-	-
Carbon disulfide	-	-	2 U	2 U	-	-	2 U	-	2 U	-	-	-	-	-	-	-	-	-	-
Carbon tetrachloride	5	2 U	2 U	2 U	-	2 U	2 U	-	2 U	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	5	2 U	2 U	2 U	-	2 U	2 U	-	2 U	-	-	-	-	-	-	-	-	-	-
Chlorobromomethane	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloroethane	5	2 U	2 U	2 U	-	2 U	2 U	-	2 U	-	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	7	2 U	2 U	2 U	-	2 U	2 U	-	2 U	-	-	-	-	-	-	-	-	-	-
Chloromethane (Methyl chloride)	5	2 U	2 U	2 U	-	2 U	2 U	-	2 U	-	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	5	-	2 U	2 U	1.0 U	-	2 U	**8.6** [A]	2 U	1.0 U	**640** [A]	**680** [A]	**350** [A]	200 U	**29** [A]	**16000** [A]	**230** [A]	**6.2** [A]	**190** [A]
cis-1,3-Dichloropropene	0.4	2 U	2 U	2 U	-	2 U	2 U	-	2 U	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane	50	2 U	2 U	2 U	-	2 U	2 U	-	2 U	-	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	5	2 U	2 U	2 U	-	2 U	2 U	-	2 U	-	-	-	-	-	-	-	-	-	-
Isopropyl benzene	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
m&p-Xylenes	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methylene chloride	5	2 U	2 U	2 U	-	2 U	2 U	-	2 U	-	-	-	-	-	-	-	-	-	-
o-Xylene	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Styrene	5	-	2 U	2 U	-	-	2 U	-	2 U	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	5	2 U	2 U	2 U	1.0 U	2 U	2 U	1.0 U	2 U	1.0 U	**8800** [A]	**8900** [A]	**470** [A]	**26000** [A]	**290** [A]	**140000** [A]	1.0 U	**0.57 J**	**300** [A]
Toluene	5	2 U	2 U	2 U	-	2 U	2 U	-	2 U	-	-	-	-	-	-	-	-	-	-
trans-1,2-Dichloroethene	5	-	2 U	2 U	1.0 U	-	2 U	1.0 U	2 U	1.0 U	200 U	**7.4** [A]	**2.7**	200 U	4.0 U	2000 U	1.0 U	**4.9**	5.0 U
trans-1,3-Dichloropropene	0.4	2 U	2 U	2 U	-	2 U	2 U	-	2 U	-	-	-	-	-	-	-	-	-	-
Trichloroethene	5	2 U	2 U	2 U	1.0 U	2 U	2 U	1.0 U	2 U	1.0 U	**870** [A]	**890** [A]	**240** [A]	200 U	**100** [A]	**19000** [A]	1.0 U	**2.1**	**110** [A]
Trichlorofluoromethane (CFC-11)	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl acetate	-	-	20 U	2 U	-	-	2 U	-	2 U	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	2	2 U	2 U	2 U	1.0 U	2 U	2 U	**46** [A]	2 U	1.0 U	200 U	**5.8** [A]	**35** [A]	200 U	4.0 U	2000 U	**12** [A]	**27** [A]	**19** [A]
Xylenes (total)	5	-	2 U	2 U	-	-	2 U	-	2 U	-	-	-	-	-	-	-	-	-	-

Notes and Abbreviations:

1. Results shown in red exceed:
   [A]: Indicates result is greater than TOGS 1.1.1
2. Results shown in bold were detected.
3. U - Results not detected above shown reporting limit.
   J - Estimated result
4. Sample Types: N - Normal Sample, FD- Field Duplicate
5. Compounds compared to the NYSDEC Technical and Operational Guidance Series Glass GA Standards & Guidance (TOGS 1.1.1), June 1998 (Amended April 2000)

TABLE IV
SITE-WIDE GROUNDWATER ANALYTICAL RESULTS
GMCH LOCKPORT FACILITY
LOCKPORT, NEW YORK

LOCATION DESCRIPTION	Class GA	Building 8	Building 8	Building 8	Building 8	Building 8	Building 9	Building 9	Building 9	Building 10	Building 10	Building 10	Building 10	Sitewide	Sitewide	Sitewide	Sitewide	Sitewide	Sitewide	Sitewide
LOCATION	TOGS 1.1.1	MW-8-1	MW-8-2	MW-8-3	MW-8-3	MW-8-4	MW-9-101-A	MW-9-12	MW-9-4	BLDG10	MW-10-2	MW-10-3	MW-10-3	MW-1	MW-4	MW-4	MW-4	MW-7	MW-7	MW-7
DATE		4/29/2011	4/29/2011	5/2/2011	5/2/2011	5/2/2011	4/29/2011	8/14/2008	8/14/2008	4/29/2011	4/29/2011	4/29/2011	4/29/2011	7/19/2007	7/20/2009	4/22/2011	4/22/2011	10/25/2006	11/29/2007	11/5/2008
SAMPLE TYPE	ug/L	N	N	FD	N	N	N	N	N	N	N	FD	N	N	N	FD	N	N	N	N
Metals (ug/l)																				
Calcium	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**493000**	**476000**	-	-	**327000**
Iron	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**3100** [A]	**3100** [A]	**230**	**580** [A]	**6060** [A]
Iron (dissolved)	300	-	-	-	-	-	-	-	-	-	-	-	-	-	**3210** [A]	-	-	-	-	-
Magnesium	35000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**139000** [A]	**138000** [A]	**112200** [A]	**98500** [A]	**74000** [A]
Magnesium (dissolved)	300	-	-	-	-	-	-	-	-	-	-	-	-	-	**193000** [A]	-	-	-	-	-
Manganese	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**1600** [A]	**1600** [A]	**20**	**50**	**2280** [A]
Manganese (dissolved)	300	-	-	-	-	-	-	-	-	-	-	-	-	-	**2640** [A]	-	-	-	-	-
Potassium	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**17800**	**17300**	**19400**	**20700**	**4390**
Potassium (dissolved)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**50500**	-	-	-	-	-
Sodium	20000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**1420000** [A]	**1390000** [A]	**237000** [A]	**278000** [A]	**277000** [A]
Sodium (dissolved)	20000	-	-	-	-	-	-	-	-	-	-	-	-	-	**2100000** [A]	-	-	-	-	-
Miscellaneous (ug/l)																				
Total organic carbon (TOC)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**13000**	**600 J**	**540 J**	**27600**	**14000**	**4400**
Natural Attenuation Parameters (ug/l)																				
Alkalinity, total (as CaCO3)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**330000**	**342000**	**343000**	**367000**	**322000**	**348000**
Ammonia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**1900**	**1900**	-	-	-
Ammonia-N	2000	-	-	-	-	-	-	-	-	-	-	-	-	-	**3830** [A]	-	-	**1330**	**1140**	**80**
Chloride	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**5320000**	**3260000**	**3130000**	**600000**	**430000**	**980000**
Methane	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**5280**	**2000**	**2000**	**60**	**130**	**110**
Methane	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nitrate (as N)	10000	-	-	-	-	-	-	-	-	-	-	-	-	-	600 U	50 U	50 U	50 U	50 U	50 U
Nitrite (as N)	10000	-	-	-	-	-	-	-	-	-	-	-	-	-	600 U	50 U	50 U	50 U	50 U	50 U
Sulfate	250000	-	-	-	-	-	-	-	-	-	-	-	-	-	**295000** [A]	**370000** [A]	**341000** [A]	**470000** [A]	**519000** [A]	**23000**
Sulfide	50	-	-	-	-	-	-	-	-	-	-	-	-	-	**2000** [A]	100 U	100 U	100 U	**800** [A]	100 U
Semi-Volatile Organic Compounds (ug/l)																				
Acenaphthene	20	-	-	-	-	-	-	2 U	73 U	-	-	-	-	-	-	-	-	-	-	-
Anthracene	50	-	-	-	-	-	-	2 U	73 U	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)pyrene	-	-	-	-	-	-	-	2 U	73 U	-	-	-	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	0.002	-	-	-	-	-	-	2 U	73 U	-	-	-	-	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	-	-	-	-	-	-	-	2 U	73 U	-	-	-	-	-	-	-	-	-	-	-
Benzo(k)fluoranthene	0.002	-	-	-	-	-	-	2 U	73 U	-	-	-	-	-	-	-	-	-	-	-
Bis(2-ethylhexyl)phthalate	5	-	-	-	-	-	-	2 U	73 U	-	-	-	-	-	-	-	-	-	-	-
Chrysene	0.002	-	-	-	-	-	-	2 U	73 U	-	-	-	-	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	-	-	-	-	-	-	-	2 U	73 U	-	-	-	-	-	-	-	-	-	-	-
Fluoranthene	50	-	-	-	-	-	-	2 U	**7990** [A]	-	-	-	-	-	-	-	-	-	-	-
Fluorene	50	-	-	-	-	-	-	2 U	73 U	-	-	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	0.002	-	-	-	-	-	-	2 U	73 U	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	10	-	-	-	-	-	-	2 U	73 U	-	-	-	-	-	-	-	-	-	-	-
Phenanthrene	50	-	-	-	-	-	-	2 U	**7970** [A]	-	-	-	-	-	-	-	-	-	-	-
Pyrene	50	-	-	-	-	-	-	2 U	73 U	-	-	-	-	-	-	-	-	-	-	-
Volatile Organic Compounds (ug/l)																				
1,1,1-Trichloroethane	5	-	-	-	-	-	-	-	-	-	-	-	-	2 U	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	5	-	-	-	-	-	-	-	-	-	-	-	-	**6** [A]	-	-	-	-	-	-
1,1,2-Trichloroethane	1	-	-	-	-	-	-	-	-	-	-	-	-	2 U	-	-	-	-	-	-
1,1-Dichloroethane	5	-	-	-	-	-	-	-	-	-	-	-	-	2 U	-	-	-	-	-	-
1,1-Dichloroethene	5	-	-	-	-	-	-	-	-	-	-	-	-	**480** [A]	-	-	-	-	-	-
1,2,3-Trichlorobenzene	5	-	-	-	-	-	-	-	-	-	-	-	-	2 U	-	-	-	-	-	-
1,2,4-Trichlorobenzene	5	-	-	-	-	-	-	-	-	-	-	-	-	2 U	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	0.04	-	-	-	-	-	-	-	-	-	-	-	-	2 U	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	0.0006	-	-	-	-	-	-	-	-	-	-	-	-	2 U	-	-	-	-	-	-
1,2-Dichlorobenzene	3	-	-	-	-	-	-	-	-	-	-	-	-	2 U	-	-	-	-	-	-
1,2-Dichloroethane	0.6	-	-	-	-	-	-	-	-	-	-	-	-	2 U	-	-	-	-	-	-
1,2-Dichloroethene (total)	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	1	-	-	-	-	-	-	-	-	-	-	-	-	2 U	-	-	-	-	-	-
1,3-Dichlorobenzene	3	-	-	-	-	-	-	-	-	-	-	-	-	**3**	-	-	-	-	-	-
1,4-Dichlorobenzene	3	-	-	-	-	-	-	-	-	-	-	-	-	2 U	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	50	-	-	-	-	-	-	-	-	-	-	-	-	10 U	-	-	-	-	-	-
2-Chloroethyl vinyl ether	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Hexanone	50	-	-	-	-	-	-	-	-	-	-	-	-	10 U	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK	50	-	-	-	-	-	-	-	-	-	-	-	-	**59** [A]	-	-	-	-	-	-
Acetone	50	-	-	-	-	-	-	-	-	-	-	-	-	**20**	-	-	-	-	-	-
Acrolein	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acrylonitrile	0.07	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene	1	-	-	-	-	-	-	-	-	-	-	-	-	**5** [A]	-	-	-	-	-	-
Bromodichloromethane	50	-	-	-	-	-	-	-	-	-	-	-	-	2 U	-	-	-	-	-	-

TABLE IV
SITE-WIDE GROUNDWATER ANALYTICAL RESULTS
GMCH LOCKPORT FACILITY
LOCKPORT, NEW YORK

LOCATION DESCRIPTION	Class GA	Building 8	Building 8	Building 8	Building 8	Building 8	Building 9	Building 9	Building 9	Building 10	Building 10	Building 10	Building 10	Sitewide	Sitewide	Sitewide	Sitewide	Sitewide	Sitewide	Sitewide
LOCATION	TOGS 1.1.1	MW-8-1	MW-8-2	MW-8-3	MW-8-3	MW-8-4	MW-9-101-A	MW-9-12	MW-9-4	BLDG10	MW-10-2	MW-10-3	MW-10-3	MW-1	MW-4	MW-4	MW-4	MW-7	MW-7	MW-7
DATE		4/29/2011	4/29/2011	5/2/2011	5/2/2011	5/2/2011	4/29/2011	8/14/2008	8/14/2008	4/29/2011	4/29/2011	4/29/2011	4/29/2011	7/19/2007	7/20/2009	4/22/2011	4/22/2011	10/25/2006	11/29/2007	11/5/2008
SAMPLE TYPE	ug/L	N	N	FD	N	N	N	N	N	N	N	FD	N	N	N	FD	N	N	N	N
Bromoform	50	-	-	-	-	-	-	-	-	-	-	-	-	2 U	-	-	-	-	-	-
Bromomethane (Methyl bromide)	5	-	-	-	-	-	-	-	-	-	-	-	-	2 U	-	-	-	-	-	-
Carbon disulfide	-	-	-	-	-	-	-	-	-	-	-	-	-	2 U	-	-	-	-	-	-
Carbon tetrachloride	5	-	-	-	-	-	-	-	-	-	-	-	-	2 U	-	-	-	-	-	-
Chlorobenzene	5	-	-	-	-	-	-	-	-	-	-	-	-	2 U	-	-	-	-	-	-
Chlorobromomethane	5	-	-	-	-	-	-	-	-	-	-	-	-	2 U	-	-	-	-	-	-
Chloroethane	5	-	-	-	-	-	-	-	-	-	-	-	-	2 U	-	-	-	-	-	-
Chloroform (Trichloromethane)	7	-	-	-	-	-	-	-	-	-	-	-	-	2 U	-	-	-	-	-	-
Chloromethane (Methyl chloride)	5	-	-	-	-	-	-	-	-	-	-	-	-	2 U	-	-	-	-	-	-
cis-1,2-Dichloroethene	5	**0.86 J**	9300 [A]	**5**	**4.3**	68 [A]	4.0 U	-	-	2000 U	1100 [A]	11 [A]	11 [A]	220 [A]	41500 [A]	50000 [A]	45000 [A]	35800 [A]	39500 [A]	70000 [A]
cis-1,3-Dichloropropene	0.4	-	-	-	-	-	-	-	-	-	-	-	-	2 U	-	-	-	-	-	-
Dibromochloromethane	50	-	-	-	-	-	-	-	-	-	-	-	-	2 U	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	5	-	-	-	-	-	-	-	-	-	-	-	-	2 U	-	-	-	-	-	-
Ethylbenzene	5	-	-	-	-	-	-	-	-	-	-	-	-	**4**	-	-	-	-	-	-
Isopropyl benzene	5	-	-	-	-	-	-	-	-	-	-	-	-	2 U	-	-	-	-	-	-
m&p-Xylenes	5	-	-	-	-	-	-	-	-	-	-	-	-	46 [A]	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	-	-	-	-	-	-	-	-	-	-	-	-	-	2 U	-	-	-	-	-	-
Methylene chloride	5	-	-	-	-	-	-	-	-	-	-	-	-	200 [A]	-	-	-	-	-	-
o-Xylene	5	-	-	-	-	-	-	-	-	-	-	-	-	15 [A]	-	-	-	-	-	-
Styrene	5	-	-	-	-	-	-	-	-	-	-	-	-	2 U	-	-	-	-	-	-
Tetrachloroethene	5	1.0 U	40 U	**1.9**	**1.7**	1.0 U	4.0 U	-	-	120000 [A]	1100 [A]	13 [A]	13 [A]	114000 [A]	50 U	**1.8**	**1.5**	77 [A]	49 [A]	200 U
Toluene	5	-	-	-	-	-	-	-	-	-	-	-	-	44 [A]	-	-	-	-	-	-
trans-1,2-Dichloroethene	5	1.0 U	40 U	1.0 U	1.0 U	1.0 U	4.0 U	-	-	16 [A]	10 [A]	1.0 U	1.0 U	15 [A]	50 U	1000 U	1000 U	62 [A]	390 [A]	200 U
trans-1,3-Dichloropropene	0.4	-	-	-	-	-	-	-	-	-	-	-	-	2 U	-	-	-	-	-	-
Trichloroethene	5	1.0 U	660 [A]	9.3 [A]	6 [A]	12 [A]	4.0 U	-	-	2800 [A]	1200 [A]	6 [A]	5.8 [A]	200 [A]	23000 [A]	24000 B [A]	21000 B [A]	260000 [A]	434000 [A]	1100 [A]
Trichlorofluoromethane (CFC-11)	5	-	-	-	-	-	-	-	-	-	-	-	-	2 U	-	-	-	-	-	-
Vinyl acetate	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	2	1.0 U	270 [A]	1.0 U	1.0 U	17 [A]	4.0 U	-	-	100 [A]	66 [A]	1.0 U	1.0 U	220 [A]	6660 [A]	12000 [A]	10000 [A]	1700 [A]	3200 [A]	2600 [A]
Xylenes (total)	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Notes and Abbreviations:

1. Results shown in red exceed:
   [A]: Indicates result is greater than TOGS 1.1.1
2. Results shown in bold were detected.
3. U - Results not detected above shown reporting limit.
   J - Estimated result
4. Sample Types: N - Normal Sample, FD- Field Duplicate
5. Compounds compared to the NYSDEC Technical and Operational Guidance Series Glass GA Standards & Guidance (TOGS 1.1.1), June 1998 (Amended April 2000)

TABLE IV
SITE-WIDE GROUNDWATER ANALYTICAL RESULTS
GMCH LOCKPORT FACILITY
LOCKPORT, NEW YORK

LOCATION DESCRIPTION	Class GA	Sitewide	Sitewide	Sitewide	Sitewide	Sitewide	Sitewide	Sitewide	Sitewide	Sitewide	Sitewide	Sitewide	Sitewide	Sitewide	Sitewide	Sitewide	Sitewide	Sitewide	Sitewide
LOCATION	TOGS 1.1.1	MW-7	MW-7	MW-7	MW-8	MW-8	MW-9	MW-9	MW-10	MW-10	MW-11	MW-11	MW-11	MW-12	MW-12	MW-12	MW-12	MW-13	MW-13	MW-13
DATE		2/24/2009	7/15/2009	4/22/2011	7/15/2009	4/22/2011	7/20/2009	4/22/2011	7/15/2009	4/21/2011	10/24/2006	11/28/2007	4/21/2011	10/25/2006	11/28/2007	3/16/2009	4/20/2011	10/24/2006	11/28/2007	11/5/2008
SAMPLE TYPE	ug/L	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Metals (ug/l)																				
Calcium	-	**193000**	-	**121000**	-	**220000**	-	**392000**	-	**281000**	-	-	**92500**	-	-	**269000**	**227000 B**	-	-	**196000**
Iron	300	**90**	-	**200**	-	**120**	-	**34 J**	-	**750** [A]	**800** [A]	**740** [A]	**140**	**7500** [A]	**6680** [A]	**11500** [A]	**6600** [A]	**9210** [A]	**7830** [A]	**7600** [A]
Iron (dissolved)	300	-	**30**	-	**28**	-	10 U	-	**78**	-	-	-	-	-	-	-	-	-	-	-
Magnesium	35000	**86700** [A]	-	**60100** [A]	-	**102000** [A]	-	**94900** [A]	-	**77300** [A]	**30700**	**42100** [A]	**30800**	**44800** [A]	**46000** [A]	**81700** [A]	**65100** [A]	**53700** [A]	**50800** [A]	**52300** [A]
Magnesium (dissolved)	300	-	**84900** [A]	-	**102000** [A]	-	**117000** [A]	-	**103000** [A]	-	-	-	-	-	-	-	-	-	-	-
Manganese	300	**40**	-	**25**	-	**530** [A]	-	**110**	-	**2100 B** [A]	**80**	**80**	**86 B**	**6020** [A]	**4440** [A]	**8600** [A]	**7100** [A]	**6030** [A]	**4950** [A]	**5400** [A]
Manganese (dissolved)	300	-	**32**	-	**395** [A]	-	**313** [A]	-	**2570** [A]	-	-	-	-	-	-	-	-	-	-	-
Potassium	-	**14200**	-	**13800**	-	**7900**	-	**6900**	-	**6900**	**7600**	**12300**	**5700**	**4500**	**3900**	**5100**	**3700**	**9100**	**9600**	**11000**
Potassium (dissolved)	-	-	**24100**	-	**15700**	-	**19000**	-	**20600**	-	-	-	-	-	-	-	-	-	-	-
Sodium	20000	**213000** [A]	-	**3290000** [A]	-	**355000** [A]	-	**1710000** [A]	-	**1760000** [A]	**84700** [A]	**234000** [A]	**119000** [A]	**684000** [A]	**666000** [A]	**1060000** [A]	**958000** [A]	**1210000** [A]	**1250000** [A]	**1430000** [A]
Sodium (dissolved)	20000	-	**230000** [A]	-	**246000** [A]	-	**1600000** [A]	-	**1950000** [A]	-	-	-	-	-	-	-	-	-	-	-
Miscellaneous (ug/l)																				
Total organic carbon (TOC)	-	-	**28000**	**9200**	**22000**	1000 U	**17000**	1000 U	**9100**	**4100**	**1900**	**3000**	**2800**	**6500**	**4000**	-	**3300**	**8400**	**7000**	**3800**
Natural Attenuation Parameters (ug/l)																				
Alkalinity, total (as CaCO3)	-	**270000**	**310000**	**223000**	**300000**	**244000**	**290000**	**233000**	**320000**	**277000**	**341000**	**230000**	**294000**	**333000**	**274000**	**270000**	**272000**	**431000**	**420000**	**410000**
Ammonia	-	-	-	**530**	-	**300**	-	**110**	-	**110**	-	-	**38**	-	-	-	**1100**	-	-	-
Ammonia-N	2000	**980**	**1280**	-	**760**	-	**260**	-	**270**	-	**120**	**370**	-	**1550**	**1470**	**1890**	-	**1350**	**1740**	**1570**
Chloride	-	**410000**	**452000**	**267000**	**457000**	**683000**	**3100000**	**3410000**	**4260000**	**3230000 B**	**108000**	**410000**	**170000 B**	**1300000**	**1300000**	**2300000**	**1880000 B**	**2200000**	**2200000**	**2000000**
Methane	-	**40**	**72**	**15**	**86**	**18**	**32**	**6.9**	**348**	**64**	**8**	**8**	**7.1**	**24**	**12**	**870**	**42**	**160**	**3**	**21**
Methane	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nitrate (as N)	10000	50 U	600 U	50 U	600 U	50 U	600 U	**390**	600 U	50 U	**160**	**160**	**320**	50 U	50 U	50 U	50 U	50 U	**50**	50 U
Nitrite (as N)	10000	50 U	600 U	50 U	600 U	50 U	**900**	50 U	600 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Sulfate	250000	**430000** [A]	**460000** [A]	**463000** [A]	**588000** [A]	**562000** [A]	**379000** [A]	**362000** [A]	**265000** [A]	**175000**	**66000**	**144000**	**53500**	**110000**	**79000**	**140000**	**108000**	**98000**	**95000**	**91000**
Sulfide	50	100 U	**2400** [A]	100 U	**2000** [A]	100 U	**1200** [A]	100 U	**800** [A]	100 U	100 U	**1000** [A]	100 U	100 U	40 U	100 U	100 U	100 U	**400** [A]	100 U
Semi-Volatile Organic Compounds (ug/l)																				
Acenaphthene	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Anthracene	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)pyrene	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	0.002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(k)fluoranthene	0.002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bis(2-ethylhexyl)phthalate	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chrysene	0.002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fluoranthene	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fluorene	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	0.002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Phenanthrene	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pyrene	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Volatile Organic Compounds (ug/l)																				
1,1,1-Trichloroethane	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1,2-Trichloroethane	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethene	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3-Trichlorobenzene	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	0.04	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	0.0006	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	0.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethene (total)	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Chloroethyl vinyl ether	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Hexanone	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acetone	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acrolein	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acrylonitrile	0.07	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE IV
SITE-WIDE GROUNDWATER ANALYTICAL RESULTS
GMCH LOCKPORT FACILITY
LOCKPORT, NEW YORK

LOCATION DESCRIPTION	Class GA	Sitewide	Sitewide	Sitewide	Sitewide	Sitewide	Sitewide	Sitewide	Sitewide	Sitewide	Sitewide	Sitewide	Sitewide	Sitewide	Sitewide	Sitewide	Sitewide	Sitewide	Sitewide	Sitewide
LOCATION	TOGS 1.1.1	MW-7	MW-7	MW-7	MW-8	MW-8	MW-9	MW-9	MW-10	MW-10	MW-11	MW-11	MW-11	MW-12	MW-12	MW-12	MW-12	MW-13	MW-13	MW-13
DATE		2/24/2009	7/15/2009	4/22/2011	7/15/2009	4/22/2011	7/20/2009	4/22/2011	7/15/2009	4/21/2011	10/24/2006	11/28/2007	4/21/2011	10/25/2006	11/28/2007	3/16/2009	4/20/2011	10/24/2006	11/28/2007	11/5/2008
SAMPLE TYPE	ug/L	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Bromoform	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromomethane (Methyl bromide)	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon disulfide	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon tetrachloride	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chlorobromomethane	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloroethane	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloromethane (Methyl chloride)	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	5	**56000** [A]	**58200** [A]	**42000** [A]	**859** [A]	**810** [A]	**1670** [A]	**1100** [A]	**248** [A]	**230** [A]	2 U	**2**	1.0 U	**15** [A]	**11** [A]	**150** [A]	**96** [A]	2 U	2 U	2 U
cis-1,3-Dichloropropene	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Isopropyl benzene	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
m&p-Xylenes	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methylene chloride	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
o-Xylene	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Styrene	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	5	**71** [A]	**112** [A]	5000 U	**5.4** [A]	**7.7** [A]	**186** [A]	**180** [A]	**115** [A]	**67** [A]	2 U	2 U	1.0 U	2 U	2 U	**2**	1.0 U	2 U	2 U	2 U
Toluene	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
trans-1,2-Dichloroethene	5	**380 J** [A]	**107** [A]	5000 U	**6.3** [A]	**2.5**	50 U	**4.9**	5 U	**1.6**	2 U	2 U	1.0 U	2 U	2 U	2 U	1.0 U	2 U	2 U	2 U
trans-1,3-Dichloropropene	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene	5	**530000** [A]	**618000** [A]	**680000 B** [A]	**50.2** [A]	**78 B** [A]	**3290** [A]	**2300 B** [A]	**74.6** [A]	**88** [A]	2 U	2 U	1.0 U	2 U	2 U	**5.5** [A]	**1.2**	**2**	2 U	2 U
Trichlorofluoromethane (CFC-11)	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl acetate	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	2	**3600 J** [A]	**2450** [A]	5000 U	**98.1** [A]	**120** [A]	50 U	**32** [A]	**43.5** [A]	**27** [A]	2 U	**2**	1.0 U	**33** [A]	**14** [A]	**81** [A]	**37** [A]	2 U	2 U	2 U
Xylenes (total)	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Notes and Abbreviations:

1. Results shown in red exceed:
   [A]: Indicates result is greater than TOGS 1.1.1
2. Results shown in bold were detected.
3. U - Results not detected above shown reporting limit.
   J - Estimated result
4. Sample Types: N - Normal Sample, FD- Field Duplicate
5. Compounds compared to the NYSDEC Technical and Operational Guidance Series Glass GA Standards & Guidance (TOGS 1.1.1), June 1998 (Amended April 2000)

TABLE IV
SITE-WIDE GROUNDWATER ANALYTICAL RESULTS
GMCH LOCKPORT FACILITY
LOCKPORT, NEW YORK

LOCATION DESCRIPTION	Class GA	Sitewide	Sitewide	Sitewide	Sitewide	Sitewide	Sitewide	Sitewide	Sitewide	Sitewide	Sitewide	Sitewide	Sitewide	Sitewide	Sitewide	Sitewide
LOCATION	TOGS 1.1.1	MW-13	MW-14	MW-14	MW-14	MW-14	MW-15	MW-15	MW-15	TK-1	TK-2	TK-3	TK-4	TK-5	TK-6	TK-DUP
DATE		4/21/2011	10/24/2006	11/29/2007	2/24/2009	4/21/2011	10/24/2006	11/28/2007	4/21/2011	5/10/2011	5/17/2011	5/18/2011	5/18/2011	5/18/2011	5/18/2011	5/18/2011
SAMPLE TYPE	ug/L	N	N	N	N	N	N	N	N	N	N	N	N	N	N	FD
Metals (ug/l)																
Calcium	-	**210000**	-	-	**165000**	**149000**	-	-	**217000**	-	-	-	-	-	-	-
Iron	300	**7400** [A]	**150**	**440** [A]	**60**	**52**	20 U	**140**	**19 J**	-	-	-	-	-	-	-
Iron (dissolved)	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Magnesium	35000	**53200** [A]	**94900** [A]	**111000** [A]	**79800** [A]	**68000** [A]	**62300** [A]	**71700** [A]	**55500** [A]	-	-	-	-	-	-	-
Magnesium (dissolved)	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manganese	300	**6300 B** [A]	**200**	**250**	**180**	**190 B**	**270**	**390** [A]	**240 B**	-	-	-	-	-	-	-
Manganese (dissolved)	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Potassium	-	**8300**	**8000**	**10500**	**7300**	**5400**	**4700**	**4900**	**3700**	-	-	-	-	-	-	-
Potassium (dissolved)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sodium	20000	**1320000** [A]	**831000** [A]	**777000** [A]	**833000** [A]	**875000** [A]	**311000** [A]	**455000** [A]	**390000** [A]	-	-	-	-	-	-	-
Sodium (dissolved)	20000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Miscellaneous (ug/l)																
Total organic carbon (TOC)	-	**5800**	**3300**	**4000**	-	**2800**	**3600**	**2000**	**3500**	-	-	-	-	-	-	-
Natural Attenuation Parameters (ug/l)																
Alkalinity, total (as CaCO3)	-	**368000**	**336000**	**371000**	**299000**	**339000**	**434000**	**346000**	**394000**	-	-	-	-	-	-	-
Ammonia	-	**940**	-	-	-	**140**	-	-	20 U	-	-	-	-	-	-	-
Ammonia-N	2000	-	**250**	**530**	**230**	-	**90**	**1030**	-	-	-	-	-	-	-	-
Chloride	-	**2090000 B**	**1700000**	**1800000**	**1500000**	**1750000 B**	**660000**	**1100000**	**895000 B**	-	-	-	-	-	-	-
Methane	-	**58**	**310**	**160**	**150**	**16**	2 U	2 U	1.0 U	-	-	-	-	-	-	-
Methane	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nitrate (as N)	10000	**69**	50 U	50 U	**70**	**93**	**1890**	50 U	**950**	-	-	-	-	-	-	-
Nitrite (as N)	10000	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	-	-	-	-	-	-	-
Sulfate	250000	**105000**	**88000**	**87000**	**68000**	**78200**	**84000**	**74000**	**86700**	-	-	-	-	-	-	-
Sulfide	50	100 U	100 U	**120** [A]	100 U	100 U	100 U	40 U	100 U	-	-	-	-	-	-	-
Semi-Volatile Organic Compounds (ug/l)																
Acenaphthene	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Anthracene	50	-	-	-	-	-	-	-	-	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Benzo(a)pyrene	-	-	-	-	-	-	-	-	-	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Benzo(b)fluoranthene	0.002	-	-	-	-	-	-	-	-	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Benzo(g,h,i)perylene	-	-	-	-	-	-	-	-	-	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Benzo(k)fluoranthene	0.002	-	-	-	-	-	-	-	-	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Bis(2-ethylhexyl)phthalate	5	-	-	-	-	-	-	-	-	**17.8** [A]	10 U	10 U	**10.1** [A]	10 U	10 U	**22.2** [A]
Chrysene	0.002	-	-	-	-	-	-	-	-	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Dibenz(a,h)anthracene	-	-	-	-	-	-	-	-	-	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Fluoranthene	50	-	-	-	-	-	-	-	-	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Fluorene	50	-	-	-	-	-	-	-	-	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Indeno(1,2,3-cd)pyrene	0.002	-	-	-	-	-	-	-	-	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Naphthalene	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Phenanthrene	50	-	-	-	-	-	-	-	-	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Pyrene	50	-	-	-	-	-	-	-	-	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Volatile Organic Compounds (ug/l)																
1,1,1-Trichloroethane	5	-	-	-	-	-	-	-	-	2 U	2 U	2 U	2 U	2 U	2 U	2 U
1,1,2,2-Tetrachloroethane	5	-	-	-	-	-	-	-	-	2 U	2 U	2 U	2 U	2 U	2 U	2 U
1,1,2-Trichloroethane	1	-	-	-	-	-	-	-	-	2 U	2 U	2 U	2 U	2 U	2 U	2 U
1,1-Dichloroethane	5	-	-	-	-	-	-	-	-	2 U	2 U	2 U	2 U	2 U	2 U	2 U
1,1-Dichloroethene	5	-	-	-	-	-	-	-	-	2 U	2 U	2 U	2 U	2 U	2 U	2 U
1,2,3-Trichlorobenzene	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	0.04	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	0.0006	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	3	-	-	-	-	-	-	-	-	2 U	2 U	2 U	2 U	2 U	2 U	2 U
1,2-Dichloroethane	0.6	-	-	-	-	-	-	-	-	2 U	2 U	2 U	2 U	2 U	2 U	2 U
1,2-Dichloroethene (total)	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	1	-	-	-	-	-	-	-	-	2 U	2 U	2 U	2 U	2 U	2 U	2 U
1,3-Dichlorobenzene	3	-	-	-	-	-	-	-	-	2 U	2 U	2 U	2 U	2 U	2 U	2 U
1,4-Dichlorobenzene	3	-	-	-	-	-	-	-	-	2 U	2 U	2 U	2 U	2 U	2 U	2 U
2-Butanone (Methyl ethyl ketone) (MEK)	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Chloroethyl vinyl ether	-	-	-	-	-	-	-	-	-	2 U	2 U	2 U	2 U	2 U	2 U	3 U
2-Hexanone	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acetone	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acrolein	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acrylonitrile	0.07	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene	1	-	-	-	-	-	-	-	-	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Bromodichloromethane	50	-	-	-	-	-	-	-	-	2 U	2 U	2 U	2 U	2 U	2 U	2 U

TABLE IV
SITE-WIDE GROUNDWATER ANALYTICAL RESULTS
GMCH LOCKPORT FACILITY
LOCKPORT, NEW YORK

LOCATION DESCRIPTION	Class GA	Sitewide	Sitewide	Sitewide	Sitewide	Sitewide	Sitewide	Sitewide	Sitewide	Sitewide	Sitewide	Sitewide	Sitewide	Sitewide	Sitewide	Sitewide
LOCATION	TOGS 1.1.1	MW-13	MW-14	MW-14	MW-14	MW-14	MW-15	MW-15	MW-15	TK-1	TK-2	TK-3	TK-4	TK-5	TK-6	TK-DUP
DATE		4/21/2011	10/24/2006	11/29/2007	2/24/2009	4/21/2011	10/24/2006	11/28/2007	4/21/2011	5/10/2011	5/17/2011	5/18/2011	5/18/2011	5/18/2011	5/18/2011	5/18/2011
SAMPLE TYPE	ug/L	N	N	N	N	N	N	N	N	N	N	N	N	N	N	FD
Bromoform	50	-	-	-	-	-	-	-	-	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Bromomethane (Methyl bromide)	5	-	-	-	-	-	-	-	-	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Carbon disulfide	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon tetrachloride	5	-	-	-	-	-	-	-	-	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Chlorobenzene	5	-	-	-	-	-	-	-	-	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Chlorobromomethane	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloroethane	5	-	-	-	-	-	-	-	-	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Chloroform (Trichloromethane)	7	-	-	-	-	-	-	-	-	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Chloromethane (Methyl chloride)	5	-	-	-	-	-	-	-	-	2 U	2 U	2 U	2 U	2 U	2 U	2 U
cis-1,2-Dichloroethene	5	1.0 U	2 U	**10** [A]	**2.2**	1.0 U	2 U	2 U	1.0 U	-	-	-	-	-	-	-
cis-1,3-Dichloropropene	0.4	-	-	-	-	-	-	-	-	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Dibromochloromethane	50	-	-	-	-	-	-	-	-	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Dichlorodifluoromethane (CFC-12)	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	5	-	-	-	-	-	-	-	-	2 U	2 U	2 U	2 U	2 U	2 U	3 U
Isopropyl benzene	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
m&p-Xylenes	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	-	-	-	-	-	-	-	-	-	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Methylene chloride	5	-	-	-	-	-	-	-	-	2 U	2 U	2 U	2 U	2 U	2 U	2 U
o-Xylene	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Styrene	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	5	1.0 U	2 U	2 U	2 U	1.0 U	**7** [A]	**7** [A]	**6.7** [A]	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Toluene	5	-	-	-	-	-	-	-	-	2 U	2 U	2 U	2 U	2 U	2 U	2 U
trans-1,2-Dichloroethene	5	1.0 U	2 U	2 U	2 U	1.0 U	2 U	2 U	1.0 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
trans-1,3-Dichloropropene	0.4	-	-	-	-	-	-	-	-	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Trichloroethene	5	1.0 U	2 U	2 U	**16** [A]	1.0 U	2 U	2 U	**0.65 J**	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Trichlorofluoromethane (CFC-11)	5	-	-	-	-	-	-	-	-	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Vinyl acetate	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	2	1.0 U	2 U	2 U	2 U	1.0 U	2 U	2 U	1.0 U	2 U	2 U	2 U	2 U	2 U	2 U	3 U
Xylenes (total)	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Notes and Abbreviations:

1. Results shown in red exceed:
   [A]: Indicates result is greater than TOGS 1.1.1
2. Results shown in bold were detected.
3. U - Results not detected above shown reporting limit.
   J - Estimated result
4. Sample Types: N - Normal Sample, FD- Field Duplicate
5. Compounds compared to the NYSDEC Technical and Operational Guidance Series Glass GA Standards & Guidance (TOGS 1.1.1), June 1998 (Amended April 2000)

TABLE V
VAPOR INTRUSION ANALYTICAL RESULTS - BUILDING 7
GMCH LOCKPORT FACILITY
LOCKPORT, NEW YORK
BCP SITE #C932138

BUILDING	Building 7	Building 7	Building 7	Building 7	Building 7	Building 7	Building 7	Building 7	Building 7	Building 7	Building 7	Building 7	Building 7	Building 7
LOCATION	7-VI-10IA	7-VI-10SS	7-VI-11IA	7-VI-11SS	7-VI-1IA	7-VI-1SS	7-VI-2IA	7-VI-2SS	7-VI-3IA	7-VI-3SS	7-VI-4IA	7-VI-4SS	7-VI-5IA	7-VI-5SS
DATE	1/18/2011	1/18/2011	1/18/2011	1/18/2011	1/18/2011	1/18/2011	1/18/2011	1/18/2011	1/18/2011	1/18/2011	1/18/2011	1/18/2011	1/18/2011	1/18/2011
SAMPLE TYPE	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Volatile Organic Compounds (ug/m3)														
1,1,1-Trichloroethane	4.4 U	2.2 U	0.87 U	1.1 U	4.4 U	4.4 U	2.2 U	53 U	1.1 U	1.1 U	0.87 U	8.7 U	1.1 U	230 U
1,1,2,2-Tetrachloroethane	5.5 U	2.7 U	1.1 U	1.4 U	5.5 U	5.5 U	2.7 U	67 U	1.4 U	1.4 U	1.1 U	11 U	1.4 U	300 U
1,1,2-Trichloroethane	4.4 U	2.2 U	0.87 U	1.1 U	4.4 U	4.4 U	2.2 U	53 U	1.1 U	1.1 U	0.87 U	8.7 U	1.1 U	230 U
1,1-Dichloroethane	3.2 U	1.6 U	0.65 U	0.81 U	3.2 U	3.2 U	1.6 U	39 U	0.81 U	0.81 U	0.65 U	6.5 U	0.81 U	170 U
1,1-Dichloroethene	3.2 U	1.6 U	0.63 U	0.79 U	3.2 U	3.2 U	1.6 U	**41**	0.79 U	0.79 U	0.63 U	6.3 U	0.79 U	170 U
1,2,4-Trichlorobenzene	5.9 U	3.0 U	1.2 U	1.5 U	5.9 U	5.9 U	3.0 U	72 U	1.5 U	1.5 U	1.2 U	12 U	1.5 U	320 U
1,2,4-Trimethylbenzene	3.9 U	**9.2**	**3.6**	**10**	3.9 U	**4.3**	2.0 U	48 U	**5.3**	**2.2**	**5.4**	7.9 U	**4**	210 U
1,2-Dibromoethane (Ethylene dibromide)	6.1 U	3.1 U	1.2 U	1.5 U	6.1 U	6.1 U	3.1 U	75 U	1.5 U	1.5 U	1.2 U	12 U	1.5 U	330 U
1,2-Dichlorobenzene	4.8 U	2.4 U	0.96 U	1.2 U	4.8 U	4.8 U	2.4 U	58 U	1.2 U	1.2 U	0.96 U	9.6 U	1.2 U	260 U
1,2-Dichloroethane	3.2 U	1.6 U	0.65 U	0.81 U	3.2 U	3.2 U	1.6 U	39 U	0.81 U	0.81 U	0.65 U	6.5 U	0.81 U	170 U
1,2-Dichloropropane	3.7 U	1.8 U	0.74 U	0.92 U	3.7 U	3.7 U	1.8 U	45 U	0.92 U	0.92 U	0.74 U	7.4 U	0.92 U	200 U
1,2-Dichlorotetrafluoroethane (CFC 114)	5.6 U	2.8 U	1.1 U	1.4 U	5.6 U	5.6 U	2.8 U	68 U	1.4 U	1.4 U	1.1 U	11 U	1.4 U	300 U
1,3,5-Trimethylbenzene	3.9 U	**3.4**	**1.9**	**3.6**	3.9 U	3.9 U	2.0 U	48 U	**2.4**	**1.4**	**2.3**	7.9 U	**1.7**	210 U
1,3-Dichlorobenzene	4.8 U	2.4 U	0.96 U	1.2 U	4.8 U	4.8 U	2.4 U	58 U	1.2 U	**3.2**	0.96 U	9.6 U	1.2 U	260 U
1,4-Dichlorobenzene	4.8 U	**23**	**13**	**24**	4.8 U	4.8 U	2.4 U	58 U	**13**	1.2 U	**19**	9.6 U	**6.7**	260 U
1,4-Dioxane	7.2 U	3.6 U	1.4 U	1.8 U	7.2 U	7.2 U	3.6 U	86 U	1.8 U	**21**	1.4 U	14 U	1.8 U	400 U
2,2,4-Trimethylpentane	9.3 U	4.7 U	**6**	**2.5**	9.3 U	9.3 U	4.7 U	110 U	**4.9**	2.3 U	**4.2**	19 U	2.3 U	510 U
2-Butanone (Methyl ethyl ketone) (MEK)	**69**	**18**	**80**	**23 J**	**31**	**92**	4.7 U	120 U	**42**	**43**	**36**	**65**	**21 J**	500 UJ
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	8.2 U	**7**	**18**	**9**	**20**	**20**	4.1 U	98 U	**11**	**34**	**9.1**	16 U	**7.6**	450 U
Benzene	2.6 U	**2.1**	**1.6**	**2.1**	2.6 U	2.6 U	**1.6**	31 U	**1.7**	**5.5**	**2**	**13**	**1.1**	140 U
Benzyl chloride	8.3 U	4.1 U	1.7 U	2.1 U	8.3 U	8.3 U	4.1 U	98 U	2.1 U	2.1 U	1.7 U	17 U	2.1 U	450 U
Bromodichloromethane	5.4 U	2.7 U	1.1 U	1.3 U	5.4 U	5.4 U	2.7 U	65 U	1.3 U	**21**	1.1 U	11 U	1.3 U	290 U
Bromoform	8.3 U	4.1 U	1.7 U	2.1 UJ	8.3 U	8.3 U	4.1 U	100 U	2.1 U	2.1 U	1.7 U	17 U	2.1 UJ	440 UJ
Bromomethane (Methyl bromide)	3.1 U	1.6 U	0.62 U	0.78 U	3.1 U	3.1 U	1.6 U	38 U	0.78 U	0.78 U	0.62 U	6.2 U	0.78 U	170 U
Carbon tetrachloride	2.5 U	1.3 U	**0.59**	**0.7**	2.5 U	2.5 U	1.3 U	31 U	0.63 U	**1.7**	**0.61**	5.0 U	0.63 U	130 U
Chlorobenzene	3.7 U	1.8 U	0.74 U	0.92 U	3.7 U	3.7 U	1.8 U	45 U	0.92 U	0.92 U	0.74 U	7.4 U	0.92 U	200 U
Chloroethane	2.1 U	1.1 U	0.42 U	0.53 U	2.1 U	2.1 U	1.1 U	26 U	0.53 U	0.53 U	0.42 U	4.2 U	0.53 U	110 U
Chloroform (Trichloromethane)	3.9 U	**4.2**	0.78 U	0.98 U	3.9 U	3.9 U	2.0 U	47 U	0.98 U	**100**	0.78 U	**13**	0.98 U	210 U
Chloromethane (Methyl chloride)	4.1 UJ	2.1 UJ	**1.6 J**	1.0 U	4.1 U	4.1 U	2.1 U	50 U	**1.8 J**	**1.5 J**	**1.5**	8.3 U	1.0 U	230 U
cis-1,2-Dichloroethene	3.2 U	1.6 U	0.63 U	**6.4**	3.2 U	**15**	1.6 U	**410**	**1.2**	0.79 U	**2.3**	**1700**	**0.86**	**310**
cis-1,3-Dichloropropene	3.6 U	1.8 U	0.73 U	0.91 U	3.6 U	3.6 U	1.8 U	44 U	0.91 U	0.91 U	0.73 U	7.3 U	0.91 U	200 U
Cyclohexane	6.9 U	3.4 U	1.4 U	**2.5**	6.9 U	6.9 U	3.4 U	83 U	1.7 U	**5.1**	1.4 U	**14**	1.7 U	380 U
Dibromochloromethane	6.8 U	3.4 U	1.4 U	1.7 U	6.8 U	6.8 U	3.4 U	83 U	1.7 U	1.7 U	1.4 U	14 U	1.7 U	370 U
Dichlorodifluoromethane (CFC-12)	4.0 UJ	**3.1 J**	**3.5 J**	**2.9**	**37**	4.0 U	**3.6**	48 U	**3.9 J**	**2.8 J**	**3.7**	7.9 U	**2.7**	**3600**
Ethanol	15 U	7.5 U	**6.4**	**27**	**97**	**18**	**7.9**	180 U	**19**	**360**	**130**	**75**	**110**	810 U
Ethylbenzene	**28**	**19**	**22**	**19**	3.5 U	**32**	1.7 U	42 U	**20**	**2.5**	**18**	**21**	**15**	190 U
Hexachlorobutadiene	8.5 U	4.3 U	1.7 U	2.1 U	8.5 U	8.5 U	4.3 U	100 U	2.1 U	2.1 U	1.7 U	17 U	2.1 U	460 U
Hexane	7.0 U	**6**	**2.2**	**6.7**	7.0 U	7.0 U	3.5 U	85 U	**2.3**	**12**	**1.9**	**47**	1.8 U	390 U
m&p-Xylenes	**85**	**71**	**70**	**74**	3.5 U	**97**	**2.5**	**59**	**69**	**5.7**	**59**	**70**	**56**	190 U
Methyl tert butyl ether (MTBE)	5.8 U	2.9 U	1.2 U	1.4 U	5.8 U	5.8 U	2.9 U	69 U	1.4 U	1.4 U	1.2 U	12 U	1.4 U	310 U
Methylene chloride	6.9 U	3.5 U	**4.1**	1.7 U	3.5 U	6.9 U	3.5 U	83 U	**1.9**	1.7 U	**2**	14 U	1.7 U	380 U
o-Xylene	**13**	**20**	**14**	**18**	3.5 U	**15**	1.7 U	42 U	**16**	**2.2**	**14**	**14**	**12**	190 U
Styrene	3.4 U	**5**	**2.9**	**4.4**	3.4 U	3.4 U	1.7 U	41 U	**4.2**	0.85 U	**4.5**	6.8 U	**3.1**	180 U
tert-Butyl alcohol	**27**	**14**	**27**	**19**	**66**	**29**	4.9 U	120 U	**15**	**72**	**12**	**34**	**18**	520 U
Tetrachloroethene	**13**	**110**	**8.2**	**200**	5.4 U	**39**	**5**	**2200**	**7.3**	**290**	**6.7**	**280**	**6.5**	**760**
Toluene	**19**	**210**	**19**	**150**	**99**	**190**	**92**	**83**	**21**	**77**	**21**	**170**	**15**	**170**
trans-1,2-Dichloroethene	3.2 U	1.6 U	0.63 U	0.79 U	3.2 U	3.2 U	1.6 U	**88**	0.79 U	0.79 U	0.63 U	**20**	0.79 U	170 U
trans-1,3-Dichloropropene	3.6 U	1.8 U	0.73 U	0.91 U	3.6 U	3.6 U	1.8 U	44 U	0.91 U	0.91 U	0.73 U	7.3 U	0.91 U	200 U
Trichloroethene	**7.9**	**17**	**6.5**	**15**	**3**	**9.9**	**2.7**	**10000**	**6.9**	**63**	**7.3**	**2300**	**4.8**	**480**
Trichlorofluoromethane (CFC-11)	4.5 U	2.2 U	**2.3**	**1.7**	4.5 U	4.5 U	2.2 U	54 U	**2.1**	**1.8**	**3.3**	9.0 U	**7.1**	240 U
Trifluorotrichloroethane (Freon 113)	6.1 U	**4.8**	1.2 U	1.5 U	6.1 U	6.1 U	3.1 U	74 U	1.5 U	1.5 U	**1.2**	12 U	1.5 U	**62000**
Vinyl chloride	2.0 U	1.0 U	0.41 U	0.51 U	2.0 U	2.0 U	1.0 U	25 U	0.51 U	0.51 U	0.41 U	**46**	0.51 U	**310**

Notes and Abbreviations:

1. Results shown in **bold** were detected.
2. U - Results not detected above shown reporting limit.
   J - Estimated result
3. Sample Types: N - Normal Sample, FD- Field Duplicate
4. The results were compared against the October 2006 Soil Vapor/Indoor Air Matrices included in the NYSDOH Guidance for evaluating soil vapor intrusion in the state of New York. Color coding is as follows:

White = No Further Action
Green = Take reasonable and practical actions to identify sources
Yellow = Monitor
Orange = Monitor/Mitigate
Red = Mitigate

5. Only bolded analytes have applicable comparison criteria.

TABLE V
VAPOR INTRUSION ANALYTICAL RESULTS - BUILDING 7
GMCH LOCKPORT FACILITY
LOCKPORT, NEW YORK
BCP SITE #C932138

BUILDING	Building 7	Building 7	Building 7	Building 7	Building 7	Building 7	Building 7	Building 7	Building 7	Building 7
LOCATION	7-VI-6IA	7-VI-6IA	7-VI-6SS	7-VI-7IA	7-VI-7SS	7-VI-8IA	7-VI-8SS	7-VI-9IA	7-VI-9SS	7-VI-OUT
DATE	1/18/2011	1/20/2011	1/20/2011	1/18/2011	1/18/2011	1/18/2011	1/18/2011	1/18/2011	1/18/2011	1/18/2011
SAMPLE TYPE	N	N	N	N	N	N	N	N	N	N
Volatile Organic Compounds (ug/m3)										
1,1,1-Trichloroethane	2.2 U	0.87 U	0.87 U	1.1 U	10000 U	2.3 U	220 U	0.44 U	20 U	0.87 U
1,1,2,2-Tetrachloroethane	2.7 U	1.1 U	1.1 U	1.4 U	13000 U	3.0 U	280 U	0.55 U	25 U	1.1 U
1,1,2-Trichloroethane	2.2 U	0.87 U	0.87 U	1.1 U	10000 U	2.3 U	220 U	0.44 U	20 U	0.87 U
1,1-Dichloroethane	1.6 U	0.65 U	0.65 U	0.81 U	7700 U	1.7 U	170 U	0.32 U	**25**	0.65 U
1,1-Dichloroethene	1.6 U	0.63 U	0.63 U	0.79 U	**7900**	1.7 U	160 U	0.32 U	**130**	0.63 U
1,2,4-Trichlorobenzene	3.0 U	1.2 U	1.2 U	1.5 U	14000 U	3.2 U	300 U	0.59 U	27 U	1.2 U
1,2,4-Trimethylbenzene	**3**	**0.98**	0.79 U	**7.6**	9300 U	**11**	200 U	0.39 U	18 U	0.79 U
1,2-Dibromoethane (Ethylene dibromide)	3.1 U	1.2 U	1.2 U	1.5 U	15000 U	3.3 U	320 U	0.61 U	28 U	1.2 U
1,2-Dichlorobenzene	2.4 U	0.96 U	0.96 U	1.2 U	11000 U	2.6 U	250 U	0.48 U	22 U	0.96 U
1,2-Dichloroethane	1.6 U	0.65 U	0.65 U	0.81 U	7700 U	1.7 U	170 U	0.32 U	15 U	0.65 U
1,2-Dichloropropane	1.8 U	0.74 U	0.74 U	0.92 U	8800 U	2.0 U	190 U	0.37 U	17 U	0.74 U
1,2-Dichlorotetrafluoroethane (CFC 114)	2.8 U	1.1 U	1.1 U	1.4 U	13000 U	3.0 U	290 U	0.56 U	25 U	1.1 U
1,3,5-Trimethylbenzene	2.0 U	0.79 U	0.79 U	**3.4**	9300 U	**5**	200 U	0.39 U	18 U	0.79 U
1,3-Dichlorobenzene	2.4 U	0.96 U	0.96 U	1.2 U	11000 U	2.6 U	250 U	0.48 U	22 U	0.96 U
1,4-Dichlorobenzene	**4**	0.96 U	0.96 U	**17**	11000 U	**46**	250 U	0.48 U	22 U	0.96 U
1,4-Dioxane	3.6 U	1.4 U	1.4 U	1.8 U	17000 U	4.0 U	360 U	0.72 U	33 U	**1.9**
2,2,4-Trimethylpentane	4.7 U	1.9 U	1.9 U	**7.5**	22000 U	**7.2**	470 U	**1.1**	43 U	1.9 U
2-Butanone (Methyl ethyl ketone) (MEK)	**47 J**	1.9 U	**18 J**	**90**	23000 UJ	**110**	470 U	0.94 U	**70**	**13**
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	2.0 U	1.6 U	1.6 U	**17**	20000 U	**25**	410 U	0.82 U	37 U	**6.2**
Benzene	**1.6**	**1.9**	**1**	**2.3**	6100 U	**3.6**	130 U	**1.7**	12 U	**0.87**
Benzyl chloride	4.1 U	1.7 U	1.7 U	2.1 U	20000 U	4.5 U	420 U	0.83 U	38 U	1.7 U
Bromodichloromethane	2.7 U	1.1 U	1.1 U	1.3 U	13000 U	2.9 U	270 U	0.54 U	24 U	1.1 U
Bromoform	4.1 UJ	1.7 U	1.7 UJ	2.1 U	20000 UJ	4.4 U	420 U	0.83 U	37 U	1.7 U
Bromomethane (Methyl bromide)	1.6 U	0.62 U	0.62 U	0.78 U	7400 U	1.7 U	160 U	0.31 U	14 U	0.62 U
Carbon tetrachloride	1.3 U	**0.51**	0.50 U	0.63 U	6000 U	1.4 U	130 U	**0.51**	11 U	0.50 U
Chlorobenzene	1.8 U	0.74 U	0.74 U	0.92 U	8700 U	2.0 U	190 U	0.37 U	17 U	0.74 U
Chloroethane	1.1 U	0.42 U	0.42 U	0.53 U	5000 U	**4.2**	110 U	**2.3**	9.5 U	0.42 U
Chloroform (Trichloromethane)	2.0 U	0.78 U	0.78 U	0.98 U	9300 U	2.1 U	**890**	0.39 U	**210**	0.78 U
Chloromethane (Methyl chloride)	**3**	**1.8 J**	0.83 U	**1.7 J**	9900 U	**5.0 J**	210 U	**2.5 J**	19 UJ	**1.6**
cis-1,2-Dichloroethene	1.6 U	**1.2**	**2**	**1.3**	**2400000**	**34**	**2000**	**1.9**	**1000**	0.63 U
cis-1,3-Dichloropropene	1.8 U	0.73 U	0.73 U	0.91 U	8600 U	2.0 U	190 U	0.36 U	16 U	0.73 U
Cyclohexane	3.4 U	1.4 U	1.4 U	1.7 U	17000 U	3.8 U	340 U	0.69 U	31 U	1.4 U
Dibromochloromethane	3.4 U	1.4 U	1.4 U	1.7 U	16000 U	3.7 U	350 U	0.68 U	31 U	1.4 U
Dichlorodifluoromethane (CFC-12)	**4.2**	**4.0 J**	**2.6**	**4.2 J**	9400 U	**3.3**	200 U	**3.1 J**	**29 J**	**2.8**
Ethanol	**510**	**3.1**	**21**	**74**	36000 U	**1000**	770 U	**1.7**	68 U	**220**
Ethylbenzene	**22**	**1.6**	0.69 U	**39**	8300 U	**39**	180 U	**1.1**	**27**	0.69 U
Hexachlorobutadiene	4.3 U	1.7 U	1.7 U	2.1 U	20000 U	4.6 U	440 U	0.85 U	38 U	1.7 U
Hexane	3.5 U	**5.1**	**2.9**	**7**	17000 U	**17**	350 U	**2**	32 U	**1.8**
m&p-Xylenes	**73**	**4.7**	**1.2**	**120**	8300 U	**140**	180 U	**2**	**89**	0.69 U
Methyl tert butyl ether (MTBE)	2.9 U	1.2 U	1.2 U	1.4 U	14000 U	3.1 U	290 U	0.58 U	26 U	1.2 U
Methylene chloride	3.5 U	1.4 U	**14**	**2.5**	17000 U	**5.8**	350 U	**1.5**	32 U	1.4 U
o-Xylene	**14**	**1.4**	0.69 U	**23**	8300 U	**31**	180 U	0.35 U	16 U	0.69 U
Styrene	**2.8**	0.68 U	0.68 U	**6.2**	8100 U	**6**	170 U	0.34 U	15 U	0.68 U
tert-Butyl alcohol	**29**	1.9 U	**6.2**	**34**	23000 U	**21**	490 U	0.97 U	45 U	**19**
Tetrachloroethene	**9.6**	**4.7**	**12**	**16**	**7600000**	**230**	**70000**	**5.4**	**11000**	**1.3**
Toluene	**19**	**13**	**3.9**	**27**	7200 U	**35**	150 U	**4**	**95**	**27**
trans-1,2-Dichloroethene	1.6 U	0.63 U	0.63 U	0.79 U	**16000**	1.7 U	**450**	0.32 U	**1300**	0.63 U
trans-1,3-Dichloropropene	1.8 U	0.73 U	0.73 U	0.91 U	8600 U	2.0 U	190 U	0.36 U	16 U	0.73 U
Trichloroethene	**7.2**	**3.5**	**160**	**10**	**1800000**	**53**	**16000**	**5.8**	**1300**	**1**
Trichlorofluoromethane (CFC-11)	**12**	**11**	**4.9**	**10**	11000 U	**4.4**	230 U	**2.8**	20 U	**1.4**
Trifluorotrichloroethane (Freon 113)	3.1 U	1.2 U	**7.6**	1.5 U	15000 U	3.3 U	310 U	**0.75**	**56**	1.2 U
Vinyl chloride	1.0 U	0.41 U	0.41 U	0.51 U	**24000**	1.1 U	100 U	**0.24**	**16**	0.41 U

Notes and Abbreviations:

1. Results shown in **bold** were detected.
2. U - Results not detected above shown reporting limit.
   J - Estimated result
3. Sample Types: N - Normal Sample, FD- Field Duplicate
4. The results were compared against the October 2006 Soil Vapor/Inc

White = No Further Action
Green = Take reasonable and practical actions to identify sources
Yellow = Monitor
Orange = Monitor/Mitigate
Red = Mitigate

5. Only bolded analytes have applicable comparison criteria.

Table VI
Summary of Groundwater Elevation Measurements
GMCH Lockport Facility
Building 7 BCP Site

Monitoring Point	Monitoring Point Elevation (feet)	5/2/2011 Groundwater Depth (feet)	5/2/2011 Groundwater Elevation (feet)
MW-3 S	613.28	7.65	605.63
MW-4	613.07	7.84	605.23
MW-7	613.86	6.15	607.71
MW-8	608.97	5.79	603.18
MW-9	604.90	7.67	597.23
MW-10	604.70	13.82	590.88
MW-11	590.10	5.35	584.75
MW-12	590.71	5.76	584.95
MW-13 *	589.02	4.82	584.20
MW-14	592.77	4.79	587.98
MW-15	594.04	7.41	586.63
MW-6-1	598.23	2.17	596.06
MW-6-2	609.33	3.21	606.12
MW-7-1	597.67	2.25	595.42
MW-7-2	592.57	3.62	588.95
MW-7-3	594.04	3.12	590.92
MW-7-4	593.53	11.79	581.74
MW-7-5	610.96	8.78	602.18
MW-7-6	606.30	3.26	603.04
MW-7-7	610.24	1.89	608.35
MW-7-8	610.92	0.80	610.12
Bldg 10 MW-1	615.05	5.79	609.26
TK-1	622.7	5.07	617.63
TK-2	616.96	3.56	613.40
TK-3	619.95	8.59	611.36
TK-4	618.8	8.34	610.46
TK-5	618.9	6.93	611.97
TK-6	621.69	8.64	613.05
MW-7-A-6	612.13	1.93	610.20
MW-8-003-B	610.94	4.72	606.22
MW-8-1	615.11	5.20	609.91
MW-8-2	615.14	7.61	607.53
MW-8-3	615.06	8.57	606.49
MW-8-4	613.42	6.77	606.65
MW-6-F-7	613.42	4.22	609.20
MW-6-F-8	613.22	2.41	610.81
MW-6-F-9	613.13	5.61	607.52
MW-7-P-1	615.09	9.23	605.86
MW-9-101-A	615.00	5.06	609.94
MW-10-2	610.96	2.61	608.35
MW-10-3	610.4	2.97	607.43
MW-7-C-2	609.42	4.65	604.77
MW-9-12	614.92	8.67	606.25

Notes:
1. Elevations shown were calculated based on measurements made by GZA on May 2, 2011.
2. Monitoring points have been established at the top of the PVC casing for each well.
3. NM - Not measured.
4. NI - Not installed at the time of the measurement.
5. * = monitoring point is top of steel casing.

GMCH LOCKPORT BUILDING 7 BCP SITE REMEDIAL INVESTIGATION PROGRAM
GENERAL MOTORS COMPONANTS HOLDINGS
LOCKPORT, NEW YORK

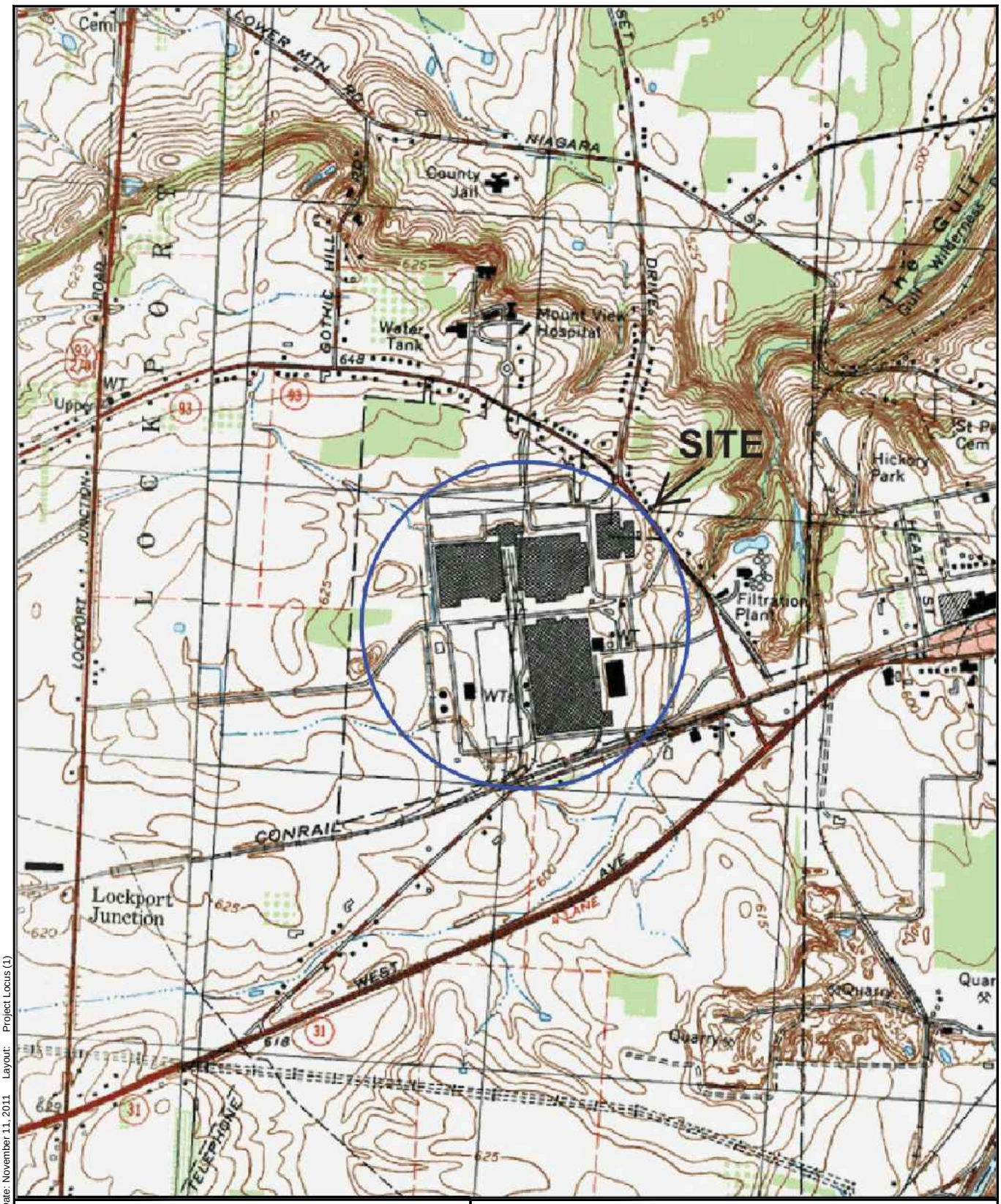
Media	Constituents of Concern (COCs)	Fate & Transport	Potentially Affected Populations	Exposure Pathways *Ingestion*	*Absorption*	*Inhalation*	Potential Exposure Setting & Mechanism
Soil	▪ Polycyclic Aromatic Hydrocarbons (PAHs) ▪ Chlorinated Solvents (PCE, TCE, 1,1-DCE, 1,2-DCE, cis-1,2-DCE, Vinyl Chloride)	▪ PAHs are confined to the soil layer. These COCs are relatively-immobile and have not impacted groundwater. ▪ Chlorinated solvents are primarily encountered in deeper soils, likely as a result of impact from contaminated groundwater. ▪ The Site is largely covered with building foundations and pavement, with access controlled which precludes direct exposure to impacted soil. ▪ PAHs could be present in dust potentially generated during excavation activities within the soil. Chlorinated solvents in soil could become present in air if the soil is disturbed during a future excavation scenario.	▪ Current Site Workers ▪ Future Site Workers/ Occupants	Incomplete	Incomplete	Incomplete	**Ingestion:** No current pathway exists due to the presence of the buildings and pavement covering a majority of the Site. COCs could become a potential future exposure pathway if the soil is exposed during excavation and inadvertently ingested. **Absorption:** No current pathway exists due to the presence of the buildings and pavement covering a majority of the Site. COCs could become a potential future exposure pathway if soil is exposed during excavation and contacts skin. **Inhalation:** No current pathway exists due to the presence of the buildings and pavement covering a majority of the Site. Could become a potential future exposure pathway soil is disturbed, and dust particles are generated. Inhalation of COCs via vapor/air originating from soil contamination is possible. Refer to discussion below.
			▪ Future Construction Workers (if the Site is re-developed or excavation is to occur)	Potentially Complete	Potentially Complete	Potentially Complete	

GMCH LOCKPORT BUILDING 7 BCP SITE REMEDIAL INVESTIGATION PROGRAM
GENERAL MOTORS COMPONANTS HOLDINGS
LOCKPORT, NEW YORK

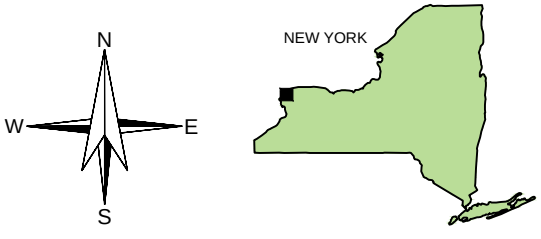
Media	Constituents of Concern (COCs)	Fate & Transport	Potentially Affected Populations	Exposure Pathways *Ingestion*	*Absorption*	*Inhalation*	Potential Exposure Setting & Mechanism
Groundwater	▪ Chlorinated Solvents (PCE, TCE, 1,1-DCE, 1,2-DCE, cis-1,2-DCE, Vinyl Chloride)	▪ Groundwater is not currently, nor is it intended to be used for drinking water purposes, nor is it used for industrial pumping purposes. ▪ Groundwater flow direction is towards the east, and there is a potential for contaminated groundwater to migrate to the eastern portion of the Site and offsite without mitigation. ▪ Volatilization of chlorinated solvents from groundwater could be emitted into ambient air.	▪ Current Site Workers ▪ Future Site Workers/ Occupants under current use scenario	Incomplete	Incomplete	Not Applicable	**Ingestion:** No current pathway. The Site groundwater is not currently used, nor under any reasonable future use scenario would groundwater be used for potable water. However, if used in the future, an exposure pathway could become complete. **Absorption:** No current pathway. Could be a future potential exposure pathway under a different non-potable usage scenario if impacted groundwater comes into contact with skin, and COC absorbed (i.e. – inadvertently coming in contact with it during a future excavation or groundwater sampling event). It is anticipated that if encountered as part of excavation or future groundwater sampling, extracted groundwater would otherwise be largely isolated from exposure (e.g. contained within the process-pipes, tanks, drums, etc.). **Inhalation:** Inhalation of groundwater is unlikely and not a complete pathway, though inhalation of COCs via vapor/air originating from groundwater contamination is possible. Refer to discussion below.
			▪ Future Construction Workers (if the Site is re-developed or excavation is to occur) or site occupants under another use scenario	Incomplete	Potentially Complete	Not Applicable	

GMCH LOCKPORT BUILDING 7 BCP SITE REMEDIAL INVESTIGATION PROGRAM
GENERAL MOTORS COMPONANTS HOLDINGS
LOCKPORT, NEW YORK

Media	Constituents of Concern (COCs)	Fate & Transport	Potentially Affected Populations	Exposure Pathways *Ingestion*	*Absorption*	*Inhalation*	Potential Exposure Setting & Mechanism
Soil Vapor/Air	▪ Chlorinated Solvents (PCE, TCE, 1,1-DCE, 1,2-DCE, cis-1,2-DCE, Vinyl Chloride)	▪ Based on sub-slab vapor and indoor air testing conducted within the Site building as part of the RI, COC-impacted vapor and air have been identified that will require mitigation per NYSDOH guidance. ▪ There is a potential that COC vapors could be emitted into the ambient air if soil is excavated and/or groundwater is exposed to surface in the future.	▪ Current Site Workers ▪ Future Site Workers/ Occupants	Not Applicable	Not Applicable	Complete	**Ingestion:** Not an applicable pathway. **Absorption:** Not an applicable pathway. **Inhalation:** Currently a complete exposure pathway exists within Building 7. According to NYSDOH guidance, mitigation via a sub-slab depressurization system or other active measure is required. Such a measure will be considered as part of the Remedial Action or as part of an Interim Remedial Measure for the Site. A potentially complete pathway also exists should the building foundations and and/or soil be disturbed in the future or if groundwater is extracted or exposed. Such exposure in the future should be managed under a Site Management Plan for the Site.
			▪ Future Construction Workers (if the Site is re-developed or excavation is to occur)	Not Applicable	Not Applicable	Potentially Complete	



SITE COORDINATES: 43°10'2"N 78°44'12"W



U.S.G.S. QUADRANGLE: LOCKPORT, NEW YORK

HALEY & ALDRICH

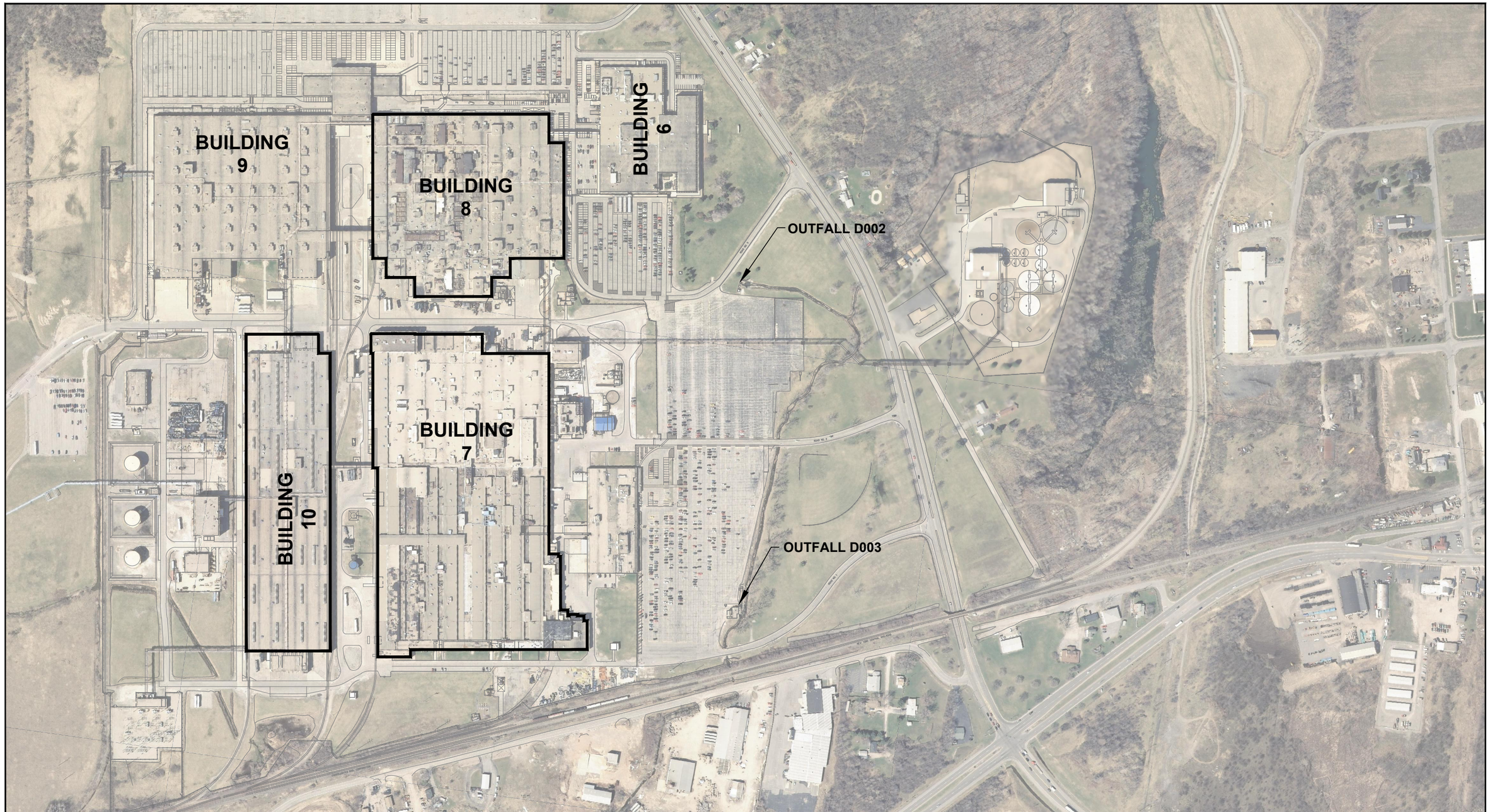
GM COMPONENTS HOLDINGS, LLC
LOCKPORT FACILITY
200 UPPER MOUNTAIN ROAD
LOCKPORT, NEW YORK

PROJECT LOCUS

SCALE: 1:24000
NOVEMBER 2011

FIGURE 1

Drawing Name: G:\36795_GM Lockport\CAD\36795-BLDG7-01.dwg Layout: Project Locus (1)
Operator Name: LUCIDO, SAM Plot Date: November 11, 2011



NOTES:

1. THIS FIGURE IS BASED ON THE DRAWING PROVIDED BY DELPHI THERMAL AND INTERIOR SYSTEMS, DATED SEPTEMBER 2007.
2. AERIAL IMAGERY COURTESY OF NYS GIS CLEARINGHOUSE, 2008.

N
W E
S

0 400 800
SCALE IN FEET

HALEY & ALDRICH

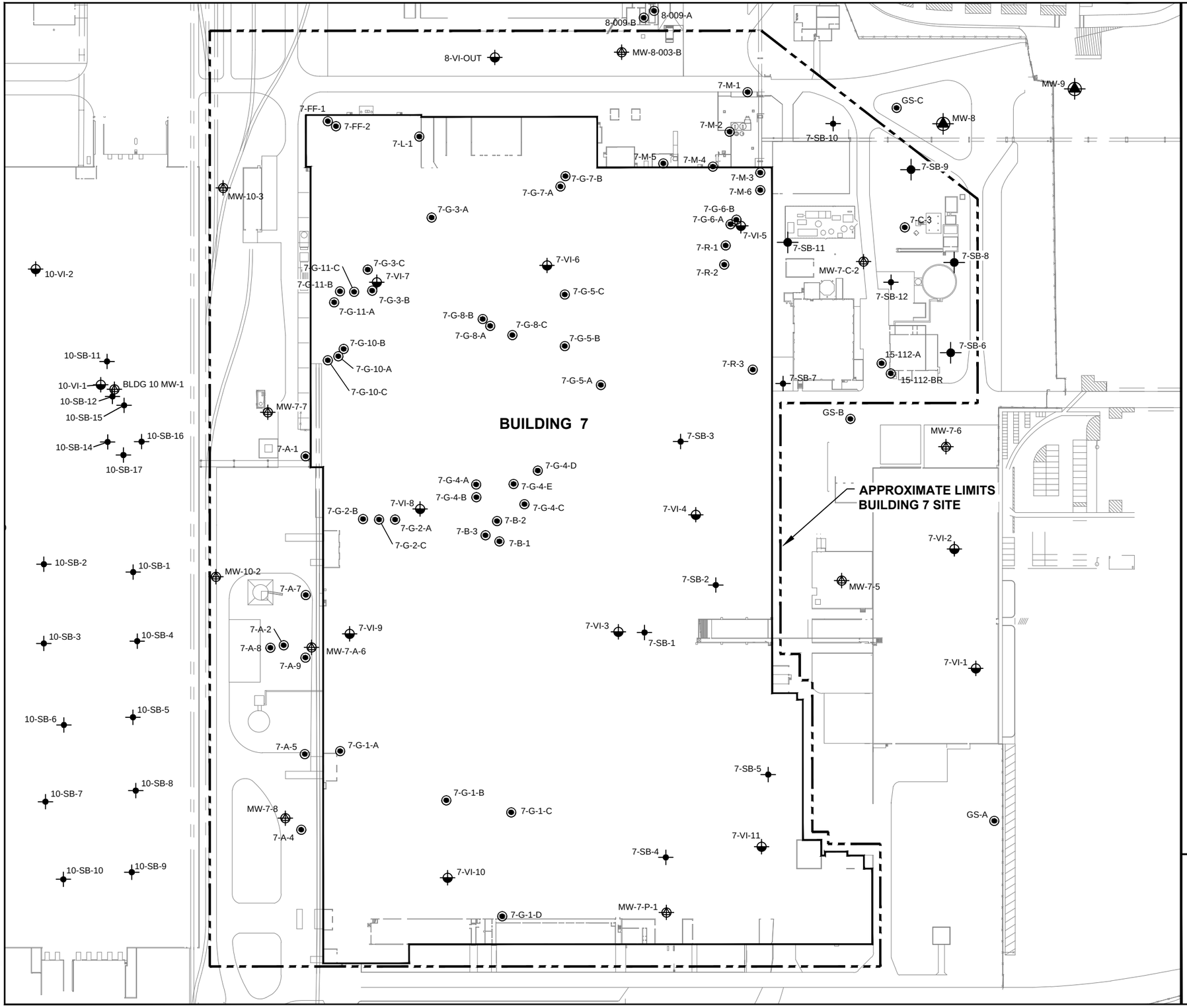
GM COMPONENTS HOLDINGS, LLC.
LOCKPORT FACILITY
200 UPPER MOUNTAIN ROAD
LOCKPORT, NEW YORK

SITE PLAN

SCALE: AS SHOWN
NOVEMBER 2011

FIGURE 2

G:\36795_GM LOCKPORT\CAD\36795-BLDG7-02.DWG

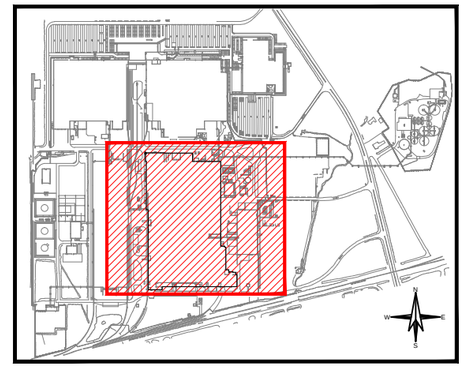


LEGEND:

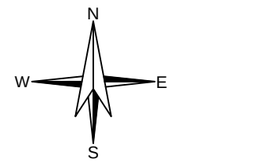
- TCE AREA MONITORING WELL WITHIN THE ENVIRONMENTAL EASEMENT AREA, PREVIOUSLY LOCATED. (APPROXIMATE LOCATION)
- APPROXIMATE LOCATION OF MONITORING WELL
- APPROXIMATE LOCATION OF SOIL BORING
- APPROXIMATE LOCATION OF AIR SAMPLE
- ERM BORING LOCATION

NOTES:

1. THIS FIGURE IS BASED ON THE DRAWING PROVIDED BY DELPHI THERMAL AND INTERIOR SYSTEMS, DATED SEPTEMBER 2007.
2. THE LOCATIONS OF THE MONITORING WELLS WERE DETERMINED BY GEOENVIRONMENTAL OF NEW YORK. THE LOCATIONS OF MONITORING WELLS SHOULD BE CONSIDERED APPROXIMATE.



SITE KEY:
NOT TO SCALE



0 80 160 240 320
SCALE IN FEET

HALEY & ALDRICH

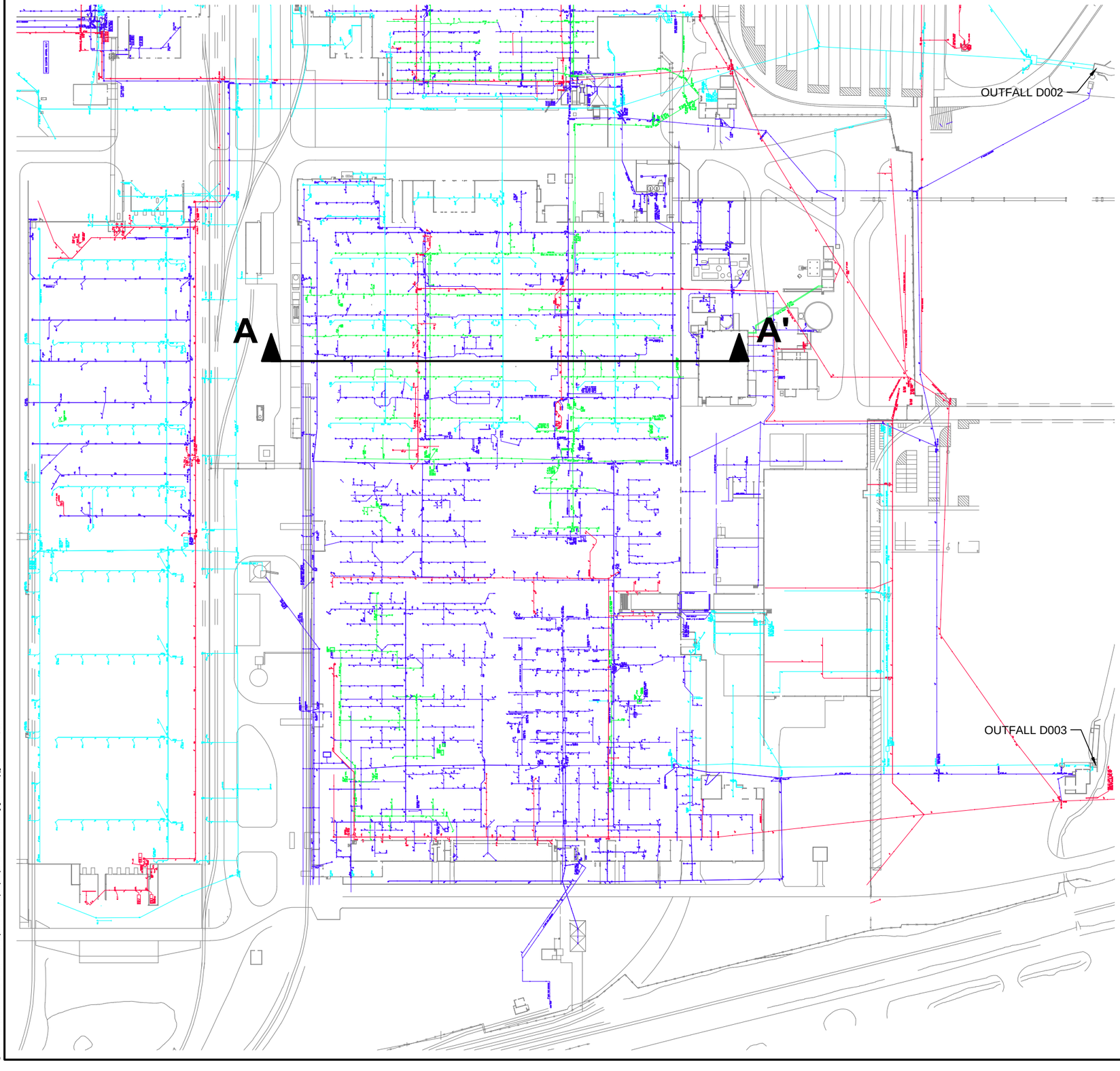
GM COMPONENTS HOLDINGS, LLC.
LOCKPORT FACILITY
200 UPPER MOUNTAIN ROAD
LOCKPORT, NEW YORK

BUILDING 7
SAMPLING LOCATION PLAN

SCALE: AS SHOWN
NOVEMBER 2011

FIGURE 3

G:\36795_GM LOCKPORT\CAD\36795-BLDG7-03.DWG



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LEGEND:

- LOCATION OF TREATED SEWER
- LOCATION OF SANITARY SEWER
- LOCATION OF STORM SEWER
- LOCATION OF PROCESS SEWER

0 100 200 400

SCALE IN FEET

NO.	ISSUE/DESCRIPTION	BY	DATE

GM COMPONENTS HOLDINGS, LLC
LOCKPORT FACILITY
200 UPPER MOUNTAIN ROAD
LOCKPORT, NEW YORK

BUILDING 7
SUBSURFACE PIPE LOCATION MAP PLAN VIEW

PREPARED BY:
GZA GeoEnvironmental of N.Y.
Engineers and Scientists
535 WASHINGTON STREET 11th FLOOR
BUFFALO, NEW YORK 14203
(716) 685-2300

PREPARED FOR:
GM COMPONENTS HOLDINGS, LLC

PROJ MGR: CZB	REVIEWED BY:	CHECKED BY:	FIGURE 4
DESIGNED BY:	DRAWN BY: DEW	SCALE: 1"= 300'	
DATE JULY 2011	PROJECT NO. 21.0056546.00	REVISION NO.	

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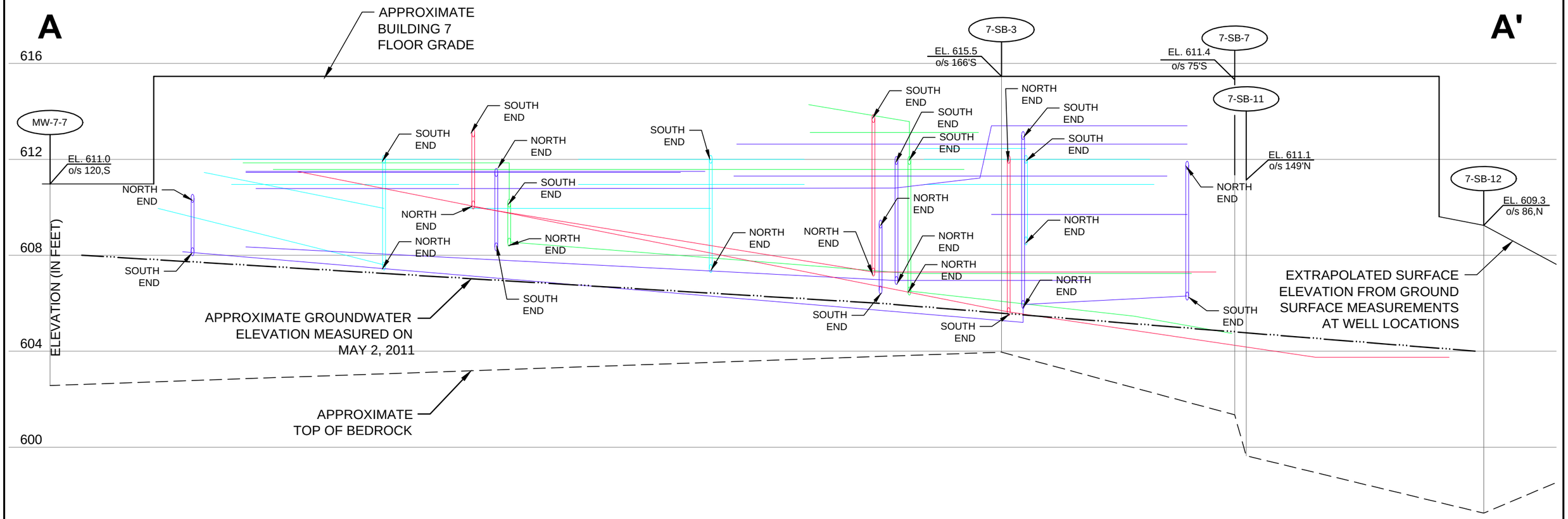

NOTE:

1. PIPE LOCATIONS SHOWN ARE FOR DEMONSTRATION PURPOSES ONLY, AND MAY NOT REPRESENT ALL PIPE LOCATION DUE TO LACK OF PIPE ELEVATION DATA.

LEGEND:

- APPROXIMATE EXISTING GROUND SURFACE
- APPROXIMATE GROUNDWATER ELEVATION AS MEASURED ON MAY 2, 2011
- APPROXIMATE TOP OF BEDROCK ELEVATION
- LOCATION OF TREATED SEWER
- LOCATION OF SANITARY SEWER
- LOCATION OF STORM SEWER
- LOCATION OF PROCESS SEWER
- INDICATES PIPE RUNNING IN A NORTH-SOUTH ORIENTATION

APPROXIMATE SCALE (IN FEET)

HORIZONTAL

0 30 60 120

0 2 4 8

VERTICAL

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NO.	ISSUE/DESCRIPTION	BY	DATE

GM COMPONENTS HOLDINGS, LLC
LOCKPORT FACILITY
200 UPPER MOUNTAIN ROAD
LOCKPORT, NEW YORK

BUILDING 7
SUBSURFACE PIPE LOCATION MAP CROSS SECTION A-A'

PREPARED BY:
GZA GeoEnvironmental of N.Y.
Engineers and Scientists
535 WASHINGTON STREET 11th FLOOR
BUFFALO, NEW YORK 14203
(716) 685-2300

PREPARED FOR:
GM COMPONENTS HOLDINGS, LLC

PROJ MGR: CZB	REVIEWED BY:	CHECKED BY:	FIGURE 5
DESIGNED BY:	DRAWN BY: DEW	SCALE: 1"= 300'	
DATE JULY 2011	PROJECT NO. 21.0056546.00	REVISION NO.	

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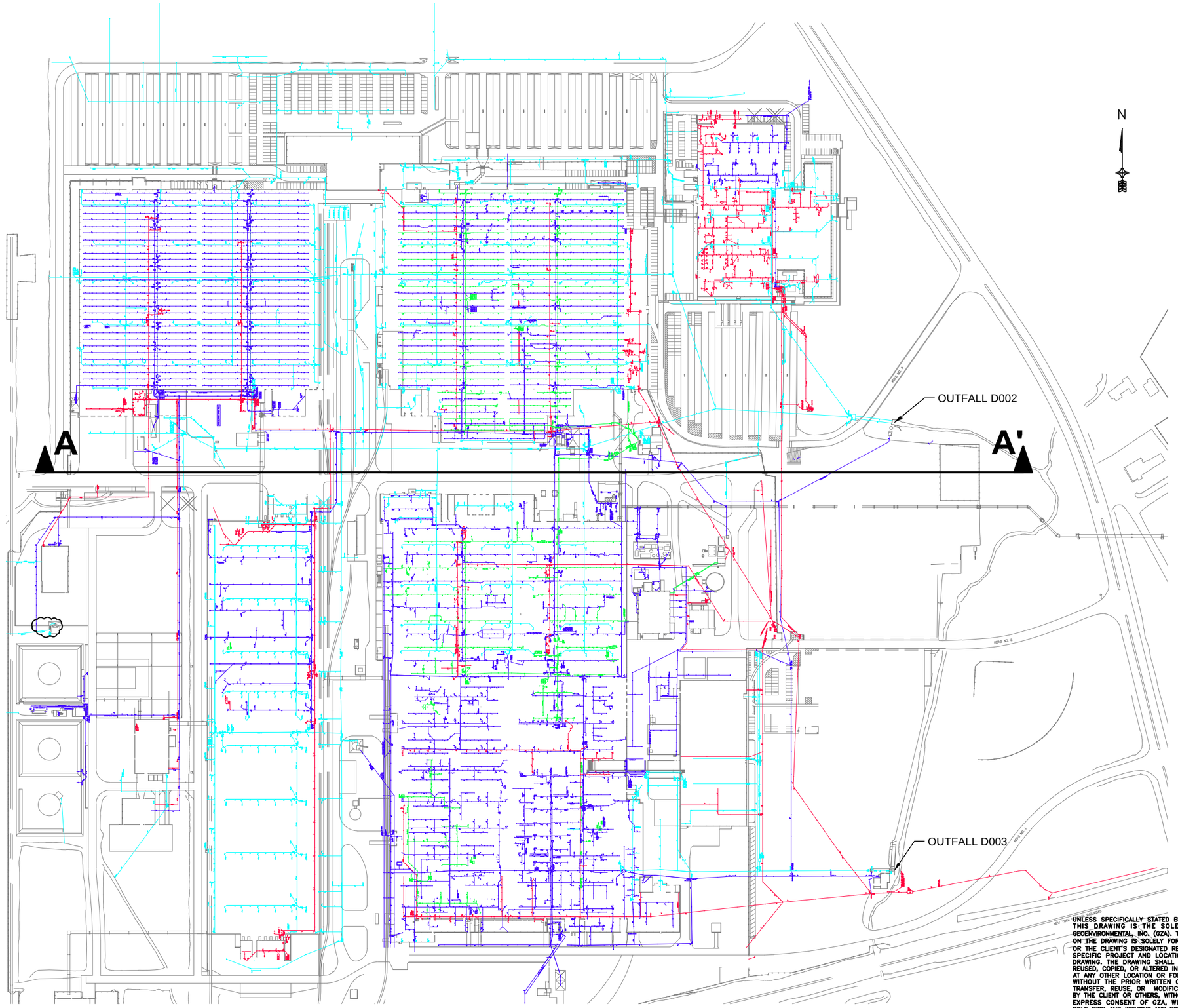

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LEGEND:

- LOCATION OF TREATED SEWER
- LOCATION OF SANITARY SEWER
- LOCATION OF STORM SEWER
- LOCATION OF PROCESS SEWER

0 150 300 600

SCALE IN FEET

NO.	ISSUE/DESCRIPTION	BY	DATE

GM COMPONENTS HOLDINGS, LLC
LOCKPORT FACILITY
200 UPPER MOUNTAIN ROAD
LOCKPORT, NEW YORK

BETWEEN BUILDINGS RUNNING EAST-WEST
SUBSURFACE PIPE LOCATION MAP PLAN VIEW

PREPARED BY:
GZA GeoEnvironmental of N.Y.
Engineers and Scientists
535 WASHINGTON STREET 11th FLOOR
BUFFALO, NEW YORK 14203
(716) 685-2300

PREPARED FOR:
GM COMPONENTS HOLDINGS, LLC

PROJ MGR: CZB	REVIEWED BY:	CHECKED BY:	FIGURE 6
DESIGNED BY:	DRAWN BY: DEW	SCALE: 1"= 300'	
DATE JULY 2011	PROJECT NO. 21.0056546.00	REVISION NO.	

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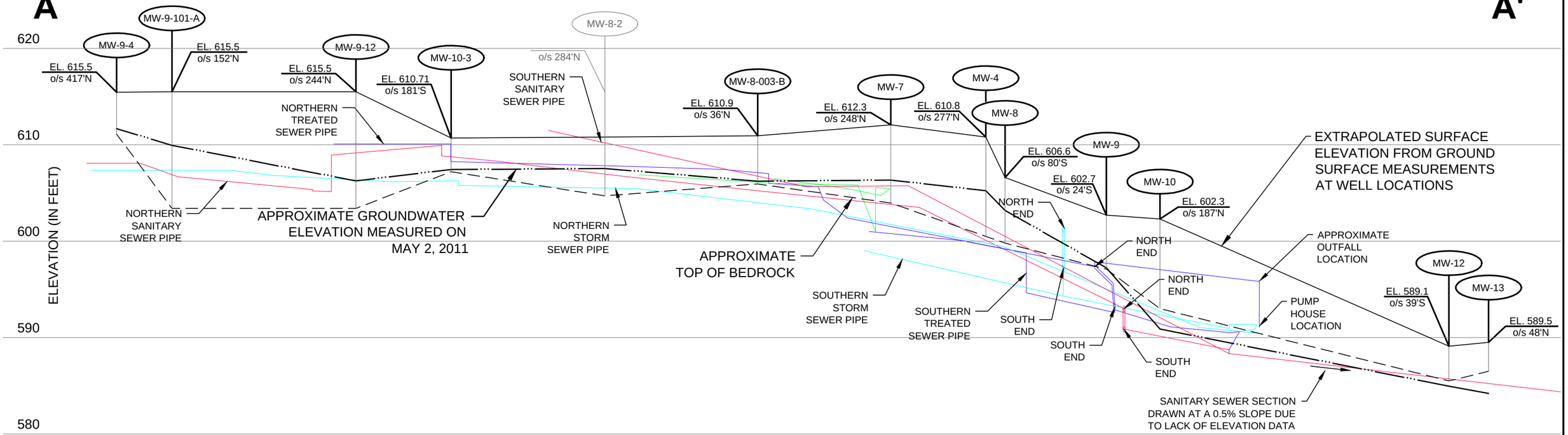

NOTE:

1. PIPE LOCATIONS SHOWN ARE FOR DEMONSTRATION PURPOSES ONLY, AND MAY NOT REPRESENT ALL PIPE LOCATION DUE TO LACK OF PIPE ELEVATION DATA.

LEGEND:

- APPROXIMATE EXISTING GROUND SURFACE
- APPROXIMATE GROUNDWATER ELEVATION AS MEASURED ON MAY 2, 2011
- APPROXIMATE TOP OF BEDROCK ELEVATION
- LOCATION OF TREATED SEWER
- LOCATION OF SANITARY SEWER
- LOCATION OF STORM SEWER
- INDICATES PIPE RUNNING IN A NORTH-SOUTH ORIENTATION

APPROXIMATE SCALE (IN FEET)

HORIZONTAL

0 100 200 400

0 5 10 20

VERTICAL

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NO.	ISSUE/DESCRIPTION	BY	DATE

GM COMPONENTS HOLDINGS, LLC
LOCKPORT FACILITY
200 UPPER MOUNTAIN ROAD
LOCKPORT, NEW YORK

BETWEEN BUILDINGS RUNNING EAST-WEST
SUBSURFACE PIPE LOCATION MAP CROSS SECTION A-A'

PREPARED BY:
GZA GeoEnvironmental of N.Y.
Engineers and Scientists
535 WASHINGTON STREET 11th FLOOR
BUFFALO, NEW YORK 14203
(716) 685-2300

PREPARED FOR:
GM COMPONENTS
HOLDINGS, LLC

PROJ MGR: CZB	REVIEWED BY:	CHECKED BY:	FIGURE
DESIGNED BY:	DRAWN BY: DEW	SCALE: 1"= 300'	7
DATE JULY 2011	PROJECT NO. 21.0056546.00	REVISION NO.	

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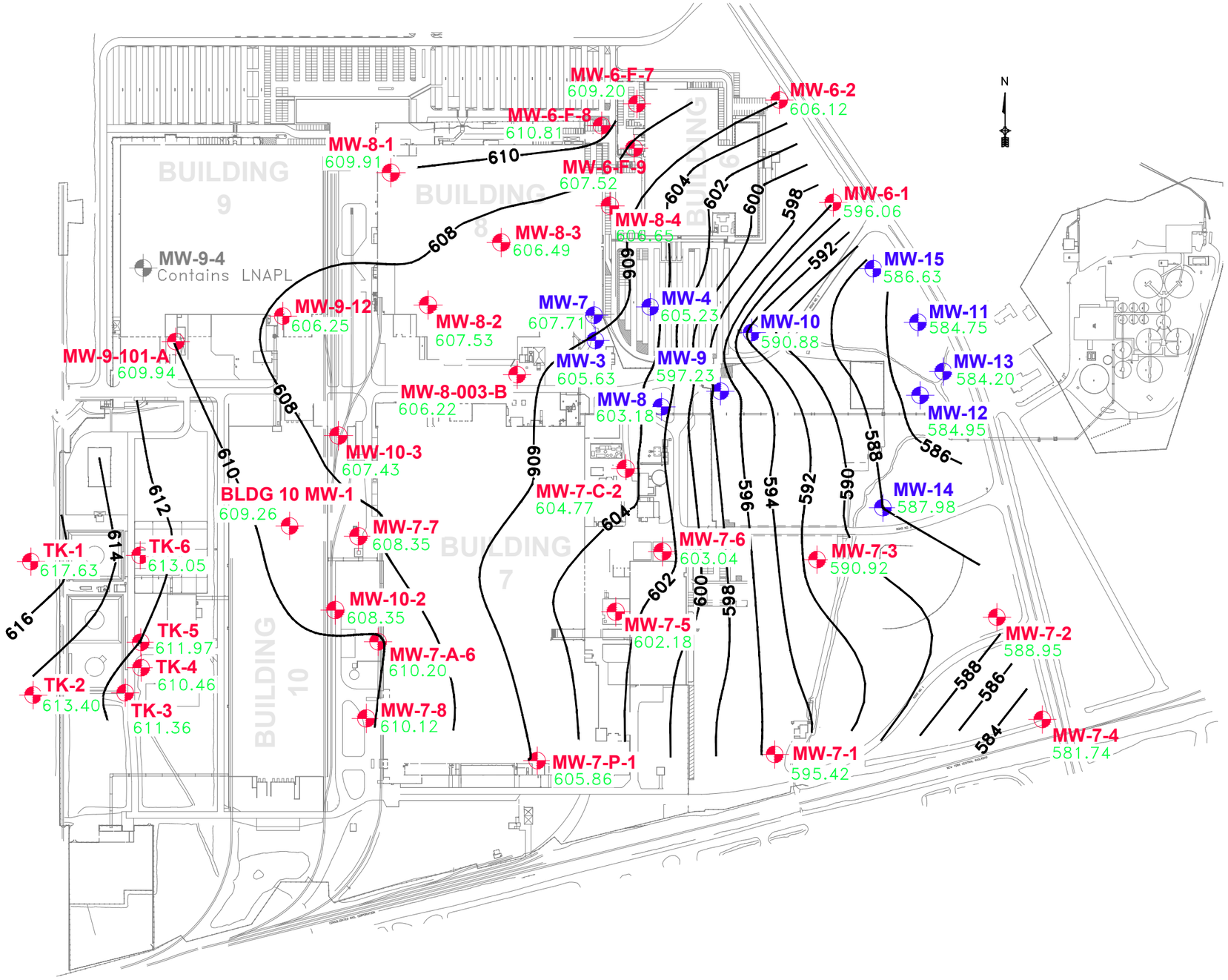


LEGEND:

- MW-11 — APPROXIMATE LOCATION AND DESIGNATION OF TCE AREA MONITORING WELLS WITHIN THE ENVIRONMENTAL EASEMENT AREA PREVIOUSLY LOCATED
- TK-1 — APPROXIMATE LOCATION AND DESIGNATION OF MONITORING WELLS TO BE LOCATED
- 588.95 — GROUNDWATER ELEVATION (FEET) MEASURED ON MAY 2, 2011
- 590 — GROUNDWATER CONTOUR (FEET) MEASURED ON MAY 2, 2011

NOTES:

1. BASE MAP ADAPTED FROM A DRAWING PROVIDED BY DELPHI THERMAL AND INTERIOR SYSTEMS SEPT. 2007.
2. THE SIZE AND LOCATION OF EXISTING SITE FEATURES SHOULD BE CONSIDERED APPROXIMATE.

DRAWN BY: DEW

DATE: JUNE 2011

GZA GeoEnvironmental of New York

APPROXIMATE SCALE IN FEET: 0, 200, 400, 800

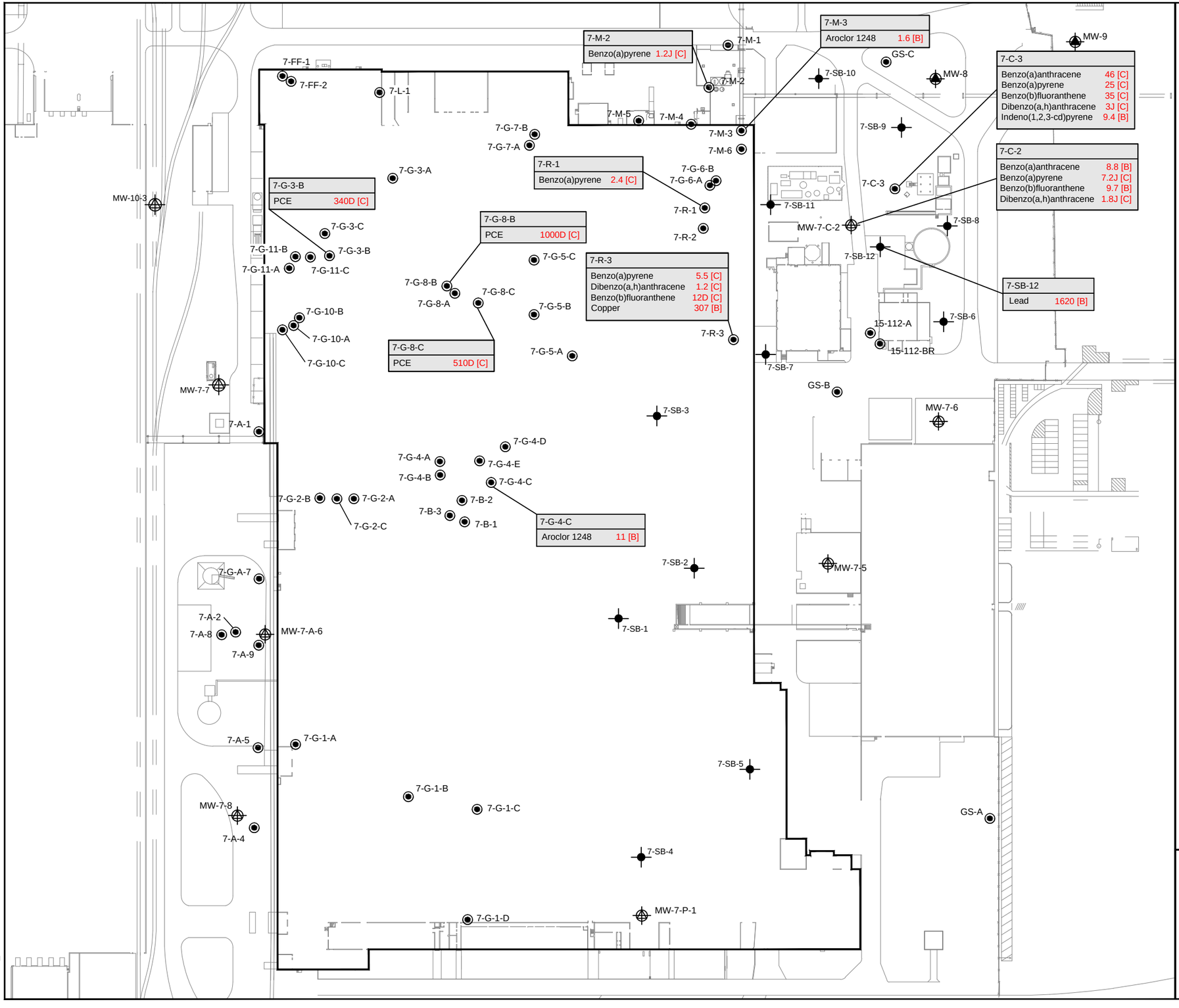
GM COMPONENTS HOLDINGS, LLC
LOCKPORT FACILITY
200 UPPER MOUNTAIN ROAD
LOCKPORT, NEW YORK

GROUNDWATER MONITORING WELL ELEVATIONS OF 5-2-11

PROJECT No.
21.0056546.00

FIGURE No.
8

Drawing Name: G:\36795_GM Lockport\CAD\36795-BLDG7-08.dwg Layout: GW Contours (8)
Operator Name: LUCIDO_SAM Plot Date: November 11, 2011

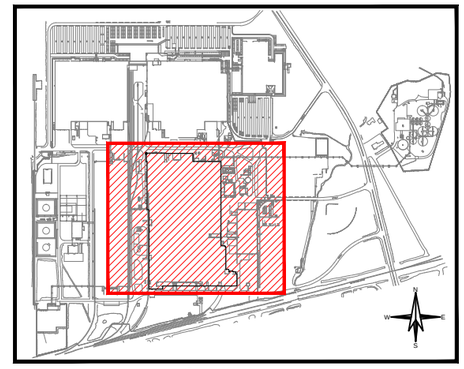


LEGEND:

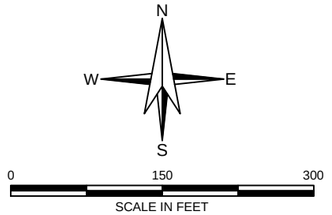
- APPROXIMATE LOCATION OF SOIL BORING
- ERM BORING LOCATION
- APPROXIMATE LOCATION OF MONITORING WELL

NOTES:

1. THIS FIGURE IS BASED ON THE DRAWING PROVIDED BY DELPHI THERMAL AND INTERIOR SYSTEMS, DATED SEPTEMBER 2007.
2. DATA RESULTS ARE SHOWN IN mg/kg.
3. CHEMICALS SHOWN IN DATABOXES EXCEEDED NYSDEC SOIL CLEANUP OBJECTIVES.
4. RESULTS IN RED EXCEED NYSDEC SOIL CLEANUP OBJECTIVES:
   [A] - PROTECTION OF GROUNDWATER CRITERIA
   [B] - RESTRICTED COMMERCIAL CRITERIA
   [C] - RESTRICTED INDUSTRIAL CRITERIA
5. DATA QUALIFIERS:
   J - ESTIMATED RESULT
   D - DILUTION REQUIRED



SITE KEY:
NOT TO SCALE



HALEY & ALDRICH

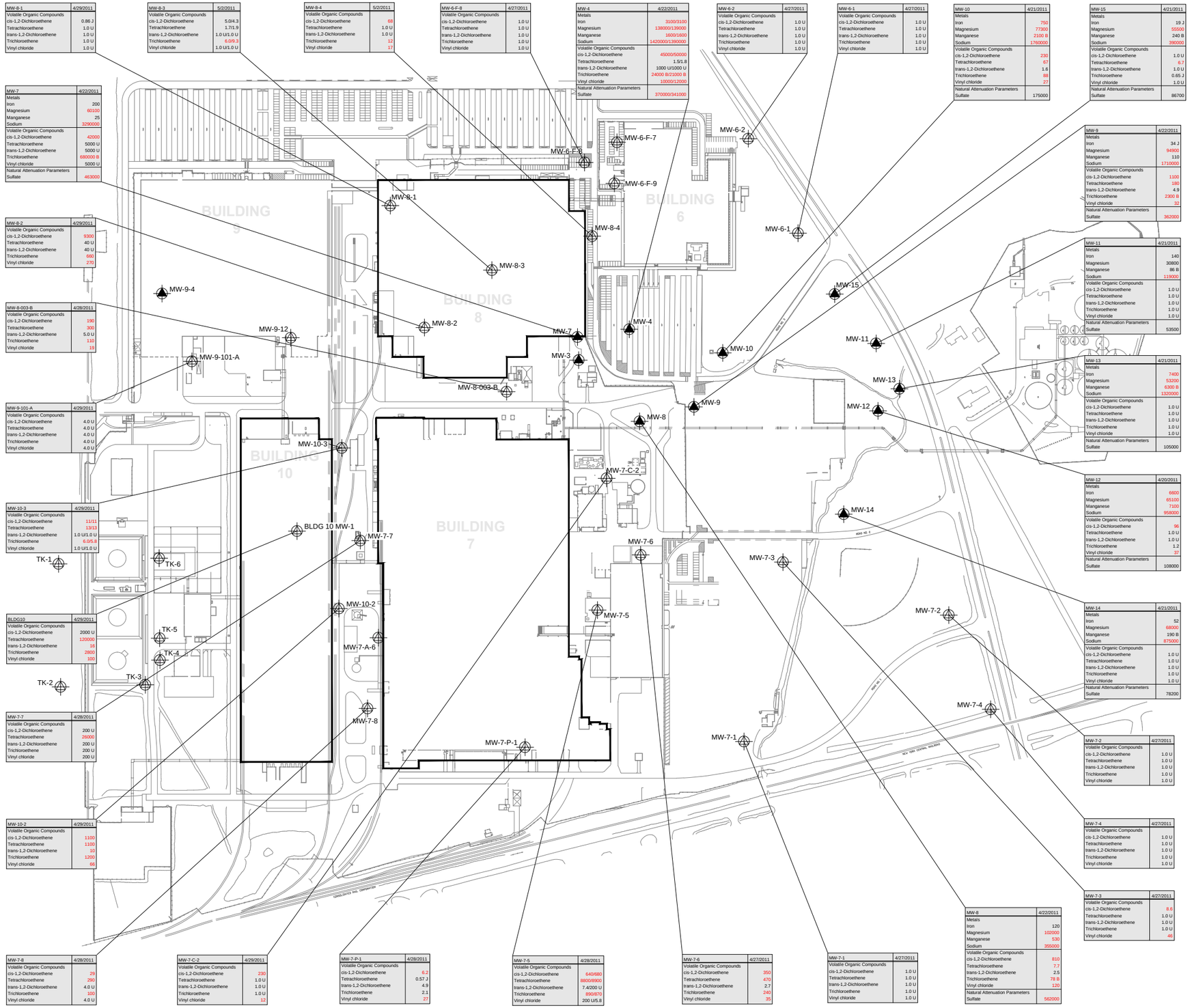
GM COMPONENTS HOLDINGS, LLC.
LOCKPORT FACILITY
200 UPPER MOUNTAIN ROAD
LOCKPORT, NEW YORK

BUILDING 7
SOIL ANALYTICAL EXCEEDANCES SUMMARY

SCALE: AS SHOWN
NOVEMBER 2011

FIGURE 9

G:\36795_GM LOCKPORT\CAD\36795-BLDG7-09.DWG



MW-8-1	4/29/2011
Volatile Organic Compounds	
cis-1,2-Dichloroethene	0.86 J
Tetrachloroethene	1.0 U
trans-1,2-Dichloroethene	1.0 U
Trichloroethene	1.0 U
Vinyl chloride	1.0 U

MW-8-3	5/2/2011
Volatile Organic Compounds	
cis-1,2-Dichloroethene	5.0/4.3
Tetrachloroethene	1.7/1.9
trans-1,2-Dichloroethene	1.0 U/1.0 U
Trichloroethene	6.0/6.8
Vinyl chloride	1.0 U/1.0 U

MW-8-4	5/2/2011
Volatile Organic Compounds	
cis-1,2-Dichloroethene	88
Tetrachloroethene	1.0 U
trans-1,2-Dichloroethene	1.0 U
Trichloroethene	12
Vinyl chloride	17

MW-6-F-8	4/27/2011
Volatile Organic Compounds	
cis-1,2-Dichloroethene	1.0 U
Tetrachloroethene	1.0 U
trans-1,2-Dichloroethene	1.0 U
Trichloroethene	1.0 U
Vinyl chloride	1.0 U

MW-4	4/22/2011
Metals	
Iron	3100/3100
Magnesium	138000/139000
Manganese	1600/1600
Sodium	1420000/1390000
Volatile Organic Compounds	
cis-1,2-Dichloroethene	45000/50000
Tetrachloroethene	1.5/1.8
trans-1,2-Dichloroethene	1000 U/1000 U
Trichloroethene	24000 B/21000 B
Vinyl chloride	10000/12000
Natural Attenuation Parameters	
Sulfate	370000/341000

MW-6-2	4/27/2011
Volatile Organic Compounds	
cis-1,2-Dichloroethene	1.0 U
Tetrachloroethene	1.0 U
trans-1,2-Dichloroethene	1.0 U
Trichloroethene	1.0 U
Vinyl chloride	1.0 U

MW-6-1	4/27/2011
Volatile Organic Compounds	
cis-1,2-Dichloroethene	1.0 U
Tetrachloroethene	1.0 U
trans-1,2-Dichloroethene	1.0 U
Trichloroethene	1.0 U
Vinyl chloride	1.0 U

MW-10	4/21/2011
Metals	
Iron	750
Magnesium	77300
Manganese	2100 B
Sodium	1760000
Volatile Organic Compounds	
cis-1,2-Dichloroethene	230
Tetrachloroethene	67
trans-1,2-Dichloroethene	1.6
Trichloroethene	88
Vinyl chloride	27
Natural Attenuation Parameters	
Sulfate	175000

MW-15	4/21/2011
Metals	
Iron	19 J
Magnesium	55500
Manganese	240 B
Sodium	390000
Volatile Organic Compounds	
cis-1,2-Dichloroethene	1.0 U
Tetrachloroethene	6.3
trans-1,2-Dichloroethene	1.0 U
Trichloroethene	0.65 J
Vinyl chloride	1.0 U
Natural Attenuation Parameters	
Sulfate	86700

MW-7	4/22/2011
Metals	
Iron	200
Magnesium	60100
Manganese	25
Sodium	3290000
Volatile Organic Compounds	
cis-1,2-Dichloroethene	42000
Tetrachloroethene	5000 U
trans-1,2-Dichloroethene	5000 U
Trichloroethene	680000 B
Vinyl chloride	5000 U
Natural Attenuation Parameters	
Sulfate	463000

MW-9	4/22/2011
Metals	
Iron	34 J
Magnesium	94900
Manganese	110
Sodium	1710000
Volatile Organic Compounds	
cis-1,2-Dichloroethene	1100
Tetrachloroethene	180
trans-1,2-Dichloroethene	4.9
Trichloroethene	2300 B
Vinyl chloride	32
Natural Attenuation Parameters	
Sulfate	362000

MW-8-2	4/29/2011
Volatile Organic Compounds	
cis-1,2-Dichloroethene	9300
Tetrachloroethene	40 U
trans-1,2-Dichloroethene	40 U
Trichloroethene	660
Vinyl chloride	270

MW-11	4/21/2011
Metals	
Iron	140
Magnesium	30800
Manganese	86 B
Sodium	119000
Volatile Organic Compounds	
cis-1,2-Dichloroethene	1.0 U
Tetrachloroethene	1.0 U
trans-1,2-Dichloroethene	1.0 U
Trichloroethene	1.0 U
Vinyl chloride	1.0 U
Natural Attenuation Parameters	
Sulfate	53500

MW-8-003-B	4/28/2011
Volatile Organic Compounds	
cis-1,2-Dichloroethene	190
Tetrachloroethene	300
trans-1,2-Dichloroethene	5.0 U
Trichloroethene	110
Vinyl chloride	19

MW-13	4/21/2011
Metals	
Iron	7400
Magnesium	53200
Manganese	6300 B
Sodium	1320000
Volatile Organic Compounds	
cis-1,2-Dichloroethene	1.0 U
Tetrachloroethene	1.0 U
trans-1,2-Dichloroethene	1.0 U
Trichloroethene	1.0 U
Vinyl chloride	1.0 U
Natural Attenuation Parameters	
Sulfate	105000

MW-9-101-A	4/29/2011
Volatile Organic Compounds	
cis-1,2-Dichloroethene	4.0 U
Tetrachloroethene	4.0 U
trans-1,2-Dichloroethene	4.0 U
Trichloroethene	4.0 U
Vinyl chloride	4.0 U

MW-12	4/20/2011
Metals	
Iron	6600
Magnesium	65100
Manganese	7100
Sodium	958000
Volatile Organic Compounds	
cis-1,2-Dichloroethene	96
Tetrachloroethene	1.0 U
trans-1,2-Dichloroethene	1.0 U
Trichloroethene	1.2
Vinyl chloride	37
Natural Attenuation Parameters	
Sulfate	108000

MW-10-3	4/29/2011
Volatile Organic Compounds	
cis-1,2-Dichloroethene	11/11
Tetrachloroethene	13/13
trans-1,2-Dichloroethene	1.0 U/1.0 U
Trichloroethene	6.0/6.8
Vinyl chloride	1.0 U/1.0 U

MW-14	4/21/2011
Metals	
Iron	52
Magnesium	68000
Manganese	190 B
Sodium	875000
Volatile Organic Compounds	
cis-1,2-Dichloroethene	1.0 U
Tetrachloroethene	1.0 U
trans-1,2-Dichloroethene	1.0 U
Trichloroethene	1.0 U
Vinyl chloride	1.0 U
Natural Attenuation Parameters	
Sulfate	78200

BLDG10	4/29/2011
Volatile Organic Compounds	
cis-1,2-Dichloroethene	2000 U
Tetrachloroethene	120000
trans-1,2-Dichloroethene	15
Trichloroethene	2800
Vinyl chloride	100

MW-7-2	4/27/2011
Volatile Organic Compounds	
cis-1,2-Dichloroethene	1.0 U
Tetrachloroethene	1.0 U
trans-1,2-Dichloroethene	1.0 U
Trichloroethene	1.0 U
Vinyl chloride	1.0 U

MW-7-7	4/28/2011
Volatile Organic Compounds	
cis-1,2-Dichloroethene	200 U
Tetrachloroethene	26000
trans-1,2-Dichloroethene	200 U
Trichloroethene	200 U
Vinyl chloride	200 U

MW-7-4	4/27/2011
Volatile Organic Compounds	
cis-1,2-Dichloroethene	1.0 U
Tetrachloroethene	1.0 U
trans-1,2-Dichloroethene	1.0 U
Trichloroethene	1.0 U
Vinyl chloride	1.0 U

MW-10-2	4/29/2011
Volatile Organic Compounds	
cis-1,2-Dichloroethene	1100
Tetrachloroethene	1100
trans-1,2-Dichloroethene	10
Trichloroethene	1200
Vinyl chloride	66

MW-7-3	4/27/2011
Volatile Organic Compounds	
cis-1,2-Dichloroethene	8.6
Tetrachloroethene	1.0 U
trans-1,2-Dichloroethene	1.0 U
Trichloroethene	1.0 U
Vinyl chloride	46

MW-8	4/22/2011
Metals	
Iron	120
Magnesium	102000
Manganese	530
Sodium	355000
Volatile Organic Compounds	
cis-1,2-Dichloroethene	810
Tetrachloroethene	7.7
trans-1,2-Dichloroethene	2.5
Trichloroethene	78 B
Vinyl chloride	120
Natural Attenuation Parameters	
Sulfate	562000

MW-7-1	4/27/2011
Volatile Organic Compounds	
cis-1,2-Dichloroethene	1.0 U
Tetrachloroethene	1.0 U
trans-1,2-Dichloroethene	1.0 U
Trichloroethene	1.0 U
Vinyl chloride	1.0 U

MW-7-6	4/27/2011
Volatile Organic Compounds	
cis-1,2-Dichloroethene	350
Tetrachloroethene	470
trans-1,2-Dichloroethene	2.7
Trichloroethene	240
Vinyl chloride	35

MW-7-5	4/28/2011
Volatile Organic Compounds	
cis-1,2-Dichloroethene	640/680
Tetrachloroethene	8800/8900
trans-1,2-Dichloroethene	7.4/200 U
Trichloroethene	890/870
Vinyl chloride	200 U/5.8

MW-7-P-1	4/28/2011
Volatile Organic Compounds	
cis-1,2-Dichloroethene	6.2
Tetrachloroethene	0.57 J
trans-1,2-Dichloroethene	4.9
Trichloroethene	2.1
Vinyl chloride	27

MW-7-C-2	4/29/2011
Volatile Organic Compounds	
cis-1,2-Dichloroethene	230
Tetrachloroethene	1.0 U
trans-1,2-Dichloroethene	1.0 U
Trichloroethene	1.0 U
Vinyl chloride	12

MW-7-8	4/28/2011
Volatile Organic Compounds	
cis-1,2-Dichloroethene	29
Tetrachloroethene	290
trans-1,2-Dichloroethene	4.0 U
Trichloroethene	100
Vinyl chloride	4.0 U

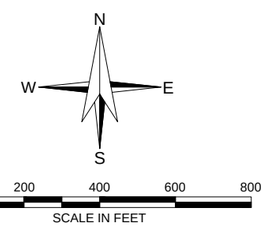
LEGEND:

TCE AREA MONITORING WELL WITHIN THE ENVIRONMENTAL EASEMENT AREA, PREVIOUSLY LOCATED. (APPROXIMATE LOCATION)

APPROXIMATE LOCATION OF MONITORING WELL (TO BE LOCATED)

NOTES:

1. THIS FIGURE IS BASED ON THE DRAWING PROVIDED BY DELPHI THERMAL AND INTERIOR SYSTEMS, DATED SEPTEMBER 2007.
2. THE LOCATIONS OF THE MONITORING WELLS WERE DETERMINED BY GEOENVIRONMENTAL OF NEW YORK. THE LOCATIONS OF MONITORING WELLS SHOULD BE CONSIDERED APPROXIMATE.
3. DATABOXES SHOWN IN UG/L.
4. CHEMICALS SHOWN IN DATABOXES EXCEEDED CRITERIA FOR BUILDING.
5. RESULTS IN RED EXCEED CRITERIA.
6. DATA QUALIFIERS:
   U - RESULT WAS NOT DETECTED ABOVE REPORTING LIMIT.
   J OR B - ESTIMATED RESULT



HALEY & ALDRICH

GM COMPONENTS HOLDINGS, LLC.
LOCKPORT FACILITY
200 UPPER MOUNTAIN ROAD
LOCKPORT, NEW YORK

SITE WIDE GROUNDWATER ANALYTICAL RESULTS SUMMARY

SCALE: AS SHOWN
NOVEMBER 2011

FIGURE 10

G:\36795_GM LOCKPORT\CAD\36795-BLDG7-10.DWG

7-VI-6	7-VI-6IA 1/18/2011	7-VI-6IA 1/20/2011	7-VI-6SS 1/20/2011
1,1,1-Trichloroethane	2.2 U/1.1 U	0.87 U	0.87 U
1,1-Dichloroethene	0.79 U/1.6 U	0.63 U	0.63 U
Carbon tetrachloride	1.3 U/0.64	0.51	0.50 U
cis-1,2-Dichloroethene	0.79 U/1.6 U	1.2	2.0
Tetrachloroethene	9.6/11	4.7	12
Trichloroethene	7.2/5.6	3.5	160
Vinyl chloride	1.0 U/0.51 U	0.41 U	0.41 U

7-VI-7	7-VI-7IA 1/18/2011	7-VI-7SS 1/18/2011
1,1,1-Trichloroethane	1.1 U	10000 U
1,1-Dichloroethene	0.79 U	7900
Carbon tetrachloride	0.63 U	6000 U
cis-1,2-Dichloroethene	1.3	2400000
Tetrachloroethene	16	7600000
Trichloroethene	10	1800000
Vinyl chloride	0.51 U	24000

7-VI-8	7-VI-8IA 1/18/2011	7-VI-8SS 1/18/2011
1,1,1-Trichloroethane	2.3 U	220 U
1,1-Dichloroethene	1.7 U	160 U
Carbon tetrachloride	1.4 U	130 U
cis-1,2-Dichloroethene	34	2000
Tetrachloroethene	230	70000
Trichloroethene	53	16000
Vinyl chloride	1.1 U	100 U

7-VI-9	7-VI-9IA 1/18/2011	7-VI-9SS 1/18/2011
1,1,1-Trichloroethane	0.44 U	20 U
1,1-Dichloroethene	0.32 U	130
Carbon tetrachloride	0.51	11 U
cis-1,2-Dichloroethene	1.9	1000
Tetrachloroethene	5.4	11000
Trichloroethene	5.8	1300
Vinyl chloride	0.24	16

7-VI-3	7-VI-3IA 1/18/2011	7-VI-3SS 1/18/2011
1,1,1-Trichloroethane	1.1 U	1.1 U
1,1-Dichloroethene	0.79 U	0.79 U
Carbon tetrachloride	0.63 U	1.7
cis-1,2-Dichloroethene	1.2	0.79 U
Tetrachloroethene	7.3	290
Trichloroethene	6.9	63
Vinyl chloride	0.51 U	0.51 U

7-VI-10	7-VI-10IA 1/18/2011	7-VI-10SS 1/18/2011
1,1,1-Trichloroethane	4.4 U	2.2 U
1,1-Dichloroethene	3.2 U	1.6 U
Carbon tetrachloride	2.5 U	1.3 U
cis-1,2-Dichloroethene	3.2 U	1.6 U
Tetrachloroethene	13	110
Trichloroethene	7.9	17
Vinyl chloride	2.0 U	1.0 U

7-VI-5	7-VI-5IA 1/18/2011	7-VI-5SS 1/18/2011
1,1,1-Trichloroethane	1.1 U	230 U
1,1-Dichloroethene	0.79 U	170 U
Carbon tetrachloride	0.63 U	130 U
cis-1,2-Dichloroethene	0.86	310
Tetrachloroethene	6.5	760
Trichloroethene	4.8	480
Vinyl chloride	0.51 U	310

7-VI-4	7-VI-4IA 1/18/2011	7-VI-4SS 1/18/2011
1,1,1-Trichloroethane	0.87 U	8.7 U
1,1-Dichloroethene	0.63 U	6.3 U
Carbon tetrachloride	0.61	5.0 U
cis-1,2-Dichloroethene	2.3	1700
Tetrachloroethene	6.7	280
Trichloroethene	7.3	2300
Vinyl chloride	0.41 U	46

7-VI-2	7-VI-2IA 1/18/2011	7-VI-2SS 1/18/2011
1,1,1-Trichloroethane	2.2 U	53 U
1,1-Dichloroethene	1.6 U	41
Carbon tetrachloride	1.3 U	31 U
cis-1,2-Dichloroethene	1.6 U	410
Tetrachloroethene	5.0	2200
Trichloroethene	2.7	10000
Vinyl chloride	1.0 U	25 U

7-VI-1	7-VI-1IA 1/18/2011	7-VI-1SS 1/18/2011
1,1,1-Trichloroethane	4.4 U/2.2 U	4.4 U
1,1-Dichloroethene	3.2 U/1.6 U	3.2 U
Carbon tetrachloride	2.5 U/1.3 U	2.5 U
cis-1,2-Dichloroethene	3.2 U/1.6 U	15
Tetrachloroethene	5.4 U/4.0	39
Trichloroethene	2.7/3.0	9.9
Vinyl chloride	2.0 U/1.0 U	2.0 U

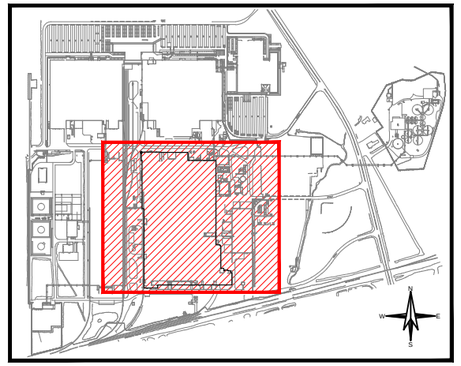
7-VI-11	7-VI-11IA 1/18/2011	7-VI-11SS 1/18/2011
1,1,1-Trichloroethane	0.87 U	1.1 U
1,1-Dichloroethene	0.63 U	0.79 U
Carbon tetrachloride	0.59	0.70
cis-1,2-Dichloroethene	0.63 U	6.4
Tetrachloroethene	8.2	200
Trichloroethene	6.5	15
Vinyl chloride	0.41 U	0.51 U

LEGEND:

- VAPOR INTRUSION SAMPLING POINT
- APPROXIMATE LOCATION OF SOIL BORING
- ERM BORING LOCATION
- APPROXIMATE LOCATION OF MONITORING WELL

NOTES:

1. THIS FIGURE IS BASED ON THE DRAWING PROVIDED BY DELPHI THERMAL AND INTERIOR SYSTEMS, DATED SEPTEMBER 2007.
2. THE LOCATIONS OF THE MONITORING WELLS WERE DETERMINED BY GEOENVIRONMENTAL OF NEW YORK. THE LOCATIONS OF MONITORING WELLS SHOULD BE CONSIDERED APPROXIMATE.
3. DATABOXES SHOWN IN UG/M3.
4. ONLY CHEMICALS WITH CRITERIA SHOWN IN BOXES.
5. RESULTS IN RED EXCEED CRITERIA.
6. DATA QUALIFIERS:
   U - RESULT WAS NOT DETECTED ABOVE REPORTING LIMIT.
   J - ESTIMATED RESULT



SITE KEY:
NOT TO SCALE

N
W E
S

0 150 300
SCALE IN FEET

HALEY & ALDRICH

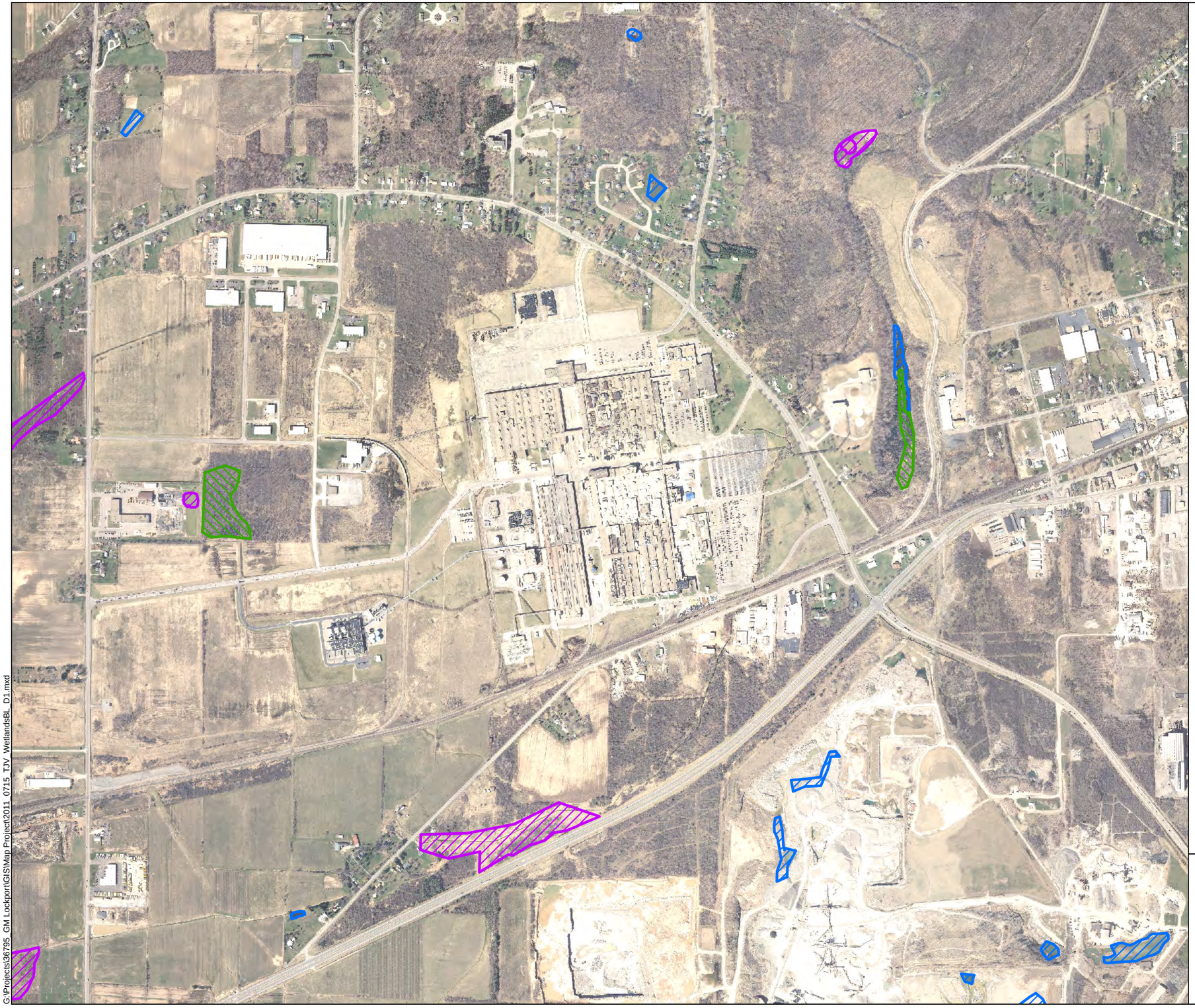
GM COMPONENTS HOLDINGS, LLC.
LOCKPORT FACILITY
200 UPPER MOUNTAIN ROAD
LOCKPORT, NEW YORK

BUILDING 7
VAPOR INTRUSION RESULTS SUMMARY

SCALE: AS SHOWN
NOVEMBER 2011

FIGURE 11

G:\36795_GM LOCKPORT\CAD\36795-BLDG7-11.DWG



EMERGENT WETLANDS
FORESTED/SHRUB WETLANDS
SURFACE WATER

N
W E
S

0 1,000 2,000
SCALE IN FEET

HALEY & ALDRICH

GM COMPONENTS HOLDINGS, LLC.
LOCKPORT FACILITY
200 UPPER MOUNTAIN ROAD
LOCKPORT, NEW YORK

NATIONAL WETLAND INVENTORY MAP

SCALE: AS SHOWN
NOVEMBER 2011

FIGURE 12

G:\Projects\36795_GM Lockport\GIS\Map Project\2011_0715_TJV_WetlandsBL_D1.mxd

APPENDIX A

Previous Investigation Data Tables & Figures

N

AOI-8
FORMER TANK
FARM AREA

AOI-12
FORMER DEGREASER
LOCATIONS

AOI-17
HISTORICAL TRAIN
WELL AND TRUCK DOCK

AOI-9
FORMER HEX CHROME
OPERATIONS

AOI-15
ACID FLUX ROOM

BLDG. #7

AOI-16
HISTORICAL
PCB AREA

AOI-14
WASTE OIL
STORAGE AREA

BLDG. #12

AOI-10
HISTORICAL
COAL PILE
AREAS

AOI-38
FORMER GASOLINE
& KEROSENE USTS

GARAGE
BLDG.
#15

Sample ID	Parameter	Result	Restricted Commmercial	Restricted Industrial
SVOCs				
7-A-6 (4-6)	Dibenzo(a,h)anthracene	3.6 u	0.56	1.1

Sample ID	Parameter	Result	Restricted Commmercial	Restricted Industrial
VOCs				
7-G-3-B (6-8)	Carbon Tetrachloride	34 u	22	44
7-G-3-B (6-8)	Tetrachloroethene	340 D	150	300

Sample ID	Parameter	Result	Restricted Commmercial	Restricted Industrial
VOCs				
7-G-8-B (8-10)	Tetrachloroethene	1000 D	150	300

Sample ID	Parameter	Result	Restricted Commmercial	Restricted Industrial
VOCs				
7-G-8-C (8-10.75)	Tetrachloroethene	510 D	150	300

Sample ID	Parameter	Result	Restricted Commmercial	Restricted Industrial
PCBs				
7-G-4-C (8-10.7)	Aroclor 1016	2 u	1	25
7-G-4-C (8-10.7)	Aroclor 1221	2 u	1	25
7-G-4-C (8-10.7)	Aroclor 1232	2 u	1	25
7-G-4-C (8-10.7)	Aroclor 1242	2 u	1	25
7-G-4-C (8-10.7)	Aroclor 1248	11	1	25
7-G-4-C (8-10.7)	Aroclor 1254	2 u	1	25
7-G-4-C (8-10.7)	Aroclor 1260	2 u	1	25

Sample ID	Parameter	Result	Restricted Commmercial	Restricted Industrial
SVOCs				
7-R-1 (6-8)	Benzo(a)pyrene	2.4	1	1.1
7-R-1 (6-8)	Dibenzo(a,h)anthracene	0.69 J	0.56	1.1

Sample ID	Parameter	Result	Restricted Commmercial	Restricted Industrial
SVOCs				
7-R-3 (6-7.5)	Benzo(a)pyrene	5.5	1	1.1
7-R-3 (6-7.5)	Dibenzo(a,h)anthracene	1.2	0.56	1.1
7-R-3 (6-7.5; DL	Benzo(b)fluoranthene	12.0	5.6	11
7-R-3 (6-7.5)	Copper Total	307	270	10000

Sample ID	Parameter	Result	Restricted Commmercial	Restricted Industrial
SVOCs				
7-M-2 (0-2)	Benzo(a)pyrene	1.2 J	1	1.1
7-M-2 (0-2)	Dibenzo(a,h)anthracene	7.2 u	0.56	1.1
7-M-2 (6-7.8)	Benzo(a)pyrene	3.6 u	1	1.1
7-M-2 (6-7.8)	Dibenzo(a,h)anthracene	3.6 u	0.56	1.1

Sample ID	Parameter	Result	Restricted Commmercial	Restricted Industrial
PCBs				
7-M-3 (6-8)	Aroclor 1248	1.6	1	25
SVOCs				
7-M-3 (6-8)	Benzo(a)pyrene	3.5 u	1	1.1
7-M-3 (6-8)	Dibenzo(a,h)anthracene	3.5 u	0.56	1.1

Sample ID	Parameter	Result	Restricted Commmercial	Restricted Industrial
SVOCs				
GS-A (0-2)	Dibenzo(a,h)anthracene	3.4 u	0.56	1.1
GS-A (0-2)	Pentachlorophenol	16 u	6.7	55

Sample ID	Parameter	Result	Restricted Commmercial	Restricted Industrial
SVOCs				
15-1\2-BR (4-6)	Benzo(a)pyrene	3.6 u	1	1.1
15-1\2-BR (4-6)	Dibenzo(a,h)anthracene	3.6 u	0.56	1.1
15-1\2-BR (6-6.8)	Dibenzo(a,h)anthracene	1.8 u	0.56	1.1

Sample ID	Parameter	Result	Restricted Commmercial	Restricted Industrial
SVOCs				
7-C-3 (2-4)	Benzo(a)anthracene	46	5.6	11
7-C-3 (2-4)	Benzo(a)pyrene	25	1	1.1
7-C-3 (2-4)	Benzo(b)fluoranthene	35	5.6	11
7-C-3 (2-4)	Dibenzo(a,h)anthracene	3.3 J	0.56	1.1
7-C-3 (2-4)	Indeno(1,2,3-cd)pyrene	9.4	5.6	11

Sample ID	Parameter	Result	Restricted Commmercial	Restricted Industrial
SVOCs				
7-C-2 (0-2)	Benzo(a)anthracene	8.6	5.6	11
7-C-2 (0-2)	Benzo(a)pyrene	7.2 J	1	1.1
7-C-2 (0-2)	Benzo(b)fluoranthene	9.7	5.6	11
7-C-2 (0-2)	Dibenzo(a,h)anthracene	1.8 J	0.56	1.1
7-C-2 (9-10)	Dibenzo(a,h)anthracene	4.2 u	0.56	1.1

LEGEND

- (114) AREA OF INTEREST ID NUMBER OR LETTER
- AREA OF INTEREST
- BORINGS UNLESS NOTED
- FORMER DEGREASER LOCATIONS
- FORMER DEGREASER WITH SEPARATOR PIT
- MONITORING WELL
- 1.1 RESULT EXCEEDED SCREENING CRITERIA

NOTES:
RESULTS ARE IN MG/KG
U - INDICATES COMPOUND WAS ANALYZED FOR, BUT NOT DETECTED AT OR ABOVE REPORTING LIMIT. HOWEVER ONLY RESULTS REPORTED AS A "NONDETECT" THAT HAVE A REPORTING LIMIT 25% ABOVE THE UNRESTRICTED CRITERIA ARE SHOWN.
B - INDICATES THAT THE ANALYTE WAS FOUND IN THE ASSOCIATED BLANK, AS WELL AS IN THE SAMPLE
J - INDICATES AN ESTIMATED VALUE.
D - INDICATES COMPOUNDS IDENTIFIED IN AN ANALYSIS AT A SECONDARY DILUTION FACTOR.

FIGURE MODIFIED WITH PERMISSION FROM BASE MAP PROVIDED BY DELPHI THERMAL

0 100 200 300
APPROXIMATE SCALE IN FEET

DELPHI
THERMAL AND INTERIOR SYSTEMS

FIGURE 13 - 2006 FIELD INVESTIGATION
LOCKPORT, NY
ANALYTICAL RESULTS
BUILDING 7 & WEST COURTYARD

ERM

APPENDIX B

Soil & Water Disposal Documentation

GM Components Holdings, LLC

Lockport Plant
200 Upper Mountain Road
Lockport NY 14094

21 June 2011

Michael W. Gullo
Waste Approval Coordinator
Modern Landfill, Inc.
P.O. Box 209
Model City, NY 14107-0209

Dear Mr. Gullo:

This submission is a waste disposal request for approximately 20 CY of soils/gravels collected during site wide GZA GeoEnvironmental of New York monitoring activities. The waste is in Tonawanda Tank Roll-Off B-222 and ready for transport by Tonawanda Tank at this time, under continuous approval M01-1581.

The table below summarizes the project for **soils/gravels** waste.

Container No.	Quantity	Project	Meets Profile?
B-222	Approximately 20 cubic yards	GZA site wide monitoring activities	Yes, M01-1581

Please authorize disposal of this waste at Modern. A copy of the analytical report is attached.

If additional information is needed, contact my office at 716.439.3302.

Sincerely,

Cynthia M. Tudor-Schultz
Sr. Environmental Engineer

Enc.

cc w/o enc.: Joe Hickman (Modern), Trent Lindley (Heritage)

H:\Waste\NHmodernappGZA Site Wide Mont 06_11.doc

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

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
NYR000169342	1	800-535-5053	004434211 FLE

GENERATOR

5. Generator's Name and Mailing Address
GM Components Holdings, LLC Attn: Cynthia Tudor-Schultz
200 Upper Mountain Rd, Bldg 7A
Lockport, NY 14094
Generator's Phone: 716-439-3302

Generator's Site Address (if different than mailing address)
Manufacturing Plant

6. Transporter 1 Company Name
U.S. Industrial Technologies

U.S. EPA ID Number
MIK757944491

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
~~Michigan Disposal Waste Treatment Plant~~
~~49350 N. I-94 Service Drive~~
~~Belleville, MI 48111~~
EQ Detroit
1923 Frederick
Detroit MI 48211
313923008C
~~800-592-5489~~
Facility's Phone

U.S. EPA ID Number
MID000724831

9a HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10 Containers No.	10 Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. ~~NA3077, Hazardous Waste, Solid, NOS, (Trichloroethylene), 9, PG III ERG: 171~~		~~DM~~		P	F002	D040	
X	2. NA3082, Hazardous Waste, Liquid, NOS, (Trichloroethylene), 9, PG III ERG: 171	10	DM	3800	P	F002	D040	
	3.							
	4.							

RECEIVED
APR 13 2011

14. Special Handling Instructions and Additional Information
1) ~~Investigation Soil~~
2) Investigation Water -
GM COMPONENTS HOLDINGS, LLC
Contain & Absorb ~~Environmental~~

All wastes are net

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

Generator's/Offeror's Printed/Typed Name	Signature	Month	Day	Year
Cynthia M. Tudor-Schultz	Cynthia M. Tudor-Schultz	03	27	11

INT'L

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

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name	Signature	Month	Day	Year
ANTHONY (JR)		03	22	11
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
OK to Change per Chris Thomson 4-29-11
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.
—	H11		

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
[illegible]		5	3	11

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

DESIGNATED FACILITY TO GENERATOR

TONAWANDA TANK TRANSPORT SERVICE, INC.

1140 MILITARY ROAD
P.O. BOX H
BUFFALO, NY 14217
(716) 873-9703

3990 U.S. ROUTE 42
MASON, OH 45040
(513) 398-6997

DATE 07/ 01 /11

PICK UP (SHIPPER)	DELIVERY (CONSIGNEE)
NAME: GM COMPONENTS	NAME: MODERN LANDFILL
STREET:	STREET:
CITY: LOCKPORT STATE: NY. ZIP CODE:	CITY: MODEL CITY STATE: NY. ZIP CODE:
CONTACT NAME:	CONTACT NAME:
SCHEDULED TIME:	SCHEDULED TIME:
ADDITIONAL INFORMATION: PICK UP ONLY	ADDITIONAL INFORMATION:

PURCHASE ORDER NO.	WORK ORDER NUMBER	MANIFEST NUMBER	PRODUCT CODE

LOAD NUMBER	TRACTOR NUMBER	TRAILER NUMBER	DRIVER'S NAME
11107002		202/	GOODALE

TYPE (CIRCLE ONE)	MATERIAL DESCRIPTION	QUANTITY
TANK (S/S) (R/L) VAC DUMP ~~VAN~~ ROLL-OFF ~~FLATBED~~	50 i/s from 62A sitewide monitoring activities Approval M01-1581 Non Haz waste ID no 046-11	

PICK UP	DELIVERY
ARRIVAL TIME 700 AM/PM RELEASE TIME 730 AM/PM	DRIVER _____ DATE _____
TRAILER EMPTY UPON ARRIVAL ☐ YES ☐ NO (If not, explain below)	ARRIVAL TIME _____ AM/PM RELEASE TIME _____ AM/PM
DIP MEASUREMENT (Tankers Only) _____ INCHES	TRAILER EMPTY UPON DEPARTURE ☐ YES ☐ NO (If not, explain below)
COMMENTS: (EXPLAIN ALL DELAYS) Pickup 3220	COMMENTS: (EXPLAIN ALL DELAYS)
I, THE UNDERSIGNED, CERTIFY THAT THE ABOVE INFORMATION IS TRUE AND COMPLETE. member of GMCHLLC	I, THE UNDERSIGNED, CERTIFY THAT THE ABOVE INFORMATION IS TRUE AND COMPLETE.
X Curtis M. Goodale Sr. SHIPPER'S SIGNATURE	X _____ CONSIGNEE'S SIGNATURE

OFFICE USE ONLY

DRIVER		ACCOUNTING	
TRIP		DRIVER'S #	
TOLLS		FREIGHT	
DEMURRAGE		TOLLS	
LAYOVER		DEMURRAGE	
VAC		MISC.	
MISC	TOTAL:	TOTAL	

IsleChem, LLC Analysis Report

Client:	Cynthia Tudor-Schultz General Motors Components Holdings, LLC 200 Upper Mountain Road - Building 7A Lockport, NY 14094	Project:	**Samples for Analysis** Soils from Sitewide GZA Monitoring
Report Date:	Friday, May 27, 2011	Phase:	
Report ID:	**NY105128.0.24633**	Batch:	
PO# / Release#	451146383 /	Contact	Cynthia Tudor-Schultz
Reference #:			
Sample Date:	**Tuesday, May 17, 2011**	Authorized Signature:	
Sample Time:	**9:30:00 AM**		☑ Richard V. Finn, Manager of Chemical Testing
Report Status:	**Final**		☐ Martin Ruszaj, Director of Chemical Testing

The following result table is for 1 samples received by IsleChem LLC on 05/17/2011 sampled by Derek Nizialek of IsleChem LLC on 05/17/2011.
Also enclosed is the paperwork submitted with the samples.

Narrative

Analyses were performed within required holding times. All quality control results were within acceptable limits unless specifically noted in the report. Quality control analyses were performed on the samples in this report or samples of similar matrix that were analyzed in the analytical batch on the dates indicated in the report.

Notes:

Analyte Group / Method	Analyte	Vessel ID	Results	Units	Analyst	Date
Sample ID	Location / Description					
128-0517-01	Soils from Sitewide GZA Monitoring Roll-Off B222 / Lab Composite - Soil					
Metals - TCLP RCRA (8)		203546-203547				
EPA 6010B	Arsenic, TCLP		<0.1	mg/L	RVF	2011-05-26
	Barium, TCLP		0.42	mg/L	RVF	2011-05-26
	Cadmium, TCLP		<0.1	mg/L	RVF	2011-05-26

Analyte Group / Method	Analyte	Vessel ID	Results	Units	Analyst	Date
Sample ID	Location / Description					
128-0517-01	Soils from Sitewide GZA Monitoring Roll-Off B222 / Lab Composite - Soil					
Metals - TCLP RCRA (8)		203546-203547				
EPA 6010B	Chromium, TCLP		<0.1	mg/L	RVF	2011-05-26
	Lead, TCLP		<0.1	mg/L	RVF	2011-05-26
	Selenium, TCLP		<0.1	mg/L	RVF	2011-05-26
	Silver, TCLP		<0.1	mg/L	RVF	2011-05-26
EPA 7471A	Mercury, TCLP		<0.0004	mg/L	MF	2011-05-23
Polychlorinated Biphenyls (PCB's)		203546-203547				
EPA 8082	PCB-1016		<0.01	mg/kg	FB	2011-05-19
	PCB-1221		<0.01	mg/kg	FB	2011-05-19
	PCB-1232		<0.01	mg/kg	FB	2011-05-19
	PCB-1242		<0.01	mg/kg	FB	2011-05-19
	PCB-1248		<0.01	mg/kg	FB	2011-05-19
	PCB-1254		<0.01	mg/kg	FB	2011-05-19
	PCB-1260		<0.01	mg/kg	FB	2011-05-19
Semivolatiles - TCLP		203546-203547				
EPA 8270C	1,4-Dichlorobenzene, Semi-volatile,TCLP		<0.01	mg/L	KB	2011-05-20

Analyte Group / Method	Analyte	Vessel ID	Results	Units	Analyst	Date
Sample ID	Location / Description					
128-0517-01	Soils from Sitewide GZA Monitoring Roll-Off B222 / Lab Composite - Soil					
Semivolatiles - TCLP		203546-203547				
EPA 8270C	2,4,5-Trichlorophenol, TCLP		<0.01	mg/L	KB	2011-05-20
	2,4,6-Trichlorophenol, TCLP		<0.01	mg/L	KB	2011-05-20
	2,4-Dinitrotoluene, TCLP		<0.01	mg/L	KB	2011-05-20
	2-Methylphenol, TCLP		<0.01	mg/L	KB	2011-05-20
	3-Methylphenol, TCLP		<0.01	mg/L	KB	2011-05-20
	4-Methylphenol, TCLP		<0.01	mg/L	KB	2011-05-20
	Hexachlorobenzene, TCLP		<0.01	mg/L	KB	2011-05-20
	Hexachlorobutadiene, TCLP		<0.01	mg/L	KB	2011-05-20
	Hexachloroethane, TCLP		<0.01	mg/L	KB	2011-05-20
	Nitrobenzene, TCLP		<0.01	mg/L	KB	2011-05-20
	Pentachlorophenol, TCLP		<0.02	mg/L	KB	2011-05-20
	Pyridine, TCLP		<0.03	mg/L	KB	2011-05-20
Volatiles TCLP		203546-203547				
SPA 8260B	1,1-Dichloroethene, TCLP		<0.02	mg/L	KB	2011-05-20

Analyte Group / Method	Analyte	Vessel ID	Results	Units	Analyst	Date
Sample ID	Location / Description					
128-0517-01	Soils from Sitewide GZA Monitoring Roll-Off B222 / Lab Composite - Soil					
Volatiles TCLP		203546-203547				
EPA 8260B	1,2-Dichloroethane, TCLP		<0.02	mg/L	KB	2011-05-20
	1,4-Dichlorobenzene, TCLP		<0.02	mg/L	KB	2011-05-20
	2-Butanone (Methylethyl ketone), TCLP		<0.10	mg/L	KB	2011-05-20
	Benzene, TCLP		<0.02	mg/L	KB	2011-05-20
	Carbon tetrachloride, TCLP		<0.02	mg/L	KB	2011-05-20
	Chlorobenzene, TCLP		<0.02	mg/L	KB	2011-05-20
	Chloroform, TCLP		<0.02	mg/L	KB	2011-05-20
	Tetrachloroethene, TCLP		<0.02	mg/L	KB	2011-05-20
	Trichloroethene, TCLP		<0.02	mg/L	KB	2011-05-20
	Vinyl chloride, TCLP		<0.02	mg/L	KB	2011-05-20

end of Lab ID number 131791

Analyte Group / Method	Analyte	Vessel ID	Results	Units	Analyst	Date

General Disclaimer

•The test results are submitted pursuant to IsleChem LLC's current terms and conditions of sale, including the company's standard warranty and limitation of liability provisions. No responsibility or liability is assumed for the manner in which the results are used or interpreted.

•This report is issued for the benefit of and may be relied upon by the client named above. The client bears full responsibility for deciding the level of testing for sample submitted to IsleChem LLC.

•These results pertain only to the items tested.

•This report shall not be reproduced except in full.

•If the sample(s) represented by these test results were not collected by IsleChem LLC then the test results are limited to the reported values determine by the analytical testing process. IsleChem LLC makes no representation regarding the sample's collection technique, condition, volume, homogeneity or any other aspect of the sample(s) prior to IsleChem LLC taking possession of the sample(s) and the influence it may have on the results.

•Unless notified in writing to return the samples covered by this report IsleChem LLC will store what remains of the sample(s), if anything, for a period of 60 days before discarding, unless otherwise required by law. A shipping and handling fee will be charged for the return of any sample(s).

•Certain analytes may not be covered by the NYS DOH or NELAP fields of accreditation. Results for these analytes are generated by the cited method using QA/QC guidelines from IsleChem's Quality Control Manual, where applicable.

All results for solid samples are reported on a dry weight basis unless otherwise noted.

The test results in this report meet all NELAP requirements for parameters that are within IsleChem's field of accreditation. Any exceptions to NELAP requirements are noted in the comments field.

GM Components Holdings - Lockport	Soils from Sitewide GZA Monitoring	1 grab composite sample, one 500 ml I-Chem jar
Organization Name	Project Name	# of Samples / # of Bottles
200 Upper Mountain Road	PO 451146383	standard
Street Address	Client PO / Release #	Turnaround / Data Results Needed
Lockport, NY 14094	17-May-11	NY105128.24633
City, State, ZIP	Date Sampled	IsleChem Project #
Cynthia Tudor-Schultz	QC reporting level requested. Std XXX Full	Are RUSH charges authorized? Yes No XXX
Contact Person		
716.439.3302 / 716.439.3539		
Phone# and Fax#		

Sample ID	Sample Location	Matrix	Comp	Grab	TCLP Metals	Total PCB's	TCLP Semi-Volatiles	TCLP Volatiles						Bottle Type / Preservative
203546	Soils from Sitewide GZA Monitoring		X	X	X	X	X	X	203547					(2) 500 ml I-Chem jar
	Roll-Off B222													
														sampling to confirm waste disposition

Sampled By	Date	Time	Received by	Date	Time	
	5/17/2011	0930				IsleChem, LLC 2601 Long Road Grand Island, NY 14072 716-773-8514 Fax. 716-773-8517
Relinquished by	Date	Time	Received by Lab	Date	Time	
	5-17-11	1100		5/17/11	11:50 AM	

By relinquishing these samples to IsleChem, LLC, you are accepting the current IsleChem, LLC terms and conditions for the sale of services

Chain of Custody

APPENDIX C

Test Boring/Monitoring Well & Soil Probe Logs

GZA GeoEnvironmental of NY
535 Washington St.
Buffalo, New York
ENGINEERS AND SCIENTISTS

GM Components Holdings, LLC
Building 7 BCP Site
GMCH Lockport Facility

BORING No. 7-SB-1
SHEET 1 OF 12
FILE No. 21.0056546.00
CHECKED BY: CZB

CONTRACTOR	Matrix Environmental Technologies, Inc.	BORING LOCATION	See Location Plan
DRILLER	Mark Janus	GROUND SURFACE ELEVATION	615.46 DATUM NGVD29
START DATE	12/27/2010 END DATE 12/27/2010	GZA GEOENVIRONMENTAL REPRESENTATIV	C. Boron

WATER LEVEL DATA

DATE	TIME	WATER	CASING

TYPE OF DRILL RIG	Track Mounted Probe Rig
CASING SIZE AND DIAMETER	2" diameter by 48" long marcore
OVERBURDEN SAMPLING METHOD	Direct Push
ROCK DRILLING METHOD	NA

DEPTH	Sample Number	DEPTH (FT)	RECOVERY (%)	SAMPLE DESCRIPTION	NOTES	OVM (ppm)
				CONCRETE (10 Inches)		
1						
	S-1	0.8 - 2	60	FILL-Dark Brown GRAVEL and Sand, moist.		0
2						
		2 - 2.5	60			0
3				Refusal at 2.5 feet bgs.		
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						

S - Soil Sample

NOTES: 1) MiniRae 2000 organic vapor meter (OVM) used to field screen soil samples.
ppm = parts per million

General Notes: 1) Stratification lines represent approximate boundary between soil types, transitions may be gradual.
2) Water level readings have been made at times and under conditions stated, fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.

CONTRACTOR	Matrix Environmental Technologies, Inc.	BORING LOCATION	See Location Plan
DRILLER	Mark Janus	GROUND SURFACE ELEVATION	615.46 DATUM NGVD29
START DATE	12/27/2010 END DATE 12/27/2010	GZA GEOENVIRONMENTAL REPRESENTATIV	C. Boron

WATER LEVEL DATA

DATE	TIME	WATER	CASING

TYPE OF DRILL RIG	Track Mounted Probe Rig
CASING SIZE AND DIAMETER	2" diameter by 48" long marcore
OVERBURDEN SAMPLING METHOD	Direct Push
ROCK DRILLING METHOD	NA

DEPTH	Sample Number	DEPTH (FT)	RECOVERY (%)	SAMPLE DESCRIPTION	NOTES	OVM (ppm)
				CONCRETE (1 foot)		
1						
	S-1	1 - 2	50	Fill-Dark Brown GRAVEL and Sand, trace Silt, moist.	Difficult drilling 1.4 ft.	0
2						
		2 - 4	50	Grades to:… Gray.		0
3						
4				Reddish Brown CLAY & SILT, trace Sand, moist.		
	S-2	4 - 6	90	(Native).		0
5						
6						
		6 - 8	90			0
7				Reddish Brown Clayey SILT, little Sand, trace Gravel, moist		
8						
	S-3	8 - 10	90	Grades to:… little Gravel.		0.4
9						
10						
		10 - 12	90			1.2
11						
12						
	S-4	12 - 13	100			0.5
13						
				Refusal at 13 feet bgs.		
14						
15						
16						
17						
18						

S - Soil Sample

NOTES: 1) MiniRae 2000 organic vapor meter (OVM) used to field screen soil samples.
ppm = parts per million

General Notes: 1) Stratification lines represent approximate boundary between soil types, transitions may be gradual.
2) Water level readings have been made at times and under conditions stated, fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.

CONTRACTOR	Matrix Environmental Technologies, Inc.	BORING LOCATION	See Location Plan
DRILLER	Mark Janus	GROUND SURFACE ELEVATION	615.46 DATUM NGVD29
START DATE	12/29/2010 END DATE 12/29/2010	GZA GEOENVIRONMENTAL REPRESENTATIV	C. Boron

WATER LEVEL DATA

DATE	TIME	WATER	CASING

TYPE OF DRILL RIG	Track Mounted Probe Rig
CASING SIZE AND DIAMETER	2" diameter by 48" long marcore
OVERBURDEN SAMPLING METHOD	Direct Push
ROCK DRILLING METHOD	NA

DEPTH	Sample Number	DEPTH (FT)	RECOVERY (%)	SAMPLE DESCRIPTION	NOTES	OVM (ppm)
				CONCRETE (10 Inches)		
1	S-1	0.9 - 2	50	FILL-Brown SILT and Sand, little Gravel, moist.		0
2				Grades to:… Reddish Brown.		
		2 - 4	50			0.7
3				Dark Brown SILT & CLAY, trace Sand, trace Gravel, moist.		
4						
	S-2	4 - 6	50	FILL-Black fine SAND, some Silt, trace Glass, trace wood, trace		0.7
5				Organics, trace Brick, moist.		
6						
		6 - 8	50			0.9
7						
8						
	S-3	8 - 10	95	Brown SILT & CLAY, trace Sand, trace Gravel, moist.		30
9				(Native).		
10				Reddish Brown Clayey SILT, trace Sand, little Gravel, moist to		
		10 - 11.5	95	wet.		55
11						
12				Refusal at 11.5 feet bgs.		
13						
14						
15						
16						
17						
18						

S - Soil Sample

NOTES: 1) MiniRae 2000 organic vapor meter (OVM) used to field screen soil samples.
ppm = parts per million

General Notes: 1) Stratification lines represent approximate boundary between soil types, transitions may be gradual.
2) Water level readings have been made at times and under conditions stated, fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.

CONTRACTOR	Matrix Environmental Technologies, Inc.	BORING LOCATION	See Location Plan
DRILLER	Mark Janus	GROUND SURFACE ELEVATION	615.46 DATUM NGVD29
START DATE	12/27/2010 END DATE 12/27/2010	GZA GEOENVIRONMENTAL REPRESENTATIV	C. Boron

WATER LEVEL DATA

DATE	TIME	WATER	CASING

TYPE OF DRILL RIG	Track Mounted Probe Rig
CASING SIZE AND DIAMETER	2" diameter by 48" long marcore
OVERBURDEN SAMPLING METHOD	Direct Push
ROCK DRILLING METHOD	NA

DEPTH	Sample Number	DEPTH (FT)	RECOVERY (%)	SAMPLE DESCRIPTION	NOTES	OVM (ppm)
				CONCRETE (1.1 feet)		
1						
	S-1	1.1 - 2	90	Fill-Dark Brown Clayey SILT, trace Sand, trace Gravel, moist.		0
2						
		2 - 4	90	FILL-Dark Brown SILT & CLAY, trace Sand, trace Gravel, moist.		0
3						
4						
	S-2	4 - 6	95	Dark Brown Clayey Silt, trace Sand, trace Gravel, moist.		0.1
5				(Native).		
6						
		6 - 8	95		slight increase in	0.2
7					moisture content.	
8						
	S-3	8 - 10	90			0.4
9						
10						
		10 - 11	90	Grades to:… little Gravel.		0.2
11						
				Dark Brown fine SAND, some Silt, moist.		
12						
		12 - 13.5	100	Dark Brown SILT & CLAY, little Gravel, little Sand, moist to wet.		4
13						
14				Refusal at 13.5 feet bgs.		
15						
16						
17						
18						

S - Soil Sample

NOTES: 1) MiniRae 2000 organic vapor meter (OVM) used to field screen soil samples.
ppm = parts per million

General Notes: 1) Stratification lines represent approximate boundary between soil types, transitions may be gradual.
2) Water level readings have been made at times and under conditions stated, fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.

CONTRACTOR	Matrix Environmental Technologies, Inc.	BORING LOCATION	See Location Plan
DRILLER	Mark Janus	GROUND SURFACE ELEVATION	615.46 DATUM NGVD29
START DATE	12/27/2010 END DATE 12/27/2010	GZA GEOENVIRONMENTAL REPRESENTATIV	C. Boron

WATER LEVEL DATA

DATE	TIME	WATER	CASING

TYPE OF DRILL RIG	Track Mounted Probe Rig
CASING SIZE AND DIAMETER	2" diameter by 48" long marcore
OVERBURDEN SAMPLING METHOD	Direct Push
ROCK DRILLING METHOD	NA

DEPTH	Sample Number	DEPTH (FT)	RECOVERY (%)	SAMPLE DESCRIPTION	NOTES	OVM (ppm)
				CONCRETE (1 foot)		
1						
	S-1	1 - 2	75	FILL-Dark Brown GRAVEL and Sand, trace Silt, moist.		0.1
2						
		2 - 4	75			0.3
3				Dark Brown Clayey SILT, little Gravel, trace Sand, moist.		
4						
	S-2	4 - 6	100	Dark Brown SILT & CLAY, trace Sand, trace Gravel, moist.		0.3
5				(Native).		
6						
		6 - 8	100	Reddish Brown Clayey SILT, little Sand, trace Gravel, moist.		0.3
7						
8						
	S-3	8 - 10	90	Grades to:... some Sand, little Gravel, moist.		1.0
9						
10						
		10 - 11	90	Reddish Brown CLAY & SILT, trace Sand, trace Gravel, moist.		0.2
11						
12						
				Refusal at 11.9 feet bgs.		
13						
14						
15						
16						
17						
18						

S - Soil Sample

NOTES: 1) MiniRae 2000 organic vapor meter (OVM) used to field screen soil samples.
ppm = parts per million

General Notes: 1) Stratification lines represent approximate boundary between soil types, transitions may be gradual.
2) Water level readings have been made at times and under conditions stated, fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.

CONTRACTOR	Matrix Environmental Technologies, Inc.	BORING LOCATION	See Location Plan
DRILLER	Mark Janus	GROUND SURFACE ELEVATION	608.32 DATUM NGVD29
START DATE	1/4/2011 END DATE 1/4/2011	GZA GEOENVIRONMENTAL REPRESENTATIV	C. Boron

WATER LEVEL DATA

DATE	TIME	WATER	CASING

TYPE OF DRILL RIG	Track Mounted Probe Rig
CASING SIZE AND DIAMETER	2" diameter by 48" long marcore
OVERBURDEN SAMPLING METHOD	Direct Push
ROCK DRILLING METHOD	NA

DEPTH	Sample Number	DEPTH (FT)	RECOVERY (%)	SAMPLE DESCRIPTION	NOTES	OVM (ppm)
	S-1	0 - 2	75	Gray GRAVEL, some Sand, little Silt, moist.		0
1						
				FILL-Dark Brown SILT & CLAY, trace Sand, trace Gravel, moist.		
2						
		2 - 4	75			0
3						
4						
	S-2	4 - 6	50			0
5						
6				Reddish Brown Clayey SILT, trace Sand, trace Gravel, moist.		
		6 - 8	50	(Native).		0
7						
8						
	S-3	8 - 10	50			0
9				Grades to:… little Gravel, little Sand.		
10						
		10 - 11.5	50			0
11						
12				Refusal at 11.5 feet bgs.		
13						
14						
15						
16						
17						
18						

S - Soil Sample

NOTES: 1) MiniRae 2000 organic vapor meter (OVM) used to field screen soil samples.
ppm = parts per million

General Notes: 1) Stratification lines represent approximate boundary between soil types, transitions may be gradual.
2) Water level readings have been made at times and under conditions stated, fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.

CONTRACTOR	Matrix Environmental Technologies, Inc.	BORING LOCATION	See Location Plan
DRILLER	Mark Janus	GROUND SURFACE ELEVATION	611.35 DATUM NGVD29
START DATE	1/4/2011 END DATE 1/4/2011	GZA GEOENVIRONMENTAL REPRESENTATIV	C. Boron

WATER LEVEL DATA

DATE	TIME	WATER	CASING

TYPE OF DRILL RIG	Track Mounted Probe Rig
CASING SIZE AND DIAMETER	2" diameter by 48" long marcore
OVERBURDEN SAMPLING METHOD	Direct Push
ROCK DRILLING METHOD	NA

DEPTH	SAMPLE INFORMATION			SAMPLE DESCRIPTION	NOTES	OVM (ppm)
	Sample Number	DEPTH (FT)	RECOVERY (%)			
	S-1	0 - 2	50	FILL-Brown SAND, some Gravel. Little Silt, moist.		0
1						
2						
		2 - 4	50			0
3						
4				Reddish Brown SILT, little Sand, moist (Native).		
	S-2	4 - 6	90			0
5						
				Reddish Brown Clayey SILT, trace Sand, trace Gravel, moist.		
6						
		6 - 8	90	Reddish Brown SILT & CLAY, trace Sand, trace Gravel, moist.		0
7						
8						
	S-3	8 - 10	50	Reddish Brown Clayey SILT, little Sand, trace Gravel, moist.		2
9						
				Grades to:… moist to wet.		4
10						
				Refusal at 10 feet bgs.		
11						
12						
13						
14						
15						
16						
17						
18						

S - Soil Sample

NOTES: 1) MiniRae 2000 organic vapor meter (OVM) used to field screen soil samples.
ppm = parts per million

General Notes: 1) Stratification lines represent approximate boundary between soil types, transitions may be gradual.
2) Water level readings have been made at times and under conditions stated, fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.

CONTRACTOR	Matrix Environmental Technologies, Inc.	BORING LOCATION	See Location Plan
DRILLER	Mark Janus	GROUND SURFACE ELEVATION	607.71 DATUM NGVD29
START DATE	1/4/2011 END DATE 1/4/2011	GZA GEOENVIRONMENTAL REPRESENTATIV	C. Boron

WATER LEVEL DATA

DATE	TIME	WATER	CASING

TYPE OF DRILL RIG	Track Mounted Probe Rig
CASING SIZE AND DIAMETER	2" diameter by 48" long marcore
OVERBURDEN SAMPLING METHOD	Direct Push
ROCK DRILLING METHOD	NA

DEPTH	Sample Number	DEPTH (FT)	RECOVERY (%)	SAMPLE DESCRIPTION	NOTES	OVM (ppm)
	S-1	0 - 2	50	Fill-Gray GRAVEL, little Sand, moist.		0
1						
				FILL-Brown SILT & CLAY, some Gravle, little Sand, moist.		
2						
		2 - 4	50			0
3						
				Grades to:… Little Gravel, trace Sand, trace nails, moist.		
4						
	S-2	4 - 6	10	FILL-Brown fine to medium grained SAND, wet.		0
5						
6						
		6 - 8	10			0
7						
8						
	S-3	8 - 10	50	Reddish Brown SILT & CLAY, trace Sand, trace Gravel, moist		5
9				to wet. (Native).		
						5
10						
		10-12	50	Reddish Brown Clayey SILT, little Gravel, trace Sand, moist.		40
11						
						60
12						
	S-4	12-12.5	80			44
13						
				Refusal at 12.5 feet bgs.		
14						
15						
16						
17						
18						

S - Soil Sample

NOTES: 1) MiniRae 2000 organic vapor meter (OVM) used to field screen soil samples.
ppm = parts per million

General Notes: 1) Stratification lines represent approximate boundary between soil types, transitions may be gradual.
2) Water level readings have been made at times and under conditions stated, fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.

CONTRACTOR	Matrix Environmental Technologies, Inc.	BORING LOCATION	See Location Plan
DRILLER	Mark Janus	GROUND SURFACE ELEVATION	607.32 DATUM NGVD29
START DATE	1/4/2011 END DATE 1/4/2011	GZA GEOENVIRONMENTAL REPRESENTATIV	C. Boron

WATER LEVEL DATA

DATE	TIME	WATER	CASING

TYPE OF DRILL RIG	Track Mounted Probe Rig
CASING SIZE AND DIAMETER	2" diameter by 48" long marcore
OVERBURDEN SAMPLING METHOD	Direct Push
ROCK DRILLING METHOD	NA

DEPTH	SAMPLE INFORMATION			SAMPLE DESCRIPTION	NOTES	OVM (ppm)
	Sample Number	DEPTH (FT)	RECOVERY (%)			
	S-1	0 - 2	80	FILL-Gray GRAVEL and Sand, little Silt, moist.		0
1						
				FILL-Brown SILT & CLAY, trace Sand, trace Gravel, moist.		
2				Reddish Brown SILT & CLAY, trace Sand, trace Gravel, moist		
		2 - 4	80	(Native).		0
3						
4						
	S-2	4 - 6	75			0
5						
6						
		6 - 8	75	Grades to:… little Sand, little Gravel.		0
7						
				Grades to:… wet.		
8						
	S-3	8 - 9	60			0
9						
				Refusal at 9 feet bgs.		
10						
11						
12						
13						
14						
15						
16						
17						
18						

S - Soil Sample

NOTES: 1) MiniRae 2000 organic vapor meter (OVM) used to field screen soil samples.
ppm = parts per million

General Notes: 1) Stratification lines represent approximate boundary between soil types, transitions may be gradual.
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CONTRACTOR	Matrix Environmental Technologies, Inc.	BORING LOCATION	See Location Plan
DRILLER	Mark Janus	GROUND SURFACE ELEVATION	609.76 DATUM NGVD29
START DATE	1/4/2011 END DATE 1/4/2011	GZA GEOENVIRONMENTAL REPRESENTATIV	C. Boron

WATER LEVEL DATA

DATE	TIME	WATER	CASING

TYPE OF DRILL RIG	Track Mounted Probe Rig
CASING SIZE AND DIAMETER	2" diameter by 48" long marcore
OVERBURDEN SAMPLING METHOD	Direct Push
ROCK DRILLING METHOD	NA

DEPTH	Sample Number	DEPTH (FT)	RECOVERY (%)	SAMPLE DESCRIPTION	NOTES	OVM (ppm)
	S-1	0 - 2	75	FILL-Brown GRAVEL, some Sand, little Silt, little Clay, moist.		0
1				FILL-Brown Clayey SILT, some Sand, little Gravel.		
				FILL-Black Coal.		
2				FILL-Dark Brown Clayey SILT, trace Sand, trace Gravel, moist.		
		2 - 4	75			0
3						
				Reddish Brown SILT & CLAY, trace Sand, moist (Native).		
4						
	S-2	4 - 6	80			0
5				Grades to:… little Sand.		
6						
		6 - 8	80	Reddish Brown Clayey SILT, little Sand, trace Gravel, moist.		0
7						
8				Grades to:… wet.		
	S-3	8 - 9.5	30			0
9						
10				Refusal at 9.5 feet bgs.		
11						
12						
13						
14						
15						
16						
17						
18						

S - Soil Sample

NOTES: 1) MiniRae 2000 organic vapor meter (OVM) used to field screen soil samples.
ppm = parts per million

General Notes: 1) Stratification lines represent approximate boundary between soil types, transitions may be gradual.
2) Water level readings have been made at times and under conditions stated, fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.

CONTRACTOR	Matrix Environmental Technologies, Inc.	BORING LOCATION	See Location Plan
DRILLER	Mark Janus	GROUND SURFACE ELEVATION	611.14 DATUM NGVD29
START DATE	1/4/2011 END DATE 1/4/2011	GZA GEOENVIRONMENTAL REPRESENTATIVE	C. Boron

WATER LEVEL DATA

DATE	TIME	WATER	CASING

TYPE OF DRILL RIG	Track Mounted Probe Rig
CASING SIZE AND DIAMETER	2" diameter by 48" long marcore
OVERBURDEN SAMPLING METHOD	Direct Push
ROCK DRILLING METHOD	NA

DEPTH	Sample Number	DEPTH (FT)	RECOVERY (%)	SAMPLE DESCRIPTION	NOTES	OVM (ppm)
	S-1	0 - 2	50	FILL-Gray GRAVEL, little Sand, moist.		0
1				FILL-Dark Brown SILT & CLAY, little Gravel, little Sand, moist.		
				FILL-Brown SAND, and Gravel, moist.		
2						
		2 - 4	50	Grades to:… Black, some Silt.		0
3						
4				FILL-SLAG (Blue/Green) some Sand, moist.		
	S-2	4 - 6	70			0
5						
6						
		6 - 8	70			0
7						
				Grades to:... Black, wet	sewer/septic odor	
8				Reddish Brown SILT & CLAY, trace Sand, trace Gravel, moist		
	S-3	8 - 10	70	to wet. (Native).		0
9						
				Reddish Brown Clayey SILT, little Sand, trace Gravel, moist.		
10						
		10-11.5	70			0
11						
12				Refusal at 11.5 feet bgs.		
13						
14						
15						
16						
17						
18						

S - Soil Sample

NOTES: 1) MiniRae 2000 organic vapor meter (OVM) used to field screen soil samples.
ppm = parts per million

General Notes: 1) Stratification lines represent approximate boundary between soil types, transitions may be gradual.
2) Water level readings have been made at times and under conditions stated, fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.

CONTRACTOR	Matrix Environmental Technologies, Inc.	BORING LOCATION	See Location Plan
DRILLER	Mark Janus	GROUND SURFACE ELEVATION	609.25 DATUM NGVD29
START DATE	1/4/2011 END DATE 1/4/2011	GZA GEOENVIRONMENTAL REPRESENTATIVE	C. Boron

WATER LEVEL DATA

DATE	TIME	WATER	CASING

TYPE OF DRILL RIG	Track Mounted Probe Rig
CASING SIZE AND DIAMETER	2" diameter by 48" long marcore
OVERBURDEN SAMPLING METHOD	Direct Push
ROCK DRILLING METHOD	NA

DEPTH	Sample Number	DEPTH (FT)	RECOVERY (%)	SAMPLE DESCRIPTION	NOTES	OVM (ppm)
				CONCRETE (8 Inches)		
1						
	S-1	1 - 2	50	FILL-Black SAND, little Silt, little Gravel, moist.		2
2				FILL-Brown SILT & CLAY, little Gravel, trace Sand, moist.		
		2 - 4	50			1
3						
4						
	S-2	4 - 6	70			0
5						
6						
		6 - 8	70			0
7						
8						
	S-3	8 - 10	60	FILL-Brown SAND, some Gravel, wet.		0
9						
				Reddish Brown Clayey SILT, little Gravel trace Sand, moist.		
10				(Native).		
		10-12	60			0
11						
12						
		12 - 13	80	Grades to:… wet.		0
13						
				Refusal at 13 feet bgs.		
14						
15						
16						
17						
18						

S - Soil Sample

NOTES: 1) MiniRae 2000 organic vapor meter (OVM) used to field screen soil samples.
ppm = parts per million

General Notes: 1) Stratification lines represent approximate boundary between soil types, transitions may be gradual.
2) Water level readings have been made at times and under conditions stated, fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.

GZA GeoEnvironmental of NY
535 Washington Street
Buffalo, New York
ENGINEERS AND SCIENTISTS

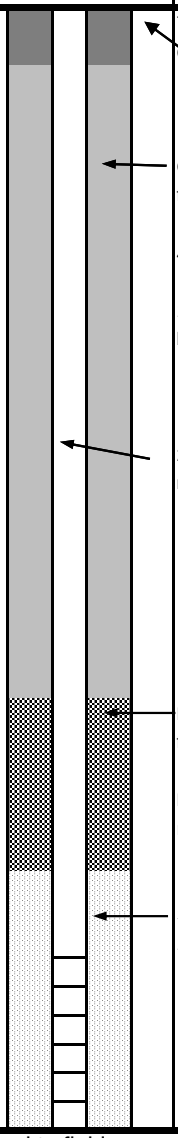
GM Components Holdings, LLC
Building 7 BCP Site
GMCH Lockport Facility

CONTRACTOR	Earth Dimensions, Inc.	BORING LOCATION	See Location Plan
DRILLER	Andy Morris	GROUND SURFACE ELEVATION	597.74 DATUM NGVD29
START DATE	1/11/2011 END DATE 1/12/2011	GZA GEOENVIRONMENTAL REPRESENTATIVE	J. Davide

WATER LEVEL DATA				
DATE	TIME	WATER	CASING	NOTES
			2"	

TYPE OF DRILL RIG	Diedrich D-120
CASING SIZE AND DIAMETER	6 5/8 inch HSA
OVERBURDEN SAMPLING METHOD	2" diameter x 24" long splitspoon
ROCK DRILLING METHOD	HQ Size Rock Core

DEPTH	SAMPLE BLOWS (/6")	NO.	DEPTH (FT)	N-VALUE /RQD %	RECOVERY (%)	SAMPLE DESCRIPTION	WELL INSTALLATION DIAGRAM	WELL INSTALLATION DESCRIPTION	OVM (ppm)
	25	S-1	0 - 2	38	50	ASPHALT and Subbase.		Top of Riser Elev.= 597.67 feet	0
1	28					FILL-Gray SAND and Gravel,		Concrete and Road box	
	10					little Silt, trace Clay, moist.			
2	12								
	14	S-2	2 - 4	29	50	FILL-Reddish Brown SILT and			0
3	14					Clay, little Gravel, little Sand, moist.		Cement/bentonite grout	
	15							from 1 to 11.7 feet.	
4	16								
	11	S-3	4 - 6	22	90			4" steel casing to 13.5 feet.	0
5	9								
	13							10" Nominal diameter	
6	12							borehole to 11.4 feet.	
	13	S-4	6 - 8	26	100	Reddish Brown Clayey SILT, trace			0
7	12					Sand, trace Gravel, moist (Native).			
	14								
8	20							2-inch PVC flush coupled	
	11	S-5	8 - 10	32	100			riser pipe to 16.7 feet.	0
9	15								
	17								
10	23								
	25	S-6	10 - 11.1	>100	60				0
11	41					Grades to:... little Gravel.			
	100/1					Splitspoon refusal at 11.1 feet.			
12						Auger refusal at 11.4 feet bgs.			
								Bentonite Pellets	
13								from 11.7 to 14.7 feet.	
						Rollerbit to 13.5 feet.			
14		C-1	13.5 - 18.5	81	100	BEDROCK		Nominal 3 3/4" diameter	
						Lockport Dolomite Formation		rock hole 13.5 to 23.7 feet.	
15						Gray, hard, very slight to			
						slight weathering, fine grained,			
16						horizontal and low angle fractures.		Sand pack from	
								14.7 to 23.7 feet.	
17									
18									
19		C-2	18.5 - 23.7	93	100				



S - Split Spoon Sample
C - Rock Core Sample

NOTES: 1) MiniRae 2000 organic vapor meter (OVM) used to field screen soil samples.
ppm = parts per million

General Notes:
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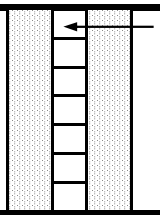
2) Water level readings have been made at times and under conditions stated; fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.

20									

DEPTH	SAMPLE BLOWS (/6")	SAMPLE NO.	SAMPLE DEPTH (FT)	SAMPLE N-VALUE /RQD %	SAMPLE RECOVERY (%)	SAMPLE DESCRIPTION	WELL INSTALLATION DIAGRAM	WELL INSTALLATION DESCRIPTION	OVM (ppm)
21								2-inch PVC Screen SCH. 40, 10 slot, from 16.7 to 23.7 feet.	
22									
23									
24						End of boring at 23.7 feet bgs.			
25									
26									
27									
28									
29									
30									
31									
32									
33									
34									
35									
36									
37									
38									
39									
40									

S - Split Spoon Sample
C - Rock Core Sample

NOTES: 1) MiniRae 2000 organic vapor meter (OVM) used to field screen soil samples.
ppm = parts per million

General Notes:
1) Stratification lines represent approximate boundary between soil types; transitions may be gradual.
2) Water level readings have been made at times and under conditions stated; fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.

CONTRACTOR	Matrix/Earth Dimensions, Inc.	BORING LOCATION	See Location Plan
DRILLER	Mark Janus/Andy Morris	GROUND SURFACE ELEVATION	611.24 DATUM NGVD29
START DATE	1/4/2011 END DATE 1/7/2011	GZA GEOENVIRONMENTAL REPRESENTATIVE	C. Boron/J. Davide

WATER LEVEL DATA				
DATE	TIME	WATER	CASING	NOTES
5/2/2011		8.78	2"	

TYPE OF DRILL RIG	Track mounted probe rig and Diedrich D-120
CASING SIZE AND DIAMETER	6 5/8 inch HSA
OVERBURDEN SAMPLING METHOD	Direct Push
ROCK DRILLING METHOD	HQ Size Rock Core

DEPTH (ft)	SAMPLE BLOWS (/6")	NO.	DEPTH (FT)	N-VALUE /RQD %	RECOVERY (%)	SAMPLE DESCRIPTION	WELL INSTALLATION DIAGRAM	WELL INSTALLATION DESCRIPTION	OVM (ppm)
	See note 2	S-1	0 - 2		50	TOPSOIL		Top of Riser Elev. = 610.96 feet.	0
1						FILL-Dark Brown SILT & CLAY,		Concrete and Road box	
						trace Gravel, trace Sand, moist.			
2									
			2 - 4		50	FILL-Brown Clayey SILT, little			0
3						Sand, little Gravel, moist.		Cement/bentonite grout	
								from 1 to 10 feet.	
4									
		S-2	4 - 6		90	Reddish Brown Clayey SILT, little		4" steel casing to 6 feet.	0
5						Sand, little Gravel, moist (Native).			
								10" Nominal diameter	
6								borehole to 9.7 feet.	
			6 - 8		90				0
7									
8								2-inch PVC flush coupled	
		S-3	8 - 10		80			riser pipe to 13 feet.	0
9									
10									
						Auger refusal at 9.7 feet bgs.			
11									
12						Rollerbit to 11.7 feet bgs.			
		C-1	11.7 - 17.0	75	100	BEDROCK		Bentonite Pellets	
13						Lockport Dolomite Formation		from 10 to 13 feet.	
						Gray, hard, very slight to			
14						slight weathering, fine grained,		Nominal 3 3/4" diameter	
						horizontal and low angle fractures.		rock hole 9.7 to 22 feet.	
15									
16								Sand pack from	
								13 to 22 feet.	
17									
		C-2	17.0 - 22.0	47	100				
18								2-inch PVC Screen	
								SCH. 40, 10 slot,	
19								from 15 to 22 feet.	

S - Split Spoon Sample
C - Rock Core Sample

NOTES: 1) MiniRae 2000 organic vapor meter (OVM) used to field screen soil samples.
ppm = parts per million
2) Overburden soil sample collect via direct push with soil probe rig.

General Notes:
1) Stratification lines represent approximate boundary between soil types; transitions may be gradual.
2) Water level readings have been made at times and under conditions stated; fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.

CONTRACTOR	Matrix/Earth Dimensions, Inc.	BORING LOCATION	See Location Plan
DRILLER	Mark Janus/Andy Morris	GROUND SURFACE ELEVATION	606.45 DATUM NGVD29
START DATE	1/4/2011 END DATE 1/12/2011	GZA GEOENVIRONMENTAL REPRESENTATIVE	C. Boron/J. Davide

WATER LEVEL DATA				
DATE	TIME	WATER	CASING	NOTES
5/2/2011		3.26	2"	

TYPE OF DRILL RIG	Track mounted probe rig and Diedrich D-120
CASING SIZE AND DIAMETER	6 5/8 inch HSA
OVERBURDEN SAMPLING METHOD	Direct Push
ROCK DRILLING METHOD	HQ Size Rock Core

DEPTH	SAMPLE BLOWS (/6")	NO.	DEPTH (FT)	N-VALUE /RQD %	RECOVERY (%)	SAMPLE DESCRIPTION	WELL INSTALLATION DIAGRAM	WELL INSTALLATION DESCRIPTION	OVM (ppm)
	See note 2	S-1	0 - 2		45	TOPSOIL		Top of Riser Elev. = 606.30 feet.	0
1						FILL-Brown SILT & CLAY, trace		Concrete and Road box.	
						Sand, trace Gravel, moist.			
2						FILL-Gray GRAVEL, little Sand,		Cement/bentonite grout	
			2 - 4		45	little Silt, little Clay, moist.		from 1 to 4.9 feet.	0
3									
								4" steel casing to 7 feet.	
4						Reddish Brown Clayey SILT, trace			
		S-2	4 - 5		60	Sand, trace Gravel, moist (Native).		10" Nominal diameter	0
5								borehole to 5 feet.	
						Auger Refusal at 5 feet bgs.			
6								Bentonite Pellets	
								from 4.9 to 7.9 feet.	
7						Rollerbit to 7 feet bgs.			
		C-1	7.0 - 11.8	73	100	BEDROCK			
8						Lockport Dolomite Formation		2-inch PVC flush coupled	
						Gray, hard, very slight to		riser pipe to 9.9 feet.	
9						slight weathering, fine grained,			
						horizontal and low angle fractures.			
10								Sand pack from	
								7.9 to 16.9 feet.	
11									
12									
		C-2	11.8 - 16.9	61	100			Nominal 3 3/4" diameter	
13								rock hole 7 to 16.9 feet.	
14									
15									
								2-inch PVC Screen	
16								SCH. 40, 10 slot,	
								from 9.9 to 16.9 feet.	
17									
						End of probe at 16.9 feet bgs.			
18									
19									

S - Split Spoon Sample
C - Rock Core Sample

NOTES: 1) MiniRae 2000 organic vapor meter (OVM) used to field screen soil samples.
ppm = parts per million
2) Overburden soil sample collect via direct push with soil probe rig.

General Notes:
1) Stratification lines represent approximate boundary between soil types; transitions may be gradual.
2) Water level readings have been made at times and under conditions stated; fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.

CONTRACTOR	Earth Dimensions, Inc.	BORING LOCATION	See Location Plan
DRILLER	Andy Morris	GROUND SURFACE ELEVATION	610.97 DATUM NGVD29
START DATE	12/21/2010 END DATE 12/23/2010	GZA GEOENVIRONMENTAL REPRESENTATIVE	J. Davide

WATER LEVEL DATA				
DATE	TIME	WATER	CASING	NOTES
5/2/2011		1.89	2"	

TYPE OF DRILL RIG	Diedrich D-50 I
CASING SIZE AND DIAMETER	6 5/8 inch HSA
OVERBURDEN SAMPLING METHOD	2" diameter x 24" long splitspoon
ROCK DRILLING METHOD	HQ Size Rock Core

DEPTH	SAMPLE BLOWS (/6")	NO.	DEPTH (FT)	N-VALUE /RQD %	RECOVERY (%)	SAMPLE DESCRIPTION	WELL INSTALLATION DIAGRAM	WELL INSTALLATION DESCRIPTION	OVM (ppm)
	8	S-1	0 - 2	19	75	TOPSOIL		Top of Riser Elev. = 610.24 feet.	6
1	8					FILL - Dark Brown Clayey SILT,		Concrete and Road box.	
	11					some Gravel, little Sand, trace			
2	14					Organics, moist.			
	4	S-2	2 - 4	21	100			Cement/bentonite grout	7
3	8							from 1 to 7 feet.	
	13								
4	28					Reddish Brown Clayey SILT, little		4" steel casing to 8.4 feet.	
	9	S-3	4 - 6	51	60	Gravel, trace Sand, moist.			45
5	22					(NATIVE)		10" Nominal diameter	
	29					Grades to:… little Gravel.		borehole to 6.3 feet.	
6	36					Grades to:… some Gravel, moist			
	100/1	S-4	6 - 6.3	>100	10	to wet.		2-inch PVC flush coupled	7
7						Splitspoon refusal at 6.3 feet.		riser pipe to 12.7 feet.	
8						Rollerbit to 8.4 feet			
		C-1	8.4 - 12.7	90	86	BEDROCK			
9						Lockport Dolomite Formation		Bentonite Pellets	
						Gray, hard, very slight to		from 7 to 10.5 feet.	
10						slight weathering, fine grained,			
						horizontal and low angle fractures.			
11									
12									
		C-2	12.7 - 17.7	87	100				
13									
								Sand pack from	
14								10.5 to 22.7 feet.	
15									
16									
								2-inch PVC Screen	
17								SCH. 40, 10 slot,	
		C-3	17.7 - 22.7	88	100			from 12.7 to 22.7 feet.	
18									
								Nominal 3 3/4" diameter	
19								rock hole 8.4 to 22.7 feet.	

S - Split Spoon Sample
C - Rock Core Sample

NOTES: 1) MiniRae 2000 organic vapor meter (OVM) used to field screen soil samples.
ppm = parts per million

General Notes:
1) Stratification lines represent approximate boundary between soil types; transitions may be gradual.
2) Water level readings have been made at times and under conditions stated; fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.

CONTRACTOR	Earth Dimensions, Inc.	BORING LOCATION	See Location Plan
DRILLER	Andy Morris	GROUND SURFACE ELEVATION	611.35 DATUM NGVD29
START DATE	12/22/2010 END DATE 12/23/2010	GZA GEOENVIRONMENTAL REPRESENTATIVE	J. Davide

WATER LEVEL DATA				
DATE	TIME	WATER	CASING	NOTES
5/2/2011		0.8	2"	

TYPE OF DRILL RIG	Diedrich D-50 I
CASING SIZE AND DIAMETER	6 5/8 inch HSA
OVERBURDEN SAMPLING METHOD	2" diameter x 24" long splitspoon
ROCK DRILLING METHOD	HQ Size Rock Core

DEPTH	SAMPLE BLOWS (/6")	NO.	DEPTH (FT)	N-VALUE /RQD %	RECOVERY (%)	SAMPLE DESCRIPTION	WELL INSTALLATION DIAGRAM	WELL INSTALLATION DESCRIPTION	OVM (ppm)
1						ASPHALT-3 inches		Top of Riser Elev. = 610.92 feet.	
						CONCRETE-7 inches		Concrete and Road box.	
	3	S-1	1 - 3	30	20	FILL - Dark Brown Clayey SILT,		Cement/bentonite grout	0
2	7					some Gravel, little Sand, moist.		from 1 to 3.7 feet.	
	23								
3	11							10" Nominal diameter	
	10	S-4	3 - 5	42	50	Reddish Brown Clayey SILT, little		borehole to 10.9 feet.	0
4	18					Gravel, trace Sand, moist.			
	24					(NATIVE)		4" steel casing to 10.9 feet.	
5	29								
	23	S-3	5 - 7	97	100				0
6	44					2 inch GRAVEL lense.		Bentonite Pellets	
	53							from 7 to 11.7 feet.	
7	65								
	24	S-4	7.0 - 8.7	85	90			2-inch PVC flush coupled	2
8	34					Grades to:… little Gravel.		riser pipe to 12.7 feet.	
	51								
9	100/2					Splitspoon refusal at 8.7 feet.			
10									
								2-inch PVC Screen	
11						Rollerbit to 10.9 feet		SCH. 40, 10 slot,	
		C-1	10.9 - 14.9	87.5	100	BEDROCK		from 12.7 to 19.7 feet.	
12						Lockport Dolomite Formation			
						Gray, hard, very slight to			
13						slight weathering, fine grained,			
						horizontal and low angle fractures.		Sand pack from	
14								11.7 to 19.7 feet.	
15									
		C-2	14.9 - 19.7	100	96			Nominal 3 3/4" diameter	
16								rock hole 10.9 to 19.7 feet.	
17									
18									
19									
20						End of boring at 19.7 feet bgs.			

S - Split Spoon Sample
C - Rock Core Sample

NOTES: 1) MiniRae 2000 organic vapor meter (OVM) used to field screen soil samples.
ppm = parts per million

General Notes:
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2) Water level readings have been made at times and under conditions stated; fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.

ERM

5788 Widewaters Parkway, Dewitt, New York 13214

Boring Number 7-G-10-A

BORING LOG

Project Name & Location: Lockport Phase II	Project Number: 0056607	Date & Time Started: 10/25/06 1330	
Drilling Company: Trec Environmental	Foreman	Date & Time Completed: 10/25/06 1335	Sampler(s) / Sampler Hammer / Drop
Drilling Equipment: Geoprobe	Method: Direct Push	Elevation & Datum	Completion Depth: 7.9' / Rock Depth
Bit Size(s): 2"	Core Barrel(s): 3"	Geologist(s)	

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	LOCATION:				SURFACE DESCRIPTION: Brick 8" Concrete	
0		3'	9.7		Gray gravel fill	
1						
					Sandy silt, Brown, (25, 50, 25)	well rounded gravel
2						
			3.1		Silty clay, Brown, (5, 10, 85)	collected
3						7-G-10-A(0-2)
						@ 1345
4						7-G-10-A(4-7.9)
		4'	1.8		Hard	@ 1350
5						Sticky moist
6						
7						
					refusal @ 7.9'	
8						
9						
10						

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5788 Widewaters Parkway, Dewitt, New York 13214

Boring Number 7-G-10-B

BORING LOG

Project Name & Location: Lockport Phase II	Project Number: 0056607	Date & Time Started: 10/26/06 1156	
		Date & Time Completed: 10/26/06 1205	
Drilling Company: Tree Environmental	Foreman	Sampler(s): WU	Sampler Hammer / Drop
Drilling Equipment: Geoprobe	Method: Direct Push	Elevation & Datum	Completion Depth: 7.9 / Rock Depth
Bit Size(s): 2"	Core Barrel(s): 3"	Geologist(s): WU	

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	LOCATION:				SURFACE DESCRIPTION: Concrete	
0		4'	150.1		6" of gravel fill	7-G-10-B (2-4)
1					6" of silty clay, brown/black stain (5, 10, 85)	@ 1210
					Silty clay, Brown, (5, 10, 85)	
2						homogenous throughout
			249			
3						7-G-10-B (4-6)
						@ 1215
4		4'	272		Silty Clay, Brown (10, 10, 80)	
5						
						semi moist
6			349.6		Silty Clay, Brown, (10, 10, 80)	moist, sticky
7						
8						
9						
10						

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5788 Widewaters Parkway, Dewitt, New York 13214

Boring Number 7G-10-C

BORING LOG

Project Name & Location	Project Number	Date & Time Started: 10/25/06 1300
Lockport Phase II	0056607	Date & Time Completed: 10/25/06 1310
Drilling Company	**Foreman**	**Sampler(s)** / **Sampler Hammer** / **Drop**
Tec Environmental		WU
Drilling Equipment	**Method**	**Elevation & Datum** / **Completion Depth** / **Rock Depth**
Geoprobe	Direct Push	1.5
Bit Size(s)	**Core Barrel(s)**	**Geologist(s)**
2"	3"	WU

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	LOCATION:				SURFACE DESCRIPTION: Concrete 6"	
0		1.5'	0		(silty, clay, Black, 5, 10, 85)	
1					removal, 1.5'	
2					7-G-10-C (0-1.5) @ 1330	
3						
4						
5						
6						
7						
8						
9						
10						

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Boring Number 7-G-1-A

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BORING LOG

Project Name & Location	Project Number	Date & Time Started: 10/19/06 0925
Lockport Phase II	56607	Date & Time Completed: 10/19/06 0930
Drilling Company	Foreman	Sampler(s) / Sampler Hammer / Drop
Trec Environmental	Steve Stockmaster	WH
Drilling Equipment	Method	Elevation & Datum / Completion Depth / Rock Depth
Geoprobe	Direct Push	7.3
Bit Size(s)	Core Barrel(s)	Geologist(s)
2"	3"	WH

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	LOCATION:				SURFACE DESCRIPTION: Concrete	
0		3'	305		2" fill material (gravel, cobbles)	
1					silty clay, DK brown, (5, 10, 85)	
2			324		silty clay, med. brown, (5, 10, 85)	
3					silty clay, light brown, (5, 10, 85)	
4		4'	133			
5					6" layer of pebbles intermixed w/ silty clay (25, 10, 65)	
					silty clay, brown, (5, 10, 85)	
6			65.1			
7						refusal 7.3'
8					Sample 7-G-1-A (0-2) Time 1005	VOC's
					Sample 7-G-1-A (2-4) Time	1000 VOC's
9						
10						

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7.3'

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Boring Number 7-G-1-B

ERM

BORING LOG

Project Name & Location	Project Number	Date & Time Started: 10/19/06 0955
Lockport Phase II	56607	Date & Time Completed: 10/19/06 1005
Drilling Company	**Foreman**	**Sampler(s)** / **Sampler Hammer** / **Drop**
Trec Environmental	Steve Stockmaster	6.8
Drilling Equipment	**Method**	**Elevation & Datum** / **Completion Depth** / **Rock Depth**
Geoprobe	Direct Push	
Bit Size(s)	**Core Barrel(s)**	**Geologist(s)**
2"	3"	WL

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	LOCATION:				SURFACE DESCRIPTION: Concrete 6"	
0		4'	8.1		Sandy silt, med. Brown (25, 50, 25)	
1						
2					silty clay, red Brown, (10, 10, 80)	
			10.1			
3					silty clay red brown, (5, 10, 85)	
4		4'	11.0		sandy silt, med. brown, (25, 25, 50)	
5						
6					silty clay med. brown, (5, 10, 85)	moist
			2.3			
7						6.8' refusal
8					Sample 7-G-1-B (2-4) Time 1025	VOC's
					Sample 7-G-1-B (4-6) Time 1030	VOC's
9						
10						

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5788 Widewaters Parkway, Dewitt, New York 13214

Boring Number: 7-G-1-C

BORING LOG

Project Name & Location: Lockport Phase II	Project Number: 56607	Date & Time Started: 10/18/06 1410	
Drilling Company: Trec Environmental	Foreman: Steve Stockmaster	Date & Time Completed: 10/18/06 1425	
Drilling Equipment: Geoprobe	Method: Direct Push	Sampler(s): WH	Sampler Hammer: — Drop: —
Bit Size(s): 2"	Core Barrel(s): 3"	Elevation & Datum: —	Completion Depth: 9.6' Rock Depth: —
		Geologist(s): WH	

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	LOCATION:				SURFACE DESCRIPTION: concrete 8"	
0		4'	738		stone fill w/ 6"	
1					silty clay, Brown, (5,10,85)	
2			1832		red brown	strong odor
3						
4		4'	110			
5					2" rock fragment	
6			3084		silty clay, reddish brown, (5,10,85)	moist, compacted 7-G-1-C(6-8) @ 1445 DUP 7-G-1-C
7						
8		1.5	3534		silty clay, greenish brown (5,10,85)	7-G-1-C(8-9.6) @ 1450
9					sandy silt, Brown, (20,20,60)	9.6' refusal
10						

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Boring Number 7-G-1-D

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BORING LOG

Project Name & Location	Project Number	Date & Time Started: 10/19/06 1020
Lockport Phase II	56607	Date & Time Completed: 10/19/06 1025
Drilling Company	Foreman	Sampler(s) / Sampler Hammer / Drop
Trec Environmental	Steve Stockman	
Drilling Equipment	Method	Elevation & Datum / Completion Depth / Rock Depth
Geoprobe	Direct Push	7.5
Bit Size(s) 2"	Core Barrel(s) 3½"	Geologist(s) WM

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	LOCATION:				SURFACE DESCRIPTION: 8" Concrete	
0		3'	4.1		fill material, small pebbles, brown	
1					sandy silt, med. brown, (5, 10, 85)	Sticky, (wet) moist
2			3.8			
3					Homogenous throughout	
4		4'	2.3			
5						
6			2.8		Sandy silt, med. brown (15, 10, 75)	
7						7.5' refusal
8					Collected 7-G-1-D(0-2) @ 1045	
9					Collected 7-G-1-D(2-4) @ 1050	
10						

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Boring Number 7-G-11-A

ERM

BORING LOG

Project Name & Location	Project Number	Date & Time Started: 10/25/06 1220
Lockport Phase II	56607	Date & Time Completed: 10/25/06 1230
Drilling Company: Trec Environmental	Foreman	Sampler(s): WU / Sampler Hammer / Drop
Drilling Equipment: Geoprobe	Method: Direct Push	Elevation & Datum / Completion Depth: 7.5 / Rock Depth
Bit Size(s): 2"	Core Barrel(s): 3"	Geologist(s): WU

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	LOCATION:				SURFACE DESCRIPTION: Concrete 8"	
0		2'	3.4		rocky fill material	well round pebbles
1					sandy silty Brown, (25,25,50)	
2			4.6			
3					silty clay, Brown, Blackstain, (5,10,85)	7-G-11-A (2-4) @ 1235
4		3'	3.4		silty clay, Brown (5,10,85)	7-G-11-A (4-6) @ 1240
5					3" long rock fragment	moist, sticky
6			2.8			
7					refusal @ 7.5' bgs	
8						
9						
10						

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5788 Widewaters Parkway, Dewitt, New York 13214

Boring Number 7-G-11-B

BORING LOG

Project Name & Location: Lockport Phase II	Project Number: 56607	Date & Time Started: 10/25/06 1140	
		Date & Time Completed: 10/25/06 1145	
Drilling Company: Trec Environmental	Foreman	Sampler(s): WL	Sampler Hammer / Drop
Drilling Equipment: Geoprobe	Method: Direct Push	Elevation & Datum	Completion Depth: 6.5 / Rock Depth
Bit Size(s): 2"	Core Barrel(s): 3"	Geologist(s): WL	

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	LOCATION:				SURFACE DESCRIPTION: Concrete 8"	
0		4'	7.2		3" rocky fill 2" black stained silty clay, (5, 10, 85)	
1					silty clay, Brown, (5, 10, 85)	
						7-G-11-B (2-4) @ 1200
2					Homogeneous throughout	
			666.8			7-G-11-B (4-6.5) @ 1205
3						
4		3.5	7.4			
5					Sandy silt, Med brown (5, 75, 20)	
6					rock frag. 6.5' bgs	
7						
8						
9						
10						

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Boring Number 7-G-11-C

BORING LOG

Project Name & Location	Project Number	Date & Time Started: 10/25/06 1120
Lockport Phase II	56607	Date & Time Completed: 10/25/06 1130
Drilling Company	**Foreman**	**Sampler(s)** / **Sampler Hammer** / **Drop**
Trec Environmental		WM
Drilling Equipment	**Method**	**Elevation & Datum** / **Completion Depth** / **Rock Depth**
Geoprobe	Direct Push	5.5'
Bit Size(s)	**Core Barrel(s)**	**Geologist(s)**
2"	3"	WM

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	LOCATION:				SURFACE DESCRIPTION: Concrete 8"	
0		3'	321		fill gravel	
1					2" black flaky materia silty clay, Brown, (5,10,85)	collected 7-G-11-C (2-4) @ 1130
2			2189			7-G-11-C (4-5.5) @ 1135
3					Sandy silt, Brown, (10,20,70)	
4		2'	2458			odor
5					gravel layer, well rounded, 1" diameter silty clay, Brown, (5,10,85) refusal @ 5.5' bgs	
6						
7						
8						
9						
10						

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Boring Number 7-G-4-A

BORING LOG

WU

Project Name & Location	Project Number	Date & Time Started: 10/23/06 1100
Lockport Phase II	56607	Date & Time Completed: 10/23/06 1105
Drilling Company	**Foreman**	**Sampler(s)** / **Sampler Hammer** / **Drop**
Trec Environmental		WU
Drilling Equipment	**Method**	**Elevation & Datum** / **Completion Depth** / **Rock Depth**
Geoprobe	Direct Push	3.5
Bit Size(s)	**Core Barrel(s)**	**Geologist(s)**
2"	3"	WU

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	LOCATION:				SURFACE DESCRIPTION:	
0		3'	2.6		Concrete 6" silty sand, (50, 25, 25)	
1						fill material, containing rocks up to 1" in diameter, very tough for driller to drill to this depth.
2						
3			3.5'		refusal @ 3.5' bgs	
4					collected 7-G-4-A(0-2)	
5					@ 1115 collected 7-G-4-A(2-3.5)	
6					@ 1120	
7						
8						
9						
10						

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5788 Widewaters Parkway, Dewitt, New York 13214

Boring Number: 7-G-4-B

BORING LOG

Project Name & Location	Project Number	Date & Time Started: 10/23/06 1120		
Lockport Phase II	56607	Date & Time Completed: 10/23/06 1130		
Drilling Company	Foreman	Sampler(s) WU	Sampler Hammer	Drop
Trec Environmental				
Drilling Equipment	Method	Elevation & Datum	Completion Depth	Rock Depth
Geoprobe	Direct Push		4.2	
Bit Size(s) 2"	Core Barrel(s) 3"	Geologist(s) WU		

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	LOCATION:				SURFACE DESCRIPTION: Concrete	
0		2.5'	2.8		silty sand, Brown, (50, 25, 25)	fill material, containing rocks up to 1" diameter, very tough for driller to get through.
1						
2						
			1.2			
3						
4						
5					Collected 7-G-4-B(0-2) @ 1140	
6					7-G-4-B(2-4.2) @ 1145	
7						
8						
9						
10						

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5788 Widewaters Parkway, Dewitt, New York 13214

Boring Number 7-G-4-C

BORING LOG

Project Name & Location	Project Number	Date & Time Started: 10/26/06 1045
Lockport Phase II	56607	Date & Time Completed: 10/26/06 1600
Drilling Company	**Foreman**	**Sampler(s)** / **Sampler Hammer** / **Drop**
Trec Environmental		WU
Drilling Equipment	**Method**	**Elevation & Datum** / **Completion Depth** / **Rock Depth**
Trec Environmental	Direct Push	10.5
Bit Size(s)	**Core Barrel(s)**	**Geologist(s)**
2"	3"	WU

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	LOCATION:				SURFACE DESCRIPTION: Concrete 6"	
0		2'	10.5		Gravely sandy clay, brown (30,30,40)	7-G-4-C (8-10.7) @ 1620
1						
2						7-G-4-C (6-2)
			4.2		broken shale sandy clay, brown, (20,25,55)	@ 1615
3						
4		1	5.4		gravely sandy clay, grey/brown, (15,30,65)	
5			~~13.5~~			may not be representative of entire 4-8' bgs
6						
7						
8		1.5'	13.5		sandy clay, brown/grey (25,25,50)	saturated water
9						
10						

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Boring Number 7-6-4-C

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BORING LOG

Project Name & Location	Project Number	Date & Time Started: 10/26/06
Lockport Phase II	56607	Date & Time Completed: 10/26/06
Drilling Company	Foreman	Sampler(s) / Sampler Hammer / Drop
Trec Environmental		
Drilling Equipment	Method	Elevation & Datum / Completion Depth / Rock Depth
Bit Size(s)	Core Barrel(s)	Geologist(s)

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
10	LOCATION:	1.5	13.5		SURFACE DESCRIPTION: Sandy clay, brown grey, (25, 25, 50)	Angular rock saturated water
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

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Boring Number 7-G-4-C

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BORING LOG

Project Name & Location	Project Number	Date & Time Started: 10/24/06 1425	
Lockport Phase II	56607	Date & Time Completed: 10/24/06 1725	
Drilling Company	Foreman	Sampler(s)	Sampler Hammer / Drop
Trec Environmental		WU	
Drilling Equipment	Method	Elevation & Datum	Completion Depth / Rock Depth
Geoprobe	Direct Push		1.25'
Bit Size(s)	Core Barrel(s)	Geologist(s)	
2"	3"	WU	

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	LOCATION:				SURFACE DESCRIPTION:	
0		0			Concrete 6"	no sample collect, no recovery
1					refusal 1.5' hard to drill throughout	
2						
3						
4						
5						
6						
7						
8						
9						
10						

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Boring Number 7-G-4-D

BORING LOG

Project Name & Location	Project Number	Date & Time Started: 10/23/06 1200
Lockport Phase II	56607	Date & Time Completed: 10/23/06 1215
Drilling Company	**Foreman**	**Sampler(s)** / **Sampler Hammer** / **Drop**
Trec Environmental		WU
Drilling Equipment	**Method**	**Elevation & Datum** / **Completion Depth** / **Rock Depth**
Geoprobe	Direct Push	10.75
Bit Size(s)	**Core Barrel(s)**	**Geologist(s)**
2"	3"	WU

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	LOCATION:				SURFACE DESCRIPTION: Concrete 6"	
0		1.5	0		sandy silty Brown, (50,25,25)	
1						2" diameter rocks
						very hard to drill thru
2						may not be representative
						7-G-4-D (4-6)
3						@ 1230
						7-G-4-D (6-8)
4		4'	.9			@ 1235
5					Silty clay, Dk Brown, Black (5,15,80)	odor
						DUP
6			4.0			
					Silty clay, Brown, (5,10,85)	
7						
8		1.5	0		sandy silt, Brown, Black, (5,25,70)	
9						
10						

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5788 Widewaters Parkway, Dewitt, New York 13214

Boring Number 7-6-4-D

BORING LOG

Project Name & Location	Project Number	Date & Time Started: Date & Time Completed:		
Drilling Company	Foreman	Sampler(s)	Sampler Hammer	Drop
Drilling Equipment	Method	Elevation & Datum	Completion Depth	Rock Depth
Bit Size(s)	Core Barrel(s)	Geologist(s)		

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	LOCATION:				SURFACE DESCRIPTION:	
10		↓	0		Sandy silt, Brown Blk, (5, 25, 70 refusal	Saturated w/ water
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

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Boring Number 7-6-4E

ERM

BORING LOG

Project Name & Location	Project Number	Date & Time Started: 10/23/06 1020
Lockport Phase II	56607	Date & Time Completed: 10/23/06 1045
Drilling Company: Trec Environmental	Foreman	Sampler(s): WU; Sampler Hammer; Drop
Drilling Equipment: Geoprobe	Method: Direct Push	Elevation & Datum; Completion Depth: 9.8'; Rock Depth
Bit Size(s): 2"	Core Barrel(s): 3"	Geologist(s): WU

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	LOCATION:				SURFACE DESCRIPTION: Concrete 8"	
0		1	1.5		sandy silt, Brown, (25, 25, 50)	fill material, larger rocks
1						
2						may not be representative of entire 4' bgs
3						
4						collected 7-6-4(4-6) @ 1050
		4'	3.5		silty, clay, brown, (5, 10, 85)	
5						collected 7-6-4(6-8) @ 1055
					silty clay, black, (5, 10, 85)	
6			3.8		silty clay, brown, (5, 10, 85)	
7						
8					rock fragment	
		4'	3.3			
9						
10					rock fragments	refusal

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Boring Number 7-G-6-A

BORING LOG

Project Name & Location: Lockport III	Project Number: 0056607	Date & Time Started: 10/26/06 1403	
Drilling Company: Test Envial	Foreman	Date & Time Completed: 10/26/06 1408	
Drilling Equipment: Geoprobe	Method: Direct Push	Sampler(s): WH	Sampler Hammer / Drop
Bit Size(s): 2"	Core Barrel(s): 3'	Elevation & Datum	Completion Depth: 3.75' / Rock Depth
		Geologist(s): WH	

DEPTH (ft below grade)	Sample Number	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	LOCATION:			SURFACE DESCRIPTION: Concrete	
0		19.8		30" gravel fill	large gravel pieces .5" -> 2"
1				Sand, silt, brown, (25, 50, 25)	Same throughout,
2		33.1			sandy silt, mixed w/ angular pieces of gravel
3					
4					
5				7-G-6-A (0-2) @ 1410	DUP sample collected
6				7-G-6-A (2-3.75) @ 1415	
7					
8					
9					
10					

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5788 Widewaters Parkway, Dewitt, New York 13214

Boring Number 7-G-6-B

ERM

BORING LOG

Project Name & Location	Project Number	Date & Time Started: 10/26/06 1410
Lockport Phase II	56607	Date & Time Completed: 10/26/06 1415
Drilling Company	**Foreman**	**Sampler(s)** / **Sampler Hammer** / **Drop**
Trec Environmental		WU
Drilling Equipment	**Method**	**Elevation & Datum** / **Completion Depth** / **Rock Depth**
Geoprobe	3" Direct Push	3.75
Bit Size(s)	**Core Barrel(s)**	**Geologist(s)**
2"	3"	WU

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	LOCATION:				SURFACE DESCRIPTION: Concrete	
0		2.5			Sandy silt, brown, (20, 60, 20)	
1						homogeneous throughout, sandy silty clay, containing
2						gravel that is angular and up to 1" diameter.
3						
4						
5					7-G-6-B(0-2) @ 1420	
6					7-G-6-B(2-3.75) @ 1425	
7						
8						
9						
10						

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ERM

5788 Widewaters Parkway, Dewitt, New York 13214

Boring Number **7-L-1**

BORING LOG

Project Name & Location: Lockport Phase II	Project Number: 0056607	Date & Time Started: 10/26/06 840	
Drilling Company: Tree Enviro	Foreman	Sampler(s): WH	Sampler Hammer / Drop
Drilling Equipment: Geoprobe	Method: Direct Push	Elevation & Datum	Completion Depth: 3.5' bgs / Rock Depth
Bit Size(s): 2"	Core Barrel(s): 3"	Geologist(s): WH	

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	LOCATION:				SURFACE DESCRIPTION: Concrete 1'	
0		2.5	38.4		rocky fill, brown in color, angular gravel	
1					up to 2" diameter	7-L-1 (0-3.5) @ 0850
2			114			
3					black product, silty clay, black (25, 25, 50)	odor
					refusal, 3.5' bgs	
4						
5						
6						
7						
8						
9						
10						

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5788 Widewaters Parkway, Dewitt, New York 13214

Boring Number 7-G-2-A

ERM

BORING LOG

Project Name & Location	Project Number	Date & Time Started: 10/19/00 1450
Lockport Phase II	56607	Date & Time Completed: 10/19/00 1505
Drilling Company	Foreman	Sampler(s) / Sampler Hammer / Drop
Trec Environmental		WU
Drilling Equipment	Method	Elevation & Datum / Completion Depth / Rock Depth
Geoprobe	Direct Push	6.8'
Bit Size(s)	Core Barrel(s)	Geologist(s)
2"	3"	WU

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	LOCATION:				SURFACE DESCRIPTION: Concrete	
0		3'	0		Sandy silt, Brown, (50, 25, 25)	loose
1						
					Silty clay, Dk brown, (10, 15, 75)	compacted
2						7-G-2-A(2-4)@1525
3						
4		4'			Silty clay, Dk Brown, (15, 10, 75)	7-G-2-A(4-6.8)@1530
5						
					Trace frags w 2" I	
6						
						refusal @ 6.8' bgs
7						
					Collected	
8					7-G-2-A( ) @	
					7-G-2-A( ) @	
9						
10						

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5788 Widewaters Parkway, Dewitt, New York 13214

Boring Number 7-G-2-B

BORING LOG

Project Name & Location: Lockport Phase II	Project Number: 0056607	Date & Time Started: 10/26/06 1455 Date & Time Completed: 10/26/06 1500	
Drilling Company: Trec Environmental	Foreman	Sampler(s): WU	Sampler Hammer / Drop
Drilling Equipment: Geoprobe	Method: Direct Push	Elevation & Datum	Completion Depth: 1.5 / Rock Depth
Bit Size(s): 2"	Core Barrel(s): 3'	Geologist(s): WU	

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	LOCATION:				SURFACE DESCRIPTION: Concrete	fill material
0		1'			Gravely sand, Brown, (50, 25, 25)	
1					1.5' bgs	
2					7-G-2-B (0-1.5)	
3					@ 1310 VOC's	
4						
5						
6						
7						
8						
9						
10						

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5788 Widewaters Parkway, Dewitt, New York 13214

Boring Number 7-6-2-C

BORING LOG

Project Name & Location	Project Number	Date & Time Started: 10/26/06 1440
Lockport Phase II		Date & Time Completed: 10/26/06 1450
Drilling Company	**Foreman**	**Sampler(s)** / **Sampler Hammer** / **Drop**
Tree Environmental		WM
Drilling Equipment	**Method**	**Elevation & Datum** / **Completion Depth** / **Rock Depth**
Geoprobe	Direct Push	9.5
Bit Size(s)	**Core Barrel(s)**	**Geologist(s)**
2"	3"	WM

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	LOCATION:				SURFACE DESCRIPTION: Concrete	
0		3'	34.2		6" fill material	Samples 7-6-2-C (6-8) @ 1500 (304 Bmm)
1					silty clay, Dk Brown, (60, 20, 70)	7-6-2-C (8-9.5) @ 1505
2			126			
3					silty clay, Dk Brown, (5, 20, 75)	
4		4'	118		silty clay, Med. Brown, (5, 10, 85)	Tight
5						
6			364		sandy clay, Brown (20, 40, 40)	moist
7						
8		3.5'	326		6" gravelly clay, Brown (75, 5, 20)	
9					silty clay, Brown (5, 10, 85) refusal @ 9.5'	
10						

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5788 Widewaters Parkway, Dewitt, New York 13214

Boring Number 7-G-5-A

BORING LOG

Project Name & Location	Project Number	Date & Time Started: 10/23/06 1525
Lockport Phase II	56607	Date & Time Completed: 10/23/06 1550
Drilling Company	**Foreman**	**Sampler(s)** / **Sampler Hammer** / **Drop**
Trec Environmental		WU
Drilling Equipment	**Method**	**Elevation & Datum** / **Completion Depth** / **Rock Depth**
Geoprobe	Direct Push	14'
Bit Size(s)	**Core Barrel(s)**	**Geologist(s)**
2"	3"	WU

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	LOCATION:				SURFACE DESCRIPTION: Concrete 8"	
0		2'	0		Sandy silt, brown, (25, 50, 25)	
1						
2			0			
3					2" layer of Sandy silt, tan/light brown, (5, 80, 15)	
					Sandy silt, Dk brown, (5, 60, 35)	
4		6"	0		Sandy silt, Dk brown, (5, 60, 35) →	may not be representative of 4-8' bgs
5						
6						
7						7-G-5-A (8-10) @ 1550
8					rock frag covering plastic sleeve	
		3'	0		(WU) Sandy silt Silty sand, Dk brown, 15, 15, 80)	
9					(WU) Silty sand, Dk brown/gray (5, 85, 5)	
10						

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5788 Widewaters Parkway, Dewitt, New York 13214

Boring Number 7-G-5-A

BORING LOG

Project Name & Location	Project Number	Date & Time Started: / Date & Time Completed:		
Drilling Company	Foreman	Sampler(s)	Sampler Hammer	Drop
Drilling Equipment	Method	Elevation & Datum	Completion Depth 14'	Rock Depth
Bit Size(s)	Core Barrel(s)	Geologist(s)		

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	LOCATION:				SURFACE DESCRIPTION:	
10		3	0		silty sand, Dk Brown/grey (5,8,5,5)	7-G-5-A (10-12) @ 1555
11						
12		0			? ?	
13						rock at end of core
14			refusal			
15						
16						
17						
18						
19						
20						

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5788 Widewaters Parkway, Dewitt, New York 13214

Boring Number 7-G-5-B

ERM

BORING LOG

Project Name & Location	Project Number	Date & Time Started: 10/23/06 1600		
Lockport Phase II	56607	Date & Time Completed: 10/23/06 1605		
Drilling Company	Foreman	Sampler(s)	Sampler Hammer	Drop
Trec Environmental		WH		
Drilling Equipment	Method	Elevation & Datum	Completion Depth	Rock Depth
Geoprobe	Direct Push		1.9	
Bit Size(s) 2"	Core Barrel(s) 3"	Geologist(s) WH		

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	LOCATION:				SURFACE DESCRIPTION: Concrete	
0					Rocky fill material	collected
1					Silty clay, medium brown (25,5,70)	7-G-5-B(0-1.9) @ 1620
					Rock frag refusal	
2						
3						
4						
5						
6						
7						
8						
9						
10						

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5788 Widewaters Parkway, Dewitt, New York 13214

Boring Number 7-G-5-C

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BORING LOG

Project Name & Location	Project Number	Date & Time Started: 10/24/06 0845	
Lockport Phase II	56607	Date & Time Completed: 10/24/06 0915	
Drilling Company	Foreman	Sampler(s)	Sampler Hammer / Drop
Trec Environmental		WH	
Drilling Equipment	Method	Elevation & Datum	Completion Depth / Rock Depth
Geoprobe	Direct Push		11.7
Bit Size(s)	Core Barrel(s)	Geologist(s)	
2"	3"	WH	

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
0	LOCATION:				SURFACE DESCRIPTION: Concrete 6"	*PID Background varies from 5-8.0
		4'	7.9		Rock fill	
1					Sandy silt, med brown, (15, 50, 35)	
2						collected samples 7-G-5-C (6-5) @ 0925
			8.2		3" layer of rock	
3					Silty clay, Black/Brown, (15, 50, 35)	
4		4'	7.5			7-G-5-C (10-11.7) @ 0930
5					Silty clay, brown, (5, 10, 85)	
6					3" layer of well rounded pebbles (about 1/8" in size)	
7					Silty clay, brown, (5, 10, 85)	← sticky
8		4'	7.9			
9					5" layer of sandy silt, brown/black (15, 50, 35)	
					Silty clay, med. brown (5, 10, 85)	
10						

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5788 Widewaters Parkway, Dewitt, New York 13214

Boring Number 7-G-5-C

BORING LOG

Project Name & Location	Project Number	Date & Time Started:		
Lockport Phase II	56607	Date & Time Completed:		
Drilling Company	Foreman	Sampler(s)	Sampler Hammer	Drop
Trec Environmental				
Drilling Equipment	Method	Elevation & Datum	Completion Depth	Rock Depth
			11.7	
Bit Size(s)	Core Barrel(s)	Geologist(s)		

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
10	LOCATION: cl		25.9		SURFACE DESCRIPTION: silty clay (5, 10, 5)	very moist
11						refusal @ 11.7
2						
3						
4						
5						
6						
7						
8						
9						
10						

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5788 Widewaters Parkway, Dewitt, New York 13214

Boring Number 7-G-7A

BORING LOG

Project Name & Location	Project Number	Date & Time Started: 10/23/06 1230
Lockport Phase II	56607	Date & Time Completed: 10/23/06 1300
Drilling Company	**Foreman**	**Sampler(s)** / **Sampler Hammer** / **Drop**
Trec Environmental		WH
Drilling Equipment	**Method**	**Elevation & Datum** / **Completion Depth** / **Rock Depth**
Geoprobe	Direct Push	10.5'
Bit Size(s)	**Core Barrel(s)**	**Geologist(s)**
3"	3"	WH

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	LOCATION:				SURFACE DESCRIPTION:	
0					Concrete	
		2'	6.3		rocky fill material, gray	
1						
					Sandy silt, Brown, (25, 10, 65)	
2			6.5			
3						
4		4'				
		4'	6.4			
5						
					Silty clay, Brown, (5, 10, 85)	
6						
			9.9		2" rock fill	7-G-7-A (6-8) @ 1305
7					Silty clay, Reddish Brown, (5, 10, 85)	7-G-7-A (8-10.7) @ 1310
		4				
8		2'	6202			Strong odor
9						
					Silty clay, Reddish Brown, 15, 10, 75	
10						

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5788 Widewaters Parkway, Dewitt, New York 13214

Boring Number 7-G-7-A

BORING LOG

Project Name & Location	Project Number	Date & Time Started: Date & Time Completed:		
Drilling Company	Foreman	Sampler(s)	Sampler Hammer	Drop
Drilling Equipment	Method	Elevation & Datum	Completion Depth	Rock Depth
Bit Size(s)	Core Barrel(s)	Geologist(s)		

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
0	LOCATION:	2'	620		SURFACE DESCRIPTION: Silty clay, Reddish Brown, (5, 10, 7.5)	stick, 10.5' bgs refusal
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						

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5788 Widewaters Parkway, Dewitt, New York 13214

Boring Number 7-G-7-B

BORING LOG

Project Name & Location	Project Number	Date & Time Started: 10/23/06 1315
Lockport Phase II	56607	Date & Time Completed: 10/23/06 1325
Drilling Company	**Foreman**	**Sampler(s)** / **Sampler Hammer** / **Drop**
Trec Environmental		WL
Drilling Equipment	**Method**	**Elevation & Datum** / **Completion Depth** / **Rock Depth**
Geoprobe	Direct Push	7.8'
Bit Size(s)	**Core Barrel(s)**	**Geologist(s)**
2"	3"	WL

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	LOCATION:				SURFACE DESCRIPTION: Concrete	
0		1.5'	2.4		Sandy silt, Brown, (25, 25, 50)	
1						1-2" diameter rock fragments throughout
2						7-G-7-B (4-6) @ 1340
3						
4		4'	2.6		Silty clay, Brown, (5, 10, 85) Homogenous throughout	7-G-7-B (6-7.8) @ 1345
5						
6			3.3			
7					rock fragment	Refusal @ 7.8'
8						
9						
10						

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5788 Widewaters Parkway, Dewitt, New York 13214

Boring Number 7-G-8-A

BORING LOG

Project Name & Location	Project Number	Date & Time Started: 10/24/06
Lockport Phase II	56607	Date & Time Completed: 10/24/06
Drilling Company	**Foreman**	**Sampler(s)** / **Sampler Hammer** / **Drop**
Trec Environmental		WU
Drilling Equipment	**Method**	**Elevation & Datum** / **Completion Depth** / **Rock Depth**
Geoprobe	Direct Push	2.5' bgs
Bit Size(s)	**Core Barrel(s)**	**Geologist(s)**
2"	3"	WU

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	LOCATION:				SURFACE DESCRIPTION: 6" Concrete	Background PID of 4.3
0		1'	28.6		Sandy silt + fill material, Gray, (2.5Y 5/1, 10)	
1						
						rock frags on end of core
2					silty clay, brown, (5Y 5/3, 55)	
					rock fragments 2.5' refusal	
3						
					Collected	
4					7-G-8-A (0-2.5)	
					@ 1120	
5						
6						
7						
8						
9						
10						

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5788 Widewaters Parkway, Dewitt, New York 13214

Boring Number 7-G-8-B

BORING LOG

Project Name & Location	Project Number	Date & Time Started: 10/24/06
Lockport Phase II	56607	Date & Time Completed: 10/24/06

Drilling Company	Foreman	Sampler(s)	Sampler Hammer	Drop
Trec Environmental		WH		

Drilling Equipment	Method	Elevation & Datum	Completion Depth	Rock Depth
Geoprobe	Direct Push			

Bit Size(s)	Core Barrel(s)	Geologist(s)
2"	3"	WH

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	LOCATION:				SURFACE DESCRIPTION: 6" concrete	
0		4'	3710		rocky fill / rocky fill / grey in color	
1					silty clay, DK brown black, (5,10,85)	
2			10000	849	silty clay, med brown (5,10,85)	
					silty clay, light brown, (5,10,85)	
3						7-G-8-B(6-8) @ 1205
4		4'	393			
5					Sandy silt, med Brown, (5,60,35)	7-G-8-B(8-10) @ 1210
6			5811		3" rock frag	
7					silty clay, med brown, 5, 25, (70)	
8		2'	10000+			
9					3" layer of sand/small pebbles overlaying silty clay, Med Brown, (5,10,85)	
10						refusal @ 10' bgs

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5788 Widewaters Parkway, Dewitt, New York 13214

Boring Number 7-G-8-C

BORING LOG

Project Name & Location	Project Number	Date & Time Started: 10/24/06 1215
Lockport Phase II	56607	Date & Time Completed: 10/24/06 1230
Drilling Company	**Foreman**	**Sampler(s)** / **Sampler Hammer** / **Drop**
Trec Environmental		WL
Drilling Equipment	**Method**	**Elevation & Datum** / **Completion Depth** / **Rock Depth**
Geoprobe	Direct Push	10.75' bgs
Bit Size(s)	**Core Barrel(s)**	**Geologist(s)**
2"	3"	WL

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	LOCATION:				SURFACE DESCRIPTION:	
0					8" Concrete	
		3'	11.8		rock fill material, grey in color	
1					↓ ↓	
					Sandy silt, Brown, (25, 25, 50)	contains rounded pebble,
2					↓ ↓	
			11.1		silty clay, Brown/Blackstains (10, 15, 75)	
3						
						7-G-8-C (6-8)
4						@ 1230
		4'	18.4			
5						7-G-8-C (8-10.75)
						@1235
6					silty clay, Brown (15, 10, 75)	
			47.3			
7					rock fragment	
					silty clay, Brown, (10, 10, 80)	sticky
8						
		4'	18.9		~~Sandy~~ silt, Grey (5, 75, 20)	odor
9					↓	↓
					silty clay, Brown, (5, 10, 85)	
10						

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ERM

5788 Widewaters Parkway, Dewitt, New York 13214

Boring Number 7-6-8-C

BORING LOG

Project Name & Location	Project Number	Date & Time Started: Date & Time Completed:		
Drilling Company	Foreman	Sampler(s)	Sampler Hammer	Drop
Drilling Equipment	Method	Elevation & Datum	Completion Depth	Rock Depth
Bit Size(s)	Core Barrel(s)	Geologist(s)		

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	LOCATION:				SURFACE DESCRIPTION:	
0		4'	1869		silty clay, Brown, (5, 10, 35)	odor
					rock frags refusal 10.75' 5YR	
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						

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ERM

5788 Widewaters Parkway, Dewitt, New York 13214

Boring Number 7-FF-1

BORING LOG

Project Name & Location	Project Number	Date & Time Started: 10/15/06 1305
Lockport Phase II	56607	Date & Time Completed: 10/18/06 1315
Drilling Company	Foreman	Sampler(s) / Sampler Hammer / Drop
Trec Environmental	Steve Stoltzmaster	WU
Drilling Equipment	Method	Elevation & Datum / Completion Depth / Rock Depth
Geoprobe	Direct Push	3.3
Bit Size(s)	Core Barrel(s)	Geologist(s)
2"	3"	WU

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	LOCATION:				SURFACE DESCRIPTION:	
0		1.2'			Concrete	
			20.0		Rock-fill material	7-FF-1(0-3.3)
1						@ 1320
2						black product
3					rock fragments	refusal 3.3'
4						
5						
6						
7						
8						
9						
10						

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5788 Widewaters Parkway, Dewitt, New York 13214

Boring Number: 7-FF-2

BORING LOG

Project Name & Location: Lockport Phase II	Project Number: 56607	Date & Time Started: 12/16/16 1240	
		Date & Time Completed: 12/16/16 1250	
Drilling Company: Trec Environmental	Foreman: Steve Stockmaster	Sampler(s): WH	Sampler Hammer:	Drop:
Drilling Equipment: Geoprobe	Method: Direct Push	Elevation & Datum:	Completion Depth: 5.6'	Rock Depth:
Bit Size(s): 2"	Core Barrel(s): 3"	Geologist(s): WH		

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	LOCATION:				SURFACE DESCRIPTION: Concrete 14"	
0		1'	2.2		silty clay, brown, (25, 10, 65)	Very tough to drill through, 1' recovery may not be representative of entire 4' column. Sample collected @ 1255 - 7-FF-2(0-4)
1						
2						
3						
4		1'	.6		large rock fragments throughout 4-5.5'	7-FF-2(4-5.6) @ 1300
5					large rock sheet at end of core.	5.6' refusal
6						
7						
8						
9						
10						

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5.6'

ERM

5788 Widewaters Parkway, Dewitt, New York 13214

Boring Number 7-FF-3

ERM

BORING LOG

Project Name & Location	Project Number	Date & Time Started: 10/18/06
Lockport Phase II	56607	Date & Time Completed: 10/18/06
Drilling Company	**Foreman**	**Sampler(s)** / **Sampler Hammer** / **Drop**
Trec Environmental	Steve Stockmaster	WU.
Drilling Equipment	**Method**	**Elevation & Datum** / **Completion Depth** / **Rock Depth**
Geoprobe	Direct Push	
Bit Size(s)	**Core Barrel(s)**	**Geologist(s)**
2"	3"	WU

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	LOCATION:				SURFACE DESCRIPTION: Concrete > 14.5"	
0					Could not bore hole	
1					Concrete too thick.	
2						
3						
4						
5						
6						
7						
8						
9						
10						

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ERM

5788 Widewaters Parkway, Dewitt, New York 13214

Boring Number 7-B-1

BORING LOG

Project Name & Location	Project Number	Date & Time Started: 10/31/06 1135
Lockport Phase II	56607	Date & Time Completed: 10/31/06 1145
Drilling Company	**Foreman**	**Sampler(s)** / **Sampler Hammer** / **Drop**
Trec Environmental		WU
Drilling Equipment	**Method**	**Elevation & Datum** / **Completion Depth** / **Rock Depth**
Geoprobe	Direct Push	9'4"
Bit Size(s)	**Core Barrel(s)**	**Geologist(s)**
2"	3"	WU

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	LOCATION:				SURFACE DESCRIPTION: Concrete 8"	
0		2'	5.8		Gravelly sandy silt, Brown, (25, 25, 50)	
1						well rounded pebbles, 1" in size
2			5.1			rock bag at bottom of sleeve may have blocked soil from entering sleeve
3						
4		4'	32.7		silty clay, Brown, (25, 10, 65)	
5						contained well rounded pebbles w/.5" thick
6			78.9		silty clay, Brown, (5, 10, 85)	7-B-1 (6-8) @ 1230
7						7-B-1 (8-9.4) @ 1245
8		4'	83.0			
9						
10						

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ERM

5788 Widewaters Parkway, Dewitt, New York 13214

Boring Number 7-B-2

BORING LOG

Project Name & Location	Project Number	Date & Time Started: 10/31/06 1210
Lockport Phase II	56607	Date & Time Completed: 10/31/06 1215
Drilling Company: Trec Environmental	Foreman	Sampler(s): WL — Sampler Hammer — Drop
Drilling Equipment: Geoprobe — Method: Direct Push		Elevation & Datum — Completion Depth: 3.8 — Rock Depth
Bit Size(s): 2" — Core Barrel(s): 3"		Geologist(s): WL

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	LOCATION:				SURFACE DESCRIPTION: Concrete 8"	very tough drilling
0		1.75			Sandy silt, Dk Brown, (25,25,50)	
1					Homogenous soil, pebbles in 5" throughout	
2						
3						
					rock fragment in 1.5" diameter	
4					7-B-2 (0-3.8) @ 1250	
5						
6						
7						
8						
9						
10						

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5788 Widewaters Parkway, Dewitt, New York 13214

Boring Number 7-B-3

BORING LOG

Project Name & Location	Project Number	Date & Time Started / Completed
Lockport Phase II	0058607	10/26/06 1515 / 10/26/06 1520
Drilling Company	**Foreman**	**Sampler(s)** / **Sampler Hammer** / **Drop**
Trec Environmental		WU
Drilling Equipment	**Method**	**Elevation & Datum** / **Completion Depth** / **Rock Depth**
Geoprobe	Direct Push	3'
Bit Size(s)	**Core Barrel(s)**	**Geologist(s)**
2"	3"	WU

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	LOCATION:				SURFACE DESCRIPTION: Concrete 8"	
0		1.5			Gravelly sand, Brown (25, 50, 25)	homogenous throughout
1						
2						
3					@3' refusal rock fx	
4					7-B-3 (0-3) @ 1530	
5						
6						
7						
8						
9						
10						

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ERM

5788 Widewaters Parkway, Dewitt, New York 13214

Boring Number 7-R-1

BORING LOG

Project Name & Location: Lockport Phase II	Project Number: 0056607	Date & Time Started: 10/25/06 1440	
		Date & Time Completed: 10/25/06 1455	
Drilling Company: Trec Environmental	Foreman:	Sampler(s): WH	Sampler Hammer:	Drop:
Drilling Equipment: Geoprobe	Method: Direct Push	Elevation & Datum:	Completion Depth: 9.25	Rock Depth:
Bit Size(s): 2"	Core Barrel(s): 3"	Geologist(s): WH		

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	LOCATION:				SURFACE DESCRIPTION: Concrete	
0		2'	9.8		Sandy silt, Brown, (25, 50, 25)	well rounded gravel
1						collected
						7-R-1 (0-2) @ 1505
2			6.6			7-R-1 (6-8) @ 1510
3					Sandy silt, Brown 5, 75, 20	
4		3.5'	7.3			
5					Sandy silt, Brown/Black stainings, (5, 85, 10)	
6			9.6		3" layer of sand, stone & black	
7					Sandy silt, Brown/Black stains, (5, 85, 10)	
8		2'	10.6		Silty clay, Brown/Black stains (5, 70, 25)	
9					refusal @ 9.25'	
10						

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5788 Widewaters Parkway, Dewitt, New York 13214

Boring Number 7-R-1

BORING LOG

Project Name & Location	Project Number	Date & Time Started: 10/24/06 1495
Lockport Phase II	56607	Date & Time Completed: 10/24/06 1455
Drilling Company	Foreman	Sampler(s) / Sampler Hammer / Drop
Trec Environmental		
Drilling Equipment	Method	Elevation & Datum / Completion Depth / Rock Depth
Geoprobe	Direct Push	1.2
Bit Size(s)	Core Barrel(s)	Geologist(s)
2"	3"	WY

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	LOCATION:				SURFACE DESCRIPTION: 8" Concrete	no recovery
0					?)	refusal @ 1.2' bgs
1					refusal 1.2'	
2					7-R-1 moved	
3					see other Boring log	
4						
5						
6						
7						
8						
9						
10						

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5788 Widewaters Parkway, Dewitt, New York 13214

Boring Number 7-[redacted]-R-2

ERM

BORING LOG

Project Name & Location	Project Number	Date & Time Started: 10/24/06 1525
Lockport Phase II	56607	Date & Time Completed: 10/24/06 1530
Drilling Company	**Foreman**	**Sampler(s)** / **Sampler Hammer** / **Drop**
Trec Environmental		WU / —
Drilling Equipment	**Method**	**Elevation & Datum** / **Completion Depth** / **Rock Depth**
Geoprobe	Direct Push	4.8'
Bit Size(s)	**Core Barrel(s)**	**Geologist(s)**
2"	3"	WU

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	LOCATION:				SURFACE DESCRIPTION: Concrete	
0		3'	.8		Sandy silt, Brown, (25, 50, 25)	Well rounded pebbles
1						up to 1" in diameter
			1			
2					Sandy silt, Brown, (10, 75, 15)	
			.9			
3						
4		1'	11		Sandy silt, Brown/Black staining (10, 75, 15) rock frags 4.8'	
5						
6					Sampled 7-R-2(2-4) @ 1550	
7					7-R-2(4-4.8) @ 1555	
8						
9						
10						

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5788 Widewaters Parkway, Dewitt, New York 13214

Boring Number 7-R-3

BORING LOG

Project Name & Location	Project Number	Date & Time Started: 10/24/06 1310		
Lockport Phase II	56607	Date & Time Completed: 10/24/06 1320		
Drilling Company	Foreman	Sampler(s)	Sampler Hammer	Drop
Trec Environmental		WY		
Drilling Equipment	Method	Elevation & Datum	Completion Depth	Rock Depth
Geoprobe	Direct Push		7.5'	
Bit Size(s)	Core Barrel(s)	Geologist(s)		
2"	3"	WY		

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	LOCATION:				SURFACE DESCRIPTION: Brick / Concrete	
0		3'	3.4		Sandy silty Brown, (25, 25, 50)	
1						well rounded pebbles throughout
2			8.1			7-R-3 (2-4) @ 1350
3						7-R-3 (6-7.5) @ 1355
4		2.5	5.3		Sandy silt, Brown, (5, 50, 45)	Strong odor
5					silty clay, Brown/Black strong, (10, 10, 80)	
6			25.1		Silty clay, Grey/Black, (5, 10, 55)	
7					refusal	
8						
9						
10						

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5788 Widewaters Parkway, Dewitt, New York 13214

Boring Number: 7-G-3-A

ERM

BORING LOG

Project Name & Location	Project Number	Date & Time Started: 10/19/06 1445
Lockport Phase II	56607	Date & Time Completed: 10/19/06 1530
Drilling Company	**Foreman**	**Sampler(s)** / **Sampler Hammer** / **Drop**
Trec Environmental		WU
Drilling Equipment	**Method**	**Elevation & Datum** / **Completion Depth** / **Rock Depth**
Geoprobe	Direct Push	6.5
Bit Size(s)	**Core Barrel(s)**	**Geologist(s)**
2"	3"	WU

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	LOCATION:				SURFACE DESCRIPTION: Concrete	
0		4'	431		Silty clay, DK brown, (5, 10, 85)	
1						
2			389		Silty clay, Brown/tan, (5, 10, 85)	7-G-3-A (2-4) @ 1445
3					Silty clay medium brown, (5, 10, 85)	
4		4'	9443			7-G-3-A (4-6.5) @ 1450
5						strong odor
6					Sandy silt, medium brown, (5, 10, 85)	moist
						6.5' refusal
7						
8						
9						
10						

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5788 Widewaters Parkway, Dewitt, New York 13214

Boring Number 7-G-3-B

BORING LOG

Project Name & Location: Lockport Phase II	Project Number: 0056607	Date & Time Started: 10/26/06 1215 Date & Time Completed: 10/26/06 1230	
Drilling Company: Trec Environmental	Foreman:	Sampler(s): WH	Sampler Hammer: Drop:
Drilling Equipment: Geoprobe	Method: Direct Push	Elevation & Datum:	Completion Depth: 8' Rock Depth:
Bit Size(s): 2"	Core Barrel(s): 3"	Geologist(s): WH	

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	LOCATION:				SURFACE DESCRIPTION: Concrete 8"	
0		4'	30.6		rocky fill, angular gravel	7-G-3-B(2-4)
1					silty clay, Brown, (10, 10, 80)	@ 1240
						7-G-3-B(6-8)
2						@ 1245 Totals
			471			
3					silty clay, Brown, (5, 10, 85)	
4						tight clay
		4'	28.6			
5					3" rock fragment	
6					silty clay, Brown, (5, 10, 85)	
			2444		2" rock fragment	
7						
8					refusal @ 8'	
9						

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ERM

5788 Widewaters Parkway, Dewitt, New York 13214

Boring Number: 7-G-3-C

ERM

BORING LOG

Project Name & Location	Project Number	Date & Time Started: 10/19/06 1330
Lockport Phase II	56607	Date & Time Completed: 10/19/06 1340
Drilling Company	**Foreman**	**Sampler(s)** / **Sampler Hammer** / **Drop**
Trec Environmental		
Drilling Equipment	**Method**	**Elevation & Datum** / **Completion Depth** / **Rock Depth**
Geoprobe	Direct Push	8.2'
Bit Size(s)	**Core Barrel(s)**	**Geologist(s)**
2"	3"	WY

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	LOCATION:				SURFACE DESCRIPTION: Concrete	Collected
0		4'	149		10" rocky fill	7-G-3-C(0-2)
1					Sandy silt, Med Brown, (5, 10, 85)	@ 1400
2			43.9			
3					Sandy silt, light brown, (5, 10, 85)	sticky moist
4		4'	75.5			Collected 7-G-3-C(4-6) @ 1405
5						
6			10.0		Silty clay, reddish brown, (25, 10, 65)	
7					rock fragment ~2" thick	
8					Silty clay, tan/brown, (25, 10, 65) rock	refusal @ 8.2'
9						
10						

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ERM

5788 Widewaters Parkway, Dewitt, New York 13214

Boring Number 7-M-3

BORING LOG

Project Name & Location	Project Number	Date & Time Started: 10/25/06 0950
Lockport Phase II	56607	Date & Time Completed: 10/25/06 0955
Drilling Company	**Foreman**	**Sampler(s)** / **Sampler Hammer** / **Drop**
Trec Environmental		WU
Drilling Equipment	**Method**	**Elevation & Datum** / **Completion Depth** / **Rock Depth**
Geoprobe	Direct Push	11.7
Bit Size(s)	**Core Barrel(s)**	**Geologist(s)**
2"	3"	WU

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	LOCATION:				SURFACE DESCRIPTION: Concrete	
0		1'	6.3		Sandy silt, brown, (25,50,25)	
1						
						Homogeneous throughout
2						Contains well rounded
						gravel, up to 1" in
3						diameter
						Samples
4						7-M-3 (10-11.7)
		4'	7.2			@ 1005
5						7-M-3 (6-8)
						@ 1000
6					silty clay, Gray Black, (5,10,85)	odor / strong
			16.3	53.1	w/ PID	
7						
8						odor
		4'	9.4		WU Sandy silty clay, Gray Black, (15,10,80)	
9						
10					silty clay, Gray Black, (5,10,85)	

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5788 Widewaters Parkway, Dewitt, New York 13214

Boring Number 7-M-3

BORING LOG

Project Name & Location	Project Number	Date & Time Started: / Date & Time Completed:		
Drilling Company	Foreman	Sampler(s)	Sampler Hammer	Drop
Drilling Equipment	Method	Elevation & Datum	Completion Depth 11.7	Rock Depth
Bit Size(s)	Core Barrel(s)	Geologist(s)		

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
10	LOCATION: 1102w/FID				SURFACE DESCRIPTION: silty clay, gray/Black, 5, 10, 85	sticky (wet) odor
		4'	15.7			
11						odor
					refusal	
12						
13						
14						
15						
16						
17						
18						
19						
20						

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ERM

5788 Widewaters Parkway, Dewitt, New York 13214

Boring Number 7-M-6

BORING LOG

Project Name & Location	Project Number	Date & Time Started: 10/25/06 1005
Lockport Phase II	56607	Date & Time Completed: 10/25/06 1010
Drilling Company	**Foreman**	**Sampler(s)** / **Sampler Hammer** / **Drop**
Trec Environmental		WH
Drilling Equipment	**Method**	**Elevation & Datum** / **Completion Depth** / **Rock Depth**
Geoprobe	Direct Push	4.75
Bit Size(s)	**Core Barrel(s)**	**Geologist(s)**
2"	3"	WH

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	LOCATION:				SURFACE DESCRIPTION: Concrete	Collected out of soil
0		2'	1.5		Gravel fill	7M-6(2-4)@1020
1					Sandy silt, Brown, (5, 85, 90)	7-M-6(4-4.75)@1025
2			1.7			
3						
4		1'	2.7		Sandy silt, brown (15, 50, 35)	
					refusal	4.75'
5						
6						
7						
8						
9						
10						

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ERM

5788 Widewaters Parkway, Dewitt, New York 13214

Boring Number MW-7-A-1

BORING LOG

Project Name & Location	Project Number	Date & Time Started: 10/25/06 1215
Lockport Phase II	56607	Date & Time Completed: 10/27/06 1225
Drilling Company: ~~Test~~ Environmental Nothnagle	Foreman: Steve Loranti	Sampler(s) / Sampler Hammer / Drop
Drilling Equipment: CME 55	Method	Elevation & Datum / Completion Depth / Rock Depth: 8'
Bit Size(s): Varies See below	Core Barrel(s)	Geologist(s): Jeremy Wolf

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	LOCATION:				SURFACE DESCRIPTION: Asphalt	
0	1	1.0		29	↓	Dry 4 1/4" HSA 4" steel casing
1	1	↓	0.8	14	light olive gray 5Y 6/2 med/coarse	
	1			5	grained sand w/ 15% fine	
	1	↓	0.6	4	angular gravel (sp)	
2	2	1.0		2	Brown 7.5YR 5/3 silty clay	
	2	↓	0.2	3	w/ 10% fine rounded gravel (cl)	Damp/wet
3	2			4		perched water
	2	↓	0.1	5		@ ~ 2' bgs
4	3	1.2		6	Brown 7.5YR 5/3 Reddish Brn 5YR 5/3	Dry
	3	↓	0.5	6	silt w/ slight plasticity (ml)	
5	3			10		
	3	↓	0.4	15		
6	4	1.0		9	As above (ml)	
	4	↓	0.3	10		
7	4			100/2		
1245 8	4	↓	0.1		Refusal @ 8' bgs	↓ ↓
	NA	NA	NA	NA	Begin 5 7/8" roller bit to install	
9	↓	↓	↓	↓	rock socket	Install 4" steel casing
						0-10' bgs
1345 10	↓	↓	↓	↓	End rock socket @ 10' BGS	

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Sample ID: MW-7-A-1 (4-6') Time: 1246 Analysis: RCRA 8+Cr6, VOC, SVOC

Sample ID: MW-7A-1 (6-8') Time: 1255 Analysis: RCRA 8+Cr6, VOC, SVOC

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5788 Widewaters Parkway, Dewitt, New York 13214

BORING LOG

Boring Number MW-7-A-1

DEPTH (ft below grade)	SAMPLES: Sample Number	SAMPLES: Recovery (feet)	SAMPLES: FID/PID (ppm)	SAMPLES: Blow Counts	SOIL DESCRIPTION	REMARKS
10/27/06 10	NA	NA	NA	NA	Initiate air rotary drilling	Dry
11						
12						
13						
14						
15					End of Boring @ 15' BGS	
16						
17						
18						
19						
20						

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ERM

5788 Widewaters Parkway, Dewitt, New York 13214

Boring Number 7-A-4

BORING LOG

Project Name & Location: Lockport Phase II	Project Number: 56607	Date & Time Started: 16 Oct 06	1040
		Date & Time Completed: 16 Oct 06	1115
Drilling Company: Trec Environmental	Foreman	Sampler(s): T. Marsh	Sampler Hammer / Drop
Drilling Equipment: Geoprobe	Method: direct push	Elevation & Datum / Completion Depth / Rock Depth	
Bit Size(s): 2"	Core Barrel(s): 3"	Geologist(s): T. Marsh	

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	LOCATION:			NA	SURFACE DESCRIPTION: Pavement 3" covering concrete 7"	
0	1					
	1	2.7			.4 Gray Sandy gravel 1" semi-rounded Gravel	Dry (GM)
1	1				40% gravel	
	1		3.5		2.3' reddish-brown Sandy clay with	(CL)
2	1				rounded gravel and angular gravel	Damp
	1				15% gravel 10% fine grain sand	stiff
3	1		~~3.3~~ M			
	1		~~3.3~~ 7/9		reddish brown	
4		4.0	3.3		0.6 Angular gravel sand - fine and coarse	wet (GM)
					3.4' reddish brown Sandy clay	Firm (CL)
5					20% gravel 1/8" to 2"	
						Sample 7-A-4(0.2)
6			9.3			Time 1130
						RCRA MET VOC SVOC PANS
7						Sample 7-A-4(6-8)
						Time 1135
						RCRA MET VOC SVOC PANS
8						wet
				8.2	EOB refusal same as above	
9						
10						Refusal 8.2'

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ERM

5788 Widewaters Parkway, Dewitt, New York 13214

Boring Number 7-A-5

BORING LOG

Project Name & Location: Lockport Phase II	Project Number: 56607	Date & Time Started: 16 Oct 06 1150	
		Date & Time Completed: 16 Oct 06 1222	
Drilling Company: Trec Environmental	Foreman	Sampler(s): TLM	Sampler Hammer — Drop —
Drilling Equipment: Geoprobe	Method: direct push	Elevation & Datum	Completion Depth — Rock Depth —
Bit Size(s): 2"	Core Barrel(s): 3"	Geologist(s): T. Marsh	

DEPTH (ft below grade)	SAMPLES Sample Number	Recovery (feet)	FID/PID (ppm) TLM	PID Blow Counts	SOIL DESCRIPTION	REMARKS
	LOCATION:		Background N/A		SURFACE DESCRIPTION: Pavement 4"	
0	1	3.5'			1.1 ft. medium gray sandy	dry
1	1				gravel fill sub angular	
	1				gravel 50% + (FILL)	
	1			301	1.5 ft Sandy-clay with small <.5"	firm-dry
2	1				sub angular gravel. Reddish brown	
	1				with subhorizonal light gray	
3	1				layers. Gravel 20%	(CL)
	1	↓		285	0.9' reddish-brown Sandy clay less gravel <10%	
4	2	4.0'			rounded < .25" gravel	(CL) damp
	2				0.3' reddish-brown Sandy clay rounded	damp
5	2				< 0.25 rounded gravel <10%	(CL)
	2			1310	3.6' reddish brown Sandy clay with	Dry-firm
6	2				10-15% rounded gray	(CL)
	2				gravel decreases w/ depth	Petroleum like oder
7	2				0.1' brown coarse sand - no gravel	damp-loose
	—	↓		142		(SP) Petroleum like oder
8		1.0'			0.9' brown coarse sand - large	Petroleum like-oder
		↓		78	gravel in end of bucket EOB 8.9'	(SP)
9					1" sub-rounded gravel	
10						

Page 1 of 1 Signature: T. Marsh Date: 16 Oct 06

Sample 7-A-5(02) Time 1240 RCRA8 + VOC's SVOC PAHS

" 7-A-5(4-6) Time 1245 " " " " " TCL/TAL/PCB

ERM

1159 Pittsford-Victor Road, Pittsford, New York 14534

Boring Number: MW-7-A-5

BORING LOG

Project Name & Location	Project Number	Date & Time Started: 10/25/06 0820
Delphi Phase II	0056607	Date & Time Completed: 10/27/06 1030
Drilling Company	**Foreman**	**Sampler(s) / Sampler Hammer / Drop**
Nothnagle	Steve Lorenti	
Drilling Equipment	**Method**	**Elevation & Datum / Completion Depth / Rock Depth**
CME 85	See notes	
Bit Size(s)	**Core Barrel(s)**	**Geologist(s)**
See notes		Jeremy Wolf

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
10/25/06	LOCATION:				SURFACE DESCRIPTION:	
0					asphalt	
	N/A	N/A	N/A	N/A	Blind Drill w/ 4 1/4 HSA	4" Steel casing
1						
2						
3						
4						
5						
6						
7						
8						
9					↓ Bedrock @ ~ 8.8' bgs	
					Begin 5 7/8" roller bit.	
10					↓ for rock socket	

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1159 Pittsford-Victor Road, Pittsford, New York 14534

BORING LOG

Boring Number: MW-7-A-5

DEPTH (ft below grade)	SAMPLES: Sample Number	SAMPLES: Recovery (feet)	SAMPLES: FID/PID (ppm)	SAMPLES: Blow Counts	SOIL DESCRIPTION	REMARKS
10/25/06 10	NA	NA	NA	NA	↓	4" steel ↓
10/27/06 11					End 5 7/8" roller bit @ 11' bgs	11' bgs.
12					Initiate air rotary @ 11' bgs 10/27/06	Dry powdery cuttings
13						
14						
15						
16						
17						
18						
19						
20						

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ERM

5788 Widewaters Parkway, Dewitt, New York 13214

Boring Number MW-7-A-6

ERM

BORING LOG

Project Name & Location: Lockport Phase II	Project Number: 56607	Date & Time Started: 10/30/06 1120	
		Date & Time Completed: 10/30/06 1155	
Drilling Company: ~~Trace Environmental~~ Nathaniel Drilling	Foreman: Steve Lourti	Sampler(s)	Sampler Hammer / Drop
Drilling Equipment: CME 85	Method: Various see notes	Elevation & Datum	Completion Depth / Rock Depth
Bit Size(s): See notes below	Core Barrel(s)	Geologist(s): Jeremy Wolf	

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	LOCATION:				SURFACE DESCRIPTION:	
0					Asphalt	
	NA	NA	NA	NA	Initiate Blind Drill w/ 4 1/4" HSA	Dry
1						
2						
3						
4						
5						
6						
7						Some water observed on augers cuttings above rock
8					Bedrock @ 7.7' BGS	
					Initiate blind drill with air	
9					rotary methods into bedrock	
					@ 7.7' BGS	
10						

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ERM

5788 Widewaters Parkway, Dewitt, New York 13214

BORING LOG

Boring Number MW-7-A-6

DEPTH (ft below grade)	SAMPLES: Sample Number	SAMPLES: Recovery (feet)	SAMPLES: FID/PID (ppm)	SAMPLES: Blow Counts	SOIL DESCRIPTION	REMARKS
10	NA	NA	NA	NA	Continue air rotary blind drill	Water in rock @ 10' bgs
11						
12						
13						
14						
15					End of boring @ 15' BGS	
16						
17						
18						
19						
20						

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ERM

5788 Widewaters Parkway, Dewitt, New York 13214

Boring Number 7-A-6

BORING LOG

Project Name & Location: Lockport Phase II	Project Number: 56607	Date & Time Started: 16 Oct 06 1527	
		Date & Time Completed: 16 Oct 06 1545	
Drilling Company: Trec Environmental	Foreman	Sampler(s): TM	Sampler Hammer / Drop
Drilling Equipment: Geoprobe Truck mounted	Method: direct push	Elevation & Datum	Completion Depth: 7.6 / Rock Depth
Bit Size(s): 2"	Core Barrel(s): 3"	Geologist(s): T-Marsh	

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	LOCATION:			NR	SURFACE DESCRIPTION: Asphalt 4"	
0		3.2			0.9' Grey and black stained soil and	
1					Gravel more gravel to bottom	Stain, Petroleum odor
					of interval >50%	(GC)
2			20.4		1.5' Sandy gravel- fine and coarse sand w/ silt	
					>40% <50% gravel 3/4"+ Reddish Brown	(GM)
3					gravel is angular and sub-round,	
					0.2' Brown coarse sand	Slight odor (SC)
4			49.6		0.6' Sandy clay with large 1.5" gravel - sub rounded,	(GC)
		3.6			0.6 Large dark gray cobbles fill whole sample tube	(GM)
5					2.4 Reddish-brown platy sandy clay with 15% or less	(CG)
					sub-rounded gravel Slight	Odor dry
6			130.0		no mottling or discolors	
					0.6 Brown sandy clay less gravel than	
7					above <10%. No odor	wet
8			905		7.6'	
9						
10						

Page 1 of 1 Signature: T. M. Marsh Date: 16 Oct 06

Sample 7-A-6 (4-6) VOCs SVOCs PAHs RCRA mets Time 1405

Sample 7-A-6 (6-8) VOCs SVOCs PAHs RCRA mets Time 1410

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5788 Widewaters Parkway, Dewitt, New York 13214

Boring Number 7-A-7

ERM

BORING LOG

Project Name & Location: Lockport Phase II	Project Number: 56607	Date & Time Started: 16 Oct 06 1619	
Drilling Company: Trec Environmental	Foreman	Date & Time Completed: 16 Oct 06 1640	
Drilling Equipment: Geoprobe truck mounted	Method: direct Push	Sampler(s): TM / Sampler Hammer / Drop	
Bit Size(s): 2"	Core Barrel(s): 3'	Elevation & Datum / Completion Depth: 9.1 / Rock Depth	
		Geologist(s): T. Marsh	

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	LOCATION:			NA	SURFACE DESCRIPTION: grass	
0		4.0			0.3 Black to dark brown Topsoil	(OM)
1					0.2 dark gray to dark brown silty clay with 1/4" gravel	(GC)
					3.5 Sandy clay - platy - Reddish brown <10% small gravel	
2			5.5		numerous pale yellow clay intervals ~ every 0.2 feet	
					0.05' thick	dry (SC)
3						
4		↓	4.5			
		4.0			1.7' Same as last interval reddish brown platy gravel	
5					with pale yellow clay intervals	dry (SC)
					2.3 Reddish brown sandy clay with	damp
6			105		<15% small (1/4") graded sub-rounded	(GC)
					plastic consistency becoming more stiff	
7					towards bottom	
8		↓	127			
		1.1			0.6 Same as above become	more gravelly (GC)
9		↓	43.4		0.5 large 3/4"-1.0" gravel in sandy clay matrix >50% gravel	
					EOB 9.1	wet
10						

Page 1 of 1 Signature: T. Marsh Date: 16 Oct 06

Sample Id 7-A-7 (4-6) Time 1650 Voc's SVOC's RCRA metal CN

Sample Id 7-A-7 (6-8) Time 1655 Voc's SVOC's RCRA metals CN

ERM

5788 Widewaters Parkway, Dewitt, New York 13214

Boring Number 7-A-8

BORING LOG

Project Name & Location: Lockport Phase II	Project Number: 56607	Date & Time Started: 16Oct06 1311	
		Date & Time Completed: 16Oct06	
Drilling Company: Trec Environmental	Foreman	Sampler(s): T.M	Sampler Hammer / Drop
Drilling Equipment: Geoprobe truckmount	Method: direct push	Elevation & Datum	Completion Depth: 5.7' / Rock Depth
Bit Size(s): 2"	Core Barrel(s)	Geologist(s): T. Marsh	

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	LOCATION:				SURFACE DESCRIPTION: Grass	
0	1	4.0'		N/A	0.5 Topsoil Dark brown to black	(OM)
1	1				0.8 Dark brown to medium brown	(CL)
	1				Clayey-Silty with < 5% sm gravel	dry
	1		75.2		0.9 reddish brown clay - no gravel	stiff (CL)
2	1				1.8 clayey silt Lite brown with	
	1				horizontal white-whitish gray layers	(CL)
3	1				<10% gravel sub angular	dry
	1	↓	11.8			
4		1.7	2.0		Reddish-brown clayey silt gravel % increases	(GC)
					w/ depth from <10% to 25% sub angular	dry
5					gravel. Concrete dust covers last 0.1' no concrete in T.P.	
					5.7 EOB (possible concrete)	refusal
6						
7						
8						
9						
10						

Page 1 of 1 Signature: Todd Marsh Date: 16 Oct 06

Sample 7-A-8 (0-2) Time 1340 VOC, SVOC: PAH's RCRA Met

Sample 7-A-8 (2-4) Time 1345 " " " " "

ERM

5788 Widewaters Parkway, Dewitt, New York 13214

TCM

Boring Number 7-A-9

BORING LOG

Project Name & Location	Project Number	Date & Time Started: 16Oct06 1403
Lockport Phase II	56607	Date & Time Completed: 16Oct06
Drilling Company	**Foreman**	**Sampler(s)** / **Sampler Hammer** / **Drop**
Trec Environmental		T.M
Drilling Equipment	**Method**	**Elevation & Datum** / **Completion Depth** / **Rock Depth**
Geoprobe truck mount	Direct push	10.3
Bit Size(s)	**Core Barrel(s)**	**Geologist(s)**
2"	3"	T. Marsh

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	LOCATION:				SURFACE DESCRIPTION: Grass	
0	1	4.0'		NR	0.4' Top soil Dark gray to black	
1	1				0.7' Dark Brown silty clay, no gravel	
	1				2.1' Reddish-brown silty clay small gravel < 1/4" < 10%	
	1		9.9		platy texture	firm - dry
2	1				0.8' Reddish-brown silty clay small gravel	firm - dry
	1				lost platy texture. Slightly darker	
3	1				than above.	
	1	↓	21.9			
4		4.0			0.4 as above	Strong petroleum odor
					2.3' Sandy clay reddish brown with	through-out
5					whitish gray mottles - no gravel	damp
			190.0		1.3' medium brown sandy clay < 10% small < 1/4" gravel	
6					sub rounded - 2 lenses of coarse dark gray sand	
					at 0.3 and 0.8 from top interval.	
7					plastic consistancy	
		↓	287.0			
8		2.3			0.8 Same as above	petroleum oder
					1.3 reddish brown sandy clay 15% gravel	firm
9					with Dolomite pieces w 1.25" diameter	
					at bottom.	
			433	↓		EOB 10.3
10						

10.3

Page 1 of 1 Signature: T. Marsh Date: 16 Oct 06

Sample ~~7-A- (6-8) Time 1520 VOCs SVOCs PAHs RCRA Metals CR~~ Cancelled

Sample 7-A- (8-10) Time 1515 only VOC's; " " "

ERM

5788 Widewaters Parkway, Dewitt, New York 13214

Boring Number MW-7-C-2

BORING LOG

Project Name & Location: Lockport Phase II	Project Number: 56607	Date & Time Started: 10/20/06 0810	
		Date & Time Completed: 10/27/06 1340	
Drilling Company: Trec Environmental	Foreman: Steve Lorenti	Sampler(s)	Sampler Hammer / Drop
Drilling Equipment: CME 85	Method: Various See notes	Elevation & Datum	Completion Depth / Rock Depth
Bit Size(s)	Core Barrel(s)	Geologist(s): Jenny Wolf	

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	LOCATION:				SURFACE DESCRIPTION: Asphalt / crushed stone	
0	NA	NA	NA	NA		Dry 4" steel casing
1					Blind Drill with 4¼" HSA	0-15' BGS
2						
3						
4						
5						
6						
7						
8						
9						
10						

Signature: Jenny Wolf Date: 10/26/06

ERM

1159 Pittsford-Victor Road, Pittsford, New York 14534

BORING LOG

Boring Number: MW-7-C-2

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
10	NA	NA	NA	NA	Blind Drill w/ 4 1/4" HSA	4" steel casing
11						
12						
13					Refusal @ 12.7' bgs with 4 1/4" Augers	
					Begin Rock Socket with 5 7/8" rollerbit	
14						
10/26/06 1057						
15					End Rock socket @ 15' bgs with 5 7/8" rollerbit	
10/27/06 1310	NA	NA	NA	NA	Initiate air rotary drilling @ 15' bgs	
					10/27/06	
16						
17						
18						
19						Water @ 19' bgs
20						

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1159 Pittsford-Victor Road, Pittsford, New York 14534

BORING LOG

Boring Number: MW-7-C-2

DEPTH (ft below grade)	SAMPLES: Sample Number	SAMPLES: Recovery (feet)	SAMPLES: FID/PID (ppm)	SAMPLES: Blow Counts	SOIL DESCRIPTION	REMARKS
20	NA	NA	NA	NA	air rotary blind drill	wet
21						
22						
23						
24					End of boring @ 24' bgs	
25						
26						
27						
28						
29						
30						

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Signature: Jeff Wolf

Date: 10/27/06

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5788 Widewaters Parkway, Dewitt, New York 13214

Boring Number 7-C-2

BORING LOG

Project Name & Location: Lockport Phase II	Project Number: 56607	Date & Time Started: 17Oct06 1320	
		Date & Time Completed: 17Oct06 1345	
Drilling Company: Trec Environmental	Foreman: Tim	Sampler(s): T.M	Sampler Hammer: Drop:
Drilling Equipment: Geoprobe truck mounted	Method: direct Push	Elevation & Datum:	Completion Depth: Rock Depth:
Bit Size(s): 2"	Core Barrel(s): 3"	Geologist(s): T. Marsh	

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	LOCATION:			N/A	SURFACE DESCRIPTION:	
0		3.7'			0.5' Slag Black	(GC)
1					0.8 small coal chips	(GC)
					1.2 mix - coal chips and reddish brown	(SC)
2			19.2		Sandy - clay coal chips < ¼" diamd	
					some glass	
3					1.2 reddish-brown sandy clay with coal chips - large 1"+ glass	plastic (GC)
					some larger coal 1"+ diameter.	
4			0.4			
		2.2			2.2 reddish-brown clay with	(GC)
5					black staining through-out	Petrolm odor
					heavy impacted. Gravel < ¼	~10%
6						
7						
8			0.8			
		4.0			1.0' Sticky Black tar-like substance mixed with angular gravel. Product	3/4-1" diamd specks (coal tar?) (GC)
9			0.0		0.9 Sandy-clay gravel 20% 3/4" sub-rounded gravel	(GC)
					0.5 glass slag	
10						

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ERM

5788 Widewaters Parkway, Dewitt, New York 13214

Boring Number 7-C-2

BORING LOG

Project Name & Location	Project Number	Date & Time Started:	
Lockport Phase II	56607	17 Oct 06	1320
		Date & Time Completed: 17 Oct 06	1345
Drilling Company	**Foreman**	**Sampler(s)**	**Sampler Hammer** / **Drop**
Trec Environmental		T-M	
Drilling Equipment	**Method**	**Elevation & Datum**	**Completion Depth** / **Rock Depth**
Geo probe truck mounted	direct push		12.00
Bit Size(s)	**Core Barrel(s)**	**Geologist(s)**	
2"	3"	T. Murphy	

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	LOCATION:			RL	SURFACE DESCRIPTION:	
10		2.0			Reddish-brown sandy clay - gravel	10% 1/2"-3/4" dia rocks
11					water coming up out of pipes	(bc)
						Saturated zone
12		↓	1.2			
					EOB in Saturated zone	
13					Sample 7-C-2 (0-2) Time 1415	2 jars
					RCRA-8 CR-6 SVOC SO4 FE	CN
14					Sample 7-C-2 (9-10) Time 1420	2 jars
15					RCRA-8 CR-6 SVOC SO4 FE	CN VOC
16						
17						
18						
19						
20						

Page 2 of 2 Signature: T. Murphy Date: 17 Oct 06

ERM

5788 Widewaters Parkway, Dewitt, New York 13214

Boring Number 7-M-1

BORING LOG

Project Name & Location: Lockport Phase II	Project Number: 56607	Date & Time Started: 17Oct 2006 1130	
		Date & Time Completed: 17Oct2006 1157	
Drilling Company: Trec Environmental	Foreman: Jim	Sampler(s): T. Marsh	Sampler Hammer / Drop
Drilling Equipment: Geo probe truckmounted	Method: direct push	Elevation & Datum	Completion Depth: 7.0 / Rock Depth
Bit Size(s)	Core Barrel(s)	Geologist(s): T. Marsh	

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	LOCATION:			NA	SURFACE DESCRIPTION: Asphalt ~3" 4" concrete	
0		3.2			0.4 Dark Gray to black angular gravel with	
1					Sand matrix	(GC)
					2.9' Reddish brown Sandy clay - platy texture	
2			0.0		with 10-15% sm < ½" grave sub-rounded	firm - dry
					pale yellow mottles Tan through - out	(GM)
3					interval	
4		↓	0.0			
		2.6			0.4' as above	(GM)
5					0.3' gray coarse sand sharp contacts	(SP)
					0.95' Reddish brown Sandy clay - loose and damp	(GC)
6					small ¼" gravel sub-rounded	
					0.3 Tan silty sand - loose - angular gravel - ¼" chips	(GC)
7		↓	0.7	↓	EOB 7.0'	
			refusal		0.6' Reddish brown gravelly clay large	
8					gravel 1" and up sub-rounded	wet
9						
10						

Page 1 of 1 Signature: T. Marsh Date: 17Oct 2006

Sample 7-M-1 (2-4) Time 1215 VOC SVOC RAHS RCRA MET PCB

Sample 7-M-1 (5-7) Time 1220 VOC SVOC PAH RCRA Met PCB

ERM

5788 Widewaters Parkway, Dewitt, New York 13214

Boring Number 7-M-2

BORING LOG

Project Name & Location	Project Number	Date & Time Started: 17 Oct 06 1022
Lockport Phase II	56607	Date & Time Completed: 17 Oct 06 1049
Drilling Company	**Foreman**	**Sampler(s)** / **Sampler Hammer** / **Drop**
Trec Environmental		T.M
Drilling Equipment	**Method**	**Elevation & Datum** / **Completion Depth** / **Rock Depth**
Geoprobe truck mounted	direct push	7.8'
Bit Size(s)	**Core Barrel(s)**	**Geologist(s)**
2"	3"	T. Marsh

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	LOCATION:			NR	SURFACE DESCRIPTION: Concrete loading dock 8" concrete	
0		3.2			Dark gray to black stained sand with	
1					angular 1/2" to 3/4" gravel	fill (GC)
					possible asphalt in fill	
2			0.0			
3						
4		2.4			1.7 Same as above with asphalt pieces	(GC)
5					0.7 reddish brown sandy clay 3/4" to 1"	damp (GC)
6					angular gravel. Plastic consistency.	
7			0.0			
8					7.8' EOB Bedrock? Dolomite in end of cutter	
9						
10						

Page 1 of 1 Signature: T. Marsh Date: 17 Oct 06

Sample 7-M-2 (0-2) Time 1105 VOCs SVOCs RCRAmets PAH PCB

Sample 7-M-2 (6-7.8) Time 1110 VOCs SVOCs RCRAmets PAH PCB

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5788 Widewaters Parkway, Dewitt, New York 13214

Boring Number 7-M-4

BORING LOG

Project Name & Location: Lockport Phase II	Project Number: 56607	Date & Time Started: 17Oct06 0910	
		Date & Time Completed: 17Oct06 0939	
Drilling Company: Trec Environmental	Foreman	Sampler(s)	Sampler Hammer / Drop
Drilling Equipment: Geo probe truck mount	Method: direct push	Elevation & Datum	Completion Depth: 8.40 / Rock Depth
Bit Size(s): 2"	Core Barrel(s): 3"	Geologist(s): T. Marsh	

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	LOCATION:			NA	SURFACE DESCRIPTION: Concrete 3"	
0		2.5			0.6' loose reddish-brown gravel	fill (GC)
1			TR		0.95' Sandy clay dark brown stained slight odor	
					no gravel	(CL)
					1.2' reddish brown sandy clay some	
2			3.3		gray mottling towards	upper section.
						very plastic (CL)
3						
4		2.3			1.4' reddish brown sandy clay	
					gravel content increases with	(GC)
5					depth to 15% gravel at end	
			4.5		of interval.	
6					0.4' light gray to white Dolomite	
					mostly 1/2" to 3/4 size chips	
7					0.9' sandy gravel 10% 1/4" size sub-rounded gravel (GC)	
						firm
8		0.4	6.0		EOB 8.4 Dolomite in end of cutter	
9						
10						

Page ____ of ____ Signature: Todd Marsh Date: 17Oct06

Sample 7-M-4 (4-6) Time 1000 RCRA met CR VOC SVOC PAH PCB

Sample 7-M-4 (6-8.4) Time 1005 RCRA met CR VOC SVOC PAH PCB

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1159 Pittsford-Victor Road, Pittsford, New York 14534

Boring Number MW-7-P-1

BORING LOG

Project Name & Location	Project Number	Date & Time Started: 11/6/06 1220		
Delphi Phase II	0056607	Date & Time Completed: 11/6/06 1620		
Drilling Company	Foreman	Sampler(s)	Sampler Hammer	Drop
Nothnagle	Steve DiNuova			
Drilling Equipment	Method	Elevation & Datum	Completion Depth	Rock Depth
Bit Size(s)	Core Barrel(s)	Geologist(s) Jeremy Wolf		

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	LOCATION:				SURFACE DESCRIPTION: concrete slab 8"	
1220 0	NA	NA	NA	NA	concrete slab 8" thick	
1	NA					
	NA				No Sample collected	No Sample
	NA	↓	↓	↓		
2	1	1.2		12	light grayish BRN 10YR 6/2 6/3	Dry
3	1		1.2	7	dense silt w/slight plasticity	↓
	1			4	(ml)	
4	1	↓	1.1	9		
	2	1.2			Brown 10YR 5/3 silty clay	
5	2		1.0		w/slight plasticity	
	2				medium stiff (cl)	
6	2	↓	1.1			↓
	3	1.8		9		Damp
7	3		0.8	12	As above w/trace fine	↓
	3			20	gravel (cl)	
8	3	↓	1.1	26		↓
1315	NA	NA	NA	NA	Weathered rock @ 8' bgs	
9					End 4 1/4 HSA in weathered rock	No ground water
					@ 9' bgs. Initiate 3 7/8"	
10	↓	↓	↓	↓	roller bit with water.	↓

Page 1 of 2 Signature: Jeremy Wolf Date: 11/6/06

Sample ID: MW-7-P-1 (2-4')
Time: 1320
Analysis: TCL, TAL 1, 6, PCB

Sample ID: MW-7-P-1 (6-8')
Time: 1330
Analysis: RCRA 8 1, 6, VOC

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1159 Pittsford-Victor Road, Pittsford, New York 14534

BORING LOG

Boring Number MW-7-P-1

DEPTH (ft below grade)	SAMPLES: Sample Number	SAMPLES: Recovery (feet)	SAMPLES: FID/PID (ppm)	SAMPLES: Blow Counts	SOIL DESCRIPTION	REMARKS
10	NA	NA	NA	NA	Blind drill with 3 7/8" roller bit	Dry, no (JW) drilling water gained or lost during drilling
11						
12						
13						
14						
15						
16						
17						
18						
19						
20					End boring @ 20' bgs	

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ERM

5788 Widewaters Parkway, Dewitt, New York 13214

Boring Number 7-C-3

BORING LOG

Project Name & Location	Project Number	Date & Time Started: 25 OCT 2006 0845
Lockport Phase II	56607	Date & Time Completed: 25 OCT 2006
Drilling Company	**Foreman**	**Sampler(s)** / **Sampler Hammer** / **Drop**
Trec Environmental	Jim Agar	Ron Taylor — —
Drilling Equipment	**Method**	**Elevation & Datum** / **Completion Depth** / **Rock Depth**
GeoProbe 54600	Direct Push	— — —
Bit Size(s)	**Core Barrel(s)**	**Geologist(s)**
2"	3"	Ron Taylor

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	LOCATION: 7-C-3				SURFACE DESCRIPTION: Gravel parking Area.	
0	1	4.5'	2.2		* 0 to ~1.5 bgs: Dark Reddish Brown. Fine	
1	1		↓		to medium sub-rounded sand/silt/clay. Some	
	1		↓		sub-angular gravels (~25%). DRY-Moist	
2	1		3.0		*~1.5 to ~3.0 bgs: Dark Grey to Dark	*Sample 7-C-3(2-4)
	1		↓		Reddish Brown. Fine to medium sub-rounded	@0950 for BTEX/Gro/Smple method,
3	1		↓		sand/silt/clay. Some sub-angular gravel	SVOC, GOx, LN
	1		↓		(~35%). Dry - moist.	* Top 4" Looks reworked
4	1		↓		*~3.0 to ~4.0 bgs: Dark Black to Dark	Has odor ~ ~3.0 bgs
	2	4.0'	↓		Reddish Brown. Fine to medium	
5	2		↓		sub-rounded sand/silt/clay. Wood	
	2		↓		fragment at ~3.0 bgs. Fine tight	
6	2		0.5		clays from ~3.5 to ~4.0.	
	2		0.6			
7	2		↓		*~4.0 to ~4.25 bgs: Dark Brown.	
	2		↓		Fine-grained clay. Wood fragments	
8	2	3.3'	↓		Dry-moist.	
	3		4.2		*~4.25 to ~8.0 bgs: Dark Reddish	
9	3		↓		Brown. Fine-grained clay. Tight.	
	3		↓		Sand lenses at ~5.0 to ~5.2 bgs.	
10	3		0.5		~6.0 to ~6.25 bgs. Dry - moist	

Signature: _____ Date: 25 OCT 2006

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5788 Widewaters Parkway, Dewitt, New York 13214

BORING LOG

Boring Number 7-C-3

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
10	3	3.3			#- 8.0 to ~11.3 bgs: Dark Brown	*Sample 7-C-3 (8-11)
	3				to Dark Reddish Brown, Fine-grained	@ ~~0945~~ 1415 for TCL/TAL
11	3		1.3		Clay. Wood fragment layer @ -9.0 to	+Cyn/PCBs, from 17 OCT 2000
					-9.5 bgs. Mixed with Fine to medium	
12					Sub-rounded Sand/Silt. Moist.	* Hit Refusal @ ~11.3 bgs
13						
14						
15						
16						
17						
18						
19						
20						

Page 2 of 2 Signature: [signature] Date: 25 OCT 2000

rev. 10/99

ERM

5788 Widewaters Parkway, Dewitt, New York 13214

Boring Number 7-M-5

ERM

BORING LOG

Project Name & Location: Lockport Phase II	Project Number: 56607	Date & Time Started: 19Oct05 0922	
Drilling Company: Trec Environmental	Foreman	Sampler(s): TM	Sampler Hammer / Drop
Drilling Equipment: Geoprobe 54LT mob.4	Method: Direct Push	Elevation & Datum	Completion Depth: 7.0 ft / Rock Depth
Bit Size(s): 2"	Core Barrel(s): 3"	Geologist(s): T. Marsh	

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	LOCATION:			N/A	SURFACE DESCRIPTION: Concrete 2.5"	
0		2.6			1.5' Dark brown clayey silt	
1					with wood (round limb? branch) pieces	
					< 5% sand	
					0.4 clay - dark brown < 2% sand	
2			9.3		very plastic	
					0.7 Reddish brown sandy clay	
3					< 5% gravel < 1/4" diameter	
					rounded gravel,	
4		2.65			0.4 as above	
					0.5 Reddish brown sandy clay < 5% gravel < 1/8" diam	
5					with light gray horizontal layers of sand.	
					0.5 Reddish brown sandy clay - no gravel No horizontal layers	
6					1.25 Reddish brown sandy clay with 15% gravel - large	
			6.8		1"+ angular limestone	
7					EOB -- Bedrock is cuttings dolomitic? limestone	
8						
9						
10						

Page 1 of 1 Signature: T. Marsh Date: 18-Oct-06

Samples 7-M-5 (0-2.6) TCL/TAL/PCB/Pesticides/VOC Time 1145 3

7-M-5 (4-7) VOCs RCRA8 CR6 SVOC PAH PCB 1150 4

ERM

5788 Widewaters Parkway, Dewitt, New York 13214

Boring Number GS-A

BORING LOG

Project Name & Location: Delphi Phase II Lockport NY	Project Number:	Date & Time Started: 10/12/06 1140 Date & Time Completed: 10/12/06 1200	
Drilling Company: Tree	Foreman:	Sampler(s):	Sampler Hammer: Drop:
Drilling Equipment: Geoprobe pickup truck	Method:	Elevation & Datum:	Completion Depth: Rock Depth:
Bit Size(s):	Core Barrel(s):	Geologist(s): Jeremy Wolf	

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	LOCATION:				SURFACE DESCRIPTION: asphalt ~ 4"	
140 — 0	1	3.0		NA	10YR 7/1 light gray fine/med grained	Dry
1	1		54.8		Sand W/ 25% angular fine	
	1				& coarse gravel fragments (SP)	
	1		60.2			
2	1					
	1		31.0			
3	1					
	1	↓	29.9		↓	
4	2	4.0				DAMP (slightly)
	2		36.3			
5	2				↓	
	2		35.5		Brown 7.5YR 4/4 medium	
6	2				stiff silty clay (CL)	
	2		24.3			
7	2					
	2	↓	25.1			DAMP (slightly)
8	3	2.0				
	3		20.5			
9	3				↓	
	3	↓	22.0	↓	Refusal @ 10.2' bgs	
10 — 200						

Page 1 of 1 Signature: Jeremy Wolf Date: 10/12/06

Sample ID: GS-A (0-2')
Time: 1429

Sample ID: GS-A (4-6')
Time: 1440

Duplicate collected @ GS-A (4-6')
TD: 0.minute 101206

PCB 10/99

ERM

5788 Widewaters Parkway, Dewitt, New York 13214

Boring Number GS-B

BORING LOG

Project Name & Location: Delphi Phase II Lockport NY	Project Number:	Date & Time Started: 10/12/06 1020	
		Date & Time Completed: 10/12/06 1040	
Drilling Company: Tec	Foreman:	Sampler(s):	Sampler Hammer: / Drop:
Drilling Equipment: Geoprobe Pickup truck	Method:	Elevation & Datum:	Completion Depth: / Rock Depth:
Bit Size(s):	Core Barrel(s):	Geologist(s): Jenny Wolf	

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	LOCATION.				SURFACE DESCRIPTION:	
1020 0					Asphalt ~ 6"	
	1	2.8		NA		Dry
1	1		10.7		light brownish gray 10YR6/2	
	1				silty fine/med grained sand	
	1		11.5		w/ 15% fine subangular	
2	1				gravel (sm)	
	1		13.8			
3	1				Brown 10YR5/3 / Reddish Brn 5YR5/3	
	1	↓	13.6		Silty clay (cl) w/ 5% gravel	Damp
4	2	1.0			stiff	↓
	2	↓	14.3			
1040 5					Refusal @ 5.1' 6/5	
6						
7						
8						
9						
10						

Page 1 of 1 Signature: Jenny Wolf Date: 10/12/06

Sample ID: GS-B (2-4')
Time: 1450

Sample ID: GS-B (4-5.1')
Time: 1500

rev 10/99

ERM

5788 Widewaters Parkway, Dewitt, New York 13214

Boring Number GS-C

BORING LOG

Project Name & Location: Delphi Phase II	Project Number	Date & Time Started: 10/12/06 1210 Date & Time Completed: 10/12/06 1300	
Drilling Company: Tree	Foreman	Sampler(s)	Sampler Hammer / Drop
Drilling Equipment: Geoprobe Truck Mounted	Method	Elevation & Datum	Completion Depth / Rock Depth
Bit Size(s)	Core Barrel(s)	Geologist(s): Jeremy Wolf	

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	LOCATION:				SURFACE DESCRIPTION:	
210 — 0	1	4.0		NA	Dark grayish Brown 10YR 4/2	
1	1		1.1		gravelly sand 40% fine	Dry
	1				sub angular gravel (SP)	
	1		1.5			
2	1				Brown 7.5 YR 4/4 very	
	1		2.9		stiff silty clay (CL)	
3	1					
	1		2.8			
4	2	2.0			Brown 7.5 YR 5/4 medium	Wet @ 4'
	2		0.9		stiff silty clay w/ trace	
5	2				fine rounded gravel (CL)	
	2		0.5			
1300 — 6					Weathered rock	
					Refusal @ 6.3' BGS	
7						
8						
9						
10						

Page 1 of 1 Signature: Jeremy Wolf Date: 10/12/06

Sample ID: GS-C (0-2')
Time: 1510

Sample ID: GS-C (2-4')
Time: 1520

SVOC EF rev 10/95

ERM

5788 Widewaters Parkway, Dewitt, New York 13214

Boring Number: I5-112-A

BORING LOG

0 - 10'

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
0					Asphalt @ Surface	
	1	3.5		NA	Grayish BRN 10YR 5/2 silty fine/med	Dry
1	1		12.1		grained sand w/ 15% fine angular	
	1				gravel (SP)	
	1		15.4			
2	1				Yellowish Brn ~~Brownish yellow~~ 10YR 5/6 Silty clay (CL)	
	1		10.1		w/ trace fine Subround gravel	
3	1					
	1		12.2			
4	2	3.0			Brown 10YR 5/3 / Reddish Brn 5YR 5/3	
	2		41.1		silty clay w/ fingers of	
5	2				yellowish Brn fine sand (CL)	wet @ 5' bgs. Strong
	2		40.7			petroleum odor noted.
6	2					Sheen visible on soils.
	2		15.5		weathered rock	
7					Refusal @ 6.8' bgs	
8						
9						
10						

Page 1 of 1 Signature: [signature] Date: 10/11/06

Sample ID: I5-112-A (4-6') *Note collected blind laboratory duplicate @ I5-112-A (4-6')
Time: 1250
Analysis: TCL/TAL/PCB
TD: 0 elevation 10/11/06 Time: 1700

Sample ID: I5-112-A (6-6.8')
Time: 1300
Analysis: VOC, SVOC

rev 10/99

ERM

5788 Widewaters Parkway, Dewitt, New York 13214

Boring Number
15-112-B

BORING LOG

0 - 10'

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
10	1	6"	NR	NA	Asphalt w/ concrete below	
	1	↓	↓	↓		
11					refusal @ 9" on what appears	
					to be a large cobble	
12						
13						
14						
15						
16						
17						
18						
19						
20						

Page 1 of 1 Signature: Jay Wolf Date: 10/11/06

ERM

5788 Widewaters Parkway, Dewitt, New York 13214

ERM

BORING LOG

Boring Number: 15-112-BR (redrill)

Project Name & Location: Delphi Phase II Lockport NY	Project Number:	Date & Time Started: 10/12/06 0810 Date & Time Completed: 10/12/06 0835	
Drilling Company: Tree	Foreman:	Sampler(s):	Sampler Hammer: / Drop:
Drilling Equipment: Geoprobe, Pickup Truck	Method:	Elevation & Datum:	Completion Depth: / Rock Depth:
Bit Size(s):	Core Barrel(s):	Geologist(s): Jeremy Wolf	

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	LOCATION:				SURFACE DESCRIPTION: Asphalt	
0	1	2.0		NA	Reddish Brown 5YR 5/3 silty fine sand	Dry
1	1		23.7		with clay, clayey sand (SC)	
	1				10% fine Rounded gravel	
	1		24.9			
2	1					
	1		23.3			Wet @ ~3' bgs
3	1					
	1	↓	24.2		↓	
4	2	1.0			As above (SC)	
	2		28.9			
5	2					
	2		29.3			
6	2				↓	Strong petroleum odor
0835 7	2	↓	2105	↓	gravelly ~25% (SC)	Black stained soils, sheen
					Refusal @ 6.8' bgs	
8						
					✓	
9						
10						

Page 1 of 1 Signature: Jeremy Wolf Date: 10/12/06

Sample ID: 15-112-BR(4-6')
Time: 0905

Sample ID: 15-112-BR (6-6.8')
Time: 0910

rev. 10/99

CONTRACTOR	Earth Dimensions, Inc	BORING LOCATION	See Location Plan
DRILLER	S Gingrich	GROUND SURFACE ELEVATION	611.9 DATUM NGVD
START DATE	8/31/1995 END DATE 9/1/1995	GZA GEOENVIRONMENTAL REPRESENTATIVE	G. Klawinski

WATER LEVEL DATA				
DATE	TIME	WATER	CASING	NOTES
8/31/1995	4.15	6.5	7.5	

TYPE OF DRILL RIG	Diedrich D-50
CASING SIZE AND DIAMETER	6-1/4" HSA
OVERBURDEN SAMPLING METHOD	2"OD X 24" Split Spoon Sampler
ROCK DRILLING METHOD	HQ Size Rock Core

DEPTH	SAMPLE BLOWS (/6")	NO	DEPTH (FT)	N-VALUE /RQD %	RECOVERY (%)	SAMPLE DESCRIPTION	EQUIPMENT DESCRIPTION	OVM (ppm)
	4					Loose, Gray, F/C SAND and		
1	4	S-1	0 - 2	8	30	GRAVEL, Damp (Fill).	Concrete surface seal to 2.0 ft.	ND
	4							
2	4							
	3	S-2	2 - 4	5	30		4 " Steel Casing to 7 feet	ND
3	3							
	2							
4	3							
	5	S-3	4 - 6	6	30		Cement and bent. grout from 2 to 7 feet	12
5	4					.. grades to wet		
	2							
6	1						Bentonite Pellets	
	6	S-4	6 - 8	NA	5		from 5.0 to 9.0 ft.	150
7	2					Split spoon and auger refusal @ 7.0'		
	100'/0					BEDROCK	2 inch PVC flush	
8		C-1	7 - 11.9	57	100	LOCKPORT DOLOMITE FORMATION	coupled riser pipe to 11.3 feet.	
						Gray, hard,very slight to		
9						moderate weathering, fine		
						grained horizontal and low angle		
10						fractures		
							Morie Sand #N00	
11							from 9 to 26.3 feet	
12							Nominal 3.75" diameter	
		C-2	11.9 - 17	88	100		rock hole 7 to 26.3 feet.	
13								
14								
15								
16							2 inch PVC Screen	
							SCH 40, 10 slot,	
17							from 11.3 to 26.3 feet.	
		C-3	17 - 22.2	96	100			
18								
19								
20								

DEPTH	SAMPLE BLOWS (/6")	SAMPLE NO.	SAMPLE DEPTH (FT)	SAMPLE N-VALUE /RQD %	SAMPLE RECOVERY (%)	SAMPLE DESCRIPTION	EQUIPMENT DESCRIPTION					OVM (ppm)
21												
22		C-4	22.2 - 26.3	96	100							
23												
24												
25												
26												
27						Bottom of Boring 26.3 Feet						
28												
29												
30												
31												
32												
33												
34												
35												
36												
37												
38												
39												
40												
41												
42												

S - Split Spoon Sample
C - Rock Core Sample

NOTES: 1) HNu PI - 101organic vapor meter used to screen soil samples.
Meter was calibrated to the equivalent of 54 ppm benzene in air.

General Notes:
1) Stratification lines represent approximate boundary between soil types, transitions may be gradual.
2) Water level readings have been made at times and under conditions stated. fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.

GZA GEOENVIRONMENTAL OF NEW YORK

Delphi Harrison Thermal Systems
Focused Remedial Investigation
West Lockport Complex
Lockport, NY

BORING No. MW-2
SHEET 1 OF 2
FILE No. 55039.2
CHECKED BY SHB

CONTRACTOR	Earth Dimensions, Inc.	BORING LOCATION	See Location Plan
DRILLER	S. Gingrich	GROUND SURFACE ELEVATION	613.1 DATUM NGVD
START DATE	8/31/1995 END DATE 9/4/1995	GZA GEOENVIRONMENTAL REPRESENTATIVE	G. Klawinski

WATER LEVEL DATA				
DATE	TIME	WATER	CASING	NOTES
8/31/1995	1:30	Dry	8.9	
8/31/1995	1:45	Dry	8.9	

TYPE OF DRILL RIG	Diedrich D-50
CASING SIZE AND DIAMETER	6-1/4" HSA
OVERBURDEN SAMPLING METHOD	2"OD X 24" Split Spoon Sampler
ROCK DRILLING METHOD	HQ Size Rock Core

DEPTH	SAMPLE BLOWS (/6")	NO.	DEPTH (FT)	N-VALUE /RQD %	RECOVERY (%)	SAMPLE DESCRIPTION	EQUIPMENT DESCRIPTION	OVM (ppm)
	5					Very stiff, brown, SILT & CLAY,		
1	10	S-1	0 - 2	20	75	little f/c Sand, damp.	Concrete surface seal to 2.0 ft.	ND
	10							
2	8							
	6	S-2	2 - 4	14	50	...grades to stiff	4" Steel Casing to 8.9 feet	ND
3	7							
	7							
4	8						Cement and bent. grout	
	2	S-3	4 - 6	6	80	...grades to medium	from 2 to 8.9 feet.	ND
5	3							
	3					Medium stiff, brown Clayey SILT,		
6	4					some f/c Sand, moist.		
	1	S-4	6 - 8	16	100			ND
7	3					...grades to very stiff, moist to wet		
	13						2 inch PVC flush	
8	16						coupled riser pipe	
	49	S-5	8 - 8.9	NA	70	Weathered bedrock and f/c SAND	to 15.0 feet.	ND
9	50/0 4					Auger refusal at 8.9 feet		
10		C-1	8.9 - 13.9	54	100	BEDROCK	Bentonite Pellets	
						LOCKPORT DOLOMITE FORMATION	from 7.0 to 11.0 ft.	
11						Gray, hard,very slight to		
						moderate weathering, fine		
12						grained horizontal and low angle	Nominal 3.75" diameter	
						fractures.	rock hole 8.9 to 26.3	
13							feet.	
							Morie Sand #N00	
14							from 11 to 30 feet	
		C-2	13.9 - 19.2	92	100			
15								
16							2 inch PVC Screen	
							SCH. 40, 10 slot,	
17							from 15.0 to 30.0 feet.	
18								
19								
		C-3	19.2 - 25.1	92	100			
20								

DEPTH	SAMPLE BLOWS (/6")	SAMPLE NO.	SAMPLE DEPTH (FT)	SAMPLE N-VALUE /RQD %	SAMPLE RECOVERY (%)	SAMPLE DESCRIPTION	EQUIPMENT DESCRIPTION		OVM (ppm)
21									
22									
23									
24									
25									
		C-4	25.1 - 30.0	100	100				
26									
27									
28									
29									
30									
						Bottom of Boring 30.0 Feet			
31									
32									
33									
34									
35									
36									
37									
38									
39									
40									
41									

S - Split Spoon Sample
C - Rock Core Sample

NOTES: 1) HNu PI - 101organic vapor meter used to screen soil samples.
Meter was calibrated to the equivalent of 54 ppm benzene in air.

General Notes:
1) Stratification lines represent approximate boundary between soil types, transitions may be gradual.
2) Water level readings have been made at times and under conditions stated, fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.

GZA GEOENVIRONMENTAL OF NEW YORK

Delphi Harrison Thermal Systems
Focused Remedial Investigation
West Lockport Complex
Lockport, NY

BORING No MW-3S
SHEET 1 OF 2
FILE No 55039.2
CHECKED BY SHB

CONTRACTOR	Earth Dimensions, Inc	BORING LOCATION	See Location Plan
DRILLER	S. Gingrich	GROUND SURFACE ELEVATION	611.9 DATUM NGVD
START DATE	8/31/1995 END DATE 9/4/1995	GZA GEOENVIRONMENTAL REPRESENTATIVE	G. Klawinski

WATER LEVEL DATA				
DATE	TIME	WATER	CASING	NOTES
8/31/1995	11:50	Dry	8.9	
8/31/1995	1:45	Dry	8.9	

TYPE OF DRILL RIG	Diedrich D-50
CASING SIZE AND DIAMETER	6-1/4" HSA
OVERBURDEN SAMPLING METHOD	2"OD X 24" Split Spoon Sampler
ROCK DRILLING METHOD	HQ Size Rock Core

DEPTH	SAMPLE BLOWS (/6")	NO.	DEPTH (FT)	N-VALUE /RQD %	RECOVERY (%)	SAMPLE DESCRIPTION	EQUIPMENT DESCRIPTION	OVM
	7					Hard, brown, SILT & CLAY,		
1	16	S-1	0 - 2	39	75	little f/c Sand, damp.	Concrete surface seal to 2.0 ft	ND
	23							
2	26							
	5	S-2	2 - 4	19	75	..grades to Stiff, CLAY & SILT		ND
3	10						4" steel casing to 8.9 feet	
	9							
4	11						Cement and bent. grout	
	22	S-3	4 - 4.6	NA	100	...rock fragments in split spoon	from 2 to 8.9 feet.	ND
5	50/0.1							
6								
	5	S-4	6 - 8	35	65	Hard, brown Clayey SILT,		40
7	17					some f/c Sand, moist		
	18						2 inch PVC flush	
8	26						coupled riser pipe	
	20	S-5	8 - 8.8	NA	20	.. grades with intermixed rock frags.	to 12.7 feet	50
9	100/0.3					Auger refusal at 8.9 feet		
10		C-1	8.8 - 13.8	88	92	BEDROCK	Bentonite Pellets	
						LOCKPORT DOLOMITE FORMATION	from 6.5 to 10.5 ft.	
11						Gray, hard,very slight to		
						moderate weathering, fine		
12						grained horizontal and low angle	Nominal 3.75" diameter	
						fractures	rock hole to 27.7 feet	
13								
							Morie Sand #N00	
14							from 10.5 to 27.7 feet	
		C-2	13.8 - 19.0	100	100			
15								
16							2 inch PVC Screen	
							SCH 40, 10 slot,	
17							from 12.7 to 27.7 feet.	
18								
19								
		C-3	19.0 - 22.5	100	100			
20								

DEPTH	SAMPLE BLOWS (/6")	SAMPLE NO.	SAMPLE DEPTH (FT)	SAMPLE N-VALUE /RQD %	SAMPLE RECOVERY (%)	SAMPLE DESCRIPTION	EQUIPMENT DESCRIPTION			OVM
21										
22										
23		C-4	22.5 - 27.7	100	100					
24										
25										
26										
27										
28						Bottom of Boring 27.7 feet				
29										
30										
31										
32										
33										
34										
35										
36										
37										
38										
39										
40										

S - Split Spoon Sample
C - Rock Core Sample

NOTES: 1) HNu PI - 101organic vapor meter used to screen soil samples.
Meter was calibrated to the equivalent of 54 ppm benzene in air.

General Notes:
1) Stratification lines represent approximate boundary between soil types, transitions may be gradual.
2) Water level readings have been made at times and under conditions stated, fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.

CONTRACTOR	Earth Dimensions, Inc	BORING LOCATION	See Location Plan
DRILLER	S. Gingrich	GROUND SURFACE ELEVATION	612.0 DATUM NGVD
START DATE	12/18/1995 END DATE 1/3/1996	GZA GEOENVIRONMENTAL REPRESENTATIVE	B. Klettke/G. Klawinski

WATER LEVEL DATA				
DATE	TIME	WATER	CASING	NOTES
8/31/1995	11:50	Dry	8.9	
8/31/1995	1:45	Dry	8.9	

TYPE OF DRILL RIG	Mobile B-81
CASING SIZE AND DIAMETER	8-1/4" HSA
OVERBURDEN SAMPLING METHOD	2"OD X 24" Split Spoon Sampler
ROCK DRILLING METHOD	NQ Size Rock Core (29' to 38') HQ Size Rock Core (38' to 70.3')

DEPTH	SAMPLE BLOWS (/6")	NO	DEPTH (FT)	N-VALUE /RQD %	RECOVERY (%)	SAMPLE DESCRIPTION	EQUIPMENT DESCRIPTION	OVM
						Augered 0' - 4' without sampling.	6" diam. Steel casing (3' above ground to 2' below ground)	
1								
							Concrete surface seal to 2.0 ft	
2								
3							Nominal 12" diam. hole to 9.1'	
4								
	3	S-1	4 - 6	12	80	Stiff, brown Clayey SILT, little		
5	3					fine to coarse Sand, moist to wet	6" diam. PVC casing Sch. 80 2.0' to 14.5'	
	9							
6	12						Cement and bent. grout from 2 to 14.5 feet	
	8	S-2	6 - 8	25	65			
7	7							
	18						2 inch PVC, Sch. 40 coupled riser pipe 2.6' above ground to 59.8' below ground	
8	26							
	6	S-3	8 - 9.1	63/0.8'	70			
9	34					Auger refusal at 9.1 feet		
	29							
10						Drilled from 9.1' to 14.5' with a 7-7/8" diameter roller bit. (No samples collected)		
11								
							Nominal 7-7/8" diameter hole from 9.1' to 14.5'	
12								
13								
14								
15						Drilled from 14.5' to 28' with a 5-7/8" diameter roller bit. (No samples collected)		
16							Nominal 5-7/8" diameter hole from 14.5' to 38.0'	
17								
							4" diam. PVC casing Sch. 80 to 38.0'	
18								
19							Cement/bentonite grout seal around 4" diam casing to 38.0'	
20								

DEPTH	SAMPLE					SAMPLE DESCRIPTION	EQUIPMENT DESCRIPTION	OVM
	BLOWS (/6")	NO	DEPTH (FT)	N-VALUE /RQD %	RECOVERY (%)			
21								
22								
23								
24						No loss of water observed during drilling from 9.1' to 28'		
25								
26								
27								
28								
		C-1	28.0 - 38.0	98	100	Lockport Dolomite Formation Gray, hard, very slight to moderate weathering, fine grained horizontal and low angle fractures		
29								
30								
31						No water loss observed during coring from 28' to 38'		
32								
33								
34								
35								
36								
37								
38								
		C-2	38.0 - 41.4	100	100	No water loss observed during coring from 38' to 70.3'		
39								
40								
41								
42		C-3	41.1 - 46.3	98	100			
43								
44								
45								
46								
		C-4	46.3 - 51.5	90	100			
47								
48								
49								

Cement/bentonite grout seal around 2" diam PVC well riser to 47.0'

Nominal 3-3/4" diameter hole from 38.0' to 70.3'

Bentonite Pellet Seal

DEPTH	SAMPLE					SAMPLE DESCRIPTION	EQUIPMENT DESCRIPTION		OVM (ppm)
	BLOWS (/6")	NO	DEPTH (FT)	N-VALUE /RQD %	RECOVERY (%)				
50								47.0' to 57.0'	
51									
52		C-5	51.5 - 56.5	98	99	Transition zone from the Lockport Formation to the Rochester Shale Formation		Nominal 3-3/4" diameter hole from 38.0' to 70.3'	
53									
54									
55									
56									
57		C-6	56.5 - 61.4	94	98				
58									
59									
60								Sandpack (Sidney size No 1240) 57.0' to 70.3'	
61									
62		C-7	61.4 - 66.6	96	96	Rochester Shale Formation			
63									
64								2" PVC Screen Sch 40 No. 10 Slot from 59.8' to 69.8'	
65									
66									
67		C-8	66.6 - 70.3	92	100				
68									
69									
70									
71						Bottom of Boring @ 70.3'			

S - Split Spoon Sample
C - Rock Core Sample

NOTES: 1) HNu PI - 101organic vapor meter used to screen soil samples.
Meter was calibrated to the equivalent of 54 ppm benzene in air.

General Notes:
1) Stratification lines represent approximate boundary between soil types, transitions may be gradual.
2) Water level readings have been made at times and under conditions stated, fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.

CONTRACTOR	Earth Dimensions, Inc	BORING LOCATION	See Location Plan
DRILLER	S Gingrich	GROUND SURFACE ELEVATION	610.8 DATUM NGVD
START DATE	4/5/1996 END DATE 4/8/1996	GZA GEOENVIRONMENTAL REPRESENTATIVE	T Seider

WATER LEVEL DATA				
DATE	TIME	WATER	CASING	NOTES
4/5/1996	12:10	Dry	11 5	60 min. stab
4/5/1996	15:25	Dry	11 5	
4/8/1996	8:30	7 0	11 5	

TYPE OF DRILL RIG	Mobile B-61
CASING SIZE AND DIAMETER	6-1/4" HSA
OVERBURDEN SAMPLING METHOD	2" O.D x 24" Split Spoon Sampler
ROCK DRILLING METHOD	HQ Size Rock Core

DEPTH	SAMPLE BLOWS (/6")	NO.	DEPTH (FT)	N-VALUE /RQD %	RECOVERY (%)	SAMPLE DESCRIPTION	WELL INSTALLATION DIAGRAM	WELL INSTALLATION DESCRIPTION	OVM (ppm)
	15	S-1	0 - 2	12	50	ASPHALT CONCRETE		Top of Riser Elev.= 613.07'	ND
1	8					GRAVEL Subbase			
	4					Stiff, dark brown to black, SILT &		Concrete surface seal	
2	6					CLAY, little fine to medium Sand,		to 2.0 ft.	
	4	S-2	2 - 4	14	15	moist		4 " Steel Casing to	ND
3	4					.Grades reddish brown		11 6 feet	
	10							Cement/bentonite grout	
4	14							from 2 to 11.6 feet	
	4	S-3	4 - 6	14	60	Stiff, reddish brown, CLAY &			ND
5	6					SILT, trace fine to medium Sand,		10" nominal diameter	
	8					moist		borehole to 11.6'.	
6	11								
	5	S-4	6 - 8	14	45				ND
7	6								
	8							2 inch PVC flush	
8	9							coupled riser pipe	
	3	S-5T	8 - 10	11	60			to 17.5 feet	2
9	4					Stiff, dark brown to black, Clayey			
	7					SILT, trace Sand, trace Organics,			
10	9	S-5B				moist (9 5'-10.0')		Bentonite Pellets	3
	3	S-6	10 - 11.6	41	30	Hard, dark brown and tan CLAY &		from 9.2 to 13.6 ft.	30
11	13					SILT, Rock fragments @ 11.5'			
	28								
12	50/0.1'	C-1	11.6 - 17.0	83	100	Auger refusal @ 11.6'			
13						BEDROCK			
						LOCKPORT DOLOMITE FORMATION			
14						Gray, hard, slight to moderate			
						weathering, fine-grained, horizont-			
15						al and low angle fractures			
16								Sidley Sand #1240	
								from 13.6 to 32.5 feet	
17									
		C-2	17.0 - 22.2	98	98				
18								Nominal 3.75" diameter	
								rock hole 11 5 to 32.5	
19								feet.	

GZA GEOENVIRONMENTAL OF NEW YORK

Delphi Harrison Thermal Systems
Focused Remedial Investigation
West Lockport Complex
Lockport, NY

BORING No. MW-4
SHEET 2 OF 2
FILE No 55039.2
CHECKED BY SHB

DEPTH	SAMPLE					SAMPLE DESCRIPTION	WELL INSTALLATION DIAGRAM	WELL INSTALLATION DESCRIPTION	OVM (ppm)
	BLOWS (/6")	NO	DEPTH (FT)	N-VALUE /RQD %	RECOVERY (%)				
20								2 inch PVC Screen SCH. 40, 10 slot, from 17.5 to 32.5 feet.	
21									
22									
		C-3	22.2 - 27.4	100	100				
23									
24									
25									
26									
27									
		C-4	27.4 - 32.5	96	100				
28									
29									
30									
31									
32									
33						Bottom of Boring 32.5 Feet			
34									
35									
36									
37									
38									
39									
40									

S - Split Spoon Sample
C - Rock Core Sample

NOTES: 1) HNu PI - 101 organic vapor meter used to screen soil samples. Meter was calibrated to the equivalent of 57 ppm benzene in air.
2) Collected 4 oz. analytical sample of soil from 10.0'-11.5'.

General Notes:
1) Stratification lines represent approximate boundary between soil types; transitions may be gradual.
2) Water level readings have been made at times and under conditions stated; fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.

CONTRACTOR	Earth Dimensions, Inc.	BORING LOCATION	See Location Plan
DRILLER	S Gingrich	GROUND SURFACE ELEVATION	607.0 DATUM NGVD
START DATE	4/5/1996 END DATE 4/8/1996	GZA GEOENVIRONMENTAL REPRESENTATIVE	T Seiger

WATER LEVEL DATA				
DATE	TIME	WATER	CASING	NOTES
4/5/1996	12:50	Dry	6.2	20 min. stab
4/8/1996	8.30	3.0	6.2	

TYPE OF DRILL RIG	Mobile B-61
CASING SIZE AND DIAMETER	6-1/4" HSA
OVERBURDEN SAMPLING METHOD	2" O.D x 24" Split Spoon Sampler
ROCK DRILLING METHOD	HQ Size Rock Core

DEPTH	SAMPLE BLOWS (/6")	NO	DEPTH (FT)	N-VALUE /RQD %	RECOVERY (%)	SAMPLE DESCRIPTION	WELL INSTALLATION DIAGRAM	WELL INSTALLATION DESCRIPTION	OVM (ppm)
	1	S-1	0 - 2	8	60	Stiff, brown, SILT & CLAY, little		Top of Riser Elev.=	ND
1	4					fine to medium Sand, trace Organ-		609 05'	
	4					ics, moist		Concrete surface seal	
2	8							to 2.0 ft	
	7	S-2	2 - 4	14	65	Stiff, reddish-brown, CLAY &		4 " Steel Casing to	ND
3	6					SILT, trace fine to coarse Sand,		6.2 feet	
	8					trace fine Gravel, moist		Cement/bentonite grout	
4	7							from 2 to 6.2 feet	
	2	S-3	4 - 6	7	90	. .Grades medium stiff, moist to		Nominal 10" diameter	ND
5	3					wet		borehole to 6.2'	
	4								
6	7					Dark brown to black Clayey SILT,		Bentonite Pellets	
	50/0.3'	S-4	6 - 6.3		90	little Organics, moist (6.0'-6.2')		from 3.5 to 8.4 ft.	ND
7		C-1	6.2 - 11.3	84	98	Reddish-brown CLAY & SILT,			
						moist to wet (6.2'-6.3')		2 inch PVC flush	
8						Auger refusal @ 6.2'		coupled riser pipe	
								to 11.6 feet	
9						BEDROCK			
						LOCKPORT DOLOMITE FORMATION			
10						Gray, hard, slight to moderate			
						weathering, fine-grained, horizont-		Sidley Sand #1240	
11						al and low angle fractures		from 8.4 to 26.6 feet	
		C-2	11.3 - 16.4	100	100				
12								Nominal 3.75" diameter	
								rock hole 6.5 to 26.6	
13								feet.	
14									
15									
16								2 inch PVC Screen	
		C-3	16.4 - 21.5	96	100			SCH. 40, 10 slot,	
17								from 11.6 to 26.6 feet	
18									
19									

GZA GEOENVIRONMENTAL OF NEW YORK

Delphi Harrison Thermal Systems
Focused Remedial Investigation
West Lockport Complex
Lockport, NY

BORING No MW-5
SHEET 2 OF 2
FILE No 55039.2
CHECKED BY SHB

DEPTH	SAMPLE					SAMPLE DESCRIPTION	WELL INSTALLATION DIAGRAM	WELL INSTALLATION DESCRIPTION	OVM (ppm)
	BLOWS (/6")	NO	DEPTH (FT)	N-VALUE /RQD %	RECOVERY (%)				
20									
21									
22		C-4	21.5 - 26.6	98	100				
23									
24									
25									
26									
27						Bottom of Boring 26.6 Feet			
28									
29									
30									
31									
32									
33									
34									
35									
36									
37									
38									
39									
40									

S - Split Spoon Sample
C - Rock Core Sample

NOTES: 1) HNu PI - 101 organic vapor meter used to screen soil samples.
Meter was calibrated to the equivalent of 57 ppm benzene in air.

General Notes:
1) Stratification lines represent approximate boundary between soil types; transitions may be gradual.
2) Water level readings have been made at times and under conditions stated; fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.

GZA GEOENVIRONMENTAL OF NEW YORK

Delphi Harrison Thermal Systems
Focused Remedial Investigation
West Lockport Complex
Lockport, NY

BORING No MW-6
SHEET 1 OF 1
FILE No. 55039.2
CHECKED BY SHB

CONTRACTOR	Earth Dimensions, Inc	BORING LOCATION	See Location Plan
DRILLER	S. Gingrich	GROUND SURFACE ELEVATION	609.1 DATUM NGVD
START DATE	4/9/1996 END DATE 4/12/1996	GZA GEOENVIRONMENTAL REPRESENTATIVE	B. Klettke

WATER LEVEL DATA

DATE	TIME	WATER	CASING	NOTES
4/9/1996	10:50	Dry	5.3	
4/9/1996	11:32	Dry	5.3	
4/12/1996	11:30	7.4	Open hole to 13.9'	

TYPE OF DRILL RIG	Mobile B-61
CASING SIZE AND DIAMETER	6-1/4" HSA
OVERBURDEN SAMPLING METHOD	2" O.D. x 24" Split Spoon Sampler
ROCK DRILLING METHOD	HQ Size Rock Core

DEPTH	SAMPLE BLOWS (/6")	NO	DEPTH (FT)	N-VALUE /RQD %	RECOVERY (%)	SAMPLE DESCRIPTION	WELL INSTALLATION DIAGRAM	WELL INSTALLATION DESCRIPTION	OVM (ppm)
1	3	S-1	0 - 2	14	75	Dark brown TOPSOIL (0.0'-0.5')		Top of Riser Elev.= 611.21'	0
	7					Stiff, brown, CLAY & SILT, trace			
2	7					fine to coarse Sand, moist		Concrete surface seal to 2.0 ft	
	6								
3	5	S-2	2 - 4	9	80			4 " Steel Casing to 5.3 feet	0
	4					..Grades wet @ 3.0'			
4	5							Cement/bentonite grout from 2 to 5.3 feet	
	54								
5	30	S-3	4 - 4.7	100/0.2'	90	Fractured rock fragments from 4.5' to 4.7'		10" Nominal diameter borehole to 5.3'	
	100/0.2'								
6		C-1	5.3 - 10.3	60	100	Auger refusal @ 5.3'		Bentonite Pellets from 4.0 to 7.0 ft.	
						Clay seam from 5.9' to 6.0'			
7						BEDROCK			
						LOCKPORT DOLOMITE FORMATION		2 inch PVC flush coupled riser pipe to 8.9 feet.	
8						Gray, hard,very slight to			
						moderate weathering, fine			
9						grained, horizontal and low angle			
						fractures.		Sidley Sand #1240 from 7 to 13.9 feet	
10									
		C-2	10.3 - 13.9	95	96			Nominal 3.75" diameter rock hole 5.3 to 13.9 feet	
11									
12									
13								2 inch PVC Screen SCH. 40, 10 slot, from 8.9 to 13.9 feet.	
14									
						Bottom of Boring @ 13.9'			
15									
16									

S - Split Spoon Sample
C - Rock Core Sample

NOTES: 1) HNu PI - 101 organic vapor meter used to screen soil samples. Meter was calibrated to the equivalent of 57 ppm benzene in air.
2) Collected 4 oz. analytical sample of soil from 3.8'-4.5'.

General Notes:
1) Stratification lines represent approximate boundary between soil types; transitions may be gradual.
2) Water level readings have been made at times and under conditions stated; fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.

GZA GEOENVIRONMENTAL OF NEW YORK

Delphi Harrison Thermal Systems
Focused Remedial Investigation
West Lockport Complex
Lockport, NY

BORING No. MW-7
SHEET 1 OF 2
FILE No. 55039.2
CHECKED BY SHB

CONTRACTOR	Earth Dimensions, Inc.	BORING LOCATION	See Location Plan
DRILLER	S Gingrich	GROUND SURFACE ELEVATION	612.3 DATUM NGVD
START DATE	4/6/1996 END DATE 4/15/1996	GZA GEOENVIRONMENTAL REPRESENTATIVE	B Klettke

WATER LEVEL DATA				
DATE	TIME	WATER	CASING	NOTES
4/9/1996	13:40	6.9	7 0	15 min. stab.

TYPE OF DRILL RIG	Mobile B-61
CASING SIZE AND DIAMETER	8-1/4" HSA
OVERBURDEN SAMPLING METHOD	None
ROCK DRILLING METHOD	HQ Size Rock Core

DEPTH	SAMPLE BLOWS (/6")	NO.	DEPTH (FT)	N-VALUE /RQD %	RECOVERY (%)	SAMPLE DESCRIPTION	WELL INSTALLATION DIAGRAM	WELL INSTALLATION DESCRIPTION	OVM (ppm)
1						Driller augered to auger refusal at 7.0' without sampling		Top of Riser Elev.= 613.86'	
2								Concrete surface seal to 2.0 ft.	
3								6 " Steel Casing to 7 feet.	
4								Cement/bentonite grout from 2 to 9 feet.	60
5								10" Nominal diameter borehole to 7.0'	
6								Bentonite Pellets from 5.0 to 9.9 ft.	
7						Auger refusal @ 7.0'			
8		C-1	7.0 - 9 0	20	40	BEDROCK LOCKPORT DOLOMITE FORMATION Gray, hard,very slight to slight weathering, fine grained, horizontal and low angle fractures.		4" Steel Casing to 9 feet.	
9								5-3/4" Nominal diameter borehole 7.0' to 9.0'	
10		C-2	9.0 - 14.0	74	100				
11									
12								2 inch PVC flush coupled riser pipe to 12.2 feet.	
13									
14								Sidley Sand #1240 from 9.9 to 27.2 feet	
15		C-3	14.0 - 19.2	89	94				
16									
17								Nominal 3.75" diameter rock hole 9 to 27.2 feet.	
18									
19								2 inch PVC Screen SCH. 40, 10 slot,	
		C-4	19.2 - 24.1	100	100			from 12.2 to 27.2 feet	

DEPTH	SAMPLE					SAMPLE DESCRIPTION	WELL INSTALLATION DIAGRAM	WELL INSTALLATION DESCRIPTION	OVM (ppm)
	BLOWS (/6")	NO.	DEPTH (FT)	N-VALUE /RQD %	RECOVERY (%)				
20									
21									
22									
23									
24									
25		C-5	24.1 - 27.2	97	100				
26									
27									
28						Bottom of Boring @ 27.2 Feet			
29									
30									
31									
32									
33									
34									
35									
36									
37									
38									
39									
40									

S - Split Spoon Sample
C - Rock Core Sample

NOTES: 1) HNu PI - 101 organic vapor meter used to screen soil samples. Meter was calibrated to the equivalent of 57 ppm benzene in air.
2) OVM reading shown taken on auger spoils.

General Notes: 1) Stratification lines represent approximate boundary between soil types; transitions may be gradual.
2) Water level readings have been made at times and under conditions stated; fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.

GZA GEOENVIRONMENTAL OF NEW YORK

Delphi Harrison Thermal Systems
Focused Remedial Investigation
West Lockport Complex
Lockport, NY

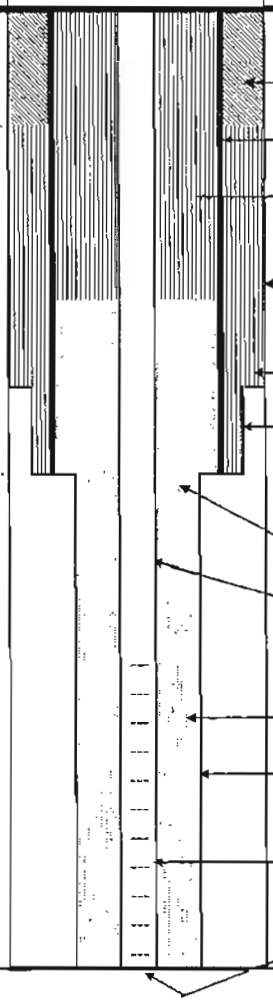
BORING No. MW-8
SHEET 1 OF 1
FILE No 55039.2
CHECKED BY SHB

CONTRACTOR	Earth Dimensions, Inc.	BORING LOCATION	See Location Plan
DRILLER	S Gingrich	GROUND SURFACE ELEVATION	606.6 DATUM NGVD
START DATE	10/15/1996 END DAT 10/17/1996	GZA GEOENVIRONMENTAL REPRESENTATIVE	T Selder

WATER LEVEL DATA				
DATE	TIME	WATER	CASING	NOTES

TYPE OF DRILL RIG	Dedrich D-50
CASING SIZE AND DIAMETER	6-1/4" HSA
OVERBURDEN SAMPLING METHOD	2" O.D. x 24" Split Spoon Sampler
ROCK DRILLING METHOD	HQ Size Rock Core

DEPTH	SAMPLE BLOWS (/6")	NO	DEPTH (FT)	N-VALUE /RQD %	RECOVERY (%)	SAMPLE DESCRIPTION	OVM (ppm)
1	8	S-1	0 - 2	57	50	Grey, Very dense, f-c SAND, some f-c Gravel, little clayey silt, moist, (parking area gravel)	2
	23						
2	34						
	8						
3	5	S-2	2 - 4	13	55	Redish brown, Stiff, SILT & CLAY, some f-c Sand, moist	ND
	6						
4	7						
	7						
5	3	S-3	4 - 6	9	65	Redish brown, Stiff, CLAY & SILT, little f-m Sand, moist to wet	1
	5						
6	4						
	4						
7	3	S-4	6 - 6.8	-	5	same	1
	75/4"						
8						Split Spoon and Auger refusal @ 6.8', Roller bit to 8.1'	
		C-1	8.1 - 13.3	86.5	100		
9							
10							
11							
12						LOCKPORT DOLOMITE FORMATION	
13							
		C-2	13.3 - 16.3	89.0	98.3		
14							
15							
16							
17						Bottom of Boring 16.3 Feet	



WELL INSTALLATION DIAGRAM

WELL INSTALLATION DESCRIPTION

- Top of Riser Elev.=
- Concrete surface seal to 2.0 ft.
- 4 " Steel Casing to 8.1 feet.
- Cement/bentonite grout to 5 feet.
- Nominal 10" diameter borehole to 6.8 feet.
- Cement/bentonite grout, 2 to 8.1 feet.
- Nominal 3-7/8" diameter roller bit hole, 6.8 to 8.1 feet.
- Bentonite Chips, 5 to 10 ft
- 2 inch PVC flush coupled riser pipe to 11.3 feet
- Sidley Sand #1240, 10 to 16.3 feet
- Nominal 3.75" diameter rock hole, 8.1 to 16.3 feet.
- 2 inch PVC Screen SCH. 40, 10 slot, from 11.3 to 16.3 feet.
- PVC end cap at 16.3 ft.

S - Split Spoon Sample
C - Rock Core Sample

NOTES:
1) HNu PI - 101 organic vapor meter used to screen soil samples. Meter was calibrated to the equivalent of 58 ppm benzene in air
2) Approx 40 gallons of core water gradually lost during C-1 starting at approx 10.5 feet Core water changed color from the usual grey to borwn at approx. 10.2 feet for approx. 10 seconds, then turned back to grey
3) Approx 40 gallons of core water gradually lost during C-2.
4) Approx 120 gallons of water pumped from the boring, after drilling to 16.3 feet and prior to installing the well

General Notes:
1) Stratification lines represent approximate boundary between soil types; transitions may be gradual.
2) Water level readings have been made at times and under conditions stated; fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.

GZA GEOENVIRONMENTAL OF NEW YORK

Delphi Harrison Thermal Systems
Focused Remedial Investigation
West Lockport Complex
Lockport, NY

BORING No MW-9
SHEET 1 OF 1
FILE No. 55039.2
CHECKED BY SHB

CONTRACTOR	Earth Dimensions, Inc.	BORING LOCATION	See Location Plan
DRILLER	S Gingrich	GROUND SURFACE ELEVATION	602.7 DATUM NGVD
START DATE	10/14/1996 END DAT 10/16/1996	GZA GEOENVIRONMENTAL REPRESENTATIVE	T Selder

WATER LEVEL DATA				
DATE	TIME	WATER	CASING	NOTES

TYPE OF DRILL RIG	Dedrich D-50
CASING SIZE AND DIAMETER	6-1/4" HSA
OVERBURDEN SAMPLING METHOD	2" O D x 24" Split Spoon Sampler
ROCK DRILLING METHOD	HQ Size Rock Core

DEPTH	SAMPLE BLOWS (/6")	NO	DEPTH (FT)	N-VALUE /RQD %	RECOVERY (%)	SAMPLE DESCRIPTION	WELL INSTALLATION DIAGRAM	WELL INSTALLATION DESCRIPTION	OVM (ppm)
1	29	S-1	0 - 2	10	5	Asphalt Pavement			NT
	6								
2	4							Concrete surface seal to 2.0 ft.	
	5								
3	4	S-2	2 - 4	10	60	Redish brown, Stiff, Clayey Silt,		4 " Steel Casing to 6.3 feet	ND
	3					some f-m Sand, moist to wet			
4	7							Cement/bentonite grout to 4 feet	
	7								
5	4	S-3T	4 - 4 8	---	80	grades and f-c Sand, wet		Nominal 10" diameter borehole to 5.6 feet	ND
	12					grades tan and redish brown with			
6	30/4"	S-3B	4 8 - 5.5			intermixed rock fragments		Cement/bentonite grout, 2 to 6.3 feet	ND
						Split Spoon and Auger refusal @			
7		C-1	6 5 - 11.5	70.4	91.0	5.6', Roller bit to 6.3'		Nominal 3-7/8" diameter roller bit hole, 5.6 to 6.3 feet.	
8						LOCKPORT DOLOMITE FORMATION		Bentonite Chips, 4 to 7.5 ft	
9									
10								2 inch PVC flush coupled riser pipe to 10 feet.	
11								Sidley Sand #1240, 7 5 to 15 feet	
12		C-2	11 5 - 15 0	67.7	97.0			Nominal 3.75" diameter rock hole, 6.5 to 15 feet	
13									
14								2 inch PVC Screen SCH. 40, 10 slot, from 10 to 15 feet	
15								PVC end cap at 15 feet	
16						Bottom of Boring 15.0 Feet			
17									

S - Split Spoon Sample
C - Rock Core Sample

NOTES

1) HNu PI - 101 organic vapor meter used to screen soil samples. Meter was calibrated to the equivalent of 58 ppm benzene in air.
2) Approx 30 gallons of core water gradually lost during C-,1 Brownish core water noted during approx the firs 6 inches of C-1. The core water changed back to the usual grey for the remainder of the core
3) Approx. 15 gallons of core water gradually lost during C-2
4) Sample 1 consisted of asphalt stuck in the split spoon tip.

General Notes:
1) Stratification lines represent approximate boundary between soil types; transitions may be gradual.
2) Water level readings have been made at times and under conditions stated; fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.

GZA GEOENVIRONMENTAL OF NEW YORK

Delphi Harrison Thermal Systems
Focused Remedial Investigation
West Lockport Complex
Lockport, NY

BORING No MW-10
SHEET 1 OF 2
FILE No 55039.2
CHECKED BY SHB

CONTRACTOR	Earth Dimensions, Inc	BORING LOCATION	See Location Plan		
DRILLER	S. Gingrich	GROUND SURFACE ELEVATION	602.3	DATUM	NGVD
START DATE	10/14/1996 END DATE 10/16/1996	GZA GEOENVIRONMENTAL REPRESENTATIVE	T Seider		

WATER LEVEL DATA				
DATE	TIME	WATER	CASING	NOTES

TYPE OF DRILL RIG	Dedrich D-50
CASING SIZE AND DIAMETER	6-1/4" HSA
OVERBURDEN SAMPLING METHOD	2" O.D x 24" Split Spoon Sampler
ROCK DRILLING METHOD	HQ Size Rock Core

DEPTH	SAMPLE BLOWS (/6")	NO.	DEPTH (FT)	N-VALUE /RQD %	RECOVERY (%)	SAMPLE DESCRIPTION	WELL INSTALLATION DIAGRAM	WELL INSTALLATION DESCRIPTION	OVM (ppm)
	2	S-1	0 - 2	6	80	Dark brown, medium, SILT &		Top of Riser Elev.=	3
1	3					CLAY, some f-c Sand, moist, root			
	3					fragments		Concrete surface seal	
2	4							to 2.0 ft	
	4	S-2T	2 - 4	16	90	grades very stiff		4 " Steel Casing to	ND
3	9							9.7 feet	
	7					Redish brown, very stiff, CLAY &			
4	9	S-2B				SILT, little f-c Sand, trace f-c		Cement/bentonite grout	ND
	6	S-3T	4 - 4.9	-	90	Gravel, moist		to 7.5 feet	ND
5	70/5"	S-3B				same			ND
						rock fragments		Nominal 10" diameter	
6						(see note 2)		borehole to 9 3 feet.	
	2	S-4	6 - 8	6	80	Redish brown, medium, CLAY &			ND
7	3					SILT, little f-c Sand, moist to wet.		Cement/bentonite grout,	
	3							2 to 9 3 feet	
8	6								
	8	S-5	8 - 9.2	-	100	grades little f-c Gravel.		Bentonite Chips,	ND
9	11					Split Spoon and Auger refusal @		7.5 to 11.5 ft	
	50/2"					9.3 feet, roller bit to 9.7, set			
10						casing, roller bit to 10.8 feet.		Nominal 3-7/8" diameter	
								roller bit hole, 9.3 to 9.7,	
11		C-1	10 8 - 16.2	37	98 1	BEDROCK		and 9.7 to 10.8 feet.	
						LOCKPORT DOLOMITE FORMATION			
12									
								2 inch PVC flush	
13								coupled riser pipe	
								to 12.5 feet	
14									
								Sidley Sand #1240,	
15								11 5 to 21 3 feet	
16									
		C-2	16.2 - 21.3	63.7	102			Nominal 3.75" diameter	
17								rock hole, 10 8 to 21.3	
								feet.	
18									

DEPTH	SAMPLE					SAMPLE DESCRIPTION	WELL INSTALLATION DIAGRAM	WELL INSTALLATION DESCRIPTION	OVM (ppm)
	BLOWS (/6")	NO	DEPTH (FT)	N-VALUE /RQD %	RECOVERY (%)				
19								2 inch PVC Screen SCH. 40, 10 slot, from 12.5 to 21.3 feet.	
20									
21									
22						Bottom of Boring 21.3 Feet		PVC end cap at 21.3 feet	
23									
24									
25									
26									
27									
28									
29									
30									
31									
32									
33									
34									
35									
36									

S - Split Spoon Sample
C - Rock Core Sample

NOTES:
1) HNu PI - 101 organic vapor meter used to screen soil samples. Meter was calibrated to the equivalent of 57 ppm benzene in air.
2) Split spoon refusal at 4.9 feet, auger to 6 feet through a rock substance, augers grinding from 4.9 to 6 feet.
3) While roller bitting through cement plug in the casing, the driller over drilled to 10.8 feet
4) No water loss noted during C-1.
5) Approx. 30 gallons of core water gradually lost during C-2

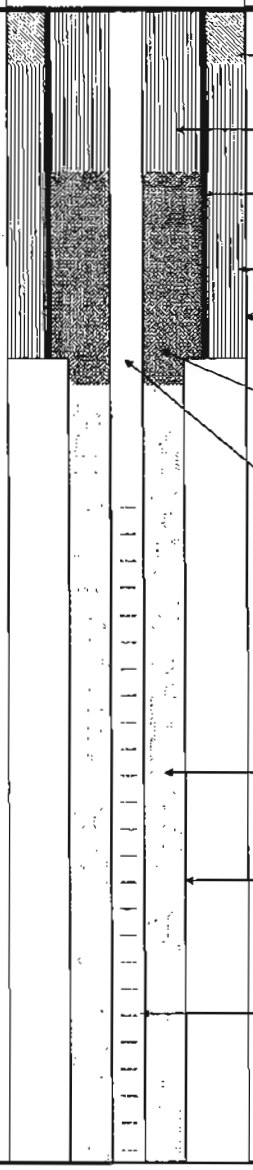
General Notes:
1) Stratification lines represent approximate boundary between soil types; transitions may be gradual.
2) Water level readings have been made at times and under conditions stated; fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.

CONTRACTOR	Earth Dimensions, Inc	BORING LOCATION	See Location Plan		
CRILLER	S Gingrich	GROUND SURFACE ELEVATION	588.7	DATUM	NGVD
START DATE	8/13/1997 END DATE 8/15/1997	GZA GEOENVIRONMENTAL REPRESENTATIVE	T Seider		

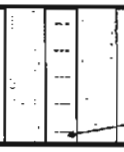
WATER LEVEL DATA				
DATE	TIME	WATER	CASING	NOTES
8/14/1997	3:50	4.8'	none	after C-2
8/15/1997	7:20	5.3'	none	prior to
				drilling

TYPE OF DRILL RIG	Dedrich D-50
CASING SIZE AND DIAMETER	6-1/4" HSA
OVERBURDEN SAMPLING METHOD	2" O.D. x 24" Split Spoon Sampler
ROCK DRILLING METHOD	HQ Size Rock Core

DEPTH	SAMPLE BLOWS (/6")	SAMPLE NO	SAMPLE DEPTH (FT)	N-VALUE /RQD %	RECOVERY (%)	SAMPLE DESCRIPTION
1	2	S-1T	0 - 2	19	85	Dark and light brown, very stiff, SILT & CLAY, little f-m Sand, damp, root fragments. (TOPSOIL)
	7					
	12					
2	28	S-1B				Grayish brown, medium dense f-c SAND, little Clayey Silt, little f-c Gravel, damp.
	16	S-2	2 - 4	40	10	
3	19					grades and clayey Silt.
	21					
4	17					Rock fragments at 4.2 feet.
	50/3"	S-3	4 - 4.3	>100	50	
5						Spoon refusal at 4.2 feet
						Auger refusal at 6.5 feet
6						
7		C-1	6.5 - 10	10	96	BEDROCK
						LOCKPORT DOLOMITE FORMATION
8						
						Gray, hard, very slight to moderate weathering, fine grained, horizontal to low angle fractures.
9						
10						
		C-2	10 - 15.1	59	100	
11						
12						
13						
14						
15						
		C-3	15.1 - 20.1	94	98	
16						
17						
18						
19						
20		C-4	20.1 - 24.1	96	96	
21						



WELL INSTALLATION DIAGRAM	WELL INSTALLATION DESCRIPTION	OVM (ppm)
	Top of Riser Elev.=590.1	ND
	Concrete surface seal to 1.0 ft	
	Cement/bentonite grout	ND
	4" Steel Casing to 6.5 feet.	
		ND
	Cement/bentonite grout from 1 to 6.5 feet	
	Nominal 10" diameter borehole to 6.5 feet	
	Bentonite Pellets 3.0 to 7.0 ft.	
	2 inch PVC flush coupled riser pipe to 7.0 feet	
	Sidley Sand #1240, 7.0 to 24.1 feet	
	Nominal 3-7/8" diameter HQ rock core, 6.5 to 24.1 feet.	
	2 inch PVC Screen SCH. 40, 10 slot, from 9.0 to 24.1 feet.	

DEPTH	SAMPLE					SAMPLE DESCRIPTION	WELL INSTALLATION DIAGRAM	WELL INSTALLATION DESCRIPTION	OVM (ppm)
	BLOWS (/6")	NO	DEPTH (FT)	N-VALUE /RQD %	RECOVERY (%)				
22								PVC end cap at 24.1 feet	
23									
24									
25						Bottom of Boring 24.1 Feet			
26									
27									
28									
29									
30									
31									
32									
33									
34									
35									
36									
37									
38									
39									
40									
41									
42									

S - Split Spoon Sample
C - Rock Core Sample

NOTES:
1) HNu PI - 101 organic vapor meter used to screen soil samples. Meter was calibrated to the equivalent of 57 ppm benzene in air.
2) Split spoon refusal at 4.2 feet, auger to 6.5 feet through a rock substance, augers grinding from 4.2 to 6.5 feet.
3) Approx. 2 gallons of core water lost during C-1, 9 gallons lost during C-2, 3 gallons lost during C-3 and no no water loss during C-4

General Notes:
1) Stratification lines represent approximate boundary between soil types; transitions may be gradual.
2) Water level readings have been made at times and under conditions stated; fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.

GZA GEOENVIRONMENTAL OF NEW YORK

Delphi Harrison Thermal Systems
Focused Remedial Investigation
Lockport, NY

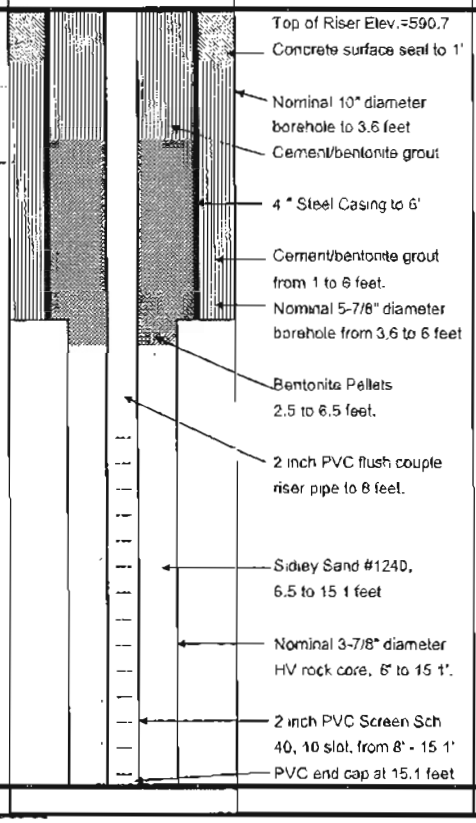
BORING No MW-12
SHEET 1 OF 1
FILE No 55039.2
CHECKED BY GJK

CONTRACTOR	Earth Dimensions, Inc	BORING LOCATION	See Location Plan
DRILLER	S Gingrich	GROUND SURFACE ELEVATION	589 1 DATUM NGVD
START DATE	8/13/1997 END DATE 8/14/1997	GZA GEOENVIRONMENTAL REPRESENTATIVE	T. Seider

WATER LEVEL DATA				
DATE	TIME	WATER	CASING	NOTES
8/13/1997	10:30	4.3'	none	open core hole

TYPE OF DRILL RIG	Dedrich D-50
CASING SIZE AND DIAMETER	6-1/4" HSA
OVERBURDEN SAMPLING METHOD	2" O.D. x 24" Split Spoon Sampler
ROCK DRILLING METHOD	HQ Size Rock Core

DEPTH	SAMPLE BLOWS (/6")	SAMPLE NO	SAMPLE DEPTH (FT)	N-VALUE /ROD %	RECOVERY (%)	SAMPLE DESCRIPTION	OVM (ppm)
	4	S-1T	0 - 2	48	80	Dark and light brown, hard SILT & CLAY, little f-m Sand, damp, root fragments (TOPSOIL).	ND
1	13						
	35						
2	50	S-1B				Light brown, hard Clayey SILT, little f-c Sand, little f-c Gravel, damp. Rock fragments at 2.1 feet	
	100/1"	S-2	2 - 2.1	>100	100	Spoon refusal at 2.1 feet.	ND
3						Auger refusal at 3.6 feet	
						Roller bit from 3.6 to 6 feet	
4							
5							
						BEDROCK	
6						LOCKPORT DOLOMITE FORMATION	
		C-1	6 - 11	54	96		
7						Gray, hard, very slight to moderate weathering, fine grained, horizontal to low angle fractures.	
8							
9							
10							
11							
		C-2	11.0 - 15.1	73	98		
12							
13							
14							
15							
						Bottom of Boring 15 1 feet	



S - Split Spoon Sample
C - Rock Core Sample

NOTES
1) HNu PI - 101 organic vapor meter used to screen soil samples. Meter was calibrated to the equivalent of 57 ppm benzene in air
2) Split spoon refusal at 2 1 feet, auger to 3.6 feet through a rock substance, augers grinding from 2 1 to 3.6 feet. Rollerbit to 6 feet with no water loss.
3) Approx 18 gal of core water lost during C-1. Approx 460 gal. lost during C-2. 100 gal purged, then well set.

General Notes:
1) Stratification lines represent approximate boundary between soil types; transitions may be gradual.
2) Water level readings have been made at times and under conditions stated; fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.

GZA GEOENVIRONMENTAL OF NEW YORK

Delphi Harrison Thermal Systems
Focused Remedial Investigation
West Lockport Complex
Lockport, NY

BORING No MW-13
SHEET 1 OF 1
FILE No. 55039.2
CHECKED BY GJK

CONTRACTOR	Earth Dimensions, Inc	BORING LOCATION	See Location Plan
DRILLER	B. Barron	GROUND SURFACE ELEVATION	589.5 DATUM NGVD
START DATE	7/25/2001 END DATE 7/26/2001	GZA GEOENVIRONMENTAL REPRESENTATIVE	C. Boron

WATER LEVEL DATA				
DATE	TIME	WATER	CASING	NOTES

TYPE OF DRILL RIG	Diedrick D-50
CASING SIZE AND DIAMETER	8-1/4" HSA
OVERBURDEN SAMPLING METHOD	2" diameter x 24" long splitspoon
ROCK DRILLING METHOD	HQ Size Rock Core

DEPTH	SAMPLE BLOWS (/6")	SAMPLE NO	SAMPLE DEPTH (FT)	N-VALUE /RQD %	RECOVERY (%)	SAMPLE DESCRIPTION	WELL INSTALLATION DIAGRAM	WELL INSTALLATION DESCRIPTION	OVM (ppm)
	6	S-1	0 - 2	27	70	Topsoil		Top of Riser Elev = 589.02 feet	0
1	11					Brown SAND and GRAVEL, moist			
	16							Cement/bentonite grout	
2	8							from 0 to 3.7 feet	
	11					Grades to....trace Clayey Silt		11" Nominal diameter	0
3	100/2					Fractured Bedrock		borehole to 3.0'.	
						Splitspoon Refusal at 2.6'			
4						Auger Refusal at 3.0'		4 " Steel Casing to	
						Roller bit 3.0 to 5.0'		5.0 feet	
5						BEDROCK			
		C-1	5 - 10	74	88	Lockport Dolomite Formation		Bentonite Pellets	
6						Gray, hard, very slight to		from 3.7 to 7 feet	
						slight weathering, fine grained,			
7						horizontal and low angle fractures.		2-inch PVC flush	
								coupled riser pipe	
8								to 8 feet	
9									
								Nominal 3.75" diameter	
10								rock hole 5.0 to 15.0 feet.	
		C-2	10.0 - 15.0	88	97				
11									
						Lost approximately 300 gallons of		2-inch PVC Screen	
12						water during coring.		SCH 40, 10 slot,	
								from 8.0 to 15.0 feet	
13									
14								Sand pack from	
								7.0 to 15.0 feet.	
15									
						Bottom of Boring at 15.0'			
16									
17									
18									
19									

S - Split Spoon Sample
C - Rock Core Sample

NOTES
1) HNu PI - 101 organic vapor meter (OVM) used to screen soil samples. Meter was calibrated to the equivalent of 58 ppm benzene in air
2) OVM reading shown taken on soil samples from splitspoons.

General Notes
1) Stratification lines represent approximate boundary between soil types; transitions may be gradual
2) Water level readings have been made at times and under conditions stated; fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.

GZA GEOENVIRONMENTAL OF NEW YORK

Delphi Harrison Thermal Systems
Focused Remedial Investigation
West Lockport Complex
Lockport, NY

BORING No MW-14
SHEET 1 OF 1
FILE No 55039.2
CHECKED BY GJK

CONTRACTOR	Earth Dimensions, Inc	BORING LOCATION	See Location Plan
DRILLER	B Barron	GROUND SURFACE ELEVATION	590.4 DATUM NGVD
START DATE	7/24/2001 END DATE 7/25/2001	GZA GEOENVIRONMENTAL REPRESENTATIVE	C Boron

WATER LEVEL DATA				
DATE	TIME	WATER	CASING	NOTES

TYPE OF DRILL RIG	Dietrick D-50
CASING SIZE AND DIAMETER	8-1/4" HSA
OVERBURDEN SAMPLING METHOD	2" diameter x 24" long splitspoon
ROCK DRILLING METHOD	HQ Size Rock Core

DEPTH	SAMPLE BLOWS (/6")	SAMPLE NO	SAMPLE DEPTH (FT)	SAMPLE N-VALUE /RQD %	SAMPLE RECOVERY (%)	SAMPLE DESCRIPTION	WELL INSTALLATION DIAGRAM	WELL INSTALLATION DESCRIPTION	OVM (ppm)
	7	S-1	0 - 2	12	95	Topsoil		Top of Riser Elev. = 592.77 feet	0
1	7					Brown SILT, little Sand, trace Gravel, moist			
	5							Cement/bentonite grout	
2	4					Grades to: .Clayey SILT		from 0 to 3.5 feet.	
	7	S-2	2 - 4		50			11" Nominal diameter	0
3	7							borehole to 3.1'	
	50/1					Splitspoon Refusal at 3.0'			
4						Auger Refusal at 3.1'		4 " Steel Casing to	
		C-1	4.1 - 9.1	64	95	Roller bit 3.1 to 4.1'		4.1 feet.	
5						BEDROCK			
						Lockport Dolomite Formation			
6						Gray, hard, very slight to		Bentonite Pellets	
						slight weathering, fine grained,		from 3.5 to 7.2 ft.	
7						horizontal and low angle fractures			
8								2-inch PVC flush	
								coupled riser pipe	
9								to 12.2 feet.	
		C-2	9.1 - 14.1	97	100				
10									
11									
12									
13									
14								Sand pack from	
		C-3	14.1 - 19.1	94	98			7.2 to 19.1 feet	
15									
16									
								Nominal 3.75" diameter	
17								rock hole 4.1 to 19.1 feet	
18						Lost approximately 20 gallons of			
						water during coring		2-inch PVC Screen	
19								SCH 40, 10 slot,	
						Bottom of Boring at 19.1'		from 9.1 to 19.1 feet	

S - Split Spoon Sample
C - Rock Core Sample

NOTES.
1) HNu PI - 101 organic vapor meter (OVM) used to screen soil samples Meter was calibrated to the equivalent of 58 ppm benzene in air.
2) OVM reading shown taken on soil samples from splitspoons.

General Notes:
1) Stratification lines represent approximate boundary between soil types, transitions may be gradual
2) Water level readings have been made at times and under conditions stated; fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.

GZA GEOENVIRONMENTAL OF NEW YORK

Delphi Harrison Thermal Systems
Focused Remedial Investigation
West Lockport Complex
Lockport, NY

BORING No. MW-15
SHEET 1 OF 1
FILE No 55039.2
CHECKED BY. GJK

CONTRACTOR	Earth Dimensions, Inc	BORING LOCATION	See Location Plan
DRILLER	B. Barron	GROUND SURFACE ELEVATION	591.9 DATUM NGVD
START DATE	7/24/2001 END DATE 7/27/2001	GZA GEOENVIRONMENTAL REPRESENTATIVE	C Boron

WATER LEVEL DATA				
DATE	TIME	WATER	CASING	NOTES

TYPE OF DRILL RIG	Dietrick D-50
CASING SIZE AND DIAMETER	8-1/4" HSA
OVERBURDEN SAMPLING METHOD	2" diameter x 24" long splitspoon
ROCK DRILLING METHOD	HQ Size Rock Core

DEPTH	SAMPLE BLOWS (/6")	SAMPLE NO.	SAMPLE DEPTH (FT)	SAMPLE N-VALUE /RQD %	SAMPLE RECOVERY (%)	SAMPLE DESCRIPTION	WELL INSTALLATION DIAGRAM	WELL INSTALLATION DESCRIPTION	OVM (ppm)
	7	S-1	0 - 2	36	80	Topsoil		Top of Riser Elev = 594.04	0
1	16					Brown SAND, some Silt, trace Gravel, moist			
	20							Cement/bentonite grout	
2	100/2					Gray Fractured Bedrock, little Sand, little Silt, moist		from 0 to 4.5 feet.	
								11" Nominal diameter	0
3								borehole to 3.4 feet	
						Splitspoon Refusal at 2'			
4						Auger Refusal at 3.4'		4" Steel Casing to	
						Roller bit 3.4 to 5.4'		5.4 feet.	
5						BEDROCK			
		C-1	5.4 - 10.4	70	88	Lockport Dolomite Formation		Bentonite Pellets	
6						Gray, hard, very slight to		from 4.5 to 6.5 feet	
						slight weathering, fine grained,			
7						horizontal and low angle fractures		2-inch PVC flush	
								coupled riser pipe	
8								to 8.0 feet.	
9									
								Nominal 3.75" diameter	
10								rock hole 5.4 to 15.4 feet	
		C-2	10.4 - 15.4	70	96				
11									
						Lost approximately 250 gallons of		2-inch PVC Screen	
12						water during coring.		SCH. 40, 10 slot,	
								from 8.0 to 15.0 feet.	
13									
14								Sand pack from	
								6.5 to 15.4 feet	
15									
						Bottom of Boring at 15.4'			
16									
17									
18									
19									

S - Split Spoon Sample
C - Rock Core Sample

NOTES:
1) HNu PI - 101 organic vapor meter (OVM) used to screen soil samples. Meter was calibrated to the equivalent of 58 ppm benzene in air.
2) OVM reading shown taken on soil samples from splitspoons.

General Notes
1) Stratification lines represent approximate boundary between soil types. transitions may be gradual
2) Water level readings have been made at times and under conditions stated; fluctuations of groundwater may occur due to other factors than those present at the time measurements were made

APPENDIX D

GMCH Provided Chemical Database

LOCKPORT - GMCH **U.S. - CWA (Clean Water Act) - Total Toxic Organics for Metal Finishing Point Source Category**

Reg. List Last Updated: 10/20/2010

Results narrowed to only PCE, TCE, VC and trans-1,2-DCE

Active/ Inactive	Fid	Version	Tradename	Dept	Dept Start Date	Dept End Date	Name	CAS Text	Wt or Vol	Oper	% Lo	% Hi
A I	237304	4/6/1990	IMMERSION CLEANER AND COLD PARTS CLEANER	479 Paint Room, upstairs (Bldg. 7)			Tetrachloroethylene	127-18-4	WT	<		0.50
A I	107318	4/4/1997	SAFETY-KLEEN 105 SOLVENT RECYCLED	304 (Boiler House)	10/1/2001		Tetrachloroethylene	127-18-4	WT	<		0.20
A I	107318	4/4/1997	SAFETY-KLEEN 105 SOLVENT RECYCLED	337 (Bldg 7 Production Maint.)	7/1/1989		Tetrachloroethylene	127-18-4	WT	<		0.20
A I	107318	4/4/1997	SAFETY-KLEEN 105 SOLVENT RECYCLED	385 (Bldg. 7 Toolroom)	7/1/1989		Tetrachloroethylene	127-18-4	WT	<		0.20
A ?	214276	3/20/1996	PANGOFOL BLACK - CODES: 992/996/997/998	Old 461/462 (Bldg. 7)			Trichloroethylene	79-01-6	UNK	R	80.00	90.00
A ?	227756	6/1/1990	WELD-ON 3 FOR ACRYLIC	669 (Building 6 Model Shop)			Trichloroethylene	79-01-6	UNK	=	9.00	
I	104411	2/7/1979	FREKOTE #34				Tetrachloroethylene	127-18-4	WT	=	0.90	
I	102580	5/31/1989	PERCHLOROETIIYLEN E				Tetrachloroethylene	127-18-4	WT	=	100.00	
I	140717	8/7/1985	PERCHLOROETHYLEN E SVG				Tetrachloroethylene	127-18-4	WT	=	99.50	
I	107318	1/15/1992	SAFETY-KLEEN 105 SOLVENT RECYCLED				Tetrachloroethylene	127-18-4	WT	<		0.50
I	180034	5/13/1985	LOCQUIC PRIMER NF				Trichloroethylene	79-01-6	WT	R	85.00	90.00
I	141083	10/5/1985	NEU-TRI SOLVENT 56530				Trichloroethylene	79-01-6	UNK	=	99.40	
I	140363	7/1/1987	TRICHLOR				Trichloroethylene	79-01-6	UNK	=	100.00	

APPENDIX E

Air/Vapor Sampling Forms

Air/Vapor Sampling Form

Client: GMCH Lockport

Location: Lockport, NY

Project No: 36795 Vacuum Test Helium

Sample ID	Location	Start Date	Loc	Canister No	Canister Size	Canister Type	Pressure (in Hg) Initial	Pressure (in Hg) Final	Flow Controller No	Flow Controller Type	Flow Rate (+3%)	Purging Purge Rate	Purging Purge Volume	Tedlar Bag Pass	Tedlar Bag Fail	Leak/Vapor Test Lenght (min)	Leak/Vapor Test MAX Reading	Start Time	End Time
7-VI-21A	011811-0748	Bldg 7A	1/18/11	TA	1397	6L	Summa	-30.0	-7.0	K312				X		N	A	748	1505
7-VI-25S	011811-0749	Bldg 7A			11156			-28.5	-6.0	K349				N	A	4	350 ppm	749	1505
7-VI-DUP2	011811-0747	Bldg 7A			9461B			-28.5	-4.0	K505				X		N	A	747	1505
7-VI-21A	011811-0744	Bldg 7A			1331N			-29.5	-6.0	K361				X		N	A	744	1515
7-VI-25S	011811-0745	Bldg 7A			1497			-29.0	-3.0	K333				N	A	4	550 ppm	745	1515
7-VI-OUT	011811-0730	Bldg 7			1375N			-29.0	-5.0	K332				X		N	A	730	1522
7-VI-31A	011811-0918				12170			-26.5	-4.5	K104				X		N	A	918	1632
7-VI-35S	011811-0917				6382			-27.5	-5.0	K157				N	A	4	∅	917	1632
7-VI-41A	011811-0759				1574			-29.0	-5.5	K329				X		N	A	759	1535
7-VI-45S	011811-0801				0178			-28.5	-4.0	K293				N	A	3	42%	801	1535
7-VI-51A	011811-0805				1281N			30.0	-6.5	K285				X		N	A	805	1636
7-VI-55S	011811-0806				6624			-29.0	-5.0	K454				N	A	3	2.1%	806	1636
7-VI-61A	011811-0808				12468			-29.0	-3.0	K492				X		N	A	808	1542
7-VI-65S	012011-0815				12522			-29.5	-5.5	K161				N	A	5	12,500 ppm	815	[illegible]
7-VI-DUP	011811-0809				6597			-28.0	-5.0	K470				X		N	A	809	1542
7-VI-71A	011811-0813	▼	▼	▼	1410	▼	▼	-30.0	-7.0	K399				X		N	A	813	1604

Climate

Date	Time	Temp (°F) Indoor	Temp (°F) Outdoor	Humidity	Wind (mph)	Press (in)	Precip (in)

Notes

Air/Vapor Sampling Form

Project: GMCH Lockport

Location: Lockport NY

Project No: 36795

Helium

	Sample ID	Location	Start Date	Lab	Canister No	Canister Size	Canister Type	Canister Pressure (in Hg) Initial	Canister Pressure (in Hg) Final	Flow Controller No.	Flow Controller Type	Flow Rate (25%)	Purging Purge Rate	Purging Purge Volume	Vacuum Test Pass	Vacuum Test Fail	Leak Check Test Length (min)	Leak Check Test Helium Reading	Start Time	End Time
7-VI-7SS	011811-0814	Bldg 7	1/18/11	TA	12484	6L	Summa	-30.0	-7.0	K189					N	A	4	Ø	814	1604
7-VI-8IA	011811-0816				12179			-28.0	-2.0	K103					X		N	A	816	1608
7-VI-8SS	011811-0817				93180			-28.5	-3.0	K258					N	A	4	905 ppm	817	1608
7-VI-9IA	011811-0819				11422			-29.0	-5.0	K211					X		N	A	819	1608
7-VI-9SS	011811-0820				6125			-28.0	-4.0	K320					N	A	3	875 ppm	820	1618
7-VI-10IA	011811-0823				8010			-29.5	-6.5	K120					X		N	A	823	1622
7-VI-10SS	011811-0824				6667			-29.0	-5.0	K452					N	A	4	Ø	824	1622
7-VI-11IA	011811-0826				6681			-28.5	-4.5	K497					X		N	A	826	1628
7-VI-11SS	011811-0827				4719			-28.0	-4.0	K491					N	A	4	1,259 ppm	827	1628
7-VI-6IA	012011-0[illegible]		1/20/11		[illegible]			[illegible]	[illegible]	[illegible]					X		N	A	[illegible]	[illegible]

Climate

Date	Time	Temp (°F) Indoor	Temp (°F) Outdoor	Humidity	Wind (mph)	Press (in.)	Precip (in.)

Notes

APPENDIX F

Quality Assessment and Validation Reports

CONESTOGA-ROVERS & ASSOCIATES

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MEMORANDUM

TO: Denis Conley

REF. NO.: 058507-256005

FROM: Kathleen Willy/bjw/30

DATE: March 22, 2011

E-Mail and Hard Copy if Requested

RE: Data Quality Assessment and Validation
BCP Investigations, Building 7 Air
GM-Lockport
Lockport, New York
January 2011

INTRODUCTION

The following details a quality assessment and validation of the analytical data resulting from the January 2011, collection of air samples from the GM Lockport Plant, Building 7 in Lockport, New York, in support of the BCP Investigations. The sample summary detailing sample identification, sample location, quality control (QC) samples, and analytical parameters is presented in Table 1. Sample analysis was completed at TestAmerica, Inc. (TestAmerica), in Knoxville, TN, in accordance with the methodologies presented in Table 2. A summary of the validated results can be found in Table 3.

The QC criteria used to assess the data were established by the methods and with following guidance documents:

i) "USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review", United States Environmental Protection Agency (USEPA) 540/R-99/008, October 1999

These guidelines are collectively referred to as "Guidelines" in this memorandum.

SAMPLE QUANTITATION

The laboratory did not report detected concentrations of organic compounds below the laboratory's practical quantitation limit (PQL)/report limit (RL) but above the laboratory's method detection limit (MDL).

SAMPLE PRESERVATION AND HOLDING TIMES

Sample holding time periods and preservation requirements are summarized in the analytical methods. All sample extractions and/or analyses were performed within the specified holding times.

REGISTERED COMPANY FOR ISO 9001 ENGINEERING DESIGN

EQUAL EMPLOYMENT OPPORTUNITY EMPLOYER

All samples were properly preserved and cooled to 4°C(±2°C) after collection.

GAS CHROMATOGRAPHY/MASS SPECTROMETER (GC/MS) – TUNING AND MASS CALIBRATION (INSTRUMENT PERFORMANCE CHECK) – VOLATILE ORGANIC COMPOUNDS (VOCs)

To ensure adequate mass resolution, identification, and to some degree, sensitivity; the performance of each GC/MS instrument used for VOC analysis was checked at the beginning of each 24-hour period using bromofluorobenzene (BFB). The resulting spectra must meet the criteria cited in the "Guidelines" before initiating an analysis sequence.

Instrument performance check data were reviewed. These tuning compounds were analyzed at the required frequency throughout the analyses. The results of all instrument performance checks were within the acceptance criteria, indicating acceptable instrument performance.

INITIAL CALIBRATION – VOCs

Initial calibration data are used to demonstrate that each instrument is capable of generating acceptable quantitative data. A five point calibration curve containing all compounds of interest is analyzed to characterize instrument response for each over a specific concentration range.

Initial calibration criteria for organic analyses are evaluated against the following criteria:

i) GC/MS (all compounds) – must meet a minimum mean relative response factor (RRF) of 0.05.

ii) GC/MS (all compounds) – the percent relative standard deviation (%RSD) values must not exceed 30.0 percent or a minimum coefficient of determination (R^2) of 0.99 if quadratic equation calibration curves are used.

Calibration standards were analyzed at the required frequency and the results met the above criteria for linearity and sensitivity with the exception of high RSD values for bromoform, 2-butanone, and 1,2,4-trichlorobenzene, indicating non-linearity of the calibration curve. A summary of the qualified sample results is presented in Table 4.

CONTINUING CALIBRATION – VOCs

To ensure that each instrument was capable of producing acceptable quantitative data over the analysis period, continuing calibration standards must be analyzed every 24 hours. The following criteria are employed to evaluate the continuing calibration data:

i) GC/MS (all compounds) – must meet a minimum mean RRF of 0.05.

ii) GC/MS (all compounds) – the percent difference (%D) between the mean initial calibration RRF and the continuing calibration RRF must not exceed 30 percent.

iii) GC/MS (compounds determined by quadratic curve) – the percent drift between the true value and the continuing calibration value must not exceed 30 percent.

Calibration standards were analyzed at the required frequency and the results met the above criteria for instrument sensitivity. Dichlorodifluoromethane, chloromethane, and 2-butanone exhibited a high %D or drift. All associated results were qualified as estimated to reflect the implied variability. A summary of the qualified data is presented in Table 5.

METHOD BLANK SAMPLES

Method blank samples are prepared from a purified sample matrix and are processed concurrently with investigative samples to assess the presence and the magnitude of sample contamination introduced during sample analysis. Method blank samples are analyzed at a minimum frequency of one per analytical batch and target analytes should be non-detect.

Method blanks were analyzed at the recommended frequency and the results were non-detect for all analytes of interest.

LABORATORY CONTROL SAMPLE (LCS)

The LCS analysis serves as a monitor of the overall performance in all steps of the sample analysis and are analyzed with each sample batch. The LCS percent recoveries were evaluated against method and laboratory established control limits.

All LCS recoveries were within acceptable limits indicating acceptable analytical accuracy with the exception of a low recovery of 2-butanone. Associated sample results were qualified as estimated to reflect the implied low bias. A summary of the qualified data is presented in Table 6.

INTERNAL STANDARD (IS) SUMMARIES – ORGANIC ANALYSES

To correct for variability in the GC/MS response and sensitivity, IS compounds are added to all samples. All results are calculated as a ratio of the compound and associated IS response. Overall instrument stability and performance for VOC and SVOC analyses were monitored using IS peak area and retention time (RT) data. The IS peak areas and RTs of the samples are required to meet the following criteria:

i) IS area counts must be within -60 percent to +140 percent from the associated continuing calibration standard IS area counts.

ii) The RT of the IS must not vary by more than plus or minus 30 seconds from the associated continuing calibration standard.

A review of the internal standard data showed that the IS area counts and retention time data were within the acceptance criteria.

TARGET COMPOUND IDENTIFICATION

To minimize erroneous compound identification during organic analyses, qualitative criteria including compound retention time and mass spectra (if applicable) were evaluated according to identification criteria established by the methods. The organic compounds reported adhered to the specified identification criteria.

TARGET COMPOUND QUANTITATION

The reported quantitation results and detection limits were checked to ensure results reported were accurate. No discrepancies were found between the raw data and the sample results reported by the laboratory.

FIELD QUALITY ASSURANCE/QUALITY CONTROL (QA/QC)

The field QA/QC consisted of one field duplicate pair.

Overall precision for the sampling event and laboratory procedures was monitored using the results of the field duplicate sample sets. The RPDs associated with these duplicate samples must be less than 50 percent. If the reported concentration in either the investigative sample or its duplicate is less than five times the RL, the evaluation criteria is one times the RL value.

All field duplicate results were acceptable indicating good field and analytical precision.

SYSTEM PERFORMANCE

System performance between various quality control checks was evaluated to monitor for changes that may have caused the degradation of data quality. No technical problems or chromatographic anomalies were observed which would require qualification of the data.

OVERALL ASSESSMENT

The data were found to exhibit acceptable levels of accuracy and precision, based on the provided information, and may be used with the qualifications and exceptions noted within.

TABLE 1

SAMPLE COLLECTION AND ANALYSIS SUMMARY
BCP INVESTIGATIONS, BUILDING 7 AIR
GM-LOCKPORT
LOCKPORT, NEW YORK
JANUARY 2011

					Analysis/Parameters	
Sample ID	*Location ID*	*Collection Date (mm/dd/yy)*	*Collection Time (hr:min)*	*Matrix*	*TO-15*	*Comments*
7-VI-1IA-011811-0748	7-VI-1IA	01/18/11	7:48	Indoor Air	X	
7-VI-DUP2-011811-0747	7-VI-1IA	01/18/11	7:47	Indoor Air	X	Field duplicate of sample 7-VI-1IA-011811-0748
7-VI-1SS-011811-0749	7-VI-1SS	01/18/11	7:49	Sub-slab	X	
7-VI-2IA-011811-0744	7-VI-2IA	01/18/11	7:44	Indoor Air	X	
7-VI-2SS-011811-0745	7-VI-2SS	01/18/11	7:45	Sub-slab	X	
7-VI-OUT-011811-0730	7-VI-OUT	01/18/11	7:30	Outdoor Air	X	
7-VI-4IA-011811-0759	7-VI-4IA	01/18/11	7:59	Indoor Air	X	
7-VI-4SS-011811-0801	7-VI-4SS	01/18/11	8:01	Sub-slab	X	
7-VI-5IA-011811-0805	7-VI-5IA	01/18/11	8:05	Indoor Air	X	
7-VI-5SS-011811-0806	7-VI-5SS	01/18/11	8:06	Sub-slab	X	
7-VI-6IA-011811-0808	7-VI-6IA	01/18/11	8:08	Indoor Air	X	
7-VI-DUP-011811-0809	7-VI-6IA	01/18/11	8:09	Indoor Air	X	Field duplicate of sample 7-VI-6IA-011811-0808
7-VI-6SS-011811-0810	7-VI-6SS	01/18/11	8:10	Sub-slab	X	
7-VI-3IA-011811-0918	7-VI-3IA	01/18/11	9:18	Indoor Air	X	
7-VI-3SS-011811-0917	7-VI-3SS	01/18/11	9:17	Sub-slab	X	
7-VI-7IA-011811-0813	7-VI-7IA	01/18/11	8:13	Indoor Air	X	
7-VI-7SS-011811-0814	7-VI-7SS	01/18/11	8:14	Sub-slab	X	
7-VI-8IA-011811-0816	7-VI-8IA	01/18/11	8:16	Indoor Air	X	
7-VI-8SS-011811-0817	7-VI-8SS	01/18/11	8:17	Sub-slab	X	
7-VI-9IA-011811-0819	7-VI-9IA	01/18/11	8:19	Indoor Air	X	
7-VI-9SS-011811-0820	7-VI-9SS	01/18/11	8:20	Sub-slab	X	
7-VI-10IA-011811-0823	7-VI-10IA	01/18/11	8:23	Indoor Air	X	

TABLE 1

SAMPLE COLLECTION AND ANALYSIS SUMMARY
BCP INVESTIGATIONS, BUILDING 7 AIR
GM-LOCKPORT
LOCKPORT, NEW YORK
JANUARY 2011

					Analysis/Parameters	
Sample ID	*Location ID*	*Collection Date (mm/dd/yy)*	*Collection Time (hr:min)*	*Matrix*	*TO-15*	*Comments*
7-VI-10SS-011811-0824	7-VI-10SS	01/18/11	8:24	Sub-slab	X	
7-VI-11IA-011811-0826	7-VI-11IA	01/18/11	8:26	Indoor Air	X	
7-VI-11SS-011811-0827	7-VI-11SS	01/18/11	8:27	Sub-slab	X	
7-VI-6-IA-012011-0816	7-VI-6IA	01/20/11	8:16	Indoor Air	X	
7-VI-6-SS-012011-0815	7-VI-6SS	01/20/11	8:15	Sub-slab	X	

Notes:

TO-15 Toxic Organic Compounds in Air.

TABLE 2

SUMMARY OF ANALYTICAL METHODS
BCP INVESTIGATIONS, BUILDING 7 AIR
GM-LOCKPORT
LOCKPORT, NEW YORK
JANUARY 2011

Parameter	*Method* [1]
VOCs	EPA TO-15

Notes:

[1] "Test Methods for Solid Waste/Physical Chemical Methods", SW-846, 3rd Edition, September 1986 (with all subsequent revisions).

VOCS Volatile Organic Compounds.

TABLE 3

ANALYTICAL RESULTS SUMMARY
BCP INVESTIGATIONS, BUILDING 7 AIR
GM-LOCKPORT
LOCKPORT, NEW YORK
JANUARY 2011

	Sample Location:	*7-VI-1IA*	*7-VI-1IA*	*7-VI-1IA*	*7-VI-1IA*
	Sample ID:	*7-VI-1IA-011811-0748*	*7-VI-1IA-011811-0748*	*7-VI-DUP2-011811-0747*	*7-VI-DUP2-011811-0747*
	Sample Date:	*1/18/2011*	*1/18/2011*	*1/18/2011*	*1/18/2011*
	Result Unit:	*ppbv*	*ug/m3*	*ppbv*	*ug/m3*
Volatile Organic Compounds					
1,1,1-Trichloroethane		0.80 U	4.4 U	0.40 U	2.2 U
1,1,2,2-Tetrachloroethane		0.80 U	5.5 U	0.40 U	2.7 U
1,1,2-Trichloroethane		0.80 U	4.4 U	0.40 U	2.2 U
1,1-Dichloroethane		0.80 U	3.2 U	0.40 U	1.6 U
1,1-Dichloroethene		0.80 U	3.2 U	0.40 U	1.6 U
1,2,4-Trichlorobenzene		0.80 U	5.9 U	0.40 U	3.0 U
1,2,4-Trimethylbenzene		0.80 U	3.9 U	0.40 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)		0.80 U	6.1 U	0.40 U	3.1 U
1,2-Dichlorobenzene		0.80 U	4.8 U	0.40 U	2.4 U
1,2-Dichloroethane		0.80 U	3.2 U	0.40 U	1.6 U
1,2-Dichloropropane		0.80 U	3.7 U	0.40 U	1.8 U
1,2-Dichlorotetrafluoroethane (CFC 114)		0.80 U	5.6 U	0.40 U	2.8 U
1,3,5-Trimethylbenzene		0.80 U	3.9 U	0.40 U	2.0 U
1,3-Dichlorobenzene		0.80 U	4.8 U	0.40 U	2.4 U
1,4-Dichlorobenzene		0.80 U	4.8 U	0.40 U	2.4 U
1,4-Dioxane		2.0 U	7.2 U	1.0 U	3.6 U
2,2,4-Trimethylpentane		2.0 U	9.3 U	1.0 U	4.7 U
2-Butanone (Methyl ethyl ketone) (MEK)		10	31	10	30
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)		4.2	17	5.0	20
Benzene		0.80 U	2.6 U	0.40 U	1.3 U
Benzyl chloride		1.6 U	8.3 U	0.80 U	4.1 U
Bromodichloromethane		0.80 U	5.4 U	0.40 U	2.7 U
Bromoform		0.80 U	8.3 U	0.40 U	4.1 U
Bromomethane (Methyl bromide)		0.80 U	3.1 U	0.40 U	1.6 U
Carbon tetrachloride		0.40 U	2.5 U	0.20 U	1.3 U
Chlorobenzene		0.80 U	3.7 U	0.40 U	1.8 U
Chloroethane		0.80 U	2.1 U	0.40 U	1.1 U
Chloroform (Trichloromethane)		0.80 U	3.9 U	0.40 U	2.0 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
BCP INVESTIGATIONS, BUILDING 7 AIR
GM-LOCKPORT
LOCKPORT, NEW YORK
JANUARY 2011

	Sample Location:	*7-VI-1IA*	*7-VI-1IA*	*7-VI-1IA*	*7-VI-1IA*
	Sample ID:	*7-VI-1IA-011811-0748*	*7-VI-1IA-011811-0748*	*7-VI-DUP2-011811-0747*	*7-VI-DUP2-011811-0747*
	Sample Date:	*1/18/2011*	*1/18/2011*	*1/18/2011*	*1/18/2011*
	Result Unit:	*ppbv*	*ug/m3*	*ppbv*	*ug/m3*
Volatile Organic Compounds (Cont'd.)					
Chloromethane (Methyl chloride)		2.0 U	4.1 U	1.0 U	2.1 U
cis-1,2-Dichloroethene		0.80 U	3.2 U	0.40 U	1.6 U
cis-1,3-Dichloropropene		0.80 U	3.6 U	0.40 U	1.8 U
Cyclohexane		2.0 U	6.9 U	1.0 U	3.4 U
Dibromochloromethane		0.80 U	6.8 U	0.40 U	3.4 U
Dichlorodifluoromethane (CFC-12)		6.5	32	7.5	37
Ethanol		59	110	52	97
Ethylbenzene		0.80 U	3.5 U	0.40 U	1.7 U
Hexachlorobutadiene		0.80 U	8.5 U	0.40 U	4.3 U
Hexane		2.0 U	7.0 U	1.0 U	3.5 U
m&p-Xylenes		0.80 U	3.5 U	0.40 U	1.7 U
Methyl tert butyl ether (MTBE)		1.6 U	5.8 U	0.80 U	2.9 U
Methylene chloride		4.7	16	1.0 U	3.5 U
o-Xylene		0.80 U	3.5 U	0.40 U	1.7 U
Styrene		0.80 U	3.4 U	0.40 U	1.7 U
tert-Butyl alcohol		21	63	22	66
Tetrachloroethene		0.80 U	5.4 U	0.60	4.0
Toluene		26	99	17	63
trans-1,2-Dichloroethene		0.80 U	3.2 U	0.40 U	1.6 U
trans-1,3-Dichloropropene		0.80 U	3.6 U	0.40 U	1.8 U
Trichloroethene		0.50	2.7	0.55	3.0
Trichlorofluoromethane (CFC-11)		0.80 U	4.5 U	0.40 U	2.2 U
Trifluorotrichloroethane (Freon 113)		0.80 U	6.1 U	0.40 U	3.1 U
Vinyl chloride		0.80 U	2.0 U	0.40 U	1.0 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
BCP INVESTIGATIONS, BUILDING 7 AIR
GM-LOCKPORT
LOCKPORT, NEW YORK
JANUARY 2011

Sample Location:	*7-VI-1SS*	*7-VI-1SS*	*7-VI-2IA*	*7-VI-2IA*
Sample ID:	*7-VI-1SS-011811-0749*	*7-VI-1SS-011811-0749*	*7-VI-2IA-011811-0744*	*7-VI-2IA-011811-0744*
Sample Date:	*1/18/2011*	*1/18/2011*	*1/18/2011*	*1/18/2011*
Result Unit:	*ppbv*	*ug/m3*	*ppbv*	*ug/m3*
Volatile Organic Compounds				
1,1,1-Trichloroethane	0.80 U	4.4 U	0.40 U	2.2 U
1,1,2,2-Tetrachloroethane	0.80 U	5.5 U	0.40 U	2.7 U
1,1,2-Trichloroethane	0.80 U	4.4 U	0.40 U	2.2 U
1,1-Dichloroethane	0.80 U	3.2 U	0.40 U	1.6 U
1,1-Dichloroethene	0.80 U	3.2 U	0.40 U	1.6 U
1,2,4-Trichlorobenzene	0.80 U	5.9 U	0.40 U	3.0 U
1,2,4-Trimethylbenzene	0.88	4.3	0.40 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	0.80 U	6.1 U	0.40 U	3.1 U
1,2-Dichlorobenzene	0.80 U	4.8 U	0.40 U	2.4 U
1,2-Dichloroethane	0.80 U	3.2 U	0.40 U	1.6 U
1,2-Dichloropropane	0.80 U	3.7 U	0.40 U	1.8 U
1,2-Dichlorotetrafluoroethane (CFC 114)	0.80 U	5.6 U	0.40 U	2.8 U
1,3,5-Trimethylbenzene	0.80 U	3.9 U	0.40 U	2.0 U
1,3-Dichlorobenzene	0.80 U	4.8 U	0.40 U	2.4 U
1,4-Dichlorobenzene	0.80 U	4.8 U	0.40 U	2.4 U
1,4-Dioxane	2.0 U	7.2 U	1.0 U	3.6 U
2,2,4-Trimethylpentane	2.0 U	9.3 U	1.0 U	4.7 U
2-Butanone (Methyl ethyl ketone) (MEK)	31	92	1.6 U	4.7 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	4.8	20	1.0 U	4.1 U
Benzene	0.80 U	2.6 U	0.49	1.6
Benzyl chloride	1.6 U	8.3 U	0.80 U	4.1 U
Bromodichloromethane	0.80 U	5.4 U	0.40 U	2.7 U
Bromoform	0.80 U	8.3 U	0.40 U	4.1 U
Bromomethane (Methyl bromide)	0.80 U	3.1 U	0.40 U	1.6 U
Carbon tetrachloride	0.40 U	2.5 U	0.20 U	1.3 U
Chlorobenzene	0.80 U	3.7 U	0.40 U	1.8 U
Chloroethane	0.80 U	2.1 U	0.40 U	1.1 U
Chloroform (Trichloromethane)	0.80 U	3.9 U	0.40 U	2.0 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
BCP INVESTIGATIONS, BUILDING 7 AIR
GM-LOCKPORT
LOCKPORT, NEW YORK
JANUARY 2011

	Sample Location:	*7-VI-1SS*	*7-VI-1SS*	*7-VI-2IA*	*7-VI-2IA*
	Sample ID:	*7-VI-1SS-011811-0749*	*7-VI-1SS-011811-0749*	*7-VI-2IA-011811-0744*	*7-VI-2IA-011811-0744*
	Sample Date:	*1/18/2011*	*1/18/2011*	*1/18/2011*	*1/18/2011*
	Result Unit:	*ppbv*	*ug/m3*	*ppbv*	*ug/m3*
Volatile Organic Compounds (Cont'd.)					
Chloromethane (Methyl chloride)		2.0 U	4.1 U	1.0 U	2.1 U
cis-1,2-Dichloroethene		3.8	15	0.40 U	1.6 U
cis-1,3-Dichloropropene		0.80 U	3.6 U	0.40 U	1.8 U
Cyclohexane		2.0 U	6.9 U	1.0 U	3.4 U
Dibromochloromethane		0.80 U	6.8 U	0.40 U	3.4 U
Dichlorodifluoromethane (CFC-12)		0.80 U	4.0 U	0.72	3.6
Ethanol		9.7	18	4.2	7.9
Ethylbenzene		7.4	32	0.40 U	1.7 U
Hexachlorobutadiene		0.80 U	8.5 U	0.40 U	4.3 U
Hexane		2.0 U	7.0 U	1.0 U	3.5 U
m&p-Xylenes		22	97	0.58	2.5
Methyl tert butyl ether (MTBE)		1.6 U	5.8 U	0.80 U	2.9 U
Methylene chloride		2.0 U	6.9 U	1.0 U	3.5 U
o-Xylene		3.4	15	0.40 U	1.7 U
Styrene		0.80 U	3.4 U	0.40 U	1.7 U
tert-Butyl alcohol		9.7	29	1.6 U	4.9 U
Tetrachloroethene		5.8	39	0.74	5.0
Toluene		51	190	24	92
trans-1,2-Dichloroethene		0.80 U	3.2 U	0.40 U	1.6 U
trans-1,3-Dichloropropene		0.80 U	3.6 U	0.40 U	1.8 U
Trichloroethene		1.8	9.9	0.50	2.7
Trichlorofluoromethane (CFC-11)		0.80 U	4.5 U	0.40 U	2.2 U
Trifluorotrichloroethane (Freon 113)		0.80 U	6.1 U	0.40 U	3.1 U
Vinyl chloride		0.80 U	2.0 U	0.40 U	1.0 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
BCP INVESTIGATIONS, BUILDING 7 AIR
GM-LOCKPORT
LOCKPORT, NEW YORK
JANUARY 2011

	Sample Location:	*7-VI-2SS*	*7-VI-2SS*	*7-VI-3IA*	*7-VI-3IA*
	Sample ID:	*7-VI-2SS-011811-0745*	*7-VI-2SS-011811-0745*	*7-VI-3IA-011811-0918*	*7-VI-3IA-011811-0918*
	Sample Date:	*1/18/2011*	*1/18/2011*	*1/18/2011*	*1/18/2011*
	Result Unit:	*ppbv*	*ug/m3*	*ppbv*	*ug/m3*
Volatile Organic Compounds					
1,1,1-Trichloroethane		9.7 U	53 U	0.20 U	1.1 U
1,1,2,2-Tetrachloroethane		9.7 U	67 U	0.20 U	1.4 U
1,1,2-Trichloroethane		9.7 U	53 U	0.20 U	1.1 U
1,1-Dichloroethane		9.7 U	39 U	0.20 U	0.81 U
1,1-Dichloroethene		10	41	0.20 U	0.79 U
1,2,4-Trichlorobenzene		9.7 U	72 U	0.20 U	1.5 U
1,2,4-Trimethylbenzene		9.7 U	48 U	1.1	5.3
1,2-Dibromoethane (Ethylene dibromide)		9.7 U	75 U	0.20 U	1.5 U
1,2-Dichlorobenzene		9.7 U	58 U	0.20 U	1.2 U
1,2-Dichloroethane		9.7 U	39 U	0.20 U	0.81 U
1,2-Dichloropropane		9.7 U	45 U	0.20 U	0.92 U
1,2-Dichlorotetrafluoroethane (CFC 114)		9.7 U	68 U	0.20 U	1.4 U
1,3,5-Trimethylbenzene		9.7 U	48 U	0.49	2.4
1,3-Dichlorobenzene		9.7 U	58 U	0.20 U	1.2 U
1,4-Dichlorobenzene		9.7 U	58 U	2.2	13
1,4-Dioxane		24 U	86 U	0.50 U	1.8 U
2,2,4-Trimethylpentane		24 U	110 U	1.1	4.9
2-Butanone (Methyl ethyl ketone) (MEK)		39 U	120 U	14	42
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)		24 U	98 U	2.7	11
Benzene		9.7 U	31 U	0.54	1.7
Benzyl chloride		19 U	98 U	0.40 U	2.1 U
Bromodichloromethane		9.7 U	65 U	0.20 U	1.3 U
Bromoform		9.7 U	100 U	0.20 U	2.1 U
Bromomethane (Methyl bromide)		9.7 U	38 U	0.20 U	0.78 U
Carbon tetrachloride		4.9 U	31 U	0.10 U	0.63 U
Chlorobenzene		9.7 U	45 U	0.20 U	0.92 U
Chloroethane		9.7 U	26 U	0.20 U	0.53 U
Chloroform (Trichloromethane)		9.7 U	47 U	0.20 U	0.98 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
BCP INVESTIGATIONS, BUILDING 7 AIR
GM-LOCKPORT
LOCKPORT, NEW YORK
JANUARY 2011

	Sample Location:	*7-VI-2SS*	*7-VI-2SS*	*7-VI-3IA*	*7-VI-3IA*
	Sample ID:	*7-VI-2SS-011811-0745*	*7-VI-2SS-011811-0745*	*7-VI-3IA-011811-0918*	*7-VI-3IA-011811-0918*
	Sample Date:	*1/18/2011*	*1/18/2011*	*1/18/2011*	*1/18/2011*
	Result Unit:	*ppbv*	*ug/m3*	*ppbv*	*ug/m3*
Volatile Organic Compounds (Cont'd.)					
Chloromethane (Methyl chloride)		24 U	50 U	0.86 J	1.8 J
cis-1,2-Dichloroethene		100	410	0.31	1.2
cis-1,3-Dichloropropene		9.7 U	44 U	0.20 U	0.91 U
Cyclohexane		24 U	83 U	0.50 U	1.7 U
Dibromochloromethane		9.7 U	83 U	0.20 U	1.7 U
Dichlorodifluoromethane (CFC-12)		9.7 U	48 U	0.79 J	3.9 J
Ethanol		97 U	180 U	9.9	19
Ethylbenzene		9.7 U	42 U	4.7	20
Hexachlorobutadiene		9.7 U	100 U	0.20 U	2.1 U
Hexane		24 U	85 U	0.65	2.3
m&p-Xylenes		14	59	16	69
Methyl tert butyl ether (MTBE)		19 U	69 U	0.40 U	1.4 U
Methylene chloride		24 U	83 U	0.54	1.9
o-Xylene		9.7 U	42 U	3.6	16
Styrene		9.7 U	41 U	1.0	4.2
tert-Butyl alcohol		39 U	120 U	5.1	15
Tetrachloroethene		330	2200	1.1	7.3
Toluene		22	83	5.5	21
trans-1,2-Dichloroethene		22	88	0.20 U	0.79 U
trans-1,3-Dichloropropene		9.7 U	44 U	0.20 U	0.91 U
Trichloroethene		1900	10000	1.3	6.9
Trichlorofluoromethane (CFC-11)		9.7 U	54 U	0.38	2.1
Trifluorotrichloroethane (Freon 113)		9.7 U	74 U	0.20 U	1.5 U
Vinyl chloride		9.7 U	25 U	0.20 U	0.51 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
BCP INVESTIGATIONS, BUILDING 7 AIR
GM-LOCKPORT
LOCKPORT, NEW YORK
JANUARY 2011

Sample Location:	*7-VI-3SS*	*7-VI-3SS*	*7-VI-4IA*	*7-VI-4IA*
Sample ID:	*7-VI-3SS-011811-0917*	*7-VI-3SS-011811-0917*	*7-VI-4IA-011811-0759*	*7-VI-4IA-011811-0759*
Sample Date:	*1/18/2011*	*1/18/2011*	*1/18/2011*	*1/18/2011*
Result Unit:	*ppbv*	*ug/m3*	*ppbv*	*ug/m3*
Volatile Organic Compounds				
1,1,1-Trichloroethane	0.20 U	1.1 U	0.16 U	0.87 U
1,1,2,2-Tetrachloroethane	0.20 U	1.4 U	0.16 U	1.1 U
1,1,2-Trichloroethane	0.20 U	1.1 U	0.16 U	0.87 U
1,1-Dichloroethane	0.20 U	0.81 U	0.16 U	0.65 U
1,1-Dichloroethene	0.20 U	0.79 U	0.16 U	0.63 U
1,2,4-Trichlorobenzene	0.20 U	1.5 U	0.16 U	1.2 U
1,2,4-Trimethylbenzene	0.45	2.2	1.1	5.4
1,2-Dibromoethane (Ethylene dibromide)	0.20 U	1.5 U	0.16 U	1.2 U
1,2-Dichlorobenzene	0.20 U	1.2 U	0.16 U	0.96 U
1,2-Dichloroethane	0.20 U	0.81 U	0.16 U	0.65 U
1,2-Dichloropropane	0.20 U	0.92 U	0.16 U	0.74 U
1,2-Dichlorotetrafluoroethane (CFC 114)	0.20 U	1.4 U	0.16 U	1.1 U
1,3,5-Trimethylbenzene	0.29	1.4	0.48	2.3
1,3-Dichlorobenzene	0.53	3.2	0.16 U	0.96 U
1,4-Dichlorobenzene	0.20 U	1.2 U	3.1	19
1,4-Dioxane	5.8	21	0.40 U	1.4 U
2,2,4-Trimethylpentane	0.50 U	2.3 U	0.91	4.2
2-Butanone (Methyl ethyl ketone) (MEK)	15	43	12	36
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	8.4	34	2.2	9.1
Benzene	1.7	5.5	0.62	2.0
Benzyl chloride	0.40 U	2.1 U	0.32 U	1.7 U
Bromodichloromethane	3.1	21	0.16 U	1.1 U
Bromoform	0.20 U	2.1 U	0.16 U	1.7 U
Bromomethane (Methyl bromide)	0.20 U	0.78 U	0.16 U	0.62 U
Carbon tetrachloride	0.27	1.7	0.097	0.61
Chlorobenzene	0.20 U	0.92 U	0.16 U	0.74 U
Chloroethane	0.20 U	0.53 U	0.16 U	0.42 U
Chloroform (Trichloromethane)	21	100	0.16 U	0.78 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
BCP INVESTIGATIONS, BUILDING 7 AIR
GM-LOCKPORT
LOCKPORT, NEW YORK
JANUARY 2011

	Sample Location:	*7-VI-3SS*	*7-VI-3SS*	*7-VI-4IA*	*7-VI-4IA*
	Sample ID:	*7-VI-3SS-011811-0917*	*7-VI-3SS-011811-0917*	*7-VI-4IA-011811-0759*	*7-VI-4IA-011811-0759*
	Sample Date:	*1/18/2011*	*1/18/2011*	*1/18/2011*	*1/18/2011*
	Result Unit:	*ppbv*	*ug/m3*	*ppbv*	*ug/m3*
Volatile Organic Compounds (Cont'd.)					
Chloromethane (Methyl chloride)		0.74 J	1.5 J	0.74	1.5
cis-1,2-Dichloroethene		0.20 U	0.79 U	0.59	2.3
cis-1,3-Dichloropropene		0.20 U	0.91 U	0.16 U	0.73 U
Cyclohexane		1.5	5.1	0.40 U	1.4 U
Dibromochloromethane		0.20 U	1.7 U	0.16 U	1.4 U
Dichlorodifluoromethane (CFC-12)		0.56 J	2.8 J	0.75	3.7
Ethanol		190	360	70	130
Ethylbenzene		0.57	2.5	4.0	18
Hexachlorobutadiene		0.20 U	2.1 U	0.16 U	1.7 U
Hexane		3.5	12	0.53	1.9
m&p-Xylenes		1.3	5.7	14	59
Methyl tert butyl ether (MTBE)		0.40 U	1.4 U	0.32 U	1.2 U
Methylene chloride		0.50 U	1.7 U	0.59	2.0
o-Xylene		0.52	2.2	3.3	14
Styrene		0.20 U	0.85 U	1.1	4.5
tert-Butyl alcohol		24	72	4.0	12
Tetrachloroethene		43	290	0.99	6.7
Toluene		20	77	5.5	21
trans-1,2-Dichloroethene		0.20 U	0.79 U	0.16 U	0.63 U
trans-1,3-Dichloropropene		0.20 U	0.91 U	0.16 U	0.73 U
Trichloroethene		12	63	1.4	7.3
Trichlorofluoromethane (CFC-11)		0.33	1.8	0.60	3.3
Trifluorotrichloroethane (Freon 113)		0.20 U	1.5 U	0.16	1.2
Vinyl chloride		0.20 U	0.51 U	0.16 U	0.41 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
BCP INVESTIGATIONS, BUILDING 7 AIR
GM-LOCKPORT
LOCKPORT, NEW YORK
JANUARY 2011

Sample Location:	*7-VI-4SS*	*7-VI-4SS*	*7-VI-5IA*	*7-VI-5IA*
Sample ID:	*7-VI-4SS-011811-0801*	*7-VI-4SS-011811-0801*	*7-VI-5IA-011811-0805*	*7-VI-5IA-011811-0805*
Sample Date:	*1/18/2011*	*1/18/2011*	*1/18/2011*	*1/18/2011*
Result Unit:	*ppbv*	*ug/m3*	*ppbv*	*ug/m3*
Volatile Organic Compounds				
1,1,1-Trichloroethane	1.6 U	8.7 U	0.20 U	1.1 U
1,1,2,2-Tetrachloroethane	1.6 U	11 U	0.20 U	1.4 U
1,1,2-Trichloroethane	1.6 U	8.7 U	0.20 U	1.1 U
1,1-Dichloroethane	1.6 U	6.5 U	0.20 U	0.81 U
1,1-Dichloroethene	1.6 U	6.3 U	0.20 U	0.79 U
1,2,4-Trichlorobenzene	1.6 U	12 U	0.20 U	1.5 U
1,2,4-Trimethylbenzene	1.6 U	7.9 U	0.81	4.0
1,2-Dibromoethane (Ethylene dibromide)	1.6 U	12 U	0.20 U	1.5 U
1,2-Dichlorobenzene	1.6 U	9.6 U	0.20 U	1.2 U
1,2-Dichloroethane	1.6 U	6.5 U	0.20 U	0.81 U
1,2-Dichloropropane	1.6 U	7.4 U	0.20 U	0.92 U
1,2-Dichlorotetrafluoroethane (CFC 114)	1.6 U	11 U	0.20 U	1.4 U
1,3,5-Trimethylbenzene	1.6 U	7.9 U	0.35	1.7
1,3-Dichlorobenzene	1.6 U	9.6 U	0.20 U	1.2 U
1,4-Dichlorobenzene	1.6 U	9.6 U	1.1	6.7
1,4-Dioxane	4.0 U	14 U	0.50 U	1.8 U
2,2,4-Trimethylpentane	4.0 U	19 U	0.50 U	2.3 U
2-Butanone (Methyl ethyl ketone) (MEK)	22	65	7.3 J	21 J
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	4.0 U	16 U	1.9	7.6
Benzene	4.2	13	0.34	1.1
Benzyl chloride	3.2 U	17 U	0.40 U	2.1 U
Bromodichloromethane	1.6 U	11 U	0.20 U	1.3 U
Bromoform	1.6 U	17 U	0.20 UJ	2.1 UJ
Bromomethane (Methyl bromide)	1.6 U	6.2 U	0.20 U	0.78 U
Carbon tetrachloride	0.80 U	5.0 U	0.10 U	0.63 U
Chlorobenzene	1.6 U	7.4 U	0.20 U	0.92 U
Chloroethane	1.6 U	4.2 U	0.20 U	0.53 U
Chloroform (Trichloromethane)	2.6	13	0.20 U	0.98 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
BCP INVESTIGATIONS, BUILDING 7 AIR
GM-LOCKPORT
LOCKPORT, NEW YORK
JANUARY 2011

	Sample Location:	*7-VI-4SS*	*7-VI-4SS*	*7-VI-5IA*	*7-VI-5IA*
	Sample ID:	*7-VI-4SS-011811-0801*	*7-VI-4SS-011811-0801*	*7-VI-5IA-011811-0805*	*7-VI-5IA-011811-0805*
	Sample Date:	*1/18/2011*	*1/18/2011*	*1/18/2011*	*1/18/2011*
	Result Unit:	*ppbv*	*ug/m3*	*ppbv*	*ug/m3*
Volatile Organic Compounds (Cont'd.)					
Chloromethane (Methyl chloride)		4.0 U	8.3 U	0.50 U	1.0 U
cis-1,2-Dichloroethene		420	1700	0.22	0.86
cis-1,3-Dichloropropene		1.6 U	7.3 U	0.20 U	0.91 U
Cyclohexane		4.0	14	0.50 U	1.7 U
Dibromochloromethane		1.6 U	14 U	0.20 U	1.7 U
Dichlorodifluoromethane (CFC-12)		1.6 U	7.9 U	0.55	2.7
Ethanol		40	75	56	110
Ethylbenzene		4.8	21	3.5	15
Hexachlorobutadiene		1.6 U	17 U	0.20 U	2.1 U
Hexane		13	47	0.50 U	1.8 U
m&p-Xylenes		16	70	13	56
Methyl tert butyl ether (MTBE)		3.2 U	12 U	0.40 U	1.4 U
Methylene chloride		4.0 U	14 U	0.50 U	1.7 U
o-Xylene		3.3	14	2.8	12
Styrene		1.6 U	6.8 U	0.74	3.1
tert-Butyl alcohol		11	34	5.8	18
Tetrachloroethene		41	280	0.95	6.5
Toluene		46	170	4.0	15
trans-1,2-Dichloroethene		5.1	20	0.20 U	0.79 U
trans-1,3-Dichloropropene		1.6 U	7.3 U	0.20 U	0.91 U
Trichloroethene		430	2300	0.89	4.8
Trichlorofluoromethane (CFC-11)		1.6 U	9.0 U	1.3	7.1
Trifluorotrichloroethane (Freon 113)		1.6 U	12 U	0.20 U	1.5 U
Vinyl chloride		18	46	0.20 U	0.51 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
BCP INVESTIGATIONS, BUILDING 7 AIR
GM-LOCKPORT
LOCKPORT, NEW YORK
JANUARY 2011

	Sample Location:	*7-VI-5SS*	*7-VI-5SS*	*7-VI-6IA*	*7-VI-6IA*
	Sample ID:	*7-VI-5SS-011811-0806*	*7-VI-5SS-011811-0806*	*7-VI-6IA-011811-0808*	*7-VI-6IA-011811-0808*
	Sample Date:	*1/18/2011*	*1/18/2011*	*1/18/2011*	*1/18/2011*
	Result Unit:	*ppbv*	*ug/m3*	*ppbv*	*ug/m3*
Volatile Organic Compounds					
1,1,1-Trichloroethane		43 U	230 U	0.40 U	2.2 U
1,1,2,2-Tetrachloroethane		43 U	300 U	0.40 U	2.7 U
1,1,2-Trichloroethane		43 U	230 U	0.40 U	2.2 U
1,1-Dichloroethane		43 U	170 U	0.40 U	1.6 U
1,1-Dichloroethene		43 U	170 U	0.40 U	1.6 U
1,2,4-Trichlorobenzene		43 U	320 U	0.40 U	3.0 U
1,2,4-Trimethylbenzene		43 U	210 U	0.62	3.0
1,2-Dibromoethane (Ethylene dibromide)		43 U	330 U	0.40 U	3.1 U
1,2-Dichlorobenzene		43 U	260 U	0.40 U	2.4 U
1,2-Dichloroethane		43 U	170 U	0.40 U	1.6 U
1,2-Dichloropropane		43 U	200 U	0.40 U	1.8 U
1,2-Dichlorotetrafluoroethane (CFC 114)		43 U	300 U	0.40 U	2.8 U
1,3,5-Trimethylbenzene		43 U	210 U	0.40 U	2.0 U
1,3-Dichlorobenzene		43 U	260 U	0.40 U	2.4 U
1,4-Dichlorobenzene		43 U	260 U	0.67	4.0
1,4-Dioxane		110 U	400 U	1.0 U	3.6 U
2,2,4-Trimethylpentane		110 U	510 U	1.0 U	4.7 U
2-Butanone (Methyl ethyl ketone) (MEK)		170 UJ	500 UJ	16 J	47 J
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)		110 U	450 U	3.2	13
Benzene		43 U	140 U	0.40 U	1.3 U
Benzyl chloride		86 U	450 U	0.80 U	4.1 U
Bromodichloromethane		43 U	290 U	0.40 U	2.7 U
Bromoform		43 UJ	440 UJ	0.40 UJ	4.1 UJ
Bromomethane (Methyl bromide)		43 U	170 U	0.40 U	1.6 U
Carbon tetrachloride		21 U	130 U	0.20 U	1.3 U
Chlorobenzene		43 U	200 U	0.40 U	1.8 U
Chloroethane		43 U	110 U	0.40 U	1.1 U
Chloroform (Trichloromethane)		43 U	210 U	0.40 U	2.0 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
BCP INVESTIGATIONS, BUILDING 7 AIR
GM-LOCKPORT
LOCKPORT, NEW YORK
JANUARY 2011

	Sample Location:	*7-VI-5SS*	*7-VI-5SS*	*7-VI-6IA*	*7-VI-6IA*
	Sample ID:	*7-VI-5SS-011811-0806*	*7-VI-5SS-011811-0806*	*7-VI-6IA-011811-0808*	*7-VI-6IA-011811-0808*
	Sample Date:	*1/18/2011*	*1/18/2011*	*1/18/2011*	*1/18/2011*
	Result Unit:	*ppbv*	*ug/m3*	*ppbv*	*ug/m3*
Volatile Organic Compounds (Cont'd.)					
Chloromethane (Methyl chloride)		110 U	230 U	1.5	3.0
cis-1,2-Dichloroethene		79	310	0.40 U	1.6 U
cis-1,3-Dichloropropene		43 U	200 U	0.40 U	1.8 U
Cyclohexane		110 U	380 U	1.0 U	3.4 U
Dibromochloromethane		43 U	370 U	0.40 U	3.4 U
Dichlorodifluoromethane (CFC-12)		720	3600	0.86	4.2
Ethanol		430 U	810 U	260	480
Ethylbenzene		43 U	190 U	4.0	17
Hexachlorobutadiene		43 U	460 U	0.40 U	4.3 U
Hexane		110 U	390 U	1.0 U	3.5 U
m&p-Xylenes		43 U	190 U	14	59
Methyl tert butyl ether (MTBE)		86 U	310 U	0.80 U	2.9 U
Methylene chloride		110 U	380 U	1.0 U	3.5 U
o-Xylene		43 U	190 U	2.5	11
Styrene		43 U	180 U	0.58	2.5
tert-Butyl alcohol		170 U	520 U	9.7	29
Tetrachloroethene		110	760	1.4	9.6
Toluene		44	170	3.2	12
trans-1,2-Dichloroethene		43 U	170 U	0.40 U	1.6 U
trans-1,3-Dichloropropene		43 U	200 U	0.40 U	1.8 U
Trichloroethene		89	480	1.0	5.6
Trichlorofluoromethane (CFC-11)		43 U	240 U	2.1	12
Trifluorotrichloroethane (Freon 113)		8100	62000	0.40 U	3.1 U
Vinyl chloride		120	310	0.40 U	1.0 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
BCP INVESTIGATIONS, BUILDING 7 AIR
GM-LOCKPORT
LOCKPORT, NEW YORK
JANUARY 2011

	Sample Location:	*7-VI-6IA*	*7-VI-6IA*	*7-VI-6IA*	*7-VI-6IA*
	Sample ID:	*7-VI-DUP-011811-0809*	*7-VI-DUP-011811-0809*	*7-VI-6-IA-012011-0816*	*7-VI-6-IA-012011-0816*
	Sample Date:	*1/18/2011*	*1/18/2011*	*1/20/2011*	*1/20/2011*
	Result Unit:	*ppbv*	*ug/m3*	*ppbv*	*ug/m3*
Volatile Organic Compounds					
1,1,1-Trichloroethane		0.20 U	1.1 U	0.16 U	0.87 U
1,1,2,2-Tetrachloroethane		0.20 U	1.4 U	0.16 U	1.1 U
1,1,2-Trichloroethane		0.20 U	1.1 U	0.16 U	0.87 U
1,1-Dichloroethane		0.20 U	0.81 U	0.16 U	0.65 U
1,1-Dichloroethene		0.20 U	0.79 U	0.16 U	0.63 U
1,2,4-Trichlorobenzene		0.20 U	1.5 U	0.16 U	1.2 U
1,2,4-Trimethylbenzene		0.50	2.5	0.20	0.98
1,2-Dibromoethane (Ethylene dibromide)		0.20 U	1.5 U	0.16 U	1.2 U
1,2-Dichlorobenzene		0.20 U	1.2 U	0.16 U	0.96 U
1,2-Dichloroethane		0.20 U	0.81 U	0.16 U	0.65 U
1,2-Dichloropropane		0.20 U	0.92 U	0.16 U	0.74 U
1,2-Dichlorotetrafluoroethane (CFC 114)		0.20 U	1.4 U	0.16 U	1.1 U
1,3,5-Trimethylbenzene		0.29	1.4	0.16 U	0.79 U
1,3-Dichlorobenzene		0.20 U	1.2 U	0.16 U	0.96 U
1,4-Dichlorobenzene		0.52	3.1	0.16 U	0.96 U
1,4-Dioxane		0.50 U	1.8 U	0.40 U	1.4 U
2,2,4-Trimethylpentane		0.58	2.7	0.40 U	1.9 U
2-Butanone (Methyl ethyl ketone) (MEK)		4.8 J	14 J	0.64 U	1.9 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)		0.50 U	2.0 U	0.40 U	1.6 U
Benzene		0.49	1.6	0.59	1.9
Benzyl chloride		0.40 U	2.1 U	0.32 U	1.7 U
Bromodichloromethane		0.20 U	1.3 U	0.16 U	1.1 U
Bromoform		0.20 UJ	2.1 UJ	0.16 U	1.7 U
Bromomethane (Methyl bromide)		0.20 U	0.78 U	0.16 U	0.62 U
Carbon tetrachloride		0.10	0.64	0.081	0.51
Chlorobenzene		0.20 U	0.92 U	0.16 U	0.74 U
Chloroethane		0.20 U	0.53 U	0.16 U	0.42 U
Chloroform (Trichloromethane)		0.20 U	0.98 U	0.16 U	0.78 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
BCP INVESTIGATIONS, BUILDING 7 AIR
GM-LOCKPORT
LOCKPORT, NEW YORK
JANUARY 2011

	Sample Location:	*7-VI-6IA*	*7-VI-6IA*	*7-VI-6IA*	*7-VI-6IA*
	Sample ID:	*7-VI-DUP-011811-0809*	*7-VI-DUP-011811-0809*	*7-VI-6-IA-012011-0816*	*7-VI-6-IA-012011-0816*
	Sample Date:	*1/18/2011*	*1/18/2011*	*1/20/2011*	*1/20/2011*
	Result Unit:	*ppbv*	*ug/m3*	*ppbv*	*ug/m3*
Volatile Organic Compounds (Cont'd.)					
Chloromethane (Methyl chloride)		0.55	1.1	0.86 J	1.8 J
cis-1,2-Dichloroethene		0.20 U	0.79 U	0.29	1.2
cis-1,3-Dichloropropene		0.20 U	0.91 U	0.16 U	0.73 U
Cyclohexane		0.50 U	1.7 U	0.40 U	1.4 U
Dibromochloromethane		0.20 U	1.7 U	0.16 U	1.4 U
Dichlorodifluoromethane (CFC-12)		0.76	3.8	0.81 J	4.0 J
Ethanol		270	510	1.7	3.1
Ethylbenzene		5.1	22	0.36	1.6
Hexachlorobutadiene		0.20 U	2.1 U	0.16 U	1.7 U
Hexane		0.84	2.9	1.4	5.1
m&p-Xylenes		17	73	1.1	4.7
Methyl tert butyl ether (MTBE)		0.40 U	1.4 U	0.32 U	1.2 U
Methylene chloride		0.50 U	1.7 U	0.40 U	1.4 U
o-Xylene		3.3	14	0.32	1.4
Styrene		0.66	2.8	0.16 U	0.68 U
tert-Butyl alcohol		3.9	12	0.64 U	1.9 U
Tetrachloroethene		1.6	11	0.70	4.7
Toluene		5.0	19	3.6	13
trans-1,2-Dichloroethene		0.20 U	0.79 U	0.16 U	0.63 U
trans-1,3-Dichloropropene		0.20 U	0.91 U	0.16 U	0.73 U
Trichloroethene		1.3	7.2	0.65	3.5
Trichlorofluoromethane (CFC-11)		1.9	11	1.9	11
Trifluorotrichloroethane (Freon 113)		0.20 U	1.5 U	0.16 U	1.2 U
Vinyl chloride		0.20 U	0.51 U	0.16 U	0.41 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
BCP INVESTIGATIONS, BUILDING 7 AIR
GM-LOCKPORT
LOCKPORT, NEW YORK
JANUARY 2011

Sample Location:	*7-VI-6SS*	*7-VI-6SS*	*7-VI-7IA*	*7-VI-7IA*
Sample ID:	*7-VI-6-SS-012011-0815*	*7-VI-6-SS-012011-0815*	*7-VI-7IA-011811-0813*	*7-VI-7IA-011811-0813*
Sample Date:	*1/20/2011*	*1/20/2011*	*1/18/2011*	*1/18/2011*
Result Unit:	*ppbv*	*ug/m3*	*ppbv*	*ug/m3*
Volatile Organic Compounds				
1,1,1-Trichloroethane	0.16 U	0.87 U	0.20 U	1.1 U
1,1,2,2-Tetrachloroethane	0.16 U	1.1 U	0.20 U	1.4 U
1,1,2-Trichloroethane	0.16 U	0.87 U	0.20 U	1.1 U
1,1-Dichloroethane	0.16 U	0.65 U	0.20 U	0.81 U
1,1-Dichloroethene	0.16 U	0.63 U	0.20 U	0.79 U
1,2,4-Trichlorobenzene	0.16 U	1.2 U	0.20 U	1.5 U
1,2,4-Trimethylbenzene	0.16 U	0.79 U	1.6	7.6
1,2-Dibromoethane (Ethylene dibromide)	0.16 U	1.2 U	0.20 U	1.5 U
1,2-Dichlorobenzene	0.16 U	0.96 U	0.20 U	1.2 U
1,2-Dichloroethane	0.16 U	0.65 U	0.20 U	0.81 U
1,2-Dichloropropane	0.16 U	0.74 U	0.20 U	0.92 U
1,2-Dichlorotetrafluoroethane (CFC 114)	0.16 U	1.1 U	0.20 U	1.4 U
1,3,5-Trimethylbenzene	0.16 U	0.79 U	0.69	3.4
1,3-Dichlorobenzene	0.16 U	0.96 U	0.20 U	1.2 U
1,4-Dichlorobenzene	0.16 U	0.96 U	2.8	17
1,4-Dioxane	0.40 U	1.4 U	0.50 U	1.8 U
2,2,4-Trimethylpentane	0.40 U	1.9 U	1.6	7.5
2-Butanone (Methyl ethyl ketone) (MEK)	6.0 J	18 J	31	90
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	0.40 U	1.6 U	4.1	17
Benzene	0.32	1.0	0.71	2.3
Benzyl chloride	0.32 U	1.7 U	0.40 U	2.1 U
Bromodichloromethane	0.16 U	1.1 U	0.20 U	1.3 U
Bromoform	0.16 UJ	1.7 UJ	0.20 U	2.1 U
Bromomethane (Methyl bromide)	0.16 U	0.62 U	0.20 U	0.78 U
Carbon tetrachloride	0.080 U	0.50 U	0.10 U	0.63 U
Chlorobenzene	0.16 U	0.74 U	0.20 U	0.92 U
Chloroethane	0.16 U	0.42 U	0.20 U	0.53 U
Chloroform (Trichloromethane)	0.16 U	0.78 U	0.20 U	0.98 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
BCP INVESTIGATIONS, BUILDING 7 AIR
GM-LOCKPORT
LOCKPORT, NEW YORK
JANUARY 2011

	Sample Location:	*7-VI-6SS*	*7-VI-6SS*	*7-VI-7IA*	*7-VI-7IA*
	Sample ID:	*7-VI-6-SS-012011-0815*	*7-VI-6-SS-012011-0815*	*7-VI-7IA-011811-0813*	*7-VI-7IA-011811-0813*
	Sample Date:	*1/20/2011*	*1/20/2011*	*1/18/2011*	*1/18/2011*
	Result Unit:	*ppbv*	*ug/m3*	*ppbv*	*ug/m3*
Volatile Organic Compounds (Cont'd.)					
Chloromethane (Methyl chloride)		0.40 U	0.83 U	0.85 J	1.7 J
cis-1,2-Dichloroethene		0.51	2.0	0.34	1.3
cis-1,3-Dichloropropene		0.16 U	0.73 U	0.20 U	0.91 U
Cyclohexane		0.40 U	1.4 U	0.50 U	1.7 U
Dibromochloromethane		0.16 U	1.4 U	0.20 U	1.7 U
Dichlorodifluoromethane (CFC-12)		0.53	2.6	0.85 J	4.2 J
Ethanol		11	21	39	74
Ethylbenzene		0.16 U	0.69 U	8.9	39
Hexachlorobutadiene		0.16 U	1.7 U	0.20 U	2.1 U
Hexane		0.82	2.9	2.0	7.0
m&p-Xylenes		0.27	1.2	28	120
Methyl tert butyl ether (MTBE)		0.32 U	1.2 U	0.40 U	1.4 U
Methylene chloride		4.2	14	0.72	2.5
o-Xylene		0.16 U	0.69 U	5.2	23
Styrene		0.16 U	0.68 U	1.5	6.2
tert-Butyl alcohol		2.1	6.2	11	34
Tetrachloroethene		1.8	12	2.3	16
Toluene		1.0	3.9	7.3	27
trans-1,2-Dichloroethene		0.16 U	0.63 U	0.20 U	0.79 U
trans-1,3-Dichloropropene		0.16 U	0.73 U	0.20 U	0.91 U
Trichloroethene		31	160	1.9	10
Trichlorofluoromethane (CFC-11)		0.88	4.9	1.8	10
Trifluorotrichloroethane (Freon 113)		0.99	7.6	0.20 U	1.5 U
Vinyl chloride		0.16 U	0.41 U	0.20 U	0.51 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
BCP INVESTIGATIONS, BUILDING 7 AIR
GM-LOCKPORT
LOCKPORT, NEW YORK
JANUARY 2011

Sample Location:	*7-VI-7SS*	*7-VI-7SS*	*7-VI-8IA*	*7-VI-8IA*
Sample ID:	*7-VI-7SS-011811-0814*	*7-VI-7SS-011811-0814*	*7-VI-8IA-011811-0816*	*7-VI-8IA-011811-0816*
Sample Date:	*1/18/2011*	*1/18/2011*	*1/18/2011*	*1/18/2011*
Result Unit:	*ppbv*	*ug/m3*	*ppbv*	*ug/m3*
Volatile Organic Compounds				
1,1,1-Trichloroethane	1900 U	10000 U	0.43 U	2.3 U
1,1,2,2-Tetrachloroethane	1900 U	13000 U	0.43 U	3.0 U
1,1,2-Trichloroethane	1900 U	10000 U	0.43 U	2.3 U
1,1-Dichloroethane	1900 U	7700 U	0.43 U	1.7 U
1,1-Dichloroethene	2000	7900	0.43 U	1.7 U
1,2,4-Trichlorobenzene	1900 U	14000 U	0.43 U	3.2 U
1,2,4-Trimethylbenzene	1900 U	9300 U	2.3	11
1,2-Dibromoethane (Ethylene dibromide)	1900 U	15000 U	0.43 U	3.3 U
1,2-Dichlorobenzene	1900 U	11000 U	0.43 U	2.6 U
1,2-Dichloroethane	1900 U	7700 U	0.43 U	1.7 U
1,2-Dichloropropane	1900 U	8800 U	0.43 U	2.0 U
1,2-Dichlorotetrafluoroethane (CFC 114)	1900 U	13000 U	0.43 U	3.0 U
1,3,5-Trimethylbenzene	1900 U	9300 U	1.0	5.0
1,3-Dichlorobenzene	1900 U	11000 U	0.43 U	2.6 U
1,4-Dichlorobenzene	1900 U	11000 U	7.6	46
1,4-Dioxane	4800 U	17000 U	1.1 U	4.0 U
2,2,4-Trimethylpentane	4800 U	22000 U	1.5	7.2
2-Butanone (Methyl ethyl ketone) (MEK)	7700 UJ	23000 UJ	36	110
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	4800 U	20000 U	6.2	25
Benzene	1900 U	6100 U	1.1	3.6
Benzyl chloride	3800 U	20000 U	0.86 U	4.5 U
Bromodichloromethane	1900 U	13000 U	0.43 U	2.9 U
Bromoform	1900 UJ	20000 UJ	0.43 U	4.4 U
Bromomethane (Methyl bromide)	1900 U	7400 U	0.43 U	1.7 U
Carbon tetrachloride	960 U	6000 U	0.22 U	1.4 U
Chlorobenzene	1900 U	8700 U	0.43 U	2.0 U
Chloroethane	1900 U	5000 U	1.6	4.2
Chloroform (Trichloromethane)	1900 U	9300 U	0.43 U	2.1 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
BCP INVESTIGATIONS, BUILDING 7 AIR
GM-LOCKPORT
LOCKPORT, NEW YORK
JANUARY 2011

	Sample Location:	*7-VI-7SS*	*7-VI-7SS*	*7-VI-8IA*	*7-VI-8IA*
	Sample ID:	*7-VI-7SS-011811-0814*	*7-VI-7SS-011811-0814*	*7-VI-8IA-011811-0816*	*7-VI-8IA-011811-0816*
	Sample Date:	*1/18/2011*	*1/18/2011*	*1/18/2011*	*1/18/2011*
	Result Unit:	*ppbv*	*ug/m3*	*ppbv*	*ug/m3*
Volatile Organic Compounds (Cont'd.)					
Chloromethane (Methyl chloride)		4800 U	9900 U	2.4 J	5.0 J
cis-1,2-Dichloroethene		610000	2400000	8.6	34
cis-1,3-Dichloropropene		1900 U	8600 U	0.43 U	2.0 U
Cyclohexane		4800 U	17000 U	1.1 U	3.8 U
Dibromochloromethane		1900 U	16000 U	0.43 U	3.7 U
Dichlorodifluoromethane (CFC-12)		1900 U	9400 U	0.67	3.3
Ethanol		19000 U	36000 U	550	1000
Ethylbenzene		1900 U	8300 U	9.1	39
Hexachlorobutadiene		1900 U	20000 U	0.43 U	4.6 U
Hexane		4800 U	17000 U	4.9	17
m&p-Xylenes		1900 U	8300 U	32	140
Methyl tert butyl ether (MTBE)		3800 U	14000 U	0.86 U	3.1 U
Methylene chloride		4800 U	17000 U	1.7	5.8
o-Xylene		1900 U	8300 U	7.2	31
Styrene		1900 U	8100 U	1.4	6.0
tert-Butyl alcohol		7700 U	23000 U	7.0	21
Tetrachloroethene		1100000	7600000	34	230
Toluene		1900 U	7200 U	9.3	35
trans-1,2-Dichloroethene		4000	16000	0.43 U	1.7 U
trans-1,3-Dichloropropene		1900 U	8600 U	0.43 U	2.0 U
Trichloroethene		340000	1800000	9.9	53
Trichlorofluoromethane (CFC-11)		1900 U	11000 U	0.78	4.4
Trifluorotrichloroethane (Freon 113)		1900 U	15000 U	0.43 U	3.3 U
Vinyl chloride		9400	24000	0.43 U	1.1 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
BCP INVESTIGATIONS, BUILDING 7 AIR
GM-LOCKPORT
LOCKPORT, NEW YORK
JANUARY 2011

Sample Location:	*7-VI-8SS*	*7-VI-8SS*	*7-VI-9IA*	*7-VI-9IA*
Sample ID:	*7-VI-8SS-011811-0817*	*7-VI-8SS-011811-0817*	*7-VI-9IA-011811-0819*	*7-VI-9IA-011811-0819*
Sample Date:	*1/18/2011*	*1/18/2011*	*1/18/2011*	*1/18/2011*
Result Unit:	*ppbv*	*ug/m3*	*ppbv*	*ug/m3*
Volatile Organic Compounds				
1,1,1-Trichloroethane	41 U	220 U	0.080 U	0.44 U
1,1,2,2-Tetrachloroethane	41 U	280 U	0.080 U	0.55 U
1,1,2-Trichloroethane	41 U	220 U	0.080 U	0.44 U
1,1-Dichloroethane	41 U	170 U	0.080 U	0.32 U
1,1-Dichloroethene	41 U	160 U	0.080 U	0.32 U
1,2,4-Trichlorobenzene	41 U	300 U	0.080 U	0.59 U
1,2,4-Trimethylbenzene	41 U	200 U	0.080 U	0.39 U
1,2-Dibromoethane (Ethylene dibromide)	41 U	320 U	0.080 U	0.61 U
1,2-Dichlorobenzene	41 U	250 U	0.080 U	0.48 U
1,2-Dichloroethane	41 U	170 U	0.080 U	0.32 U
1,2-Dichloropropane	41 U	190 U	0.080 U	0.37 U
1,2-Dichlorotetrafluoroethane (CFC 114)	41 U	290 U	0.080 U	0.56 U
1,3,5-Trimethylbenzene	41 U	200 U	0.080 U	0.39 U
1,3-Dichlorobenzene	41 U	250 U	0.080 U	0.48 U
1,4-Dichlorobenzene	41 U	250 U	0.080 U	0.48 U
1,4-Dioxane	100 U	360 U	0.20 U	0.72 U
2,2,4-Trimethylpentane	100 U	470 U	0.23	1.1
2-Butanone (Methyl ethyl ketone) (MEK)	160 U	470 U	0.32 U	0.94 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	100 U	410 U	0.20 U	0.82 U
Benzene	41 U	130 U	0.54	1.7
Benzyl chloride	81 U	420 U	0.16 U	0.83 U
Bromodichloromethane	41 U	270 U	0.080 U	0.54 U
Bromoform	41 U	420 U	0.080 U	0.83 U
Bromomethane (Methyl bromide)	41 U	160 U	0.080 U	0.31 U
Carbon tetrachloride	20 U	130 U	0.081	0.51
Chlorobenzene	41 U	190 U	0.080 U	0.37 U
Chloroethane	41 U	110 U	0.88	2.3
Chloroform (Trichloromethane)	180	890	0.080 U	0.39 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
BCP INVESTIGATIONS, BUILDING 7 AIR
GM-LOCKPORT
LOCKPORT, NEW YORK
JANUARY 2011

	Sample Location:	*7-VI-8SS*	*7-VI-8SS*	*7-VI-9IA*	*7-VI-9IA*
	Sample ID:	*7-VI-8SS-011811-0817*	*7-VI-8SS-011811-0817*	*7-VI-9IA-011811-0819*	*7-VI-9IA-011811-0819*
	Sample Date:	*1/18/2011*	*1/18/2011*	*1/18/2011*	*1/18/2011*
	Result Unit:	*ppbv*	*ug/m3*	*ppbv*	*ug/m3*
Volatile Organic Compounds (Cont'd.)					
Chloromethane (Methyl chloride)		100 U	210 U	1.2 J	2.5 J
cis-1,2-Dichloroethene		500	2000	0.49	1.9
cis-1,3-Dichloropropene		41 U	190 U	0.080 U	0.36 U
Cyclohexane		100 U	340 U	0.20 U	0.69 U
Dibromochloromethane		41 U	350 U	0.080 U	0.68 U
Dichlorodifluoromethane (CFC-12)		41 U	200 U	0.64 J	3.1 J
Ethanol		410 U	770 U	0.90	1.7
Ethylbenzene		41 U	180 U	0.25	1.1
Hexachlorobutadiene		41 U	440 U	0.080 U	0.85 U
Hexane		100 U	350 U	0.57	2.0
m&p-Xylenes		41 U	180 U	0.45	2.0
Methyl tert butyl ether (MTBE)		81 U	290 U	0.16 U	0.58 U
Methylene chloride		100 U	350 U	0.44	1.5
o-Xylene		41 U	180 U	0.080 U	0.35 U
Styrene		41 U	170 U	0.080 U	0.34 U
tert-Butyl alcohol		160 U	490 U	0.32 U	0.97 U
Tetrachloroethene		10000	70000	0.80	5.4
Toluene		41 U	150 U	1.1	4.0
trans-1,2-Dichloroethene		110	450	0.080 U	0.32 U
trans-1,3-Dichloropropene		41 U	190 U	0.080 U	0.36 U
Trichloroethene		2900	16000	1.1	5.8
Trichlorofluoromethane (CFC-11)		41 U	230 U	0.50	2.8
Trifluorotrichloroethane (Freon 113)		41 U	310 U	0.098	0.75
Vinyl chloride		41 U	100 U	0.095	0.24

TABLE 3

ANALYTICAL RESULTS SUMMARY
BCP INVESTIGATIONS, BUILDING 7 AIR
GM-LOCKPORT
LOCKPORT, NEW YORK
JANUARY 2011

Sample Location:	*7-VI-9SS*	*7-VI-9SS*	*7-VI-10IA*	*7-VI-10IA*
Sample ID:	*7-VI-9SS-011811-0820*	*7-VI-9SS-011811-0820*	*7-VI-10IA-011811-0823*	*7-VI-10IA-011811-0823*
Sample Date:	*1/18/2011*	*1/18/2011*	*1/18/2011*	*1/18/2011*
Result Unit:	*ppbv*	*ug/m3*	*ppbv*	*ug/m3*
Volatile Organic Compounds				
1,1,1-Trichloroethane	3.6 U	20 U	0.80 U	4.4 U
1,1,2,2-Tetrachloroethane	3.6 U	25 U	0.80 U	5.5 U
1,1,2-Trichloroethane	3.6 U	20 U	0.80 U	4.4 U
1,1-Dichloroethane	6.2	25	0.80 U	3.2 U
1,1-Dichloroethene	33	130	0.80 U	3.2 U
1,2,4-Trichlorobenzene	3.6 U	27 U	0.80 U	5.9 U
1,2,4-Trimethylbenzene	3.6 U	18 U	0.80 U	3.9 U
1,2-Dibromoethane (Ethylene dibromide)	3.6 U	28 U	0.80 U	6.1 U
1,2-Dichlorobenzene	3.6 U	22 U	0.80 U	4.8 U
1,2-Dichloroethane	3.6 U	15 U	0.80 U	3.2 U
1,2-Dichloropropane	3.6 U	17 U	0.80 U	3.7 U
1,2-Dichlorotetrafluoroethane (CFC 114)	3.6 U	25 U	0.80 U	5.6 U
1,3,5-Trimethylbenzene	3.6 U	18 U	0.80 U	3.9 U
1,3-Dichlorobenzene	3.6 U	22 U	0.80 U	4.8 U
1,4-Dichlorobenzene	3.6 U	22 U	0.80 U	4.8 U
1,4-Dioxane	9.1 U	33 U	2.0 U	7.2 U
2,2,4-Trimethylpentane	9.1 U	43 U	2.0 U	9.3 U
2-Butanone (Methyl ethyl ketone) (MEK)	24	70	23	69
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	9.1 U	37 U	2.0 U	8.2 U
Benzene	3.6 U	12 U	0.80 U	2.6 U
Benzyl chloride	7.3 U	38 U	1.6 U	8.3 U
Bromodichloromethane	3.6 U	24 U	0.80 U	5.4 U
Bromoform	3.6 U	37 U	0.80 U	8.3 U
Bromomethane (Methyl bromide)	3.6 U	14 U	0.80 U	3.1 U
Carbon tetrachloride	1.8 U	11 U	0.40 U	2.5 U
Chlorobenzene	3.6 U	17 U	0.80 U	3.7 U
Chloroethane	3.6 U	9.5 U	0.80 U	2.1 U
Chloroform (Trichloromethane)	43	210	0.80 U	3.9 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
BCP INVESTIGATIONS, BUILDING 7 AIR
GM-LOCKPORT
LOCKPORT, NEW YORK
JANUARY 2011

	Sample Location:	*7-VI-9SS*	*7-VI-9SS*	*7-VI-10IA*	*7-VI-10IA*
	Sample ID:	*7-VI-9SS-011811-0820*	*7-VI-9SS-011811-0820*	*7-VI-10IA-011811-0823*	*7-VI-10IA-011811-0823*
	Sample Date:	*1/18/2011*	*1/18/2011*	*1/18/2011*	*1/18/2011*
	Result Unit:	*ppbv*	*ug/m3*	*ppbv*	*ug/m3*
Volatile Organic Compounds (Cont'd.)					
Chloromethane (Methyl chloride)		9.1 UJ	19 UJ	2.0 UJ	4.1 UJ
cis-1,2-Dichloroethene		260	1000	0.80 U	3.2 U
cis-1,3-Dichloropropene		3.6 U	16 U	0.80 U	3.6 U
Cyclohexane		9.1 U	31 U	2.0 U	6.9 U
Dibromochloromethane		3.6 U	31 U	0.80 U	6.8 U
Dichlorodifluoromethane (CFC-12)		6.0 J	29 J	0.80 UJ	4.0 UJ
Ethanol		36 U	68 U	8.0 U	15 U
Ethylbenzene		6.1	27	6.4	28
Hexachlorobutadiene		3.6 U	38 U	0.80 U	8.5 U
Hexane		9.1 U	32 U	2.0 U	7.0 U
m&p-Xylenes		20	89	20	85
Methyl tert butyl ether (MTBE)		7.3 U	26 U	1.6 U	5.8 U
Methylene chloride		9.1 U	32 U	2.0 U	6.9 U
o-Xylene		3.6 U	16 U	3.0	13
Styrene		3.6 U	15 U	0.80 U	3.4 U
tert-Butyl alcohol		15 U	45 U	9.1	27
Tetrachloroethene		1600	11000	2.0	13
Toluene		25	95	5.0	19
trans-1,2-Dichloroethene		330	1300	0.80 U	3.2 U
trans-1,3-Dichloropropene		3.6 U	16 U	0.80 U	3.6 U
Trichloroethene		240	1300	1.5	7.9
Trichlorofluoromethane (CFC-11)		3.6 U	20 U	0.80 U	4.5 U
Trifluorotrichloroethane (Freon 113)		7.3	56	0.80 U	6.1 U
Vinyl chloride		6.1	16	0.80 U	2.0 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
BCP INVESTIGATIONS, BUILDING 7 AIR
GM-LOCKPORT
LOCKPORT, NEW YORK
JANUARY 2011

Sample Location:	*7-VI-10SS*	*7-VI-10SS*	*7-VI-11IA*	*7-VI-11IA*
Sample ID:	*7-VI-10SS-011811-0824*	*7-VI-10SS-011811-0824*	*7-VI-11IA-011811-0826*	*7-VI-11IA-011811-0826*
Sample Date:	*1/18/2011*	*1/18/2011*	*1/18/2011*	*1/18/2011*
Result Unit:	*ppbv*	*ug/m3*	*ppbv*	*ug/m3*
Volatile Organic Compounds				
1,1,1-Trichloroethane	0.40 U	2.2 U	0.16 U	0.87 U
1,1,2,2-Tetrachloroethane	0.40 U	2.7 U	0.16 U	1.1 U
1,1,2-Trichloroethane	0.40 U	2.2 U	0.16 U	0.87 U
1,1-Dichloroethane	0.40 U	1.6 U	0.16 U	0.65 U
1,1-Dichloroethene	0.40 U	1.6 U	0.16 U	0.63 U
1,2,4-Trichlorobenzene	0.40 U	3.0 U	0.16 U	1.2 U
1,2,4-Trimethylbenzene	1.9	9.2	0.74	3.6
1,2-Dibromoethane (Ethylene dibromide)	0.40 U	3.1 U	0.16 U	1.2 U
1,2-Dichlorobenzene	0.40 U	2.4 U	0.16 U	0.96 U
1,2-Dichloroethane	0.40 U	1.6 U	0.16 U	0.65 U
1,2-Dichloropropane	0.40 U	1.8 U	0.16 U	0.74 U
1,2-Dichlorotetrafluoroethane (CFC 114)	0.40 U	2.8 U	0.16 U	1.1 U
1,3,5-Trimethylbenzene	0.69	3.4	0.40	1.9
1,3-Dichlorobenzene	0.40 U	2.4 U	0.16 U	0.96 U
1,4-Dichlorobenzene	3.8	23	2.1	13
1,4-Dioxane	1.0 U	3.6 U	0.40 U	1.4 U
2,2,4-Trimethylpentane	1.0 U	4.7 U	1.3	6.0
2-Butanone (Methyl ethyl ketone) (MEK)	6.1	18	27	80
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	1.7	7.0	4.4	18
Benzene	0.66	2.1	0.51	1.6
Benzyl chloride	0.80 U	4.1 U	0.32 U	1.7 U
Bromodichloromethane	0.40 U	2.7 U	0.16 U	1.1 U
Bromoform	0.40 U	4.1 U	0.16 U	1.7 U
Bromomethane (Methyl bromide)	0.40 U	1.6 U	0.16 U	0.62 U
Carbon tetrachloride	0.20 U	1.3 U	0.094	0.59
Chlorobenzene	0.40 U	1.8 U	0.16 U	0.74 U
Chloroethane	0.40 U	1.1 U	0.16 U	0.42 U
Chloroform (Trichloromethane)	0.85	4.2	0.16 U	0.78 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
BCP INVESTIGATIONS, BUILDING 7 AIR
GM-LOCKPORT
LOCKPORT, NEW YORK
JANUARY 2011

	Sample Location:	*7-VI-10SS*	*7-VI-10SS*	*7-VI-11IA*	*7-VI-11IA*
	Sample ID:	*7-VI-10SS-011811-0824*	*7-VI-10SS-011811-0824*	*7-VI-11IA-011811-0826*	*7-VI-11IA-011811-0826*
	Sample Date:	*1/18/2011*	*1/18/2011*	*1/18/2011*	*1/18/2011*
	Result Unit:	*ppbv*	*ug/m3*	*ppbv*	*ug/m3*
Volatile Organic Compounds (Cont'd.)					
Chloromethane (Methyl chloride)		1.0 UJ	2.1 UJ	0.78 J	1.6 J
cis-1,2-Dichloroethene		0.40 U	1.6 U	0.16 U	0.63 U
cis-1,3-Dichloropropene		0.40 U	1.8 U	0.16 U	0.73 U
Cyclohexane		1.0 U	3.4 U	0.40 U	1.4 U
Dibromochloromethane		0.40 U	3.4 U	0.16 U	1.4 U
Dichlorodifluoromethane (CFC-12)		0.62 J	3.1 J	0.70 J	3.5 J
Ethanol		4.0 U	7.5 U	3.4	6.4
Ethylbenzene		4.4	19	5.1	22
Hexachlorobutadiene		0.40 U	4.3 U	0.16 U	1.7 U
Hexane		1.7	6.0	0.61	2.2
m&p-Xylenes		16	71	16	70
Methyl tert butyl ether (MTBE)		0.80 U	2.9 U	0.32 U	1.2 U
Methylene chloride		1.0 U	3.5 U	1.2	4.1
o-Xylene		4.5	20	3.3	14
Styrene		1.2	5.0	0.68	2.9
tert-Butyl alcohol		4.7	14	8.9	27
Tetrachloroethene		17	110	1.2	8.2
Toluene		57	210	5.1	19
trans-1,2-Dichloroethene		0.40 U	1.6 U	0.16 U	0.63 U
trans-1,3-Dichloropropene		0.40 U	1.8 U	0.16 U	0.73 U
Trichloroethene		3.1	17	1.2	6.5
Trichlorofluoromethane (CFC-11)		0.40 U	2.2 U	0.41	2.3
Trifluorotrichloroethane (Freon 113)		0.62	4.8	0.16 U	1.2 U
Vinyl chloride		0.40 U	1.0 U	0.16 U	0.41 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
BCP INVESTIGATIONS, BUILDING 7 AIR
GM-LOCKPORT
LOCKPORT, NEW YORK
JANUARY 2011

Sample Location:	*7-VI-11SS*	*7-VI-11SS*	*7-VI-OUT*	*7-VI-OUT*
Sample ID:	*7-VI-11SS-011811-0827*	*7-VI-11SS-011811-0827*	*7-VI-OUT-011811-0730*	*7-VI-OUT-011811-0730*
Sample Date:	*1/18/2011*	*1/18/2011*	*1/18/2011*	*1/18/2011*
Result Unit:	*ppbv*	*ug/m3*	*ppbv*	*ug/m3*
Volatile Organic Compounds				
1,1,1-Trichloroethane	0.20 U	1.1 U	0.16 U	0.87 U
1,1,2,2-Tetrachloroethane	0.20 U	1.4 U	0.16 U	1.1 U
1,1,2-Trichloroethane	0.20 U	1.1 U	0.16 U	0.87 U
1,1-Dichloroethane	0.20 U	0.81 U	0.16 U	0.65 U
1,1-Dichloroethene	0.20 U	0.79 U	0.16 U	0.63 U
1,2,4-Trichlorobenzene	0.20 U	1.5 U	0.16 U	1.2 U
1,2,4-Trimethylbenzene	2.0	10.0	0.16 U	0.79 U
1,2-Dibromoethane (Ethylene dibromide)	0.20 U	1.5 U	0.16 U	1.2 U
1,2-Dichlorobenzene	0.20 U	1.2 U	0.16 U	0.96 U
1,2-Dichloroethane	0.20 U	0.81 U	0.16 U	0.65 U
1,2-Dichloropropane	0.20 U	0.92 U	0.16 U	0.74 U
1,2-Dichlorotetrafluoroethane (CFC 114)	0.20 U	1.4 U	0.16 U	1.1 U
1,3,5-Trimethylbenzene	0.73	3.6	0.16 U	0.79 U
1,3-Dichlorobenzene	0.20 U	1.2 U	0.16 U	0.96 U
1,4-Dichlorobenzene	3.9	24	0.16 U	0.96 U
1,4-Dioxane	0.50 U	1.8 U	0.53	1.9
2,2,4-Trimethylpentane	0.54	2.5	0.40 U	1.9 U
2-Butanone (Methyl ethyl ketone) (MEK)	7.7 J	23 J	4.5	13
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	2.2	9.0	1.5	6.2
Benzene	0.64	2.1	0.27	0.87
Benzyl chloride	0.40 U	2.1 U	0.32 U	1.7 U
Bromodichloromethane	0.20 U	1.3 U	0.16 U	1.1 U
Bromoform	0.20 UJ	2.1 UJ	0.16 U	1.7 U
Bromomethane (Methyl bromide)	0.20 U	0.78 U	0.16 U	0.62 U
Carbon tetrachloride	0.11	0.70	0.080 U	0.50 U
Chlorobenzene	0.20 U	0.92 U	0.16 U	0.74 U
Chloroethane	0.20 U	0.53 U	0.16 U	0.42 U
Chloroform (Trichloromethane)	0.20 U	0.98 U	0.16 U	0.78 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
BCP INVESTIGATIONS, BUILDING 7 AIR
GM-LOCKPORT
LOCKPORT, NEW YORK
JANUARY 2011

Sample Location:	*7-VI-11SS*	*7-VI-11SS*	*7-VI-OUT*	*7-VI-OUT*
Sample ID:	*7-VI-11SS-011811-0827*	*7-VI-11SS-011811-0827*	*7-VI-OUT-011811-0730*	*7-VI-OUT-011811-0730*
Sample Date:	*1/18/2011*	*1/18/2011*	*1/18/2011*	*1/18/2011*
Result Unit:	*ppbv*	*ug/m3*	*ppbv*	*ug/m3*
Volatile Organic Compounds (Cont'd.)				
Chloromethane (Methyl chloride)	0.50 U	1.0 U	0.76	1.6
cis-1,2-Dichloroethene	1.6	6.4	0.16 U	0.63 U
cis-1,3-Dichloropropene	0.20 U	0.91 U	0.16 U	0.73 U
Cyclohexane	0.71	2.5	0.40 U	1.4 U
Dibromochloromethane	0.20 U	1.7 U	0.16 U	1.4 U
Dichlorodifluoromethane (CFC-12)	0.58	2.9	0.57	2.8
Ethanol	14	27	120	220
Ethylbenzene	4.4	19	0.16 U	0.69 U
Hexachlorobutadiene	0.20 U	2.1 U	0.16 U	1.7 U
Hexane	1.9	6.7	0.52	1.8
m&p-Xylenes	17	74	0.16 U	0.69 U
Methyl tert butyl ether (MTBE)	0.40 U	1.4 U	0.32 U	1.2 U
Methylene chloride	0.50 U	1.7 U	0.40 U	1.4 U
o-Xylene	4.3	18	0.16 U	0.69 U
Styrene	1.0	4.4	0.16 U	0.68 U
tert-Butyl alcohol	6.4	19	6.3	19
Tetrachloroethene	29	200	0.19	1.3
Toluene	41	150	7.2	27
trans-1,2-Dichloroethene	0.20 U	0.79 U	0.16 U	0.63 U
trans-1,3-Dichloropropene	0.20 U	0.91 U	0.16 U	0.73 U
Trichloroethene	2.8	15	0.20	1.0
Trichlorofluoromethane (CFC-11)	0.31	1.7	0.25	1.4
Trifluorotrichloroethane (Freon 113)	0.20 U	1.5 U	0.16 U	1.2 U
Vinyl chloride	0.20 U	0.51 U	0.16 U	0.41 U

Notes:

U - Not present at or above the associated value.

TABLE 4

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING INITIAL CALIBRATION RESULTS
BCP INVESTIGATIONS, BUILDING 7 AIR
GM-LOCKPORT
LOCKPORT, NEW YORK
JANUARY 2011

Parameter	*Compound*	*Calibration Date*	*RSD*	*Associated Sample ID*	*Qualified Sample Results*	*Units*
VOCs	1,2,4-Trichlorobenzene	12/06/10	36	8-VI-1IA-011811-0747	3.0 UJ	µg/m3
VOCs	2-Butanone	01/06/11	32	7-VI-11SS-011811-0827	23 J	µg/m3
				7-VI-5IA-011811-0805	21 J	µg/m3
				7-VI-5SS-011811-0806	500 UJ	µg/m3
				7-VI-6IA-011811-0808	47 J	µg/m3
				7-VI-6-SS-012011-0815	18 J	µg/m3
				7-VI-7SS-011811-0814	23000 UJ	µg/m3
				7-VI-DUP-011811-0809	14 J	µg/m3
VOCs	Bromoform	01/06/11	35	7-VI-11SS-011811-0827	2.1 UJ	µg/m3
				7-VI-5IA-011811-0805	2.1 UJ	µg/m3
				7-VI-5SS-011811-0806	440 UJ	µg/m3
				7-VI-6IA-011811-0808	4.1 UJ	µg/m3
				7-VI-6-SS-012011-0815	1.7 UJ	µg/m3
				7-VI-7SS-011811-0814	20000 UJ	µg/m3
				7-VI-DUP-011811-0809	2.1 UJ	µg/m3

Notes:

J Estimated.
RSD Relative Standard Deviation.
UJ Not detected, estimated reporting limit.
VOCs Volatile Organic Compounds.

TABLE 5

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING CONTINUING CALIBRATION RESULTS
BCP INVESTIGATIONS, BUILDING 7 AIR
GM-LOCKPORT
LOCKPORT, NEW YORK
JANUARY 2011

Parameter	*Calibration Date*	*Compound*	*%D*	*Associated Sample ID*	*Qualified Sample Results*	*Units*
VOCs	01/27/11	Carbon tetrachloride	31	8-VI-1IA-011811-0747	1.3 UJ	µg/m3
VOCs	01/28/11	1,3,5-Trimethylbenzene	34	8-VI-1SS-011811-0748	2.5 J	µg/m3
				8-VI-2IA-011811-0726	0.79 UJ	µg/m3
				8-VI-2SS-011811-0728	2.0 UJ	µg/m3
				8-VI-3IA-011811-0735	1.0 J	µg/m3
				8-VI-3SS-011811-0736	0.62 J	µg/m3
				8-VI-4IA-011811-0739	2.7 J	µg/m3
				8-VI-4SS-011811-0738	2.0 UJ	µg/m3
				8-VI-5IA-011811-0742	3.9 UJ	µg/m3
				8-VI-5SS-011811-0743	15000 UJ	µg/m3
				8-VI-DUP-011811-0838	2.5 J	µg/m3
				8-VI-OUT-011811-0735	0.79 UJ	µg/m3
VOCs	01/27/11	Chloromethane	33	7-VI-8IA-011811-0816	5.0 J	µg/m3
VOCs	01/30/11	Dichlorodifluoromethane	32	7-VI-10IA-011811-0823	4.0 UJ	µg/m3
				7-VI-10SS-011811-0824	3.1 J	µg/m3
				7-VI-11IA-011811-0826	3.5 J	µg/m3
				7-VI-3IA-011811-0918	3.9 J	µg/m3
				7-VI-3SS-011811-0917	2.8 J	µg/m3
				7-VI-6-IA-012011-0816	4.0 J	µg/m3
				7-VI-7IA-011811-0813	4.2 J	µg/m3
				7-VI-9IA-011811-0819	3.1 J	µg/m3
				7-VI-9SS-011811-0820	29 J	µg/m3

TABLE 5

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING CONTINUING CALIBRATION RESULTS
BCP INVESTIGATIONS, BUILDING 7 AIR
GM-LOCKPORT
LOCKPORT, NEW YORK
JANUARY 2011

Parameter	*Calibration Date*	*Compound*	*%D*	*Associated Sample ID*	*Qualified Sample Results*	*Units*
VOCs	01/30/11	Chloromethane	36	7-VI-10IA-011811-0823	4.1 UJ	µg/m3
				7-VI-10SS-011811-0824	2.1 UJ	µg/m3
				7-VI-11IA-011811-0826	1.6 J	µg/m3
				7-VI-3IA-011811-0918	1.8 J	µg/m3
				7-VI-3SS-011811-0917	1.5 J	µg/m3
				7-VI-6-IA-012011-0816	1.8 J	µg/m3
				7-VI-7IA-011811-0813	1.7 J	µg/m3
				7-VI-9IA-011811-0819	2.5 J	µg/m3
				7-VI-9SS-011811-0820	19 UJ	µg/m3
VOCs	01/26/11	2-Butanone	41	7-VI-11SS-011811-0827	23 J	µg/m3
				7-VI-5IA-011811-0805	21 J	µg/m3
				7-VI-7SS-011811-0814	23000 UJ	µg/m3
				7-VI-DUP-011811-0809	14 J	µg/m3
VOCs	01/30/11	2-Butanone	37	7-VI-5SS-011811-0806	500 UJ	µg/m3
				7-VI-6IA-011811-0808	47 J	µg/m3
				7-VI-6-SS-012011-0815	18 J	µg/m3

Notes:

%D Percent Difference.
J Estimated.
UJ Not detected, estimated reporting limit.
VOCs Volatile Organic Compounds.

TABLE 6

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING LABORATORY CONTROL SAMPLE RESULTS
BCP INVESTIGATIONS, BUILDING 7 AIR
GM-LOCKPORT
LOCKPORT, NEW YORK
JANUARY 2011

Parameter	*Compound*	*Percent Recovery*	*Control Limits (percent)*	*Associated Sample ID*	*Qualified Sample Results*	*Units*
VOCs	2-Butanone	59	60 - 140	7-VI-11SS-011811-0827	23 J	µg/m3
				7-VI-5IA-011811-0805	21 J	µg/m3
				7-VI-7SS-011811-0814	23000 UJ	µg/m3
				7-VI-DUP-011811-0809	14 J	µg/m3

Notes:

J Estimated.
UJ Not detected, estimated reporting limit.
VOCs Volatile Organic Compounds.

CONESTOGA-ROVERS & ASSOCIATES

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MEMORANDUM

TO: Denis Conley

REF. NO.: 058507-256005

FROM: Kathleen Willy/bjw/35 KW

DATE: July 7, 2011

E-Mail and Hard Copy if Requested

RE: **Data Quality Assessment and Validation**
BCP Investigations, Building 7 Groundwater
GM-Lockport
Lockport, New York
April 2011

INTRODUCTION

The following details a quality assessment and validation of the analytical data resulting from the April 2011, collection of groundwater samples from the GM Lockport Plant, Building 7 in Lockport, New York, in support of the BCP Investigations. The sample summary detailing sample identification, sample location, quality control (QC) samples, and analytical parameters is presented in Table 1. Sample analysis was completed at TestAmerica, Inc. (TestAmerica), in Amherst, NY, in accordance with the methodologies presented in Table 2. A summary of the validated results can be found in Table 3.

The QC criteria used to assess the data were established by the methods and with following guidance documents:

i) "USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review", United States Environmental Protection Agency (USEPA) 540/R-99/008, October 1999.

These guidelines are collectively referred to as "Guidelines" in this memorandum.

SAMPLE QUANTITATION

The laboratory reported detected concentrations of organic compounds below the laboratory's practical quantitation limit (PQL)/report limit (RL) but above the laboratory's method detection limit (MDL). The laboratory flagged these sample concentrations with a "J". These concentrations should be qualified as estimated (J) values unless qualified otherwise in this memorandum.

SAMPLE PRESERVATION AND HOLDING TIMES

Sample holding time periods and preservation requirements are summarized in the analytical methods. All sample extractions and/or analyses were performed within the specified holding times.

REGISTERED COMPANY FOR ISO 9001 ENGINEERING DESIGN

EQUAL EMPLOYMENT OPPORTUNITY EMPLOYER

All samples were properly preserved and cooled to 4°C(±2°C) after collection.

GAS CHROMATOGRAPHY/MASS SPECTROMETER (GC/MS) – TUNING AND MASS CALIBRATION (INSTRUMENT PERFORMANCE CHECK)

To ensure adequate mass resolution, identification, and to some degree, sensitivity; the performance of each GC/MS instrument used for VOC analysis was checked at the beginning of each 12-hour period using bromofluorobenzene (BFB). The resulting spectra must meet the criteria cited in the "Guidelines" before initiating an analysis sequence.

Instrument performance check data were reviewed. These tuning compounds were analyzed at the required frequency throughout the analyses. The results of all instrument performance checks were within the acceptance criteria, indicating acceptable instrument performance.

INITIAL CALIBRATION

Initial calibration data are used to demonstrate that each instrument is capable of generating acceptable quantitative data. A five point calibration curve containing all compounds of interest is analyzed to characterize instrument response for each over a specific concentration range.

Initial calibration criteria for organic analyses are evaluated against the following criteria:

i) GC/MS (all compounds) – must meet a minimum mean relative response factor (RRF) of 0.05.

ii) GC/MS (all compounds) – the percent relative standard deviation (%RSD) values must not exceed 30.0 percent or a minimum coefficient of determination (R^2) of 0.99 if quadratic equation calibration curves are used.

Calibration standards were analyzed at the required frequency and the results met the above criteria for linearity and sensitivity.

CONTINUING CALIBRATION

To ensure that each instrument was capable of producing acceptable quantitative data over the analysis period, continuing calibration standards must be analyzed every 12 hours. The following criteria are employed to evaluate the continuing calibration data:

i) GC/MS (all compounds) – must meet a minimum mean RRF of 0.05.

ii) GC/MS (all compounds) – the percent difference (%D) between the mean initial calibration RRF and the continuing calibration RRF must not exceed 25 percent.

iii) GC/MS (compounds determined by quadratic curve) – the percent drift between the true value and the continuing calibration value must not exceed 25 percent.

Calibration standards were analyzed at the required frequency and the results met the above criteria for instrument linearity and sensitivity.

METHOD BLANK SAMPLES

Method blank samples are prepared from a purified sample matrix and are processed concurrently with investigative samples to assess the presence and the magnitude of sample contamination introduced during sample analysis. Method blank samples are analyzed at a minimum frequency of one per analytical batch and target analytes should be non-detect.

Method blanks were analyzed at the recommended frequency and the results were non-detect for all analytes of interest with the exception of a low concentration of trichloroethene. All associated sample results with concentrations similar to that found in the method blank were qualified as non-detect (see Table 4). Sample results that were either non-detect or significantly greater than the concentration found in the method blank were not impacted and no qualification of the data was necessary.

SURROGATE COMPOUNDS

Individual sample performance for organic analyses was monitored by assessing the results of surrogate compound percent recoveries. Surrogate percent recoveries are reviewed against the laboratory developed control limits provided in the analytical report.

All surrogate recoveries met the method criteria, demonstrating acceptable analytical efficiency for these analyses.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE (MS/MSD) ANALYSES

To assess the long-term accuracy and precision of the analytical methods on various matrices, MS/MSD percent recoveries and relative percent differences (RPD) of the concentrations were determined. The organic MS/MSD percent recovery and RPD control limits are established by the laboratory. The inorganic control limits are defined by the methods and the "Guidelines", which require recoveries between 75 to 125 percent with RPDs less than 35 percent for soil samples.

All recoveries and RPDs were within laboratory acceptance limits for all analytes of interest indicating acceptable analytical accuracy and precision.

LABORATORY CONTROL SAMPLE (LCS)

The LCS analysis serves as a monitor of the overall performance in all steps of the sample analysis and are analyzed with each sample batch. The LCS percent recoveries were evaluated against method and laboratory established control limits.

All LCS recoveries were within acceptable limits indicating acceptable analytical accuracy.

INTERNAL STANDARD (IS) SUMMARIES

To correct for variability in the GC/MS response and sensitivity, IS compounds are added to all samples. All results are calculated as a ratio of the compound and associated IS response. Overall instrument stability and performance for VOC analyses were monitored using IS peak area and retention time (RT) data. The IS peak areas and RTs of the samples are required to meet the following criteria:

i) IS area counts must not vary by more than a factor of two (-50 percent to +100 percent) from the associated continuing calibration standard IS area counts.

ii) The RT of the IS must not vary by more than plus or minus 30 seconds from the associated continuing calibration standard.

A review of the internal standard data showed that the IS area counts and retention time data were within the acceptance criteria.

TARGET COMPOUND IDENTIFICATION

To minimize erroneous compound identification during organic analyses, qualitative criteria including compound retention time and mass spectra (if applicable) were evaluated according to identification criteria established by the methods. The organic compounds reported adhered to the specified identification criteria.

TARGET COMPOUND QUANTITATION

The reported quantitation results and detection limits were checked to ensure results reported were accurate. No discrepancies were found between the raw data and the sample results reported by the laboratory.

FIELD QUALITY ASSURANCE/QUALITY CONTROL (QA/QC)

The field QA/QC consisted of a field duplicate, an equipment blank, and a trip blank.

A trip blank was submitted and analyzed with VOC samples to evaluate the possibility of cross-contamination during sample shipment and storage. All VOC results were non-detect for the compounds of interest indicating contamination was not a problem during transport and analysis.

To assess the cleanliness of sample containers and the presence of field contamination, the equipment blank sample identified in Table 1 was collected and analyzed.

All equipment blank results were non-detect for the analytes of interest.

Overall precision for the sampling event and laboratory procedures was monitored using the results of the field duplicate sample sets. The RPDs associated with these duplicate samples must be less than 50 percent

for water. If the reported concentration in either the investigative sample or its duplicate is less than five times the RL, the evaluation criteria is one times the RL.

All field duplicate results were acceptable indicating good field and analytical precision.

SYSTEM PERFORMANCE

System performance between various quality control checks was evaluated to monitor for changes that may have caused the degradation of data quality. No technical problems or chromatographic anomalies were observed which would require qualification of the data.

OVERALL ASSESSMENT

The data were found to exhibit acceptable levels of accuracy and precision, based on the provided information, and may be used with the qualifications and exceptions noted within.

TABLE 1

SAMPLE COLLECTION AND ANALYSIS SUMMARY
BCP INVESTIGATIONS, BUILDING 7 GROUNDWATER
GM-LOCKPORT
LOCKPORT, NEW YORK
APRIL 2011

Analysis/Parameters

Sample ID	*Location ID*	*Collection Date (mm/dd/yy)*	*Collection Time (hr:min)*	*VOCs*	*Comments*
MW-7-3-042711-1049	MW-7-3	04/27/11	10:49:00 AM	X	
MW-7-1-042711-1235	MW-7-1	04/27/11	12:35:00 PM	X	
MW-7-2-042711-1410	MW-7-2	04/27/11	2:10:00 PM	X	
MW-7-4-042711-1550	MW-7-4	04/27/11	3:50:00 PM	X	
MW-7-6-042711-1500	MW-7-6	04/27/11	3:00:00 PM	X	MS/MSD
MW-7-5-042811-1040	MW-7-5	04/28/11	10:40:00 AM	X	
MW-7-8-042811-1035	MW-7-8	04/28/11	10:35:00 AM	X	
MW-7-A-6-042811-1235	MW-7-A-6	04/28/11	12:35:00 PM	X	
MW-7-7-042811-1505	MW-7-7	04/28/11	3:05:00 PM	X	
MW-7-P-1-042811-1340	MW-7-P-1	04/28/11	1:40:00 PM	X	
MW-7-G2-042911-1610	MW-7-C-2	04/29/11	4:10:00 PM	X	
DUP-042811-001	MW-7-5	04/28/11	10:40:00 AM	X	Field duplicate of sample MW-7-5-042811-1040
BLDG-7-RINSE-042911-1630	Rinse Blank	04/29/11	4:30:00 PM	X	Rinse Blank
TRIP BLANK	-	04/27/11	-	X	Trip Blank

Notes:

VOCs Volatile Organic Compounds.
MS/MSD Matrix spike/matrix spike duplicate.

TABLE 2

SUMMARY OF ANALYTICAL METHODS
BCP INVESTIGATIONS, BUILDING 7 GROUNDWATER
GM-LOCKPORT
LOCKPORT, NEW YORK
APRIL 2011

Parameter	*Method* [1]
VOCs	SW-846 8260B

Notes:

[1] "Test Methods for Solid Waste/Physical Chemical Methods", SW-846, 3rd Edition, September 1986 (with all subsequent revisions).

VOCS Volatile Organic Compounds.

TABLE 3

ANALYTICAL RESULTS SUMMARY
BCP INVESTIGATIONS, BUILDING 7 GROUNDWATER
GM-LOCKPORT
LOCKPORT, NEW YORK
APRIL 2011

	Location ID:	*MW-7-1*	*MW-7-2*	*MW-7-3*	*MW-7-4*	*MW-7-5*
	Sample Name:	*MW-7-1-042711-1235*	*MW-7-2-042711-1410*	*MW-7-3-042711-1049*	*MW-7-4-042711-1550*	*DUP-042811-001*
	Sample Date:	*4/27/2011*	*4/27/2011*	*4/27/2011*	*4/27/2011*	*4/28/2011*
						(Duplicate)
Parameters						
Volatile Organic Compounds	*Units*					
cis-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	8.6	1.0 U	640
Tetrachloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	8800
trans-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	200 U
Trichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	870
Vinyl chloride	µg/L	1.0 U	1.0 U	46	1.0 U	200 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
BCP INVESTIGATIONS, BUILDING 7 GROUNDWATER
GM-LOCKPORT
LOCKPORT, NEW YORK
APRIL 2011

	Location ID:	***MW-7-5***	***MW-7-6***	***MW-7-7***	***MW-7-8***
	Sample Name:	***MW-7-5-042811-1040***	***MW-7-6-042711-1500***	***MW-7-7-042811-1505***	***MW-7-8-042811-1035***
	Sample Date:	***4/28/2011***	***4/27/2011***	***4/28/2011***	***4/28/2011***
Parameters					
Volatile Organic Compounds	***Units***				
cis-1,2-Dichloroethene	µg/L	680	350	200 U	29
Tetrachloroethene	µg/L	8900	470	26000	290
trans-1,2-Dichloroethene	µg/L	7.4	2.7	200 U	4.0 U
Trichloroethene	µg/L	890	240	200 U	100
Vinyl chloride	µg/L	5.8	35	200 U	4.0 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
BCP INVESTIGATIONS, BUILDING 7 GROUNDWATER
GM-LOCKPORT
LOCKPORT, NEW YORK
APRIL 2011

	Location ID:	*MW-7-A-6*	*MW-7-C-2*	*MW-7-P-1*
	Sample Name:	*MW-7-A-6-042811-1235*	*MW-7-G2-042911-1610*	*MW-7-P-1-042811-1340*
	Sample Date:	*4/28/2011*	*4/29/2011*	*4/28/2011*
Parameters				
Volatile Organic Compounds	*Units*			
cis-1,2-Dichloroethene	µg/L	16000	230	6.2
Tetrachloroethene	µg/L	140000	1.0 U	0.57 J
trans-1,2-Dichloroethene	µg/L	2000 U	1.0 U	4.9
Trichloroethene	µg/L	19000	1.0 U	2.1
Vinyl chloride	µg/L	2000 U	12	27

Notes:

J - Estimated.
U - Not detected.

TABLE 4

QUALIFIED SAMPLE RESULTS DUE TO ANALYTE CONCENTRATIONS IN THE METHOD BLANKS
BCP INVESTIGATIONS, BUILDING 7 GROUNDWATER
GM-LOCKPORT
LOCKPORT, NEW YORK
APRIL 2011

Parameter	*Analysis Date*	*Analyte*	*Blank Result*	*Sample ID*	*Qualified Sample Result*	*Units*
VOCs	5/4/2011	Trichloroethene	0.508J	MW-7-G2-042911-1610	1 U	µg/L

Notes:

J Estimated.
U Not detected.
VOCs Volatile Organic Compounds

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MEMORANDUM

TO: Denis Conley

REF. NO.: 058507-256005

FROM: Kathleen Willy/bjw/27

DATE: February 16, 2011

E-Mail and Hard Copy if Requested

RE: **Data Quality Assessment and Validation**
BCP Investigations, Building 7 Soils
GM-Lockport
Lockport, New York
December 2010 – January 2011

The following details a quality assessment and validation of the analytical data resulting from the December 2010 through January 2011, collection of soil samples from the GM Lockport Plant in Lockport, New York, in support of the BCP Investigations for Building 7. The sample summary detailing sample identification, sample location, quality control (QC) samples, and analytical parameters is presented in Table 1. Sample analysis was completed at TestAmerica, Inc. (TestAmerica), in Pittsburgh, PA, in accordance with the methodologies presented in Table 2. A summary of the validated results can be found in Table 3.

The QC criteria used to assess the data were established by the methods and with following guidance documents:

i) "USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review", United States Environmental Protection Agency (USEPA) 540/R-99/008, October 1999

ii) "USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Review", USEPA 540/R-94/013, February 1994

These guidelines are collectively referred to as "Guidelines" in this memorandum.

SAMPLE QUANTITATION

The laboratory reported detected concentrations of organic compounds and inorganic compounds (total and dissolved) below the laboratory's practical quantitation limit (PQL)/report limit (RL) but above the laboratory's method detection limit (MDL). The laboratory flagged these sample concentrations with a "J" or a "B" for organics and inorganics respectively. These concentrations should be qualified as estimated (J) values unless qualified otherwise in this memorandum. The laboratory "B" flags may be disregarded.

EQUAL EMPLOYMENT OPPORTUNITY EMPLOYER

REGISTERED COMPANY FOR ISO 9001 ENGINEERING DESIGN

SAMPLE PRESERVATION AND HOLDING TIMES

Sample holding time periods and preservation requirements are summarized in the analytical methods. All sample extractions and/or analyses were performed within the specified holding times.

All samples were properly preserved and cooled to 4°C(±2°C) after collection.

GAS CHROMATOGRAPHY/MASS SPECTROMETER (GC/MS) – TUNING AND MASS CALIBRATION (INSTRUMENT PERFORMANCE CHECK) – VOLATILE ORGANIC COMPOUNDS (VOCs) AND SEMI-VOLATILE ORGANIC COMPOUNDS (SVOCs)

To ensure adequate mass resolution, identification, and to some degree, sensitivity; the performance of each GC/MS instrument used for VOC and SVOC analyses was checked at the beginning of each 12-hour period using bromofluorobenzene (BFB) and decafluorotriphenylphosphine (DFTPP), respectively. The resulting spectra must meet the criteria cited in the "Guidelines" before initiating an analysis sequence.

Instrument performance check data were reviewed. These tuning compounds were analyzed at the required frequency throughout the analyses. The results of all instrument performance checks were within the acceptance criteria, indicating acceptable instrument performance.

INITIAL CALIBRATION – VOCs AND SVOCs

Initial calibration data are used to demonstrate that each instrument is capable of generating acceptable quantitative data. A five point calibration curve containing all compounds of interest is analyzed to characterize instrument response for each over a specific concentration range.

Initial calibration criteria for organic analyses are evaluated against the following criteria:

i) GC/MS (all compounds) – must meet a minimum mean relative response factor (RRF) of 0.05.

ii) GC/MS (all compounds) – the percent relative standard deviation (%RSD) values must not exceed 30.0 percent or a minimum coefficient of determination (R^2) of 0.99 if quadratic equation calibration curves are used.

Calibration standards were analyzed at the required frequency and the results met the above criteria for linearity and sensitivity.

CONTINUING CALIBRATION – VOCs AND SVOCs

To ensure that each instrument was capable of producing acceptable quantitative data over the analysis period, continuing calibration standards must be analyzed every 12 hours. The following criteria are employed to evaluate the continuing calibration data:

i) GC/MS (all compounds) – must meet a minimum mean RRF of 0.05.

ii) GC/MS (all compounds) – the percent difference (%D) between the mean initial calibration RRF and the continuing calibration RRF must not exceed 25 percent.

iii) GC/MS (compounds determined by quadratic curve) – the percent drift between the true value and the continuing calibration value must not exceed 25 percent.

Calibration standards were analyzed at the required frequency and the results met the above criteria for instrument sensitivity. Various VOCs exhibited a high %D or drift. All associated sample results were qualified as estimated to reflect the implied variability. A summary of the qualified data is presented in Table 4.

INITIAL CALIBRATION – POLYCHLORINATED BIPHENYLS (PCBs)

To quantify compounds of interest, calibration of the GC over a specific concentration range must be performed. Initially, five-point calibration curves are analyzed for all the compounds of interest with the exception of some PCBs. For the PCB analysis, Aroclors 1016 and 1260 are analyzed using a five-point curve and one-point calibration standards are analyzed for the remaining Aroclors.

Linearity of the calibration curves are acceptable if %RSD values are less than or equal to 20 percent or if the correlation coefficient (R^2) is greater than 0.99. Retention time windows are also calculated from the initial calibration analyses. These windows are then used to identify all compounds of interest in subsequent analyses.

Initial calibration standards were analyzed at the required frequencies. All retention time and linearity criteria were satisfied.

CONTINUING CALIBRATION – PCBs

To ensure that the calibration of the instrument is valid throughout the sample analysis period, continuing calibration standards are analyzed and evaluated on a regular basis. To evaluate the continued linearity of the calibration, %D values are calculated for each compound in all continuing standards and assessed against an acceptance criterion of 15 percent.

To ensure that compound retention times do not vary over the analysis period, all retention times must fall within the established retention time windows.

Continuing calibration standards were analyzed at the required frequency and all method criteria were met for analyte linearity.

INITIAL CALIBRATION – INORGANIC ANALYSES

Initial calibration of the instruments ensures that they are capable of producing satisfactory quantitative data at the beginning of a series of analyses. For trace inductively coupled plasma (ICP) analysis, a calibration blank and at least one standard must be analyzed at each wavelength to establish the analytical curve. For mercury, a calibration blank and a minimum of four standards must be analyzed to establish the analytical curve. Resulting correlation coefficients (R^2) for curves must be at least 0.99.

After calibration, an initial calibration verification (ICV) standard must be analyzed to verify the analytical accuracy of the calibration curves. All analyte recoveries from the analyses of the ICVs must be within the following control limits:

Analytical Instrument	*Inorganic Species*	*Control Limits (Percent)*
ICP and ICP/MS	Metals	90-110
Cold Vapor Atomic Absorption (AA)	Mercury	80-120

A review of the laboratory data showed that all inorganic initial calibration curves and ICVs were analyzed at the appropriate frequency and were within the acceptance criteria.

CONTINUING CALIBRATION – INORGANIC ANALYSES

Continuing calibration verification (CCV) standards are analyzed at method specified frequency (one every ten samples). The CCVs must meet the percent recovery control limits specified above for the ICVs. Criteria for inorganic analyses are the same criteria as used for assessing the initial calibration data.

A review of the laboratory data showed that CCVs were analyzed at the appropriate frequency and the data were within the acceptance criteria.

METHOD BLANK SAMPLES

Method blank samples are prepared from a purified sample matrix and are processed concurrently with investigative samples to assess the presence and the magnitude of sample contamination introduced during sample analysis. Method blank samples are analyzed at a minimum frequency of one per analytical batch and target analytes should be non-detect.

Method blanks were analyzed at the recommended frequency and the results were non-detect for all analytes of interest with the exception of some metals and VOCs present at a low level. All associated sample results with similar concentrations were qualified as non-detect. A summary of the qualified data is presented in Table 5.

LABORATORY BLANK SAMPLES – INORGANIC ANALYSES

Metals analyses include the analysis of initial calibration blanks (ICB) and continuing calibration blanks (CCB) to assess the presence and the magnitude of sample contamination introduced during sample analysis. The CCBs are analyzed at a minimum frequency of one every ten samples and target analytes should be non-detect.

All ICBs and CCBs were non-detect.

SURROGATE COMPOUNDS – ORGANIC ANALYSES

Individual sample performance for organic analyses was monitored by assessing the results of surrogate compound percent recoveries. Surrogate percent recoveries are reviewed against the laboratory developed control limits provided in the analytical report.

All surrogate recoveries met the method criteria, demonstrating acceptable analytical efficiency for these analyses.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE (MS/MSD) ANALYSES

To assess the long-term accuracy and precision of the analytical methods on various matrices, MS/MSD percent recoveries and relative percent differences (RPD) of the concentrations were determined. The organic MS/MSD percent recovery and RPD control limits are established by the laboratory. The inorganic control limits are defined by the methods and the "Guidelines", which require recoveries between 75 to 125 percent with RPDs less than 35 percent for soil samples.

All recoveries and RPDs were within acceptable limits with the exception of some low metals recoveries. A summary of the qualified data is presented in Table 6.

LABORATORY CONTROL SAMPLE (LCS)

The LCS analysis serves as a monitor of the overall performance in all steps of the sample analysis and are analyzed with each sample batch. The LCS percent recoveries were evaluated against method and laboratory established control limits.

All LCS recoveries were within acceptable limits indicating acceptable analytical accuracy.

INTERNAL STANDARD (IS) SUMMARIES – ORGANIC ANALYSES

To correct for variability in the GC/MS response and sensitivity, IS compounds are added to all samples. All results are calculated as a ratio of the compound and associated IS response. Overall instrument stability and performance for VOC and SVOC analyses were monitored using IS peak area and retention time (RT) data. The IS peak areas and RTs of the samples are required to meet the following criteria:

i) IS area counts must not vary by more than a factor of two (-50 percent to +100 percent) from the associated continuing calibration standard IS area counts.

ii) The RT of the IS must not vary by more than plus or minus 30 seconds from the associated continuing calibration standard.

A review of the internal standard data showed that the IS area counts and retention time data were within the acceptance criteria.

ICP ICS ANALYSIS – INORGANIC ANALYSES

To verify that proper inter-element and background correction factors had been established by the laboratory for metals analyses, the ICP ICS are analyzed. The ICSs are evaluated against recovery control limits of 80 to 120 percent.

The ICS analysis results were evaluated for all samples and were within the control limits.

CONTRACT REQUIRED DETECTION LIMIT (CRDL) STANDARD ANALYSES

To verify the linearity of the ICP calibration near the detection limit, a standard is analyzed which contains the ICP analytes at specified concentrations. This standard must be analyzed at the beginning and end of each sample analysis run or a minimum of twice per 8-hour working shift.

Control limits of 80 to 120 percent were used to evaluate the data. All recoveries were acceptable.

ICP SERIAL DILUTION

The serial dilution determines whether significant physical or chemical interferences exist due to sample matrix. A minimum of one per 20 investigative samples is analyzed at a five-fold dilution. For samples with sufficient analyte concentrations, the serial dilution results must agree within 10 percent of the original results.

A serial dilution was performed and the results were acceptable with the exception of some high percent differences for various metals. A summary of the qualified data is presented in Table 7.

TARGET COMPOUND IDENTIFICATION

To minimize erroneous compound identification during organic analyses, qualitative criteria including compound retention time and mass spectra (if applicable) were evaluated according to identification criteria established by the methods. The organic compounds reported adhered to the specified identification criteria.

TARGET COMPOUND QUANTITATION

The reported quantitation results and detection limits were checked to ensure results reported were accurate. No discrepancies were found between the raw data and the sample results reported by the laboratory.

FIELD QUALITY ASSURANCE/QUALITY CONTROL (QA/QC)

The field QA/QC consisted of one equipment blank and a field duplicate sample set.

To assess the cleanliness of sample containers and the presence of field contamination, the equipment blank sample identified in Table 1 was collected and analyzed.

All equipment blank results were non-detect.

Overall precision for the sampling event and laboratory procedures was monitored using the results of the field duplicate sample set. The RPDs associated with these duplicate samples must be less than 50 percent for water and 100 percent for soil/sediment. If the reported concentration in either the investigative sample or its duplicate is less than five times the RL, the evaluation criteria is one times the RL value for water or two times for soil/sediment.

A comparison of the results showed good analytical and sampling precision with the exception of zinc which showed some variability. A summary of the qualified data is presented in Table 8.

SYSTEM PERFORMANCE

System performance between various quality control checks was evaluated to monitor for changes that may have caused the degradation of data quality. No technical problems or chromatographic anomalies were observed which would require qualification of the data.

OVERALL ASSESSMENT

The data were found to exhibit acceptable levels of accuracy and precision, based on the provided information, and may be used with the qualifications and exceptions noted within.

TABLE 1

SAMPLE COLLECTION AND ANALYSIS SUMMARY
BCP INVESTIGATIONS, BUILDING 7 SOILS
GM-LOCKPORT
LOCKPORT, NEW YORK
DECEMBER 2010 - JANUARY 2011

						Analysis/Parameters				
Sample ID	*Location ID*	*Collection Date (mm/dd/yy)*	*Collection Time (hr:min)*	*Start Depth (ft bgs)*	*End Depth (ft bgs)*	*VOCs*	*SVOCs*	*PCBs*	*Site Metals*	*Comments*
7-SB-4-122710-1015	7-SB-4	12/27/10	10:15	12	13.5	X	X	X	X	
DUP-122710-0001	7-SB-4	12/27/10	10:15	12	13.5	X	X	X	X	Field duplicate of sample 7-SB-4-122710-1015
7-SB-5-122710-1115	7-SB-5	12/27/10	11:15	8	10	X	X	X	X	
7-SB-1-122710-1220	7-SB-1	12/27/10	12:20	1	2.5	X	X	X	X	
7-SB-2-122710-1340	7-SB-2	12/27/10	13:40	10	12	X	X	X	X	
MW-7-7-122110-1150	MW-7-7	12/21/10	11:30	4	6	X				
MW-7-8-122210-1130	MW-7-8	12/22/10	11:30	7	9	X				
7-SB3-122910-1530	7-SB-3	12/29/10	15:30	9.5	11.5	X	X	X	X	
EB-122910-0003	QA/QC	12/29/10	16:00	-	-	X	X	X	X	Equipment Blank
MW-7-5-010411-0815	MW-7-5	01/04/11	8:15	8	10.5	X				
MW-7-6-010411-0845	MW-7-6	01/04/11	8:45	4	5.5	X				
7-SB-6-010411-0915	7-SB-6	01/04/11	9:15	10	11.5	X	X	X	X	
7-SB-8-010411-1030	7-SB-8	01/04/11	10:30	10	12.5	X	X	X	X	
7-SB-12-010411-1100	7-SB-12	01/04/11	11:00	1	4	X	X	X	X	
7-SB-11-010411-1215	7-SB-11	01/04/11	12:15	8	10	X	X	X	X	
7-SB-7-010411-1315	7-SB-7	01/04/11	13:15	8	10	X	X	X	X	
7-SB-9-010411-1350	S-SB-9	01/04/11	13:50	2	4	X	X	X	X	
7-SB-10-010411-1440	7-SB-10	01/04/11	14:40	2	4	X	X	X	X	

Notes:

VOCs Volatile Organic Compounds.

SVOCs Semivolatile Organic Compounds.

PCBs Polychlorinated Biphenyls.

TABLE 2

SUMMARY OF ANALYTICAL METHODS
BCP INVESTIGATIONS, BUILDING 7 SOILS
GM-LOCKPORT
LOCKPORT, NEW YORK
DECEMBER 2010 - JANUARY 2011

Parameter	*Method* [1]
VOCs	SW-846 8260B
SVOCs	SW-846 8270C
PCBs	SW-846 8081
Site Metals	SW-846 6010/7000 Series

Notes:

[1] "Test Methods for Solid Waste/Physical Chemical Methods", SW-846, 3rd Edition, September 1986 (with all subsequent revisions).

VOCS Volatile Organic Compounds.
SVOCs Semivolatile Organic Compounds.
PCBs Polychlorinated Biphenyls.

TABLE 3

ANALYTICAL RESULTS SUMMARY
BCP INVESTIGATIONS, BUILDING 7 SOILS
GM-LOCKPORT
LOCKPORT, NEW YORK
DECEMBER 2010 - JANUARY 2011

	Sample Location:	*7-SB-1*	*7-SB-2*	*7-SB-3*	*7-SB-4*	*7-SB-4*
	Sample ID:	*7-SB-1-122710-1220*	*7-SB-2-122710-1340*	*7-SB3-122910-1530*	*7-SB-4-122710-1015*	*DUP-122710-0001*
	Sample Date:	*12/27/2010*	*12/27/2010*	*12/29/2010*	*12/27/2010*	*12/27/2010 (Duplicate)*
Parameters	***Units***					
Volatile Organic Compounds						
1,1,1-Trichloroethane	µg/kg	5.4 U	5.6 U	5.5 U	5.9 U	5.9 U
1,1,2,2-Tetrachloroethane	µg/kg	5.4 U	5.6 U	5.5 U	5.9 U	5.9 U
1,1,2-Trichloroethane	µg/kg	5.4 U	5.6 U	5.5 U	5.9 U	5.9 U
1,1-Dichloroethane	µg/kg	5.4 U	5.6 U	5.5 U	5.9 U	5.9 U
1,1-Dichloroethene	µg/kg	5.4 U	5.6 U	5.5 U	5.9 U	5.9 U
1,2,4-Trichlorobenzene	µg/kg	5.4 U	5.6 U	5.5 U	5.9 U	5.9 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	5.4 U	5.6 U	5.5 U	5.9 U	5.9 U
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	5.4 U	5.6 U	5.5 U	5.9 U	5.9 U
1,2-Dichlorobenzene	µg/kg	5.4 U	5.6 U	5.5 U	5.9 U	5.9 U
1,2-Dichloroethane	µg/kg	5.4 U	5.6 U	5.5 U	5.9 U	5.9 U
1,2-Dichloropropane	µg/kg	5.4 U	5.6 U	5.5 U	5.9 U	5.9 U
1,3-Dichlorobenzene	µg/kg	5.4 U	5.6 U	5.5 U	5.9 U	5.9 U
1,4-Dichlorobenzene	µg/kg	5.4 U	5.6 U	5.5 U	5.9 U	5.9 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	5.4 U	5.6 U	5.5 U	5.9 U	5.9 U
2-Hexanone	µg/kg	5.4 U	5.6 U	5.5 U	5.9 U	5.9 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	5.4 U	5.6 U	5.5 U	5.9 U	5.9 U
Acetone	µg/kg	22 U	22 U	22 U	24 U	24 U
Benzene	µg/kg	5.4 U	5.6 U	5.5 U	5.9 U	5.9 U
Bromodichloromethane	µg/kg	5.4 U	5.6 U	5.5 U	5.9 U	5.9 U
Bromoform	µg/kg	5.4 U	5.6 U	5.5 U	5.9 U	5.9 U
Bromomethane (Methyl bromide)	µg/kg	5.4 U	5.6 U	5.5 U	5.9 U	5.9 U
Carbon disulfide	µg/kg	0.96 J	5.6 U	5.5 UJ	5.9 U	5.9 U
Carbon tetrachloride	µg/kg	5.4 U	5.6 U	5.5 U	5.9 U	5.9 U
Chlorobenzene	µg/kg	5.4 U	5.6 U	5.5 U	5.9 U	5.9 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
BCP INVESTIGATIONS, BUILDING 7 SOILS
GM-LOCKPORT
LOCKPORT, NEW YORK
DECEMBER 2010 - JANUARY 2011

	Sample Location:	*7-SB-1*	*7-SB-2*	*7-SB-3*	*7-SB-4*	*7-SB-4*
	Sample ID:	*7-SB-1-122710-1220*	*7-SB-2-122710-1340*	*7-SB3-122910-1530*	*7-SB-4-122710-1015*	*DUP-122710-0001*
	Sample Date:	*12/27/2010*	*12/27/2010*	*12/29/2010*	*12/27/2010*	*12/27/2010 (Duplicate)*
Parameters	*Units*					
Volatile Organic Compounds (Cont'd.)						
Chloroethane	µg/kg	5.4 U	5.6 U	5.5 U	5.9 U	5.9 U
Chloroform (Trichloromethane)	µg/kg	5.4 U	5.6 U	5.5 U	5.9 U	5.9 U
Chloromethane (Methyl chloride)	µg/kg	5.4 U	5.6 U	5.5 U	5.9 U	5.9 U
cis-1,2-Dichloroethene	µg/kg	3.9 J	8.8	43	7.9	1.0 J
cis-1,3-Dichloropropene	µg/kg	5.4 U	5.6 U	5.5 U	5.9 U	5.9 U
Cyclohexane	µg/kg	5.4 U	5.6 U	5.5 U	5.9 U	5.9 U
Dibromochloromethane	µg/kg	5.4 U	5.6 U	5.5 U	5.9 U	5.9 U
Dichlorodifluoromethane (CFC-12)	µg/kg	5.4 U	5.6 U	5.5 U	5.9 U	5.9 U
Ethylbenzene	µg/kg	5.4 U	5.6 U	5.5 U	5.9 U	5.9 U
Isopropyl benzene	µg/kg	5.4 U	5.6 U	5.5 U	5.9 U	5.9 U
Methyl acetate	µg/kg	5.4 U	5.6 U	5.5 U	5.9 U	5.9 U
Methyl cyclohexane	µg/kg	5.4 U	5.6 U	5.5 U	5.9 U	5.9 U
Methyl tert butyl ether (MTBE)	µg/kg	5.4 U	5.6 U	5.5 U	5.9 U	5.9 U
Methylene chloride	µg/kg	5.4 U	5.6 U	5.5 U	5.9 U	5.9 U
Styrene	µg/kg	5.4 U	5.6 U	5.5 U	5.9 U	5.9 U
Tetrachloroethene	µg/kg	0.82 J	5.6 U	2.2 J	2.7 J	4.4 J
Toluene	µg/kg	5.4 U	5.6 U	5.5 U	5.9 U	5.9 U
trans-1,2-Dichloroethene	µg/kg	5.4 U	5.6 U	5.5 U	5.9 U	5.9 U
trans-1,3-Dichloropropene	µg/kg	5.4 U	5.6 U	5.5 U	5.9 U	5.9 U
Trichloroethene	µg/kg	5.4 U	0.85 J	2.0 J	1.0 J	5.9 U
Trichlorofluoromethane (CFC-11)	µg/kg	5.4 U	5.6 U	5.5 U	5.9 U	5.9 U
Trifluorotrichloroethane (Freon 113)	µg/kg	5.4 U	5.6 U	5.5 U	5.9 U	5.9 U
Vinyl chloride	µg/kg	5.4 U	1.1 J	5.5 U	5.9 U	5.9 U
Xylenes (total)	µg/kg	16 U	17 U	17 U	18 U	18 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
BCP INVESTIGATIONS, BUILDING 7 SOILS
GM-LOCKPORT
LOCKPORT, NEW YORK
DECEMBER 2010 - JANUARY 2011

	Sample Location:	*7-SB-1*	*7-SB-2*	*7-SB-3*	*7-SB-4*	*7-SB-4*
	Sample ID:	*7-SB-1-122710-1220*	*7-SB-2-122710-1340*	*7-SB3-122910-1530*	*7-SB-4-122710-1015*	*DUP-122710-0001*
	Sample Date:	*12/27/2010*	*12/27/2010*	*12/29/2010*	*12/27/2010*	*12/27/2010 (Duplicate)*
Parameters	*Units*					
Semi-volatile Organic Compounds						
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	72 U	74 U	74 U	79 U	79 U
2,4,5-Trichlorophenol	µg/kg	360 U	370 U	370 U	390 U	390 U
2,4,6-Trichlorophenol	µg/kg	360 U	370 U	370 U	390 U	390 U
2,4-Dichlorophenol	µg/kg	72 U	74 U	74 U	79 U	79 U
2,4-Dimethylphenol	µg/kg	360 U	370 U	370 U	390 U	390 U
2,4-Dinitrophenol	µg/kg	1800 U	1900 U	1900 U	2000 U	2000 U
2,4-Dinitrotoluene	µg/kg	360 U	370 U	370 U	390 U	390 U
2,6-Dinitrotoluene	µg/kg	360 U	370 U	370 U	390 U	390 U
2-Chloronaphthalene	µg/kg	72 U	74 U	74 U	79 U	79 U
2-Chlorophenol	µg/kg	360 U	370 U	370 U	390 U	390 U
2-Methylnaphthalene	µg/kg	72 U	74 U	74 U	79 U	79 U
2-Methylphenol	µg/kg	360 U	370 U	370 U	390 U	390 U
2-Nitroaniline	µg/kg	1800 U	1900 U	1900 U	2000 U	2000 U
2-Nitrophenol	µg/kg	360 U	370 U	370 U	390 U	390 U
3,3'-Dichlorobenzidine	µg/kg	360 U	370 U	370 U	390 U	390 U
3-Nitroaniline	µg/kg	1800 U	1900 U	1900 U	2000 U	2000 U
4,6-Dinitro-2-methylphenol	µg/kg	1800 U	1900 U	1900 U	2000 U	2000 U
4-Bromophenyl phenyl ether	µg/kg	360 U	370 U	370 U	390 U	390 U
4-Chloro-3-methylphenol	µg/kg	360 U	370 U	370 U	390 U	390 U
4-Chloroaniline	µg/kg	360 U	370 U	370 U	390 U	390 U
4-Chlorophenyl phenyl ether	µg/kg	360 U	370 U	370 U	390 U	390 U
4-Methylphenol	µg/kg	360 U	370 U	370 U	390 U	390 U
4-Nitroaniline	µg/kg	1800 U	1900 U	1900 U	2000 U	2000 U
4-Nitrophenol	µg/kg	1800 U	1900 U	1900 U	2000 U	2000 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
BCP INVESTIGATIONS, BUILDING 7 SOILS
GM-LOCKPORT
LOCKPORT, NEW YORK
DECEMBER 2010 - JANUARY 2011

	Sample Location:	*7-SB-1*	*7-SB-2*	*7-SB-3*	*7-SB-4*	*7-SB-4*
	Sample ID:	*7-SB-1-122710-1220*	*7-SB-2-122710-1340*	*7-SB3-122910-1530*	*7-SB-4-122710-1015*	*DUP-122710-0001*
	Sample Date:	*12/27/2010*	*12/27/2010*	*12/29/2010*	*12/27/2010*	*12/27/2010 (Duplicate)*
Parameters	*Units*					
Semi-volatile Organic Compounds (Cont'd.)						
Acenaphthene	µg/kg	72 U	74 U	74 U	79 U	79 U
Acenaphthylene	µg/kg	72 U	74 U	74 U	79 U	79 U
Acetophenone	µg/kg	360 U	370 U	370 U	390 U	390 U
Anthracene	µg/kg	40 J	74 U	74 U	79 U	79 U
Atrazine	µg/kg	360 U	370 U	370 U	390 U	390 U
Benzaldehyde	µg/kg	360 U	370 U	370 U	390 U	390 U
Benzo(a)anthracene	µg/kg	110	74 U	74 U	20 J	28 J
Benzo(a)pyrene	µg/kg	90	74 U	74 U	20 J	24 J
Benzo(b)fluoranthene	µg/kg	140	74 U	74 U	31 J	35 J
Benzo(g,h,i)perylene	µg/kg	42 J	74 U	74 U	79 U	79 U
Benzo(k)fluoranthene	µg/kg	72 U	74 U	74 U	79 U	79 U
Biphenyl (1,1-Biphenyl)	µg/kg	360 U	370 U	370 U	390 U	390 U
bis(2-Chloroethoxy)methane	µg/kg	360 U	370 U	370 U	390 U	390 U
bis(2-Chloroethyl)ether	µg/kg	72 U	74 U	74 U	79 U	79 U
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	720 U	740 U	740 U	790 U	790 U
Butyl benzylphthalate (BBP)	µg/kg	360 U	370 U	370 U	390 U	390 U
Caprolactam	µg/kg	1800 U	1900 U	1900 U	2000 U	2000 U
Carbazole	µg/kg	12 J	74 U	74 U	79 U	79 U
Chrysene	µg/kg	84	74 U	74 U	19 J	26 J
Dibenz(a,h)anthracene	µg/kg	11 J	74 U	74 U	79 U	79 U
Dibenzofuran	µg/kg	360 U	370 U	370 U	390 U	390 U
Diethyl phthalate	µg/kg	360 U	370 U	370 U	390 U	390 U
Dimethyl phthalate	µg/kg	360 U	370 U	370 U	390 U	390 U
Di-n-butylphthalate (DBP)	µg/kg	360 U	370 U	370 U	390 U	390 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
BCP INVESTIGATIONS, BUILDING 7 SOILS
GM-LOCKPORT
LOCKPORT, NEW YORK
DECEMBER 2010 - JANUARY 2011

	Sample Location:	*7-SB-1*	*7-SB-2*	*7-SB-3*	*7-SB-4*	*7-SB-4*
	Sample ID:	*7-SB-1-122710-1220*	*7-SB-2-122710-1340*	*7-SB3-122910-1530*	*7-SB-4-122710-1015*	*DUP-122710-0001*
	Sample Date:	*12/27/2010*	*12/27/2010*	*12/29/2010*	*12/27/2010*	*12/27/2010 (Duplicate)*
Parameters	***Units***					
Semi-volatile Organic Compounds (Cont'd.)						
Di-n-octyl phthalate (DnOP)	µg/kg	360 U	370 U	370 U	390 U	390 U
Fluoranthene	µg/kg	210	74 U	74 U	14 J	20 J
Fluorene	µg/kg	72 U	74 U	74 U	79 U	79 U
Hexachlorobenzene	µg/kg	72 U	74 U	74 U	79 U	79 U
Hexachlorobutadiene	µg/kg	72 U	74 U	74 U	79 U	79 U
Hexachlorocyclopentadiene	µg/kg	360 U	370 U	370 U	390 U	390 U
Hexachloroethane	µg/kg	360 U	370 U	370 U	390 U	390 U
Indeno(1,2,3-cd)pyrene	µg/kg	42 J	74 U	74 U	79 U	79 U
Isophorone	µg/kg	360 U	370 U	370 U	390 U	390 U
Naphthalene	µg/kg	72 U	74 U	74 U	79 U	79 U
Nitrobenzene	µg/kg	720 U	740 U	740 U	790 U	790 U
N-Nitrosodi-n-propylamine	µg/kg	72 U	74 U	74 U	79 U	79 U
N-Nitrosodiphenylamine	µg/kg	360 U	370 U	370 U	390 U	390 U
Pentachlorophenol	µg/kg	360 U	370 U	370 U	390 U	390 U
Phenanthrene	µg/kg	140	74 U	74 U	79 U	79 U
Phenol	µg/kg	72 U	74 U	74 U	79 U	79 U
Pyrene	µg/kg	170	74 U	74 U	18 J	22 J
Metals						
Aluminum	mg/kg	9640	5630	5040 J	10100	9860
Antimony	mg/kg	0.96 U	1.1 U	1.0 UJ	1.2 U	1.1 U
Arsenic	mg/kg	3.0	2.7	2.8	4.4	3.1
Barium	mg/kg	96.3	66.8	45.3 J	105	87.0

TABLE 3

ANALYTICAL RESULTS SUMMARY
BCP INVESTIGATIONS, BUILDING 7 SOILS
GM-LOCKPORT
LOCKPORT, NEW YORK
DECEMBER 2010 - JANUARY 2011

	Sample Location:	*7-SB-1*	*7-SB-2*	*7-SB-3*	*7-SB-4*	*7-SB-4*
	Sample ID:	*7-SB-1-122710-1220*	*7-SB-2-122710-1340*	*7-SB3-122910-1530*	*7-SB-4-122710-1015*	*DUP-122710-0001*
	Sample Date:	*12/27/2010*	*12/27/2010*	*12/29/2010*	*12/27/2010*	*12/27/2010 (Duplicate)*
Parameters	***Units***					
Metals (Cont'd.)						
Beryllium	mg/kg	1.1	0.41 J	0.41 U	0.65	0.66
Cadmium	mg/kg	0.079 J	0.53 U	0.16 J	0.59 U	0.53 U
Calcium	mg/kg	33600	44100	47200 J	40200	32900
Chromium	mg/kg	11.5	9.3	7.6 J	15.9	16.0
Cobalt	mg/kg	5.1	6.0	5.5	8.7	6.7
Copper	mg/kg	34.9	13.7	16.8 J	15.9	14.2
Iron	mg/kg	14600	14100	11300 J	21300	17700
Lead	mg/kg	6.9	3.6	3.8	6.0	5.1
Magnesium	mg/kg	3930	7030	7130 J	9730	7330
Manganese	mg/kg	1450	525	484 J	517	529
Mercury	mg/kg	0.015 J	0.037 U	0.037 U	0.039 U	0.039 U
Nickel	mg/kg	11.0	12.2	12.0	19.8	15.9
Potassium	mg/kg	947	1110	976	1710	1290
Selenium	mg/kg	0.48 U	0.53 U	0.51 U	0.59 U	0.53 U
Silver	mg/kg	0.24 J	0.13 J	0.51 U	0.14 J	0.14 J
Sodium	mg/kg	192 J	55.6 J	114 J	129 J	143 J
Thallium	mg/kg	0.96 U	1.1 U	1.0 U	1.2 U	1.1 U
Vanadium	mg/kg	15.9	15.0	12.2 J	23.3	20.2
Zinc	mg/kg	81.6	27.2	40.5 J	70.4 J	40.5 J
Polychlorinated Biphenyls						
Aroclor-1016 (PCB-1016)	µg/kg	18 U	18 U	18 U	20 U	20 U
Aroclor-1221 (PCB-1221)	µg/kg	18 U	18 U	18 U	20 U	20 U
Aroclor-1232 (PCB-1232)	µg/kg	18 U	18 U	18 U	20 U	20 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
BCP INVESTIGATIONS, BUILDING 7 SOILS
GM-LOCKPORT
LOCKPORT, NEW YORK
DECEMBER 2010 - JANUARY 2011

	Sample Location:	*7-SB-1*	*7-SB-2*	*7-SB-3*	*7-SB-4*	*7-SB-4*
	Sample ID:	*7-SB-1-122710-1220*	*7-SB-2-122710-1340*	*7-SB3-122910-1530*	*7-SB-4-122710-1015*	*DUP-122710-0001*
	Sample Date:	*12/27/2010*	*12/27/2010*	*12/29/2010*	*12/27/2010*	*12/27/2010 (Duplicate)*
Parameters	***Units***					
Polychlorinated Biphenyls (Cont'd.)						
Aroclor-1242 (PCB-1242)	µg/kg	18 U	18 U	18 U	20 U	20 U
Aroclor-1248 (PCB-1248)	µg/kg	18 U	18 U	18 U	20 U	20 U
Aroclor-1254 (PCB-1254)	µg/kg	18 U	18 U	18 U	20 U	20 U
Aroclor-1260 (PCB-1260)	µg/kg	18 U	18 U	18 U	20 U	20 U
General Chemistry						
Total solids	%	92.9	89.4	90.4	84.4	84.5

TABLE 3

ANALYTICAL RESULTS SUMMARY
BCP INVESTIGATIONS, BUILDING 7 SOILS
GM-LOCKPORT
LOCKPORT, NEW YORK
DECEMBER 2010 - JANUARY 2011

	Sample Location:	*7-SB-5*	*7-SB-6*	*7-SB-7*	*7-SB-8*	*7-SB-10*
	Sample ID:	*7-SB-5-122710-1115*	*7-SB-6-010411-0915*	*7-SB-7-010411-1315*	*7-SB-8-010411-1030*	*7-SB-10-010411-1440*
	Sample Date:	*12/27/2010*	*1/4/2011*	*1/4/2011*	*1/4/2011*	*1/4/2011*
Parameters	*Units*					
Volatile Organic Compounds						
1,1,1-Trichloroethane	µg/kg	6.0 U	5.6 U	5.6 U	280 U	6.1 U
1,1,2,2-Tetrachloroethane	µg/kg	6.0 U	5.6 U	5.6 U	280 U	6.1 U
1,1,2-Trichloroethane	µg/kg	6.0 U	5.6 U	5.6 U	280 U	6.1 U
1,1-Dichloroethane	µg/kg	6.0 U	5.6 U	5.6 U	280 U	6.1 U
1,1-Dichloroethene	µg/kg	6.0 U	5.6 U	5.6 U	280 U	6.1 U
1,2,4-Trichlorobenzene	µg/kg	6.0 U	5.6 U	5.6 U	280 U	6.1 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	6.0 U	5.6 U	5.6 U	280 UJ	6.1 U
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	6.0 U	5.6 U	5.6 U	280 U	6.1 U
1,2-Dichlorobenzene	µg/kg	6.0 U	5.6 U	5.6 U	280 U	6.1 U
1,2-Dichloroethane	µg/kg	6.0 U	5.6 U	5.6 U	280 U	6.1 U
1,2-Dichloropropane	µg/kg	6.0 U	5.6 U	5.6 U	280 U	6.1 U
1,3-Dichlorobenzene	µg/kg	6.0 U	5.6 U	5.6 U	280 U	6.1 U
1,4-Dichlorobenzene	µg/kg	6.0 U	5.6 U	5.6 U	280 U	6.1 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	6.0 U	5.6 U	7.6	280 UJ	6.9
2-Hexanone	µg/kg	6.0 U	5.6 U	5.6 U	280 UJ	6.1 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	6.0 U	5.6 U	5.6 U	280 UJ	6.1 U
Acetone	µg/kg	24 U	22 U	29	1100 UJ	23 J
Benzene	µg/kg	6.0 U	5.6 U	5.6 U	280 U	6.1 U
Bromodichloromethane	µg/kg	6.0 U	5.6 U	5.6 U	280 U	6.1 U
Bromoform	µg/kg	6.0 U	5.6 U	5.6 U	280 U	6.1 U
Bromomethane (Methyl bromide)	µg/kg	6.0 U	5.6 U	5.6 U	280 U	6.1 U
Carbon disulfide	µg/kg	6.0 U	5.6 U	5.6 U	280 U	0.79 J
Carbon tetrachloride	µg/kg	6.0 U	5.6 U	5.6 U	280 U	6.1 U
Chlorobenzene	µg/kg	6.0 U	5.6 U	5.6 U	280 U	6.1 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
BCP INVESTIGATIONS, BUILDING 7 SOILS
GM-LOCKPORT
LOCKPORT, NEW YORK
DECEMBER 2010 - JANUARY 2011

	Sample Location:	*7-SB-5*	*7-SB-6*	*7-SB-7*	*7-SB-8*	*7-SB-10*
	Sample ID:	*7-SB-5-122710-1115*	*7-SB-6-010411-0915*	*7-SB-7-010411-1315*	*7-SB-8-010411-1030*	*7-SB-10-010411-1440*
	Sample Date:	*12/27/2010*	*1/4/2011*	*1/4/2011*	*1/4/2011*	*1/4/2011*
Parameters	*Units*					
Volatile Organic Compounds (Cont'd.)						
Chloroethane	µg/kg	6.0 U	5.6 U	5.6 U	280 UJ	6.1 U
Chloroform (Trichloromethane)	µg/kg	6.0 U	5.6 U	5.6 U	280 U	6.1 U
Chloromethane (Methyl chloride)	µg/kg	6.0 U	5.6 U	5.6 U	280 UJ	6.1 U
cis-1,2-Dichloroethene	µg/kg	2.9 J	5.6 U	5.6 U	280 U	1.8 J
cis-1,3-Dichloropropene	µg/kg	6.0 U	5.6 U	5.6 U	280 U	6.1 U
Cyclohexane	µg/kg	6.0 U	5.6 U	5.6 U	280 U	6.1 U
Dibromochloromethane	µg/kg	6.0 U	5.6 U	5.6 U	280 U	6.1 U
Dichlorodifluoromethane (CFC-12)	µg/kg	6.0 U	5.6 U	5.6 U	280 UJ	6.1 U
Ethylbenzene	µg/kg	6.0 U	5.6 U	5.6 U	160 J	6.1 U
Isopropyl benzene	µg/kg	6.0 U	5.6 U	5.6 U	87 J	6.1 U
Methyl acetate	µg/kg	6.0 U	5.6 U	5.6 U	280 UJ	6.1 U
Methyl cyclohexane	µg/kg	6.0 U	5.6 U	5.6 U	100 J	6.1 U
Methyl tert butyl ether (MTBE)	µg/kg	6.0 U	5.6 U	5.6 U	280 U	6.1 U
Methylene chloride	µg/kg	6.0 U	5.6 U	5.6 U	280 U	6.1 U
Styrene	µg/kg	6.0 U	5.6 U	5.6 U	280 U	6.1 U
Tetrachloroethene	µg/kg	6.8	5.6 U	5.6 U	390	6.1 U
Toluene	µg/kg	6.0 U	5.6 U	5.6 U	280 U	6.1 U
trans-1,2-Dichloroethene	µg/kg	6.0 U	5.6 U	5.6 U	280 U	6.1 U
trans-1,3-Dichloropropene	µg/kg	6.0 U	5.6 U	5.6 U	280 U	6.1 U
Trichloroethene	µg/kg	6.0 U	5.6 U	5.6 U	280 U	6.1 U
Trichlorofluoromethane (CFC-11)	µg/kg	6.0 U	5.6 U	5.6 U	280 UJ	6.1 U
Trifluorotrichloroethane (Freon 113)	µg/kg	6.0 U	5.6 U	5.6 U	280 U	6.1 U
Vinyl chloride	µg/kg	6.0 U	5.6 U	5.6 U	280 U	6.1 U
Xylenes (total)	µg/kg	18 U	17 U	17 U	850 U	18 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
BCP INVESTIGATIONS, BUILDING 7 SOILS
GM-LOCKPORT
LOCKPORT, NEW YORK
DECEMBER 2010 - JANUARY 2011

	Sample Location:	*7-SB-5*	*7-SB-6*	*7-SB-7*	*7-SB-8*	*7-SB-10*
	Sample ID:	*7-SB-5-122710-1115*	*7-SB-6-010411-0915*	*7-SB-7-010411-1315*	*7-SB-8-010411-1030*	*7-SB-10-010411-1440*
	Sample Date:	*12/27/2010*	*1/4/2011*	*1/4/2011*	*1/4/2011*	*1/4/2011*
Parameters	*Units*					
Semi-volatile Organic Compounds						
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	80 U	75 U	75 U	76 U	82 U
2,4,5-Trichlorophenol	µg/kg	390 U	370 U	370 U	370 U	410 U
2,4,6-Trichlorophenol	µg/kg	390 U	370 U	370 U	370 U	410 U
2,4-Dichlorophenol	µg/kg	80 U	75 U	75 U	76 U	82 U
2,4-Dimethylphenol	µg/kg	390 U	370 U	370 U	370 U	410 U
2,4-Dinitrophenol	µg/kg	2000 U	1900 U	1900 U	1900 U	2100 U
2,4-Dinitrotoluene	µg/kg	390 U	370 U	370 U	370 U	410 U
2,6-Dinitrotoluene	µg/kg	390 U	370 U	370 U	370 U	410 U
2-Chloronaphthalene	µg/kg	80 U	75 U	75 U	76 U	82 U
2-Chlorophenol	µg/kg	390 U	370 U	370 U	370 U	410 U
2-Methylnaphthalene	µg/kg	80 U	75 U	75 U	76 U	45 J
2-Methylphenol	µg/kg	390 U	370 U	370 U	370 U	410 U
2-Nitroaniline	µg/kg	2000 U	1900 U	1900 U	1900 U	2100 U
2-Nitrophenol	µg/kg	390 U	370 U	370 U	370 U	410 U
3,3'-Dichlorobenzidine	µg/kg	390 U	370 U	370 U	370 U	410 U
3-Nitroaniline	µg/kg	2000 U	1900 U	1900 U	1900 U	2100 U
4,6-Dinitro-2-methylphenol	µg/kg	2000 U	1900 U	1900 U	1900 U	2100 U
4-Bromophenyl phenyl ether	µg/kg	390 U	370 U	370 U	370 U	410 U
4-Chloro-3-methylphenol	µg/kg	390 U	370 U	370 U	370 U	410 U
4-Chloroaniline	µg/kg	390 U	370 U	370 U	370 U	410 U
4-Chlorophenyl phenyl ether	µg/kg	390 U	370 U	370 U	370 U	410 U
4-Methylphenol	µg/kg	390 U	370 U	370 U	370 U	410 U
4-Nitroaniline	µg/kg	2000 U	1900 U	1900 U	1900 U	2100 U
4-Nitrophenol	µg/kg	2000 U	1900 U	1900 U	1900 U	2100 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
BCP INVESTIGATIONS, BUILDING 7 SOILS
GM-LOCKPORT
LOCKPORT, NEW YORK
DECEMBER 2010 - JANUARY 2011

	Sample Location:	*7-SB-5*	*7-SB-6*	*7-SB-7*	*7-SB-8*	*7-SB-10*
	Sample ID:	*7-SB-5-122710-1115*	*7-SB-6-010411-0915*	*7-SB-7-010411-1315*	*7-SB-8-010411-1030*	*7-SB-10-010411-1440*
	Sample Date:	*12/27/2010*	*1/4/2011*	*1/4/2011*	*1/4/2011*	*1/4/2011*
Parameters	*Units*					
Semi-volatile Organic Compounds (Cont'd.)						
Acenaphthene	µg/kg	80 U	75 U	75 U	76 U	82 U
Acenaphthylene	µg/kg	80 U	75 U	75 U	76 U	82 U
Acetophenone	µg/kg	390 U	370 U	370 U	370 U	410 U
Anthracene	µg/kg	80 U	75 U	75 U	76 U	82 U
Atrazine	µg/kg	390 U	370 U	370 U	370 U	410 U
Benzaldehyde	µg/kg	390 U	370 U	370 U	370 U	410 U
Benzo(a)anthracene	µg/kg	80 U	75 U	75 U	76 U	28 J
Benzo(a)pyrene	µg/kg	80 U	75 U	75 U	76 U	30 J
Benzo(b)fluoranthene	µg/kg	80 U	75 U	75 U	76 U	49 J
Benzo(g,h,i)perylene	µg/kg	80 U	75 U	75 U	76 U	82 U
Benzo(k)fluoranthene	µg/kg	80 U	75 U	75 U	76 U	82 U
Biphenyl (1,1-Biphenyl)	µg/kg	390 U	370 U	370 U	370 U	410 U
bis(2-Chloroethoxy)methane	µg/kg	390 U	370 U	370 U	370 U	410 U
bis(2-Chloroethyl)ether	µg/kg	80 U	75 U	75 U	76 U	82 U
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	800 U	750 U	750 U	760 U	820 U
Butyl benzylphthalate (BBP)	µg/kg	390 U	370 U	370 U	370 U	410 U
Caprolactam	µg/kg	2000 U	1900 U	1900 U	1900 U	2100 U
Carbazole	µg/kg	80 U	75 U	75 U	76 U	82 U
Chrysene	µg/kg	80 U	75 U	75 U	76 U	30 J
Dibenz(a,h)anthracene	µg/kg	80 U	75 U	75 U	76 U	82 U
Dibenzofuran	µg/kg	390 U	370 U	370 U	370 U	410 U
Diethyl phthalate	µg/kg	390 U	370 U	370 U	370 U	410 U
Dimethyl phthalate	µg/kg	390 U	370 U	370 U	370 U	410 U
Di-n-butylphthalate (DBP)	µg/kg	390 U	370 U	370 U	370 U	410 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
BCP INVESTIGATIONS, BUILDING 7 SOILS
GM-LOCKPORT
LOCKPORT, NEW YORK
DECEMBER 2010 - JANUARY 2011

	Sample Location:	*7-SB-5*	*7-SB-6*	*7-SB-7*	*7-SB-8*	*7-SB-10*
	Sample ID:	*7-SB-5-122710-1115*	*7-SB-6-010411-0915*	*7-SB-7-010411-1315*	*7-SB-8-010411-1030*	*7-SB-10-010411-1440*
	Sample Date:	*12/27/2010*	*1/4/2011*	*1/4/2011*	*1/4/2011*	*1/4/2011*
Parameters	***Units***					
Semi-volatile Organic Compounds (Cont'd.)						
Di-n-octyl phthalate (DnOP)	µg/kg	390 U	370 U	370 U	370 U	410 U
Fluoranthene	µg/kg	80 U	75 U	75 U	76 U	39 J
Fluorene	µg/kg	80 U	75 U	75 U	76 U	82 U
Hexachlorobenzene	µg/kg	80 U	75 U	75 U	76 U	82 U
Hexachlorobutadiene	µg/kg	80 U	75 U	75 U	76 U	82 U
Hexachlorocyclopentadiene	µg/kg	390 U	370 U	370 U	370 U	410 U
Hexachloroethane	µg/kg	390 U	370 U	370 U	370 U	410 U
Indeno(1,2,3-cd)pyrene	µg/kg	80 U	75 U	75 U	76 U	82 U
Isophorone	µg/kg	390 U	370 U	370 U	370 U	410 U
Naphthalene	µg/kg	80 U	75 U	75 U	76 U	35 J
Nitrobenzene	µg/kg	800 U	750 U	750 U	760 U	820 U
N-Nitrosodi-n-propylamine	µg/kg	80 U	75 U	75 U	76 U	82 U
N-Nitrosodiphenylamine	µg/kg	390 U	370 U	370 U	370 U	410 U
Pentachlorophenol	µg/kg	390 U	370 U	370 U	370 U	410 U
Phenanthrene	µg/kg	80 U	75 U	75 U	76 U	37 J
Phenol	µg/kg	80 U	75 U	75 U	76 U	82 U
Pyrene	µg/kg	80 U	75 U	75 U	76 U	34 J
Metals						
Aluminum	mg/kg	13100	6700	5520	5140	13600
Antimony	mg/kg	1.1 U	1.1 UJ	0.96 UJ	1.0 UJ	1.2 UJ
Arsenic	mg/kg	3.9	3.3	2.2	2.9	14.3
Barium	mg/kg	110	78.6	62.6	76.4	99.1

TABLE 3

ANALYTICAL RESULTS SUMMARY
BCP INVESTIGATIONS, BUILDING 7 SOILS
GM-LOCKPORT
LOCKPORT, NEW YORK
DECEMBER 2010 - JANUARY 2011

	Sample Location:	*7-SB-5*	*7-SB-6*	*7-SB-7*	*7-SB-8*	*7-SB-10*
	Sample ID:	*7-SB-5-122710-1115*	*7-SB-6-010411-0915*	*7-SB-7-010411-1315*	*7-SB-8-010411-1030*	*7-SB-10-010411-1440*
	Sample Date:	*12/27/2010*	*1/4/2011*	*1/4/2011*	*1/4/2011*	*1/4/2011*
Parameters	*Units*					
Metals (Cont'd.)						
Beryllium	mg/kg	0.88	0.41 J	0.35 J	0.34 J	0.57
Cadmium	mg/kg	0.55 U	0.29 J	0.51	0.20 J	1.2
Calcium	mg/kg	14600	51400	69800	34100	2850
Chromium	mg/kg	19.9	10.8	7.3	8.1	28.9
Cobalt	mg/kg	9.7	6.7	5.3	6.0	9.7
Copper	mg/kg	19.5	20.5	16.5	20.0	121
Iron	mg/kg	23100	16100	15500	12900	21000
Lead	mg/kg	6.8	4.4	4.4	4.6	41.3
Magnesium	mg/kg	5700	12800	13500	5900	3720
Manganese	mg/kg	800	694	547	485	303
Mercury	mg/kg	0.040 U	0.037 U	0.037 U	0.037 U	0.034 J
Nickel	mg/kg	24.0	13.3	9.1	11.6	20.3
Potassium	mg/kg	1430	1330	1050	941	1490
Selenium	mg/kg	0.55 U	0.55 U	0.48 U	0.50 U	0.87
Silver	mg/kg	0.22 J	0.11 J	0.097 J	0.095 J	0.11 J
Sodium	mg/kg	66.6 J	190 J	621	171 J	114 J
Thallium	mg/kg	1.1 U	1.1 U	0.96 U	1.0 U	1.2 U
Vanadium	mg/kg	25.9	15.9	13.3	14.2	33.9
Zinc	mg/kg	41.9	34.3 J	110 J	27.5 J	54.7 J
Polychlorinated Biphenyls						
Aroclor-1016 (PCB-1016)	µg/kg	20 U	19 U	19 U	19 U	20 U
Aroclor-1221 (PCB-1221)	µg/kg	20 U	19 U	19 U	19 U	20 U
Aroclor-1232 (PCB-1232)	µg/kg	20 U	19 U	19 U	19 U	20 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
BCP INVESTIGATIONS, BUILDING 7 SOILS
GM-LOCKPORT
LOCKPORT, NEW YORK
DECEMBER 2010 - JANUARY 2011

	Sample Location:	*7-SB-5*	*7-SB-6*	*7-SB-7*	*7-SB-8*	*7-SB-10*
	Sample ID:	*7-SB-5-122710-1115*	*7-SB-6-010411-0915*	*7-SB-7-010411-1315*	*7-SB-8-010411-1030*	*7-SB-10-010411-1440*
	Sample Date:	*12/27/2010*	*1/4/2011*	*1/4/2011*	*1/4/2011*	*1/4/2011*
Parameters	*Units*					
Polychlorinated Biphenyls (Cont'd.)						
Aroclor-1242 (PCB-1242)	µg/kg	20 U	19 U	19 U	19 U	20 U
Aroclor-1248 (PCB-1248)	µg/kg	20 U	19 U	19 U	19 U	20 U
Aroclor-1254 (PCB-1254)	µg/kg	20 U	19 U	19 U	19 U	20 U
Aroclor-1260 (PCB-1260)	µg/kg	20 U	19 U	19 U	19 U	20 U
General Chemistry						
Total solids	%	83.1	89.8	88.8	88.1	81.3

TABLE 3

ANALYTICAL RESULTS SUMMARY
BCP INVESTIGATIONS, BUILDING 7 SOILS
GM-LOCKPORT
LOCKPORT, NEW YORK
DECEMBER 2010 - JANUARY 2011

	Sample Location:	*7-SB-11*	*7-SB-12*	*MW-7-5*	*MW-7-6*
	Sample ID:	*7-SB-11-010411-1215*	*7-SB-12-010411-1100*	*MW-7-5-010411-0815*	*MW-7-6-010411-0845*
	Sample Date:	*1/4/2011*	*1/4/2011*	*1/4/2011*	*1/4/2011*
Parameters	*Units*				
Volatile Organic Compounds					
1,1,1-Trichloroethane	µg/kg	5.8 U	6.1 U	5.8 U	5.5 U
1,1,2,2-Tetrachloroethane	µg/kg	5.8 U	6.1 U	5.8 U	5.5 U
1,1,2-Trichloroethane	µg/kg	5.8 U	6.1 U	5.8 U	5.5 U
1,1-Dichloroethane	µg/kg	5.8 U	6.1 U	5.8 U	5.5 U
1,1-Dichloroethene	µg/kg	5.8 U	6.1 U	5.8 U	5.5 U
1,2,4-Trichlorobenzene	µg/kg	5.8 U	6.1 U	5.8 U	5.5 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	5.8 U	6.1 U	5.8 U	5.5 U
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	5.8 U	6.1 U	5.8 U	5.5 U
1,2-Dichlorobenzene	µg/kg	5.8 U	6.1 U	5.8 U	5.5 U
1,2-Dichloroethane	µg/kg	5.8 U	6.1 U	5.8 U	5.5 U
1,2-Dichloropropane	µg/kg	5.8 U	6.1 U	5.8 U	5.5 U
1,3-Dichlorobenzene	µg/kg	5.8 U	6.1 U	5.8 U	5.5 U
1,4-Dichlorobenzene	µg/kg	5.8 U	6.1 U	5.8 U	5.5 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	5.8 U	6.1 U	5.8 U	5.5 U
2-Hexanone	µg/kg	5.8 U	6.1 U	5.8 U	5.5 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	5.8 U	6.1 U	5.8 U	5.5 U
Acetone	µg/kg	23 U	6.4 J	23 U	22 U
Benzene	µg/kg	5.8 U	6.1 U	5.8 U	5.5 U
Bromodichloromethane	µg/kg	5.8 U	6.1 U	5.8 U	5.5 U
Bromoform	µg/kg	5.8 U	6.1 U	5.8 U	5.5 U
Bromomethane (Methyl bromide)	µg/kg	5.8 U	6.1 U	5.8 U	5.5 U
Carbon disulfide	µg/kg	5.8 U	6.1 U	5.8 U	5.5 U
Carbon tetrachloride	µg/kg	5.8 U	6.1 U	5.8 U	5.5 U
Chlorobenzene	µg/kg	5.8 U	6.1 U	5.8 U	5.5 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
BCP INVESTIGATIONS, BUILDING 7 SOILS
GM-LOCKPORT
LOCKPORT, NEW YORK
DECEMBER 2010 - JANUARY 2011

	Sample Location:	*7-SB-11*	*7-SB-12*	*MW-7-5*	*MW-7-6*
	Sample ID:	*7-SB-11-010411-1215*	*7-SB-12-010411-1100*	*MW-7-5-010411-0815*	*MW-7-6-010411-0845*
	Sample Date:	*1/4/2011*	*1/4/2011*	*1/4/2011*	*1/4/2011*
Parameters	*Units*				
Volatile Organic Compounds (Cont'd.)					
Chloroethane	µg/kg	5.8 U	6.1 U	5.8 U	5.5 U
Chloroform (Trichloromethane)	µg/kg	5.8 U	6.1 U	5.8 U	5.5 U
Chloromethane (Methyl chloride)	µg/kg	5.8 U	6.1 U	5.8 U	5.5 U
cis-1,2-Dichloroethene	µg/kg	5.8 U	2.1 J	5.8 U	5.5 U
cis-1,3-Dichloropropene	µg/kg	5.8 U	6.1 U	5.8 U	5.5 U
Cyclohexane	µg/kg	5.8 U	6.1 U	5.8 U	5.5 U
Dibromochloromethane	µg/kg	5.8 U	6.1 U	5.8 U	5.5 U
Dichlorodifluoromethane (CFC-12)	µg/kg	5.8 U	6.1 U	5.8 U	5.5 U
Ethylbenzene	µg/kg	5.8 U	6.1 U	5.8 U	5.5 U
Isopropyl benzene	µg/kg	5.8 U	6.1 U	5.8 U	5.5 U
Methyl acetate	µg/kg	5.8 U	6.1 U	5.8 U	5.5 U
Methyl cyclohexane	µg/kg	5.8 U	6.1 U	5.8 U	5.5 U
Methyl tert butyl ether (MTBE)	µg/kg	5.8 U	6.1 U	5.8 U	5.5 U
Methylene chloride	µg/kg	5.8 U	6.1 U	5.8 U	5.5 U
Styrene	µg/kg	5.8 U	6.1 U	5.8 U	5.5 U
Tetrachloroethene	µg/kg	5.8 U	42	5.8 U	5.5 U
Toluene	µg/kg	5.8 U	6.1 U	5.8 U	5.5 U
trans-1,2-Dichloroethene	µg/kg	5.8 U	6.1 U	5.8 U	5.5 U
trans-1,3-Dichloropropene	µg/kg	5.8 U	6.1 U	5.8 U	5.5 U
Trichloroethene	µg/kg	5.8 U	8.3	5.8 U	5.5 U
Trichlorofluoromethane (CFC-11)	µg/kg	5.8 U	2.5 J	5.8 U	5.5 U
Trifluorotrichloroethane (Freon 113)	µg/kg	5.8 U	6.1 U	5.8 U	5.5 U
Vinyl chloride	µg/kg	5.8 U	6.1 U	5.8 U	5.5 U
Xylenes (total)	µg/kg	17 U	18 U	17 U	17 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
BCP INVESTIGATIONS, BUILDING 7 SOILS
GM-LOCKPORT
LOCKPORT, NEW YORK
DECEMBER 2010 - JANUARY 2011

	Sample Location:	*7-SB-11*	*7-SB-12*	*MW-7-5*	*MW-7-6*
	Sample ID:	*7-SB-11-010411-1215*	*7-SB-12-010411-1100*	*MW-7-5-010411-0815*	*MW-7-6-010411-0845*
	Sample Date:	*1/4/2011*	*1/4/2011*	*1/4/2011*	*1/4/2011*
Parameters	***Units***				
Semi-volatile Organic Compounds					
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	77 U	82 U	-	-
2,4,5-Trichlorophenol	µg/kg	380 U	410 U	-	-
2,4,6-Trichlorophenol	µg/kg	380 U	410 U	-	-
2,4-Dichlorophenol	µg/kg	77 U	82 U	-	-
2,4-Dimethylphenol	µg/kg	380 U	410 U	-	-
2,4-Dinitrophenol	µg/kg	1900 U	2100 U	-	-
2,4-Dinitrotoluene	µg/kg	380 U	240 J	-	-
2,6-Dinitrotoluene	µg/kg	380 U	410 U	-	-
2-Chloronaphthalene	µg/kg	77 U	82 U	-	-
2-Chlorophenol	µg/kg	380 U	410 U	-	-
2-Methylnaphthalene	µg/kg	77 U	34 J	-	-
2-Methylphenol	µg/kg	380 U	410 U	-	-
2-Nitroaniline	µg/kg	1900 U	2100 U	-	-
2-Nitrophenol	µg/kg	380 U	410 U	-	-
3,3'-Dichlorobenzidine	µg/kg	380 U	410 U	-	-
3-Nitroaniline	µg/kg	1900 U	2100 U	-	-
4,6-Dinitro-2-methylphenol	µg/kg	1900 U	2100 U	-	-
4-Bromophenyl phenyl ether	µg/kg	380 U	410 U	-	-
4-Chloro-3-methylphenol	µg/kg	380 U	410 U	-	-
4-Chloroaniline	µg/kg	380 U	410 U	-	-
4-Chlorophenyl phenyl ether	µg/kg	380 U	410 U	-	-
4-Methylphenol	µg/kg	380 U	410 U	-	-
4-Nitroaniline	µg/kg	1900 U	2100 U	-	-
4-Nitrophenol	µg/kg	1900 U	2100 U	-	-

TABLE 3

ANALYTICAL RESULTS SUMMARY
BCP INVESTIGATIONS, BUILDING 7 SOILS
GM-LOCKPORT
LOCKPORT, NEW YORK
DECEMBER 2010 - JANUARY 2011

Sample Location:	*7-SB-11*	*7-SB-12*	*MW-7-5*	*MW-7-6*
Sample ID:	*7-SB-11-010411-1215*	*7-SB-12-010411-1100*	*MW-7-5-010411-0815*	*MW-7-6-010411-0845*
Sample Date:	*1/4/2011*	*1/4/2011*	*1/4/2011*	*1/4/2011*
Parameters	***Units***			
Semi-volatile Organic Compounds (Cont'd.)				
Acenaphthene	µg/kg	77 U	82 U	-	-
Acenaphthylene	µg/kg	77 U	82 U	-	-
Acetophenone	µg/kg	380 U	410 U	-	-
Anthracene	µg/kg	77 U	18 J	-	-
Atrazine	µg/kg	380 U	410 U	-	-
Benzaldehyde	µg/kg	380 U	410 U	-	-
Benzo(a)anthracene	µg/kg	77 U	95	-	-
Benzo(a)pyrene	µg/kg	77 U	87	-	-
Benzo(b)fluoranthene	µg/kg	77 U	140	-	-
Benzo(g,h,i)perylene	µg/kg	77 U	63 J	-	-
Benzo(k)fluoranthene	µg/kg	77 U	82 U	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	380 U	410 U	-	-
bis(2-Chloroethoxy)methane	µg/kg	380 U	410 U	-	-
bis(2-Chloroethyl)ether	µg/kg	77 U	82 U	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	770 U	820 U	-	-
Butyl benzylphthalate (BBP)	µg/kg	380 U	410 U	-	-
Caprolactam	µg/kg	1900 U	2100 U	-	-
Carbazole	µg/kg	77 U	82 U	-	-
Chrysene	µg/kg	77 U	90	-	-
Dibenz(a,h)anthracene	µg/kg	77 U	16 J	-	-
Dibenzofuran	µg/kg	380 U	410 U	-	-
Diethyl phthalate	µg/kg	380 U	410 U	-	-
Dimethyl phthalate	µg/kg	380 U	410 U	-	-
Di-n-butylphthalate (DBP)	µg/kg	380 U	410 U	-	-

TABLE 3

ANALYTICAL RESULTS SUMMARY
BCP INVESTIGATIONS, BUILDING 7 SOILS
GM-LOCKPORT
LOCKPORT, NEW YORK
DECEMBER 2010 - JANUARY 2011

	Sample Location:	*7-SB-11*	*7-SB-12*	*MW-7-5*	*MW-7-6*
	Sample ID:	*7-SB-11-010411-1215*	*7-SB-12-010411-1100*	*MW-7-5-010411-0815*	*MW-7-6-010411-0845*
	Sample Date:	*1/4/2011*	*1/4/2011*	*1/4/2011*	*1/4/2011*
Parameters	***Units***				
Semi-volatile Organic Compounds (Cont'd.)					
Di-n-octyl phthalate (DnOP)	µg/kg	380 U	410 U	-	-
Fluoranthene	µg/kg	77 U	140	-	-
Fluorene	µg/kg	77 U	82 U	-	-
Hexachlorobenzene	µg/kg	77 U	82 U	-	-
Hexachlorobutadiene	µg/kg	77 U	82 U	-	-
Hexachlorocyclopentadiene	µg/kg	380 U	410 U	-	-
Hexachloroethane	µg/kg	380 U	410 U	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	77 U	51 J	-	-
Isophorone	µg/kg	380 U	410 U	-	-
Naphthalene	µg/kg	77 U	25 J	-	-
Nitrobenzene	µg/kg	770 U	820 U	-	-
N-Nitrosodi-n-propylamine	µg/kg	77 U	82 U	-	-
N-Nitrosodiphenylamine	µg/kg	380 U	410 U	-	-
Pentachlorophenol	µg/kg	380 U	410 U	-	-
Phenanthrene	µg/kg	77 U	95	-	-
Phenol	µg/kg	77 U	82 U	-	-
Pyrene	µg/kg	77 U	130	-	-
Metals					
Aluminum	mg/kg	6680	10600	-	-
Antimony	mg/kg	1.1 UJ	0.95 J	-	-
Arsenic	mg/kg	2.4	3.8	-	-
Barium	mg/kg	58.7	69.8	-	-

TABLE 3

ANALYTICAL RESULTS SUMMARY
BCP INVESTIGATIONS, BUILDING 7 SOILS
GM-LOCKPORT
LOCKPORT, NEW YORK
DECEMBER 2010 - JANUARY 2011

	Sample Location:	*7-SB-11*	*7-SB-12*	*MW-7-5*	*MW-7-6*
	Sample ID:	*7-SB-11-010411-1215*	*7-SB-12-010411-1100*	*MW-7-5-010411-0815*	*MW-7-6-010411-0845*
	Sample Date:	*1/4/2011*	*1/4/2011*	*1/4/2011*	*1/4/2011*
Parameters	*Units*				
Metals (Cont'd.)					
Beryllium	mg/kg	0.49	0.65	-	-
Cadmium	mg/kg	0.40 J	0.53 J	-	-
Calcium	mg/kg	44200	37000	-	-
Chromium	mg/kg	10.2	43.9	-	-
Cobalt	mg/kg	6.7	7.2	-	-
Copper	mg/kg	16.4	98.2	-	-
Iron	mg/kg	14100	18400	-	-
Lead	mg/kg	4.8	1620	-	-
Magnesium	mg/kg	7470	10300	-	-
Manganese	mg/kg	506	580	-	-
Mercury	mg/kg	0.038 U	0.073	-	-
Nickel	mg/kg	12.9	32.3	-	-
Potassium	mg/kg	1000	1320	-	-
Selenium	mg/kg	0.53 U	0.56 U	-	-
Silver	mg/kg	0.080 J	0.66	-	-
Sodium	mg/kg	110 J	1510	-	-
Thallium	mg/kg	1.1 U	1.1 U	-	-
Vanadium	mg/kg	17.0	21.4	-	-
Zinc	mg/kg	138 J	93.0 J	-	-
Polychlorinated Biphenyls					
Aroclor-1016 (PCB-1016)	µg/kg	19 U	20 U	-	-
Aroclor-1221 (PCB-1221)	µg/kg	19 U	20 U	-	-
Aroclor-1232 (PCB-1232)	µg/kg	19 U	20 U	-	-

TABLE 3

ANALYTICAL RESULTS SUMMARY
BCP INVESTIGATIONS, BUILDING 7 SOILS
GM-LOCKPORT
LOCKPORT, NEW YORK
DECEMBER 2010 - JANUARY 2011

	Sample Location:	*7-SB-11*	*7-SB-12*	*MW-7-5*	*MW-7-6*
	Sample ID:	*7-SB-11-010411-1215*	*7-SB-12-010411-1100*	*MW-7-5-010411-0815*	*MW-7-6-010411-0845*
	Sample Date:	*1/4/2011*	*1/4/2011*	*1/4/2011*	*1/4/2011*
Parameters	***Units***				
Polychlorinated Biphenyls (Cont'd.)					
Aroclor-1242 (PCB-1242)	µg/kg	19 U	20 U	-	-
Aroclor-1248 (PCB-1248)	µg/kg	19 U	20 U	-	-
Aroclor-1254 (PCB-1254)	µg/kg	19 U	20 U	-	-
Aroclor-1260 (PCB-1260)	µg/kg	19 U	20 U	-	-
General Chemistry					
Total solids	%	86.6	81.5	86.3	90.6

TABLE 3

ANALYTICAL RESULTS SUMMARY
BCP INVESTIGATIONS, BUILDING 7 SOILS
GM-LOCKPORT
LOCKPORT, NEW YORK
DECEMBER 2010 - JANUARY 2011

Sample Location:	*MW-7-7*	*MW-7-8*	*S-SB-9*
Sample ID:	*MW-7-7-12-21-10-1130*	*MW-7-8-12-22-10-1130*	*7-SB-9-010411-1350*
Sample Date:	*12/21/2010*	*12/22/2010*	*1/4/2011*
Parameters	***Units***		
Volatile Organic Compounds			
1,1,1-Trichloroethane	µg/kg	5.5 U	5.5 U	6.0 U
1,1,2,2-Tetrachloroethane	µg/kg	5.5 U	5.5 U	6.0 U
1,1,2-Trichloroethane	µg/kg	5.5 U	5.5 U	6.0 U
1,1-Dichloroethane	µg/kg	5.5 U	5.5 U	6.0 U
1,1-Dichloroethene	µg/kg	5.5 U	5.5 U	6.0 U
1,2,4-Trichlorobenzene	µg/kg	5.5 U	5.5 U	6.0 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	5.5 U	5.5 U	6.0 U
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	5.5 U	5.5 U	6.0 U
1,2-Dichlorobenzene	µg/kg	5.5 U	5.5 U	6.0 U
1,2-Dichloroethane	µg/kg	5.5 U	5.5 U	6.0 U
1,2-Dichloropropane	µg/kg	5.5 U	5.5 U	6.0 U
1,3-Dichlorobenzene	µg/kg	5.5 U	5.5 U	6.0 U
1,4-Dichlorobenzene	µg/kg	5.5 U	5.5 U	6.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	5.5 U	5.5 U	6.0 U
2-Hexanone	µg/kg	5.5 U	5.5 U	6.0 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	5.5 U	5.5 U	6.0 U
Acetone	µg/kg	22 U	22 U	24 U
Benzene	µg/kg	5.5 U	5.5 U	6.0 U
Bromodichloromethane	µg/kg	5.5 U	5.5 U	6.0 U
Bromoform	µg/kg	5.5 U	5.5 U	6.0 U
Bromomethane (Methyl bromide)	µg/kg	5.5 U	5.5 U	6.0 U
Carbon disulfide	µg/kg	5.5 U	5.5 U	6.0 U
Carbon tetrachloride	µg/kg	5.5 U	5.5 U	6.0 U
Chlorobenzene	µg/kg	5.5 U	5.5 U	6.0 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
BCP INVESTIGATIONS, BUILDING 7 SOILS
GM-LOCKPORT
LOCKPORT, NEW YORK
DECEMBER 2010 - JANUARY 2011

	Sample Location:	***MW-7-7***	***MW-7-8***	***S-SB-9***
	Sample ID:	***MW-7-7-12-21-10-1130***	***MW-7-8-12-22-10-1130***	***7-SB-9-010411-1350***
	Sample Date:	***12/21/2010***	***12/22/2010***	***1/4/2011***
Parameters	***Units***			
Volatile Organic Compounds (Cont'd.)				
Chloroethane	µg/kg	5.5 U	5.5 U	6.0 U
Chloroform (Trichloromethane)	µg/kg	5.5 U	5.5 U	6.0 U
Chloromethane (Methyl chloride)	µg/kg	5.5 U	5.5 U	6.0 U
cis-1,2-Dichloroethene	µg/kg	1.7 J	5.5 U	6.7
cis-1,3-Dichloropropene	µg/kg	5.5 U	5.5 U	6.0 U
Cyclohexane	µg/kg	5.5 U	5.5 U	6.0 U
Dibromochloromethane	µg/kg	5.5 U	5.5 U	6.0 U
Dichlorodifluoromethane (CFC-12)	µg/kg	5.5 U	5.5 U	6.0 U
Ethylbenzene	µg/kg	5.5 U	5.5 U	6.0 U
Isopropyl benzene	µg/kg	5.5 U	5.5 U	6.0 U
Methyl acetate	µg/kg	5.5 U	5.5 U	6.0 U
Methyl cyclohexane	µg/kg	5.5 U	5.5 U	6.0 U
Methyl tert butyl ether (MTBE)	µg/kg	5.5 U	5.5 U	6.0 U
Methylene chloride	µg/kg	5.5 U	5.5 U	6.0 U
Styrene	µg/kg	5.5 U	5.5 U	6.0 U
Tetrachloroethene	µg/kg	130	5.5 U	6.0 U
Toluene	µg/kg	5.5 U	5.5 U	6.0 U
trans-1,2-Dichloroethene	µg/kg	5.5 U	5.5 U	6.0 U
trans-1,3-Dichloropropene	µg/kg	5.5 U	5.5 U	6.0 U
Trichloroethene	µg/kg	2.6 J	5.5 U	6.0 U
Trichlorofluoromethane (CFC-11)	µg/kg	5.5 U	5.5 U	6.0 U
Trifluorotrichloroethane (Freon 113)	µg/kg	5.5 U	5.5 U	6.0 U
Vinyl chloride	µg/kg	5.5 U	5.5 U	6.0 U
Xylenes (total)	µg/kg	17 U	16 U	18 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
BCP INVESTIGATIONS, BUILDING 7 SOILS
GM-LOCKPORT
LOCKPORT, NEW YORK
DECEMBER 2010 - JANUARY 2011

	Sample Location:	***MW-7-7***	***MW-7-8***	***S-SB-9***
	Sample ID:	***MW-7-7-12-21-10-1130***	***MW-7-8-12-22-10-1130***	***7-SB-9-010411-1350***
	Sample Date:	***12/21/2010***	***12/22/2010***	***1/4/2011***
Parameters	***Units***			
Semi-volatile Organic Compounds				
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	80 U
2,4,5-Trichlorophenol	µg/kg	-	-	400 U
2,4,6-Trichlorophenol	µg/kg	-	-	400 U
2,4-Dichlorophenol	µg/kg	-	-	80 U
2,4-Dimethylphenol	µg/kg	-	-	400 U
2,4-Dinitrophenol	µg/kg	-	-	2000 U
2,4-Dinitrotoluene	µg/kg	-	-	400 U
2,6-Dinitrotoluene	µg/kg	-	-	400 U
2-Chloronaphthalene	µg/kg	-	-	80 U
2-Chlorophenol	µg/kg	-	-	400 U
2-Methylnaphthalene	µg/kg	-	-	80 U
2-Methylphenol	µg/kg	-	-	400 U
2-Nitroaniline	µg/kg	-	-	2000 U
2-Nitrophenol	µg/kg	-	-	400 U
3,3'-Dichlorobenzidine	µg/kg	-	-	400 U
3-Nitroaniline	µg/kg	-	-	2000 U
4,6-Dinitro-2-methylphenol	µg/kg	-	-	2000 U
4-Bromophenyl phenyl ether	µg/kg	-	-	400 U
4-Chloro-3-methylphenol	µg/kg	-	-	400 U
4-Chloroaniline	µg/kg	-	-	400 U
4-Chlorophenyl phenyl ether	µg/kg	-	-	400 U
4-Methylphenol	µg/kg	-	-	400 U
4-Nitroaniline	µg/kg	-	-	2000 U
4-Nitrophenol	µg/kg	-	-	2000 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
BCP INVESTIGATIONS, BUILDING 7 SOILS
GM-LOCKPORT
LOCKPORT, NEW YORK
DECEMBER 2010 - JANUARY 2011

	Sample Location:	*MW-7-7*	*MW-7-8*	*S-SB-9*
	Sample ID:	*MW-7-7-12-21-10-1130*	*MW-7-8-12-22-10-1130*	*7-SB-9-010411-1350*
	Sample Date:	*12/21/2010*	*12/22/2010*	*1/4/2011*
Parameters	*Units*			
Semi-volatile Organic Compounds (Cont'd.)				
Acenaphthene	µg/kg	-	-	80 U
Acenaphthylene	µg/kg	-	-	80 U
Acetophenone	µg/kg	-	-	400 U
Anthracene	µg/kg	-	-	80 U
Atrazine	µg/kg	-	-	400 U
Benzaldehyde	µg/kg	-	-	400 U
Benzo(a)anthracene	µg/kg	-	-	80 U
Benzo(a)pyrene	µg/kg	-	-	80 U
Benzo(b)fluoranthene	µg/kg	-	-	80 U
Benzo(g,h,i)perylene	µg/kg	-	-	80 U
Benzo(k)fluoranthene	µg/kg	-	-	80 U
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	400 U
bis(2-Chloroethoxy)methane	µg/kg	-	-	400 U
bis(2-Chloroethyl)ether	µg/kg	-	-	80 U
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	800 U
Butyl benzylphthalate (BBP)	µg/kg	-	-	400 U
Caprolactam	µg/kg	-	-	2000 U
Carbazole	µg/kg	-	-	80 U
Chrysene	µg/kg	-	-	80 U
Dibenz(a,h)anthracene	µg/kg	-	-	80 U
Dibenzofuran	µg/kg	-	-	400 U
Diethyl phthalate	µg/kg	-	-	400 U
Dimethyl phthalate	µg/kg	-	-	400 U
Di-n-butylphthalate (DBP)	µg/kg	-	-	400 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
BCP INVESTIGATIONS, BUILDING 7 SOILS
GM-LOCKPORT
LOCKPORT, NEW YORK
DECEMBER 2010 - JANUARY 2011

	Sample Location:	***MW-7-7***	***MW-7-8***	***S-SB-9***
	Sample ID:	***MW-7-7-12-21-10-1130***	***MW-7-8-12-22-10-1130***	***7-SB-9-010411-1350***
	Sample Date:	***12/21/2010***	***12/22/2010***	***1/4/2011***
Parameters	***Units***			
Semi-volatile Organic Compounds (Cont'd.)				
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	400 U
Fluoranthene	µg/kg	-	-	80 U
Fluorene	µg/kg	-	-	80 U
Hexachlorobenzene	µg/kg	-	-	80 U
Hexachlorobutadiene	µg/kg	-	-	80 U
Hexachlorocyclopentadiene	µg/kg	-	-	400 U
Hexachloroethane	µg/kg	-	-	400 U
Indeno(1,2,3-cd)pyrene	µg/kg	-	-	80 U
Isophorone	µg/kg	-	-	400 U
Naphthalene	µg/kg	-	-	80 U
Nitrobenzene	µg/kg	-	-	800 U
N-Nitrosodi-n-propylamine	µg/kg	-	-	80 U
N-Nitrosodiphenylamine	µg/kg	-	-	400 U
Pentachlorophenol	µg/kg	-	-	400 U
Phenanthrene	µg/kg	-	-	80 U
Phenol	µg/kg	-	-	80 U
Pyrene	µg/kg	-	-	80 U
Metals				
Aluminum	mg/kg	-	-	15000
Antimony	mg/kg	-	-	1.1 UJ
Arsenic	mg/kg	-	-	5.3
Barium	mg/kg	-	-	103

TABLE 3

ANALYTICAL RESULTS SUMMARY
BCP INVESTIGATIONS, BUILDING 7 SOILS
GM-LOCKPORT
LOCKPORT, NEW YORK
DECEMBER 2010 - JANUARY 2011

	Sample Location:	***MW-7-7***	***MW-7-8***	***S-SB-9***
	Sample ID:	***MW-7-7-12-21-10-1130***	***MW-7-8-12-22-10-1130***	***7-SB-9-010411-1350***
	Sample Date:	***12/21/2010***	***12/22/2010***	***1/4/2011***
Parameters	***Units***			
Metals (Cont'd.)				
Beryllium	mg/kg	-	-	0.77
Cadmium	mg/kg	-	-	0.39 J
Calcium	mg/kg	-	-	4360
Chromium	mg/kg	-	-	21.4
Cobalt	mg/kg	-	-	9.9
Copper	mg/kg	-	-	19.0
Iron	mg/kg	-	-	29200
Lead	mg/kg	-	-	5.6
Magnesium	mg/kg	-	-	6270
Manganese	mg/kg	-	-	226
Mercury	mg/kg	-	-	0.040 U
Nickel	mg/kg	-	-	25.6
Potassium	mg/kg	-	-	1730
Selenium	mg/kg	-	-	0.56 U
Silver	mg/kg	-	-	0.56 U
Sodium	mg/kg	-	-	217 J
Thallium	mg/kg	-	-	1.1 U
Vanadium	mg/kg	-	-	28.9
Zinc	mg/kg	-	-	55.7 J
Polychlorinated Biphenyls				
Aroclor-1016 (PCB-1016)	µg/kg	-	-	20 U
Aroclor-1221 (PCB-1221)	µg/kg	-	-	20 U
Aroclor-1232 (PCB-1232)	µg/kg	-	-	20 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
BCP INVESTIGATIONS, BUILDING 7 SOILS
GM-LOCKPORT
LOCKPORT, NEW YORK
DECEMBER 2010 - JANUARY 2011

	Sample Location:	*MW-7-7*	*MW-7-8*	*S-SB-9*
	Sample ID:	*MW-7-7-12-21-10-1130*	*MW-7-8-12-22-10-1130*	*7-SB-9-010411-1350*
	Sample Date:	*12/21/2010*	*12/22/2010*	*1/4/2011*
Parameters	***Units***			
Polychlorinated Biphenyls (Cont'd.)				
Aroclor-1242 (PCB-1242)	µg/kg	-	-	20 U
Aroclor-1248 (PCB-1248)	µg/kg	-	-	20 U
Aroclor-1254 (PCB-1254)	µg/kg	-	-	20 U
Aroclor-1260 (PCB-1260)	µg/kg	-	-	20 U
General Chemistry				
Total solids	%	90.8	91.0	82.7

Notes:
J - Estimated concentration.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
- - Not analyzed.

TABLE 4

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING CONTINUING CALIBRATION RESULTS
BCP INVESTIGATIONS, BUILDING 7 SOILS
GM-LOCKPORT
LOCKPORT, NEW YORK
DECEMBER 2010 - JANUARY 2011

Parameter	*Calibration Date*	*Compound*	*%D*	*Associated Sample ID*	*Qualified Sample Results*	*Units*
VOCs	01/12/11	4-Methyl-2-pentanone	66	7-SB-8-010411-1030	280 UJ	µg/Kg
VOCs	01/12/11	2-Hexanone	31	7-SB-8-010411-1030	280 UJ	µg/Kg
VOCs	01/12/11	Acetone	31	7-SB-8-010411-1030	1100 UJ	µg/Kg
VOCs	01/12/11	Chloromethane	28	7-SB-8-010411-1030	280 UJ	µg/Kg
VOCs	01/12/11	Chloroethane	31	7-SB-8-010411-1030	280 UJ	µg/Kg
VOCs	01/12/11	Trichlorofluoromethane	34	7-SB-8-010411-1030	280 UJ	µg/Kg
VOCs	01/12/11	Dichlorodifluoromethane	32	7-SB-8-010411-1030	280 UJ	µg/Kg
VOCs	01/12/11	2-Butanone	37	7-SB-8-010411-1030	280 UJ	µg/Kg
VOCs	01/12/11	Methyl acetate	40	7-SB-8-010411-1030	280 UJ	µg/Kg
VOCs	01/12/11	1,2-Dibromo-3-chloropropane	33	7-SB-8-010411-1030	280 UJ	µg/Kg
VOCs	01/04/11	Carbon disulfide	44	7-SB3-122910-1530	5.5 UJ	µg/Kg

Notes:

%D Percent Difference.
UJ Not detected, estimated reporting limit.

TABLE 5

QUALIFIED SAMPLE RESULTS DUE TO ANALYTE CONCENTRATIONS IN THE METHOD BLANKS
BCP INVESTIGATIONS, BUILDING 7 SOILS
GM-LOCKPORT
LOCKPORT, NEW YORK
DECEMBER 2010 - JANUARY 2011

Parameter	*Analysis Date*	*Analyte*	*Blank Result*	*Sample ID*	*Qualified Sample Result*	*Units*
Metals	01/10/11	Selenium	0.27	7-SB-10-010411-1440	0.87 U	mg/kg
Metals	01/10/11	Beryllium	0.089	7-SB3-122910-1530	0.41 U	mg/kg
VOCs	01/07/11	Methylene chloride	1.1J	7-SB-10-010411-1440	6.1 U	µg/Kg
				7-SB-11-010411-1215	5.8 U	µg/Kg
				7-SB-6-010411-0915	5.6 U	µg/Kg
				7-SB-7-010411-1315	5.6 U	µg/Kg
				7-SB-9-010411-1350	6.0 U	µg/Kg
				MW-7-5-010411-0815	5.8 U	µg/Kg
				MW-7-6-010411-0845	5.5 U	µg/Kg
VOCs	01/07/11	Tetrachloroethene	1.0J	7-SB-10-010411-1440	6.1 U	µg/Kg
				7-SB-11-010411-1215	5.8 U	µg/Kg
				7-SB-9-010411-1350	6.0 U	µg/Kg
				MW-7-5-010411-0815	5.8 U	µg/Kg
				MW-7-6-010411-0845	5.5 U	µg/Kg
VOCs	01/11/11	Methylene chloride	0.81J	7-SB-12-010411-1100	6.1 U	µg/Kg
VOCs	12/30/10	Methylene chloride	0.86J	MW-7-8-12-22-10-1130	5.5 U	µg/Kg
VOCs	01/04/10	Methylene chloride	0.77J	7-SB3-122910-1530	5.5 U	µg/Kg

Notes:

J Estimated.
U Not detected.
VOCs Volatile Organic Compounds.

TABLE 6

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERIES
BCP INVESTIGATIONS, BUILDING 7 SOILS
GM-LOCKPORT
LOCKPORT, NEW YORK
DECEMBER 2010 - JANUARY 2011

Parameter	*Associated Sample ID*	*Analyte*	*MS Recovery (percent)*	*MSD Recovery (percent)*	*RPD*	*Control Limits*		*Qualified Sample Result*	*Units*
						Recovery (percent)	*RPD (percent)*		
Metals	7-SB-10-010411-1440	Antimony	60	57	9.3	75-125	35	1.2 UJ	mg/Kg
	7-SB-11-010411-1215							1.1 UJ	mg/Kg
	7-SB-12-010411-1100							0.95 J	mg/Kg
	7-SB-6-010411-0915							1.1 UJ	mg/Kg
	7-SB-7-010411-1315							0.96 UJ	mg/Kg
	7-SB-8-010411-1030							1.0 UJ	mg/Kg
	7-SB-9-010411-1350							1.1 UJ	mg/Kg
Metals	7-SB3-122910-1530	Antimony	67	66	5.8	75-125	35	1.0 UJ	mg/Kg
Metals	7-SB-10-010411-1440	Zinc	67	39	9.7	75-125	35	54.7 J	mg/Kg
	7-SB-11-010411-1215							138 J	mg/Kg
	7-SB-12-010411-1100							93.0 J	mg/Kg
	7-SB-6-010411-0915							34.3 J	mg/Kg
	7-SB-7-010411-1315							110 J	mg/Kg
	7-SB-8-010411-1030							27.5 J	mg/Kg
	7-SB-9-010411-1350							55.7 J	mg/Kg

Notes:

J Estimated.
MS Matrix Spike.
MSD Matrix Spike Duplicate.
RPD Relative Percent Difference.
UJ Not detected, estimated reporting limit.

TABLE 7

QUALIFIED SAMPLES RESULTS DUE TO OUTLYING SERIAL DILUTIONS
BCP INVESTIGATIONS, BUILDING 7 SOILS
GM-LOCKPORT
LOCKPORT, NEW YORK
DECEMBER 2010 - JANUARY 2011

Sample ID	*Analyte*	*%D*	*Control Limits*	*Associated Samples*	*Qualified Sample Results*		*Units*
7-SB3-122910-1530	Aluminum	17.1	10	7-SB3-122910-1530	5040	J	mg/Kg
7-SB3-122910-1530	Iron	22.9	10	7-SB3-122910-1530	11300	J	mg/Kg
7-SB3-122910-1530	Magnesium	17.6	10	7-SB3-122910-1530	7130	J	mg/Kg
7-SB3-122910-1530	Manganese	22.5	10	7-SB3-122910-1530	484	J	mg/Kg
7-SB3-122910-1530	Barium	18.9	10	7-SB3-122910-1530	45.3	J	mg/Kg
7-SB3-122910-1530	Chromium	20.9	10	7-SB3-122910-1530	7.6	J	mg/Kg
7-SB3-122910-1530	Copper	14.7	10	7-SB3-122910-1530	16.8	J	mg/Kg
7-SB3-122910-1530	Vanadium	20.2	10	7-SB3-122910-1530	12.2	J	mg/Kg
7-SB3-122910-1530	Zinc	25.1	10	7-SB3-122910-1530	40.5	J	mg/Kg
7-SB3-122910-1530	Calcium	24.4	10	7-SB3-122910-1530	47200	J	mg/Kg

Notes:

%D Percent Difference.
J Estimated.

TABLE 8

QUALIFIED SAMPLE RESULTS DUE TO VARIABILITY IN FIELD DUPLICATE RESULTS
BCP INVESTIGATIONS, BUILDING 7 SOILS
GM-LOCKPORT
LOCKPORT, NEW YORK
DECEMBER 2010 - JANUARY 2011

Parameter	*Analyte*	*Original Sample ID*	*Qualified Sample Result*	*Duplicate Sample ID*	*Qualified Sample Result*	*RPD*	*Units*
Metals	Zinc	7-SB-4-122710-1015	70.4 J	DUP-122710-0001	40.5 J	53.9	mg/Kg

Notes:

J Estimated.
RPD Relative Percent Difference.

APPENDIX G

Groundwater Calculations – Hydraulic Conductivity

GZA GeoEnvironmental of New York
Engineers and Scientists

Project	GWTP Bldgs		File No.
Location		Date 7/12/11	By
Subject	GW Hydraulic Conductivities	Checked 7/12/11	By
Based on		Revised	By

Calculated Hydraulic Conductivities for GW in GWTP Bldgs 7, 8, & 10

Bldg 7

MW-7-1 : 1.0×10^{-4} cm/sec

MW-7-2 : 5.2×10^{-4} cm/sec

MW-7-3 : 1.7×10^{-4} cm/sec

MW-7-4 : 3.9×10^{-5} cm/sec

MW-7-5 : 1.6×10^{-4} cm/sec

Average for Bldg 7
1.7×10^{-4} cm/sec
(175 ft/yr)

Bldg 8

MW-8-1 : 9.9×10^{-4} cm/sec

MW-8-2 : 2.3×10^{-4} cm/sec

MW-8-3 : 9.7×10^{-6} cm/sec

MW-8-4 : 2.2×10^{-5} cm/sec

Average for Bldg 8
3.1×10^{-4} cm/sec ✓
(32.1 ft/yr)

Bldg 10

MW-10-2 : 6.4×10^{-5} cm/sec

MW-10-3 : 1.7×10^{-4} cm/sec

Average for Bldg 10
1.2×10^{-4} cm/sec ✓
(34 ft/yr)

Average for 11 wells in and around GWTP :
2.1×10^{-4} cm/sec

GZA GeoEnvironmental of New York
Engineers and Scientists

Project	[illegible]		File No.
Location	[illegible] NY	Date	By
Subject	[illegible] Velocity Calcs	Checked	By
Based on		Revised	By

Groundwater Velocity Calcs for Bldgs. 7, 8, & 10

Bldg. 7

$V = \frac{Ki}{n_e}$

K = hydraulic conductivity
i = gradient
n_e = effective porosity

Average Hydraulic Conductivity : 1.7×10^{-4} cm/sec

Hydraulic Gradient : 0.005

effective porosity : 2.5% to 5.0%

Velocity range from : $1.7 \times 10^{-4} \times 0.005 / 0.025 \approx 175$ ft/yr

to : $1.7 \times 10^{-4} \times 0.005 / 0.05 = 17.5$ ft/yr

Bldg. 3

Ave Hydraulic Conductivity : 3.1×10^{-4} cm/sec

Hydraulic Gradient : 0.003

effective porosity : 0.5% to 5%

Velocity range from : $3.1 \times 10^{-4} \times 0.003 / (0.05) \approx 33.3$ ft/yr

to : $3.1 \times 10^{-4} \times 0.003 / (0.1) = 36.3$ ft/yr

Bldg. 10

Ave Hydraulic Conductivity : 1.2×10^{-4} cm/sec

Hydraulic Gradient : 0.005

effective porosity : 0.5% 5%

[illegible] ≈ 125 ft/yr
[illegible] = 12.5 ft/yr

References: ① [illegible] Groundwater Flow [illegible] Taylor & Greene, Proceedings of the American Society of Civil Engineers, 1968.
② Practical Hydrogeology, Jenkins, A.P. Texas Tech University, 1982.
③ Applied Hydrogeology, 3rd Edition, C.W. Fetter, 1994

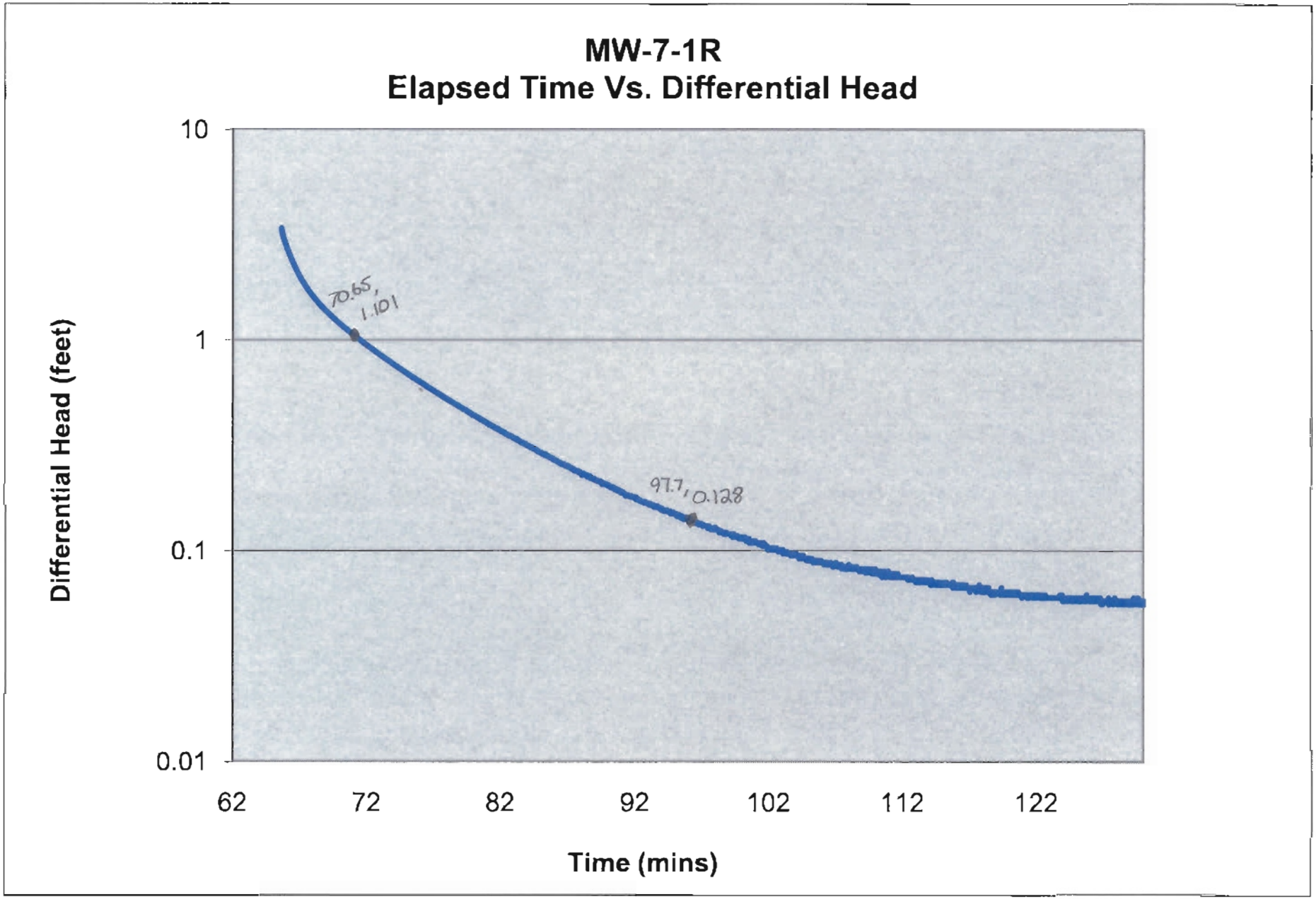
Bouwer & Rice Slug Test Method
Hydraulic Conductivity Calculation Worksheet

Project	GM Component Holdings, LLC Building 7	**Date**	7/11/2011
		Well No	MW-7-1R

H =	50.00	feet	(aquifer thickness =>assumed to top of Rochester Shale)
Le =	7.00	feet	(wetted screen length)
Lw =	19.25	feet	(length from bottom of well to static water table)
rw =	0.156	feet	(borehole radius)
rc =	0.083	feet	(well radius)
n =	0.30		(porosity of sand pack)
yo =	1.10	feet	(drawdown difference for initial reading at flat portion of curve--see log graph)
yt =	0.13	feet	(drawdown difference for end reading at flat portion of curve--see log graph)
t =	27.05	min	(change in time from yo to yt)
Le/rw=	44.9		(calculated ratio)
A =	2.90	ft at Le/rw	(from plot--Fig 2 in Bouwer and Rice)
B =	0.46	ft at Le/rw	(from plot--Fig 2 in Bouwer and Rice)
C =	2.47	ft at Le/rw	(from plot--Fig 2 in Bouwer and Rice)
rc' =	*0.110*		(effective radius)
m =	0.163		if well d = 2 inch, m = 0.163 if d = 4 inch, m = 0.653 if d = 6 inch, m = 1.469

FOR Lw<H

ln Re =	*1.018*		*K* =	*1.97E-04*	*ft/min*	*(hydraulic conductivity)*
Re =	*2.769*	*feet*	***K*** =	***9.99E-05***	***cm/sec***	***(hydraulic conductivity)***
			K =	*2.83E-01*	*ft/day*	*(hydraulic conductivity)*
			T =	*1.98E+00*	*ft²/day*	*(transmissivity)*
			T =	***14.83***	***gpd/ft***	***(transmissivity)***
			Q =	*0.0033*	*ft³/min*	*(flowrate)*
			Q =	*0.025*	*gpm*	*(flowrate)*


MW-7-1R
Elapsed Time Vs. Differential Head
Differential Head (feet)
10
1
0.1
0.01
62
72
82
92
102
112
122
Time (mins)
70.65, 1.101
97.7, 0.128

GZA GeoEnvironmental of New York
Engineers and Scientists

Page No.

Project	GM Components Holdings, LLC			File No.	21.0056[illegible].6
Location	Building 7, Lockport, NY	Date	7/15/11	By	JTB
Subject	MW-7-1R	Checked	[illegible]	By	[illegible]
Based on	[illegible]	Revised		By	

$$K = \frac{r_c^2 \ln(R_e/r_w)}{2Le} \times \frac{1}{t} \times \ln\frac{y_o}{y_t}$$

$$K = \frac{(0.110)^2 \ln(2.769/0.156)}{2(7)} \times \frac{1}{27.05} \times \ln\frac{1.1}{0.128}$$

$$K = \frac{0.0121 \ln(17.75)}{14} \times 0.0369 \times \ln 8.593$$

$$K = \frac{0.0121 \times 2.876}{14} \times 0.0369 \times 2.15$$

$$K = \frac{0.0348}{14} \times 0.0369 \times 2.15$$

$$K = 0.00248 \times 0.0369 \times 2.15$$

$$K = 1.97E^{-4} \text{ ft/min}$$

Project	GM COMPONENTS HOLDINGS, LLC			File No.	21.0056546
Location	BUILDING 7, LOCKPORT, NY	Date	7/11/11	By	JJO
Subject	MW-7-1R	Checked		By	
Based on		Revised		By	

$$Ln\,Re = \ln(rw) + \left[\frac{1.1}{\ln(Lw/rw)} + \frac{A + B\ln[(H-Lw)/rw]}{Le/rw}\right]^{-1}$$

$$Ln\,Re = \ln(0.156) + \left[\frac{1.1}{\ln(19.25/0.156)} + \frac{2.90 + 0.46\ln[(50-19.25)/0.156]}{7/0.156}\right]^{-1}$$

$$Ln\,Re = -1.856 + \left[\frac{1.1}{4.815} + \frac{2.90 + 0.46\ln[197.1]}{44.87}\right]^{-1}$$

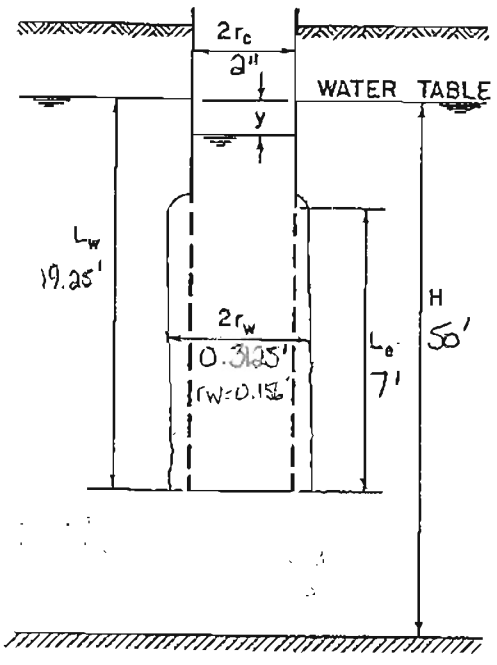
$$Ln\,Re = -1.856 + \left[0.228 + \frac{2.90 + 0.46 * 5.283}{44.87}\right]^{-1}$$

$$Ln\,Re = -1.856 + \left[0.228 + \frac{5.33}{44.87}\right]^{-1}$$

$$Ln\,Re = -1.856 + \left[0.346\right]^{-1}$$

$$Ln\,Re = -1.856 + 2.883$$

$$Ln\,Re = 1.02 \checkmark$$



Bouwer & Rice Slug Test Method
Hydraulic Conductivity Calculation Worksheet

Project	GM Component Holdings, LLC Building 7	**Date**	7/11/2011
		Well No	MW-7-5

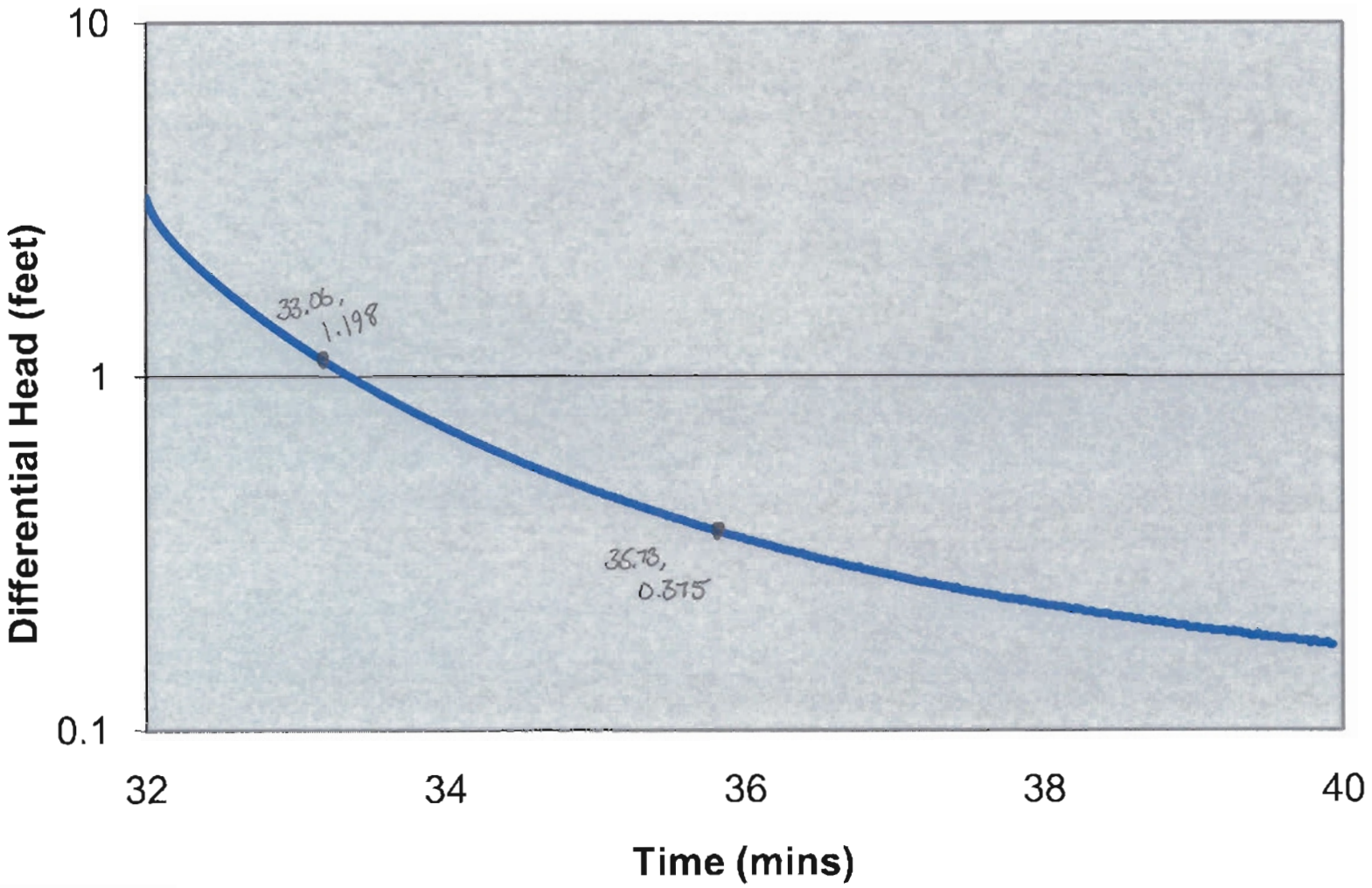
H =	50.00	feet	(aquifer thickness =>assumed to top of Rochester Shale)
Le =	7.00	feet	(wetted screen length)
Lw =	12.90	feet	(length from bottom of well to static water table)
rw =	0.156	feet	(borehole radius)
rc =	0.083	feet	(well radius)
n =	0.30		(porosity of sand pack)
yo =	1.20	feet	(drawdown difference for initial reading at flat portion of curve--see log graph)
yt =	0.38	feet	(drawdown difference for end reading at flat portion of curve--see log graph)
t =	2.67	min	(change in time from yo to yt)
Le/rw=	44.9		(calculated ratio)
A =	2.90	ft at Le/rw	(from plot--Fig 2 in Bouwer and Rice)
B =	0.46	ft at Le/rw	(from plot--Fig 2 in Bouwer and Rice)
C =	2.47	ft at Le/rw	(from plot--Fig 2 in Bouwer and Rice)
rc' =	*0.110*		(effective radius)

m =	0.163	if well d = 2 inch, m = 0.163 if d = 4 inch, m = 0.653 if d = 6 inch, m = 1.469

FOR Lw<H

ln Re =	*0.843*		*K =*	*1.02E-03*	*ft/min*	*(hydraulic conductivity)*
Re =	*2.322*	*feet*	***K =***	***5.17E-04***	***cm/sec***	***(hydraulic conductivity)***
			K =	*1.46E+00*	*ft/day*	*(hydraulic conductivity)*
			T =	*1.03E+01*	*ft^2/day*	*(transmissivity)*
			T =	***76.70***	***gpd/ft***	***(transmissivity)***
			Q =	*0.0198*	*ft^3/min*	*(flowrate)*
			Q =	*0.148*	*gpm*	*(flowrate)*

MW-7-5
Elapsed Time Vs. Differential Head



Bouwer & Rice Slug Test Method
Hydraulic Conductivity Calculation Worksheet

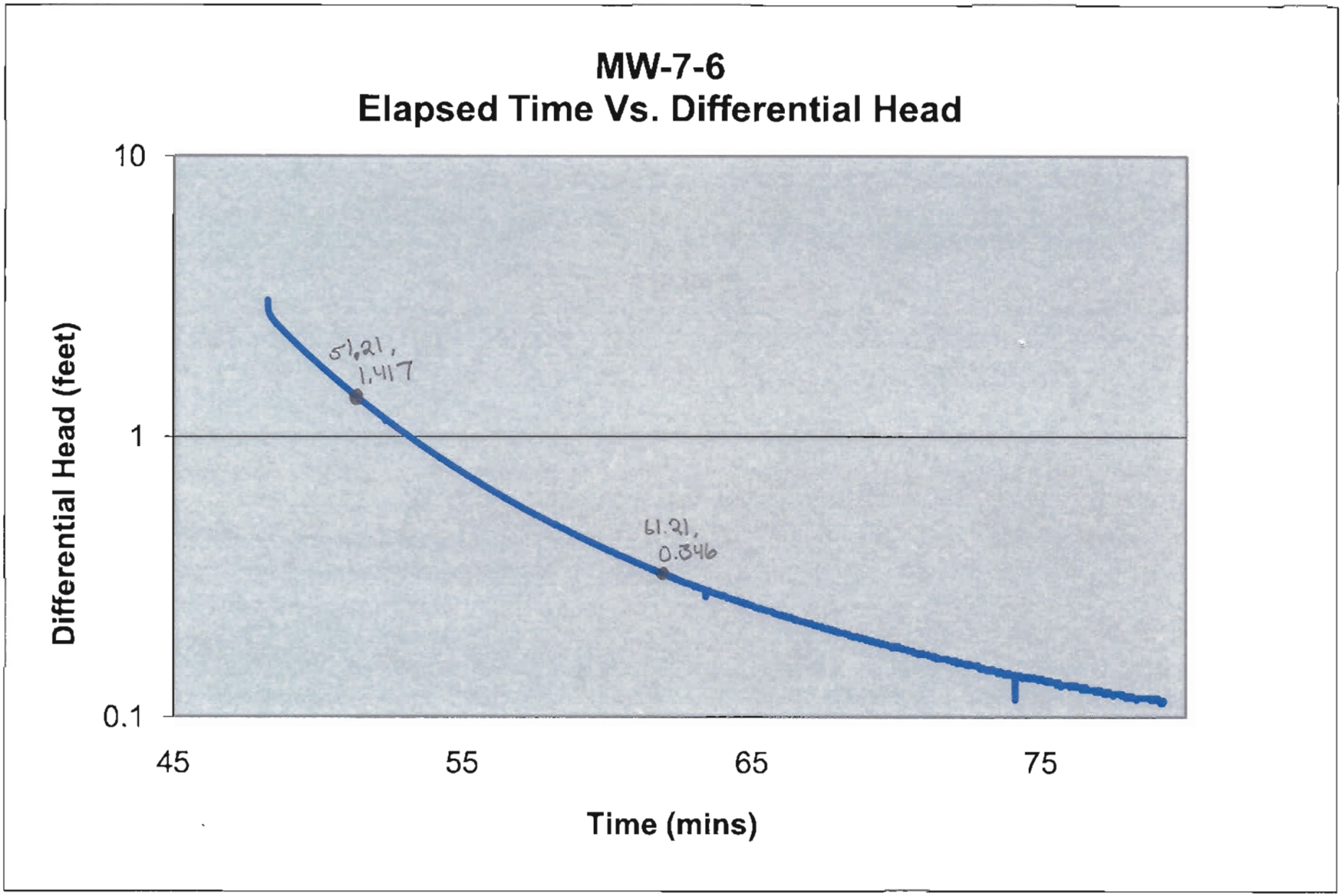
Project	GM Component Holdings, LLC Building 7	**Date**	7/11/2011
		Well No	MW-7-6

H =	50.00	feet	(aquifer thickness =>assumed to top of Rochester Shale)
Le =	7.00	feet	(wetted screen length)
Lw =	13.03	feet	(length from bottom of well to static water table)
rw =	0.156	feet	(borehole radius)
rc =	0.083	feet	(well radius)
n =	0.30		(porosity of sand pack)
yo =	1.42	feet	(drawdown difference for initial reading at flat portion of curve--see log graph)
yt =	0.35	feet	(drawdown difference for end reading at flat portion of curve--see log graph)
t =	10.00	min	(change in time from yo to yt)
Le/rw=	44.9		(calculated ratio)
A =	2.90	ft at Le/rw	(from plot--Fig 2 in Bouwer and Rice)
B =	0.46	ft at Le/rw	(from plot--Fig 2 in Bouwer and Rice)
C =	2.47	ft at Le/rw	(from plot--Fig 2 in Bouwer and Rice)
rc' =	*0.110*		(effective radius)

m =	0.163	if well d = 2 inch, m = 0.163 if d = 4 inch, m = 0.653 if d = 6 inch, m = 1.469

FOR Lw<H

ln Re =	*0.847*		*K* =	*3.30E-04*	*ft/min*	*(hydraulic conductivity)*
Re =	*2.333*	*feet*	***K*** =	***1.68E-04***	***cm/sec***	***(hydraulic conductivity)***
			K =	*4.76E-01*	*ft/day*	*(hydraulic conductivity)*
			T =	*3.33E+00*	*ft^2/day*	*(transmissivity)*
			T =	***24.90***	***gpd/ft***	***(transmissivity)***
			Q =	*0.0076*	*ft^3/min*	*(flowrate)*
			Q =	*0.057*	*gpm*	*(flowrate)*


MW-7-6
Elapsed Time Vs. Differential Head
10
1
0.1
Differential Head (feet)
51.21, 1.417
61.21, 0.346
45
55
65
75
Time (mins)

Bouwer & Rice Slug Test Method
Hydraulic Conductivity Calculation Worksheet

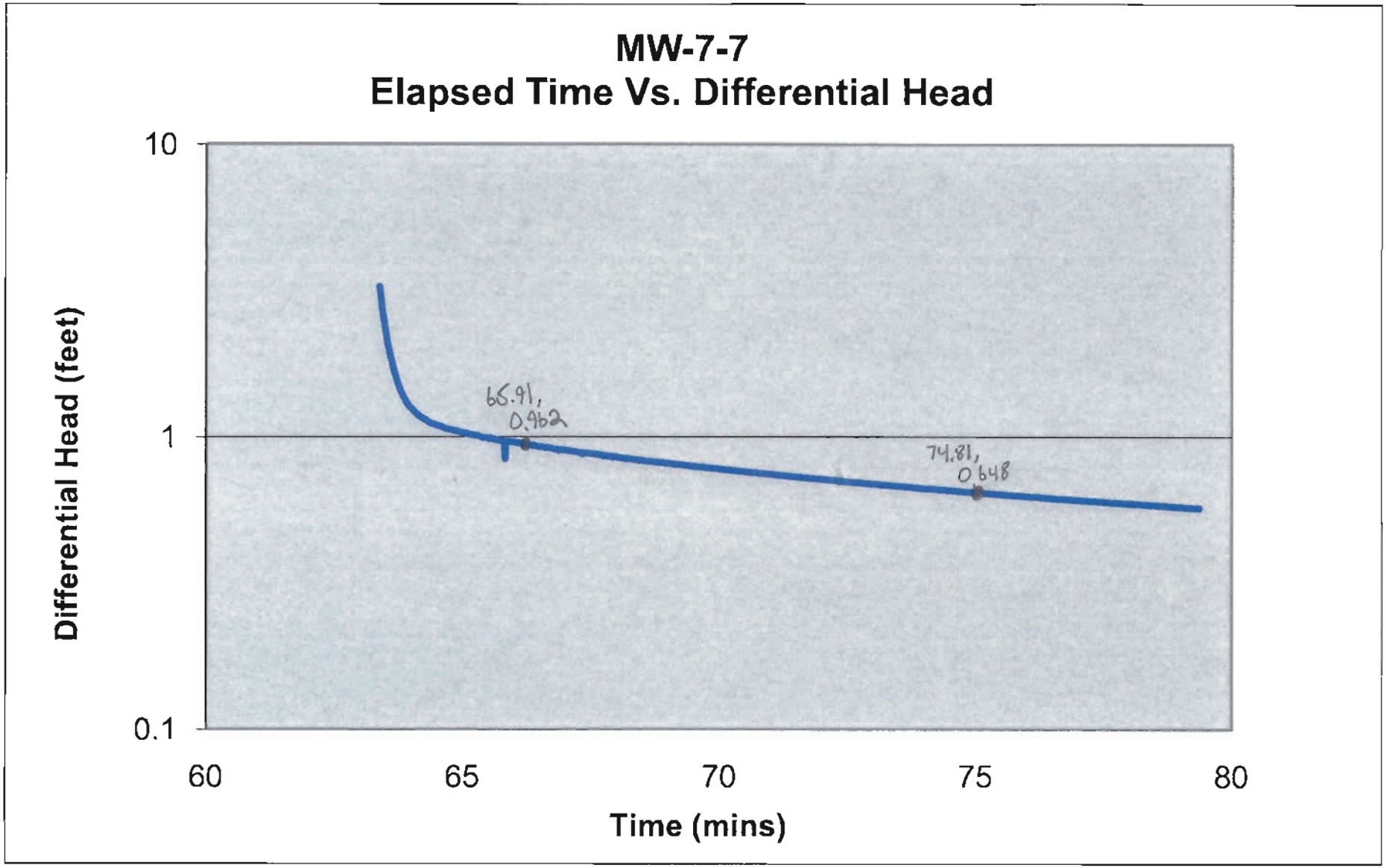
Project	GM Component Holdings, LLC Building 7	**Date**	7/11/2011
		Well No	MW-7-7

H =	50.00	feet	(aquifer thickness =>assumed to top of Rochester Shale)
Le =	10.00	feet	(wetted screen length)
Lw =	13.03	feet	(length from bottom of well to static water table)
rw =	0.156	feet	(borehole radius)
rc =	0.083	feet	(well radius)
n =	0.30		(porosity of sand pack)
yo =	0.96	feet	(drawdown difference for initial reading at flat portion of curve--see log graph)
yt =	0.65	feet	(drawdown difference for end reading at flat portion of curve--see log graph)
t =	8.90	min	(change in time from yo to yt)
Le/rw=	64.1		(calculated ratio)
A =	3.43	ft at Le/rw	(from plot--Fig 2 in Bouwer and Rice)
B =	0.56	ft at Le/rw	(from plot--Fig 2 in Bouwer and Rice)
C =	3.13	ft at Le/rw	(from plot--Fig 2 in Bouwer and Rice)
rc' =	*0.110*		(effective radius)

m =	0.163	if well d = 2 inch, m = 0.163 if d = 4 inch, m = 0.653 if d = 6 inch, m = 1.469

FOR Lw<H

ln Re =	*1.003*		*K =*	*7.70E-05*	*ft/min*	*(hydraulic conductivity)*
Re =	*2.726*	*feet*	***K =***	***3.91E-05***	***cm/sec***	***(hydraulic conductivity)***
			K =	*1.11E-01*	*ft/day*	*(hydraulic conductivity)*
			T =	*1.11E+00*	*ft^2/day*	*(transmissivity)*
			T =	***8.29***	***gpd/ft***	***(transmissivity)***
			Q =	*0.0016*	*ft^3/min*	*(flowrate)*
			Q =	*0.012*	*gpm*	*(flowrate)*


MW-7-7
Elapsed Time Vs. Differential Head
Differential Head (feet)
10
1
0.1
60
65
70
75
80
Time (mins)
65.91, 0.962
74.81, 0.648

Bouwer & Rice Slug Test Method
Hydraulic Conductivity Calculation Worksheet

Project	GM Component Holdings, LLC Building 7	**Date** **Well No**	7/11/2011 MW-7-8

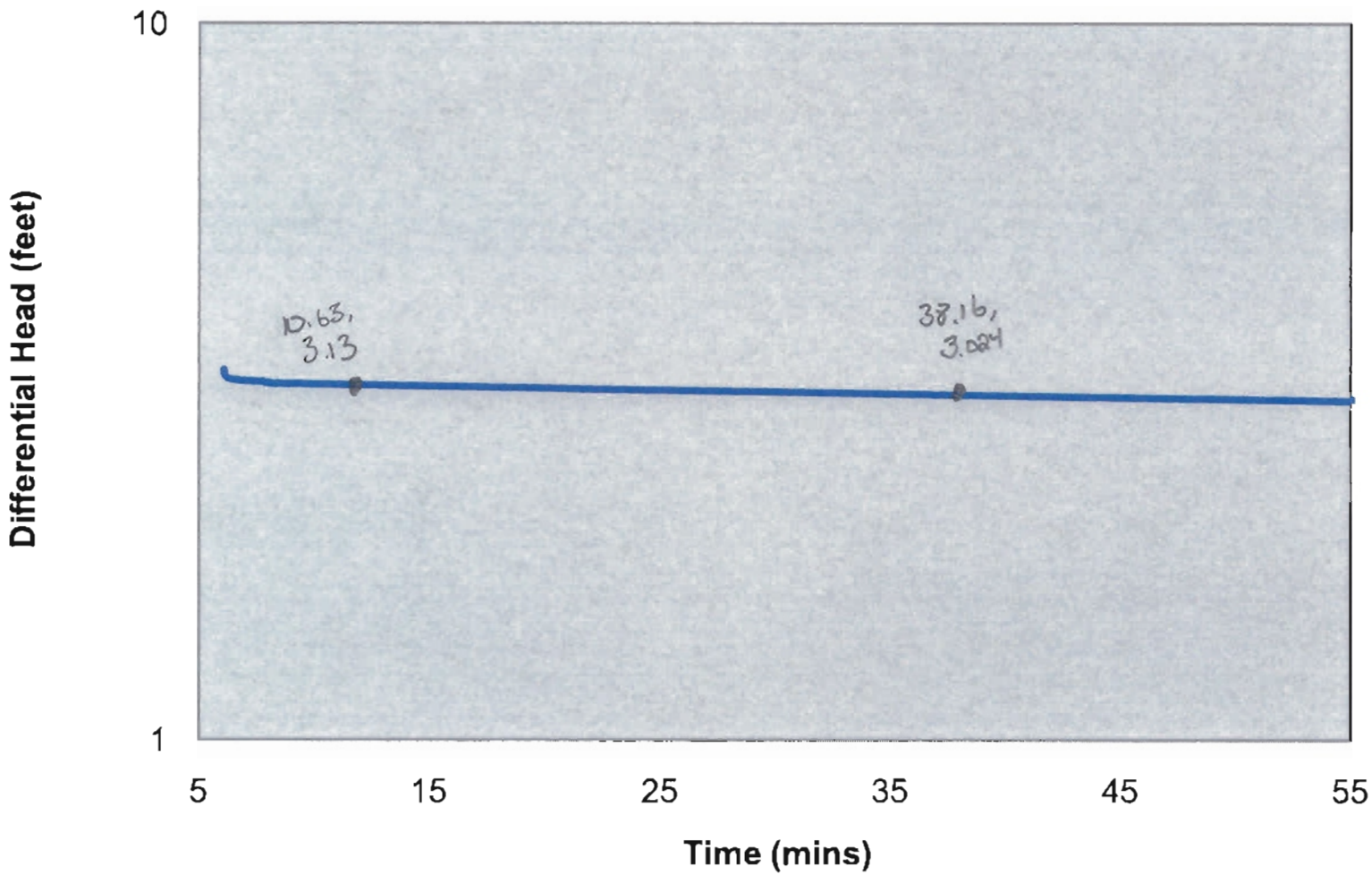
H =	50.00	feet	(aquifer thickness =>assumed to top of Rochester Shale)
Le =	7.00	feet	(wetted screen length)
Lw =	18.57	feet	(length from bottom of well to static water table)
rw =	0.156	feet	(borehole radius)
rc =	0.083	feet	(well radius)
n =	0.30		(porosity of sand pack)
yo =	3.13	feet	(drawdown difference for initial reading at flat portion of curve--see log graph)
yt =	3.02	feet	(drawdown difference for end reading at flat portion of curve--see log graph)
t =	27.53	min	(change in time from yo to yt)
Le/rw=	44.9		(calculated ratio)
A =	2.90	ft at Le/rw	(from plot--Fig 2 in Bouwer and Rice)
B =	0.46	ft at Le/rw	(from plot--Fig 2 in Bouwer and Rice)
C =	2.47	ft at Le/rw	(from plot--Fig 2 in Bouwer and Rice)
rc' =	*0.110*		(effective radius)

m =	0.163	if well d = 2 inch, m = 0.163 if d = 4 inch, m = 0.653 if d = 6 inch, m = 1.469

FOR Lw<H

ln Re =	*1.002*		*K =*	*3.10E-06*	*ft/min*	*(hydraulic conductivity)*
Re =	*2.725*	*feet*	***K =***	***1.57E-06***	***cm/sec***	***(hydraulic conductivity)***
			K =	*4.46E-03*	*ft/day*	*(hydraulic conductivity)*
			T =	*3.12E-02*	*ft^2/day*	*(transmissivity)*
			T =	***0.23***	***gpd/ft***	***(transmissivity)***
			Q =	*0.0001*	*ft^3/min*	*(flowrate)*
			Q =	*0.001*	*gpm*	*(flowrate)*

MW-7-8
Elapsed Time Vs. Differential Head



APPENDIX H

NYSDEC Natural Heritage Program Letters

GZA GeoEnvironmental

Engineers and Scientists

July 8, 2011
File No.: 21.0056546.00

Ms. Jean Pietrusiak
New York State Dept. of Environmental Conservation
Natural Heritage Unit
Albany, New York
Via Fax: 518-402-8925

Re: Ecological Assessment
GM Components Holdings Inc
Building 7 BCP Site
200 Upper Mountain Road
Lockport, New York 14094
BCP Site # C932139

535 Washington Street
11th Floor
Buffalo, New York
14203
716-685-2300
FAX 716-685-3629
www.gza.com

Dear Jean:

GZA GeoEnvironmental of New York (GZA) is preparing a Remedial Investigation for work conducted under the Brownfield Cleanup Program for the above referenced Site. The work is being completed with oversight from Mr. Glenn May in your NYSDEC Region 9 Office.

As part of the Report, we are in the process of determining if a Fish and Wildlife Resources Impact Analysis will be required. Therefore, we would like to have the Department check its files to determine if there are ecological concerns or habitat for endangered, threatened or special concern species present within ¼ mile at the Site. We are not aware of any at this time.

The Building 7 BCP Site a portion of a larger manufacturing facility located at 200 Upper Mountain Road, in the City of Lockport, New York. The attached Figure identifies the location Building 7 and identifies an approximate ¼ miles radius around the BCP Site.

If you need additional information or would like to discuss the project, please contact Chris Boron at (716) 844-7046 or (716) 570-5990.

Sincerely,

GZA GeoEnvironmental of New York

Christopher Boron
Senior Project Manager

An Equal Opportunity Employer M/F/V/H

DRAWN BY: DEW

DATE: NOVEMBER 2009

GZA GeoEnvironmental of New York

GM COMPONENTS HOLDINGS, LLC

LOCKPORT FACILITY
200 UPPER MOUNTAIN ROAD
LOCKPORT, NEW YORK
BUILDING 7
BROWNFIELD CLEANUP PROGRAM APPLICATION

LOCUS PLAN

NOTE:
BASE MAP ADAPTED FROM U.S.G.S. TOPOGRAPHIC MAPS DOWNLOADED FROM TERRASERVER.MICROSOFT.COM

NEW YORK

PROJECT No. 21.0056364.00

ATTACHMENT No 2

FIGURE No. 1

© 2009 GZA GeoEnvironmental of New York
G:\A-I\PROJECTS\56300s\56364 Depot SCP ... & SVE Work\SCP 4pp\BUILDING 7\FIGURE 1 LOCUS PLAN.dwg [Figure 1] July 08, 2011 - 5:12pm dlamendola

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Division of Fish, Wildlife & Marine Resources
625 Broadway, 5th Floor, Albany, New York 12233-4757
Phone: (518) 402-8935 • **Fax:** (518) 402-8925
Website: www.dec.ny.gov

Joe Martens
Commissioner

July 11, 2011

Christopher Boron
G Z W GeoEnvironmental
535 Washington St, 11th floor
Buffalo, NY 14203

Dear Mr. Boron:

In response to your recent request, we have reviewed the New York Natural Heritage Program database, with respect to an Environmental Assessment for the proposed Remedial Investigation under Brownfield Cleanup Program, GM Components Holdings, 3 Areas, - Bldg 7 BCP; Bldg 8 BCP; and Bldg 10 BCP, sites as indicated on the maps you provided, including a ¼ mile radius, located in the City of Lockport.

We have no records of rare or state listed animals or plants, significant natural communities or other significant habitats, on or in the immediate vicinity of your site.

The absence of data does not necessarily mean that rare or state-listed species, natural communities or other significant habitats do not exist on or adjacent to the proposed site. Rather, our files currently do not contain information which indicates their presence. For most sites, comprehensive field surveys have not been conducted. We cannot provide a definitive statement on the presence or absence of all rare or state-listed species or significant natural communities. This information should not be substituted for on-site surveys that may be required for environmental assessment.

Our databases are continually growing as records are added and updated. If this proposed project is still under development one year from now, we recommend that you contact us again so that we may update this response with the most current information.

This response applies only to known occurrences of rare or state-listed animals and plants, significant natural communities and other significant habitats maintained in the Natural Heritage Data bases. Your project may require additional review or permits; for information regarding other permits that may be required under state law for regulated areas or activities (e.g., regulated wetlands), please contact the appropriate NYS DEC Regional Office, Division of Environmental Permits, as listed at www.dec.ny.gov/about/39381.html.

Sincerely,

Jean Pietrusiak

Jean Pietrusiak, Information Services
NYS Department Environmental Conservation

Enc.
cc: Region 9

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APPENDIX I

Outfalls D002 and D003 Analytical Data

TABLE I-1
Outfall D002 Stormwater Data Summary Table
GMCH Lockport Facility

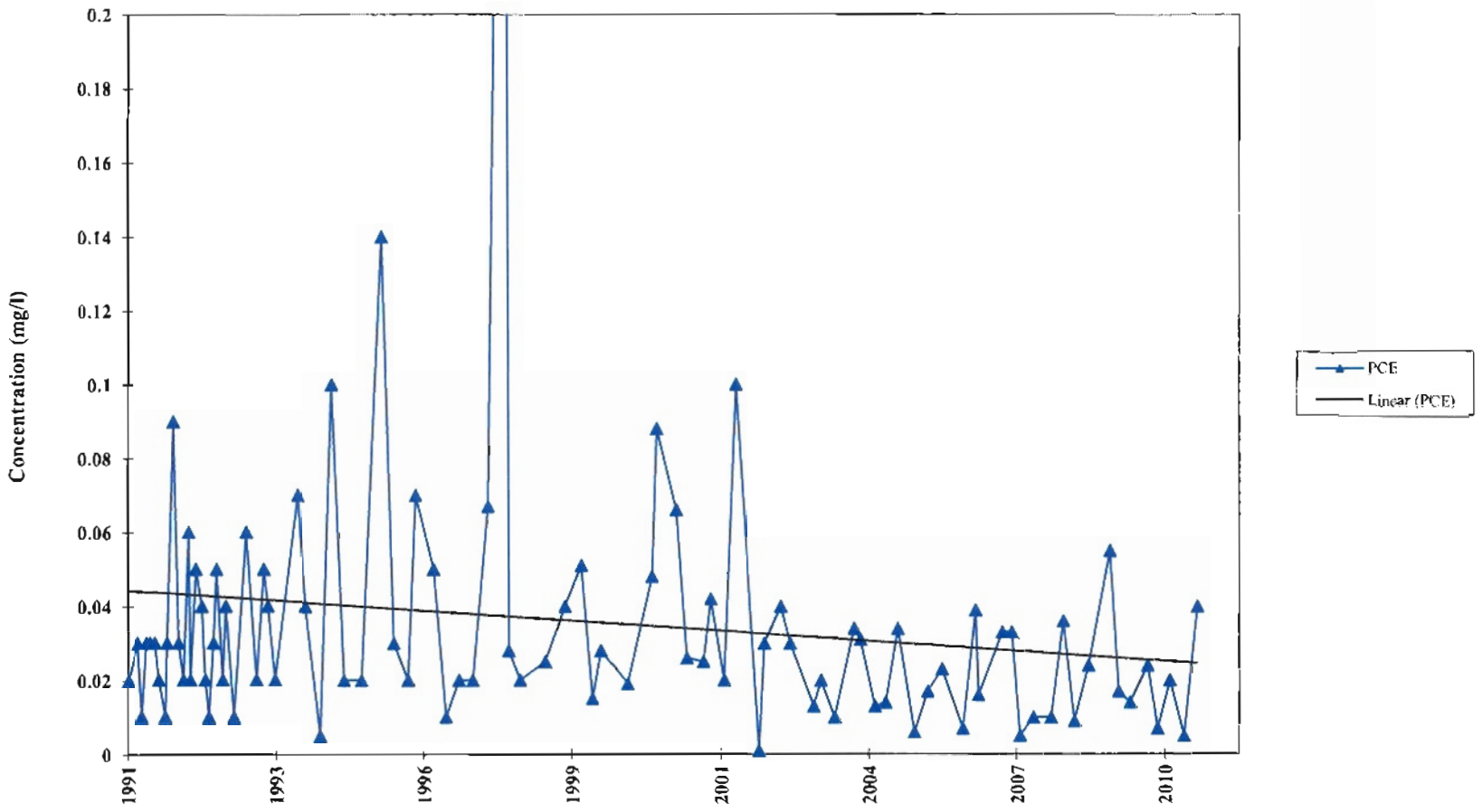
Date	TCE (mg/L)	DCE (mg/L)	PCE (mg/L)
1/16/1991	0.03	0.03	0.02
3/18/1991	0.06	0.05	0.03
4/15/1991	0.04	0.03	0.01
5/17/1991	0.07	0.05	0.03
6/11/1991	0.09	0.07	0.03
7/13/1991	0.09	0.09	0.03
8/9/1991	0.08	0.05	0.02
9/23/1991	0.05	0.04	0.01
10/4/1991	0.07	0.06	0.03
11/15/1991	0.12	0.10	0.09
12/21/1991	0.07	0.06	0.03
1/23/1992	0.03	0.03	0.02
2/28/1992	0.05	0.04	0.06
3/10/1992	0.04	0.04	0.02
4/16/1992	0.09	0.07	0.05
5/26/1992	0.09	0.06	0.04
6/19/1992	0.07	0.05	0.02
7/14/1992	0.03	0.03	0.01
8/13/1992	0.10	0.09	0.03
9/3/1992	0.14	0.09	0.05
10/15/1992	0.04	0.04	0.02
11/4/1992	0.09	0.08	0.04
12/30/1992	0.02	0.02	0.01
3/23/1993	0.11	0.09	0.06
5/31/1993	0.04	0.04	0.02
7/19/1993	0.17	0.18	0.05
8/16/1993	0.11	0.14	0.04
10/4/1993	0.05	0.04	0.02
3/6/1994	0.15	0.12	0.07
4/25/1994	0.06	0.05	0.04
8/4/1994	0.02	0.02	0.005
10/19/1994	0.07	0.06	0.10
1/12/1995	0.05	0.05	0.02
5/10/1995	0.03	0.02	0.02
9/20/1995	0.07	0.05	0.14
12/14/1995	0.02	0.01	0.03
3/20/1996	0.03	0.03	0.02
5/9/1996	0.07	0.05	0.07
9/7/1996	0.01	0.08	0.05
12/1/1996	0.02	0.01	0.01
2/26/1997	0.02	0.02	0.02
5/30/1997	0.03	0.03	0.02
9/10/1997	0.13	0.094	0.067
12/22/1997	0.064	0.056	0.44
1/29/1998	0.038	0.048	0.028
4/16/1998	0.034	0.044	0.02
10/1/1998	0.036	0.021	0.025
2/12/1999	0.074	0.074	0.04
6/2/1999	0.074	0.073	0.051
8/17/1999	0.042	0.043	0.015

TABLE I-1
Outfall D002 Stormwater Data Summary Table
GMCH Lockport Facility

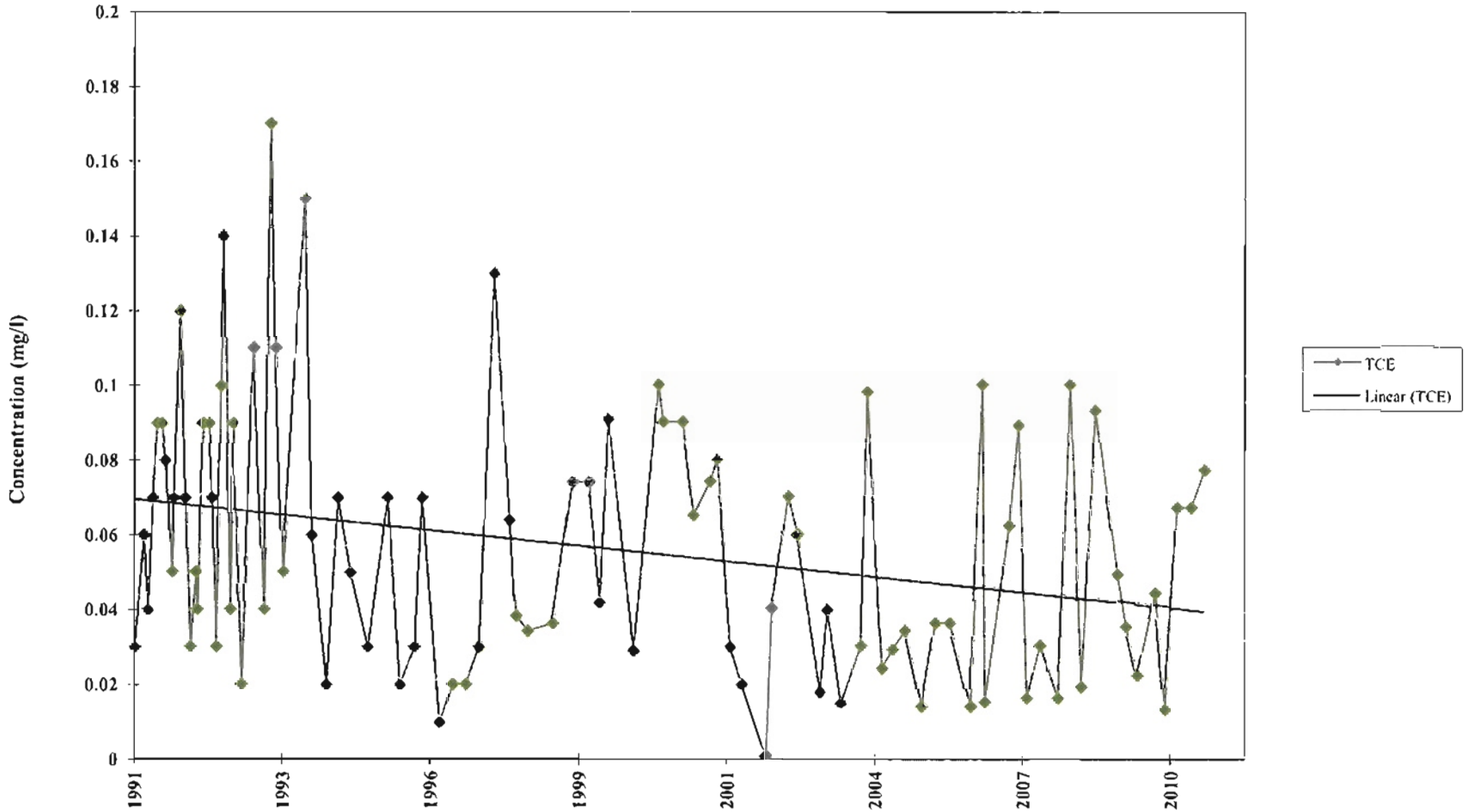
Date	TCE (mg/L)	DCE (mg/L)	PCE (mg/L)
10/13/1999	0.091	0.065	0.028
4/3/2000	0.029	0.022	0.019
9/14/2000	0.1	0.09	0.048
10/16/2000	0.09	0.1	0.088
2/25/2001	0.09	0.074	0.066
5/8/2001	0.065	0.053	0.026
8/28/2001	0.074	0.068	0.025
10/16/2001	0.08	0.066	0.042
1/15/2002	0.03	0.03	0.02
4/4/2002	0.02	0.02	0.1
9/10/2002	0.001	0.001	0.001
10/16/2002	0.04	0.04	0.03
2/4/2003	0.07	0.06	0.04
4/8/2003	0.06	0.06	0.03
9/15/2003	0.018	0.01	0.013
11/3/2003	0.04	0.03	0.02
2/3/2004	0.015	0.013	0.01
6/14/2004	0.03	0.036	0.034
7/27/2004	0.098	0.082	0.031
11/2/2004	0.024	0.019	0.013
1/12/2005	0.029	0.024	0.014
4/5/2005	0.034	0.025	0.034
7/26/2005	0.014	0.023	0.006
10/25/2005	0.036	0.033	0.017
1/29/2006	0.036	0.029	0.023
6/19/2006	0.014	0.011	0.007
9/13/2006	0.1	0.091	0.039
10/3/2006	0.015	0.014	0.016
3/13/2007	0.062	0.039	0.033
5/16/2007	0.089	0.062	0.033
7/11/2007	0.016	0.014	0.005
10/9/2007	0.03	0.035	0.01
2/5/2008	0.016	0.001	0.01
4/28/2008	0.1	0.002	0.0361
7/11/2008	0.019	0.002	0.009
10/15/2008	0.093	0.071	0.024
3/10/2009	0.049	0.0025	0.055
5/7/2009	0.035	0.0025	0.017
7/23/2009	0.022	0.0025	0.014
11/19/2009	0.044	0.0025	0.024
1/25/2010	0.013	0.0025	0.007
4/19/2010	0.067	0.0025	0.02
7/23/2010	0.067	0.0025	0.005
10/21/2010	0.077	0.0025	0.04

Notes:
1) Maximium values were reported for sampling events with multiple grad samples.
2) Shaded cell values are 1/2 the detection limited reports for results below method detection limits.

PCE Concentrations Over Time in Outfall 002



TCE Concentrations Over Time in Outfall 002



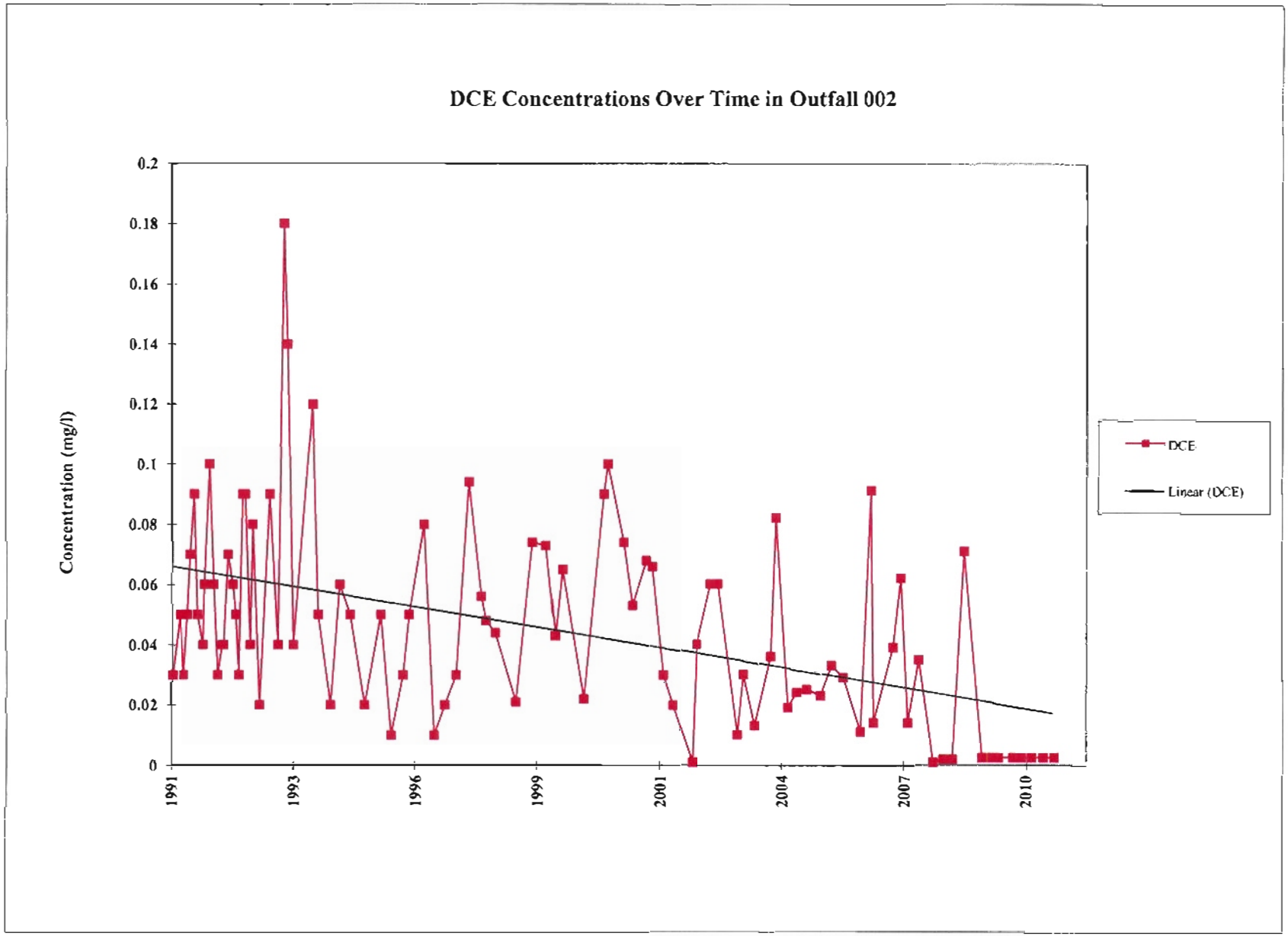
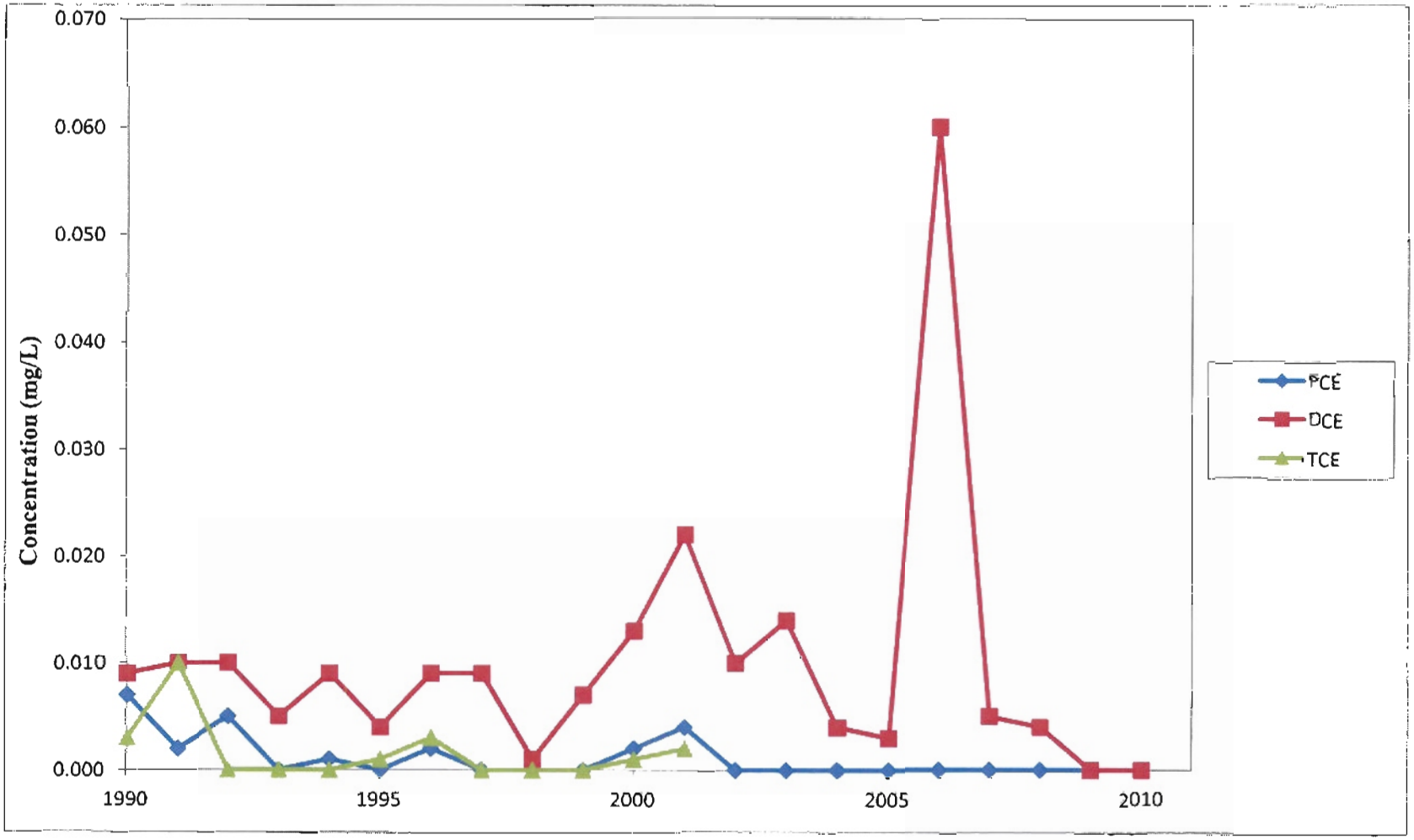

DCE Concentrations Over Time in Outfall 002
Concentration (mg/l)
0.2
0.18
0.16
0.14
0.12
0.1
0.08
0.06
0.04
0.02
0
1991
1993
1996
1999
2001
2004
2007
2010
DCE
Linear (DCE)

TABLE I-2
Outfall D003 Storm Water Data Summary Table
GMCH Lockport Facility

AVERAGE VOLATILE CONCENTRATIONS OBSERVED AT STORM OUTFALL D003 DURING COMPLIANCE MONITORING in MG/L (PPM)																					
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
PCE	0.007	0.002	0.005	<0.002	0.001	<0.001	0.002	<0.001	<0.001	<0.001	0.002	0.004	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.005
DCE	0.009	0.010	0.010	0.005	0.009	0.004	0.009	0.009	0.001	0.007	0.013	0.022	0.010	0.014	0.004	0.003	0.060	0.005	0.004	<0.005	<0.005
TCE	0.003	0.010	<0.001	<0.002	<0.001	0.001	0.003	<0.001	<0.001	<0.001	0.001	0.002	-	-	-	-	-	-	-	-	

Notes: 1) Monthly storm water monitoring initiated 2/90. Up to 4 grabs samples taken per storm event.
2) SPDES Permit modification effective 9/16/1993 changed monitoring frequency to quarterly.
3) Permit modification effective 8/1/2001 reduced number of grab samples to one per storm event and reduced parameter list (TCE no longer required at 003.)

Contaminants of Concern Concentration Over Time in Outfall D003



Outfall D002 Storm Water Flow Data
GMCH Lockport Facility

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
9/13/2010 10:00	0			
9/13/2010 11:00	0			
9/13/2010 12:00	0			
9/13/2010 13:00	0			
9/13/2010 14:00	0			
9/13/2010 15:00	0			
9/13/2010 16:00	0			
9/13/2010 17:00	0			
9/13/2010 18:00	0			
9/13/2010 19:00	0			
9/13/2010 20:00	0			
9/13/2010 21:00	0			
9/13/2010 22:00	0			
9/13/2010 23:00	0			
9/14/2010 0:00	0			
9/14/2010 1:00	0			
9/14/2010 2:00	0			
9/14/2010 3:00	0			
9/14/2010 4:00	0			
9/14/2010 5:00	0			
9/14/2010 6:00	0			
9/14/2010 7:00	0			
9/14/2010 8:00	0			
9/14/2010 9:00	0			
9/14/2010 10:00	0			
9/14/2010 11:00	0			
9/14/2010 12:00	0			
9/14/2010 13:00	0			
9/14/2010 14:00	0			
9/14/2010 15:00	0			
Flow Meter Failure from 9/14 to 10/22. Temporary Meter installed. See Temporary meter information attached as TABLE I-3.				
10/22/2010 12:00	43100			
10/22/2010 13:00	500			
10/22/2010 14:00	200			
10/22/2010 15:00	0			
10/22/2010 16:00	100			
10/22/2010 17:00	0			
10/22/2010 18:00	0			
10/22/2010 19:00	100			
10/22/2010 20:00	100			
10/22/2010 21:00	100			
10/22/2010 22:00	200			
10/22/2010 23:00	100			
10/23/2010 0:00	300			**Light Rain**
10/23/2010 1:00	200			
10/23/2010 2:00	200			
10/23/2010 3:00	100			
10/23/2010 4:00	200			
10/23/2010 5:00	200			
10/23/2010 6:00	100			
10/23/2010 7:00	200			
10/23/2010 8:00	100			
10/23/2010 9:00	200			
10/23/2010 10:00	100			
10/23/2010 11:00	100			
10/23/2010 12:00	0			
10/23/2010 13:00	0			
10/23/2010 14:00	0			
10/23/2010 15:00	0			
10/23/2010 16:00	0			
10/23/2010 17:00	200			
10/23/2010 18:00	54700			
10/23/2010 19:00	78800			

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
10/23/2010 20:00	48700			
10/23/2010 21:00	87200			
10/23/2010 22:00	101100			
10/23/2010 23:00	44300			
10/24/2010 0:00	23700			**Light Rain**
10/24/2010 1:00	17600			
10/24/2010 2:00	14100			
10/24/2010 3:00	11300			
10/24/2010 4:00	8600			
10/24/2010 5:00	6700			
10/24/2010 6:00	5700			
10/24/2010 7:00	4600			
10/24/2010 8:00	4300			
10/24/2010 9:00	4300			
10/24/2010 10:00	3500			
10/24/2010 11:00	2700			
10/24/2010 12:00	1800			
10/24/2010 13:00	1500			
10/24/2010 14:00	1000			
10/24/2010 15:00	500			
10/24/2010 16:00	100			
10/24/2010 17:00	0			
10/24/2010 18:00	100			
10/24/2010 19:00	0			
10/24/2010 20:00	300			
10/24/2010 21:00	500			
10/24/2010 22:00	400			
10/24/2010 23:00	300			
10/25/2010 0:00	3400			**Light Rain**
10/25/2010 1:00	18900			
10/25/2010 2:00	5500			
10/25/2010 3:00	3300			
10/25/2010 4:00	2700			
10/25/2010 5:00	2300			
10/25/2010 6:00	2000			
10/25/2010 7:00	2000			
10/25/2010 8:00	1700			
10/25/2010 9:00	900			
10/25/2010 10:00	7300			
10/25/2010 11:00	14300			
10/25/2010 12:00	6600			
10/25/2010 13:00	3600			
10/25/2010 14:00	1900			
10/25/2010 15:00	1100			
10/25/2010 16:00	1100			
10/25/2010 17:00	400			
10/25/2010 18:00	500			
10/25/2010 19:00	400			
10/25/2010 20:00	500			
10/25/2010 21:00	500			
10/25/2010 22:00	500			
10/25/2010 23:00	500			
10/26/2010 0:00	500			**Light Rain**
10/26/2010 1:00	400			
10/26/2010 2:00	600			
10/26/2010 3:00	500			
10/26/2010 4:00	500			
10/26/2010 5:00	300			
10/26/2010 6:00	300			
10/26/2010 7:00	600			
10/26/2010 8:00	500			
10/26/2010 9:00	600			
10/26/2010 10:00	300			

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
10/26/2010 11:00	400			
10/26/2010 12:00	700			
10/26/2010 13:00	1300			
10/26/2010 14:00	300			
10/26/2010 15:00	200			
10/26/2010 16:00	0			
10/26/2010 17:00	100			
10/26/2010 18:00	100			
10/26/2010 19:00	7100			
10/26/2010 20:00	43200			
10/26/2010 21:00	40800			
10/26/2010 22:00	94100			
10/26/2010 23:00	140000			
10/27/2010 0:00	67900			
10/27/2010 1:00	19800			
10/27/2010 2:00	9800			
10/27/2010 3:00	200			
10/27/2010 4:00	300			
10/27/2010 5:00	300			
10/27/2010 6:00	200			
10/27/2010 7:00	0			
10/27/2010 8:00	100			
10/27/2010 9:00	100			
10/27/2010 10:00	0			
10/27/2010 11:00	100			
10/27/2010 12:00	0			
10/27/2010 13:00	0			
10/27/2010 14:00	0			
10/27/2010 15:00	0			
10/27/2010 16:00	0			
10/27/2010 17:00	0			
10/27/2010 18:00	0			
10/27/2010 19:00	100			
10/27/2010 20:00	200			
10/27/2010 21:00	100			
10/27/2010 22:00	100			
10/27/2010 23:00	300			
10/28/2010 0:00	100			
10/28/2010 1:00	200			
10/28/2010 2:00	200			
10/28/2010 3:00	200			
10/28/2010 4:00	300			
10/28/2010 5:00	200			
10/28/2010 6:00	200			
10/28/2010 7:00	100			
10/28/2010 8:00	100			
10/28/2010 9:00	100			
10/28/2010 10:00	100			
10/28/2010 11:00	0			
10/28/2010 12:00	0			
10/28/2010 13:00	0			
10/28/2010 14:00	0			
10/28/2010 15:00	0			
10/28/2010 16:00	0			
10/28/2010 17:00	0			
10/28/2010 18:00	0			
10/28/2010 19:00	0			
10/28/2010 20:00	100			
10/28/2010 21:00	100			
10/28/2010 22:00	100			
10/28/2010 23:00	100			
10/29/2010 0:00	0			
10/29/2010 1:00	100			

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
10/29/2010 2:00	100			
10/29/2010 3:00	100			
10/29/2010 4:00	0			
10/29/2010 5:00	100			
10/29/2010 6:00	100			
10/29/2010 7:00	0			
10/29/2010 8:00	100			
10/29/2010 9:00	100			
10/29/2010 10:00	0			
10/29/2010 11:00	0			
10/29/2010 12:00	0			
10/29/2010 13:00	0			
10/29/2010 14:00	0			
10/29/2010 15:00	0			
10/29/2010 16:00	0			
10/29/2010 17:00	0			
10/29/2010 18:00	0			
10/29/2010 19:00	0			
10/29/2010 20:00	100			
10/29/2010 21:00	100			
10/29/2010 22:00	100			
10/29/2010 23:00	0			
10/30/2010 0:00	200			
10/30/2010 1:00	100			
10/30/2010 2:00	200			
10/30/2010 3:00	200			
10/30/2010 4:00	200			
10/30/2010 5:00	100			
10/30/2010 6:00	200			
10/30/2010 7:00	100			
10/30/2010 8:00	100			
10/30/2010 9:00	100			
10/30/2010 10:00	200			
10/30/2010 11:00	0			
10/30/2010 12:00	100			
10/30/2010 13:00	0			
10/30/2010 14:00	0			
10/30/2010 15:00	0			
10/30/2010 16:00	0			
10/30/2010 17:00	0			
10/30/2010 18:00	0			
10/30/2010 19:00	100			
10/30/2010 20:00	100			
10/30/2010 21:00	100			
10/30/2010 22:00	200			
10/30/2010 23:00	100			
10/31/2010 0:00	0			
10/31/2010 1:00	0			
10/31/2010 2:00	0			
10/31/2010 3:00	100			
10/31/2010 4:00	0			
10/31/2010 5:00	0			
10/31/2010 6:00	100			
10/31/2010 7:00	0			
10/31/2010 8:00	100	1		
10/31/2010 9:00	0			
10/31/2010 10:00	0			
10/31/2010 11:00	0			
10/31/2010 12:00	0			
10/31/2010 13:00	0			
10/31/2010 14:00	0			
10/31/2010 15:00	0			
10/31/2010 16:00	0			

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
10/31/2010 17:00	0			
10/31/2010 18:00	0			
10/31/2010 19:00	0			
10/31/2010 20:00	0			
10/31/2010 21:00	100			
10/31/2010 22:00	100			
10/31/2010 23:00	0			
11/1/2010 0:00	0			
11/1/2010 1:00	0			
11/1/2010 2:00	0			
11/1/2010 3:00	100			
11/1/2010 4:00	0			
11/1/2010 5:00	200			
11/1/2010 6:00	0			
11/1/2010 7:00	100	1		
11/1/2010 8:00	0			
11/1/2010 9:00	0			
11/1/2010 10:00	0			
11/1/2010 11:00	0			
11/1/2010 12:00	0			
11/1/2010 13:00	0			
11/1/2010 14:00	0			
11/1/2010 15:00	0			
11/1/2010 16:00	0			
11/1/2010 17:00	0			
11/1/2010 18:00	0			
11/1/2010 19:00	0			
11/1/2010 20:00	0			
11/1/2010 21:00	0			
11/1/2010 22:00	100			
11/1/2010 23:00	100			
11/2/2010 0:00	0			
11/2/2010 1:00	100			
11/2/2010 2:00	100			
11/2/2010 3:00	200			
11/2/2010 4:00	100			
11/2/2010 5:00	100			
11/2/2010 6:00	0			
11/2/2010 7:00	200			
11/2/2010 8:00	100			
11/2/2010 9:00	100			
11/2/2010 10:00	100			
11/2/2010 11:00	0			
11/2/2010 12:00	0			
11/2/2010 13:00	0			
11/2/2010 14:00	0			
11/2/2010 15:00	0			
11/2/2010 16:00	0			
11/2/2010 17:00	0			
11/2/2010 18:00	0			
11/2/2010 19:00	0			
11/2/2010 20:00	0			
11/2/2010 21:00	100			
11/2/2010 22:00	100			
11/2/2010 23:00	100			
11/3/2010 0:00	200			
11/3/2010 1:00	100			
11/3/2010 2:00	200			
11/3/2010 3:00	100			
11/3/2010 4:00	0			
11/3/2010 5:00	200			
11/3/2010 6:00	200			
11/3/2010 7:00	200			

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
11/3/2010 8:00	100			
11/3/2010 9:00	200			
11/3/2010 10:00	0			
11/3/2010 11:00	0			
11/3/2010 12:00	0			
11/3/2010 13:00	0			
11/3/2010 14:00	0			
11/3/2010 15:00	0			
11/3/2010 16:00	0			
11/3/2010 17:00	0			
11/3/2010 18:00	0			
11/3/2010 19:00	0			
11/3/2010 20:00	100			
11/3/2010 21:00	0			
11/3/2010 22:00	100			
11/3/2010 23:00	100			
11/4/2010 0:00	100			**Light Rain**
11/4/2010 1:00	0			
11/4/2010 2:00	100			
11/4/2010 3:00	0			
11/4/2010 4:00	100			
11/4/2010 5:00	100			
11/4/2010 6:00	100			
11/4/2010 7:00	100			
11/4/2010 8:00	100			
11/4/2010 9:00	200			
11/4/2010 10:00	400			
11/4/2010 11:00	500			
11/4/2010 12:00	500			
11/4/2010 13:00	34400			
11/4/2010 14:00	59900			
11/4/2010 15:00	44900			
11/4/2010 16:00	29500			
11/4/2010 17:00	37200			
11/4/2010 18:00	26400			
11/4/2010 19:00	300			
11/4/2010 20:00	300			
11/4/2010 21:00	300			
11/4/2010 22:00	300			
11/4/2010 23:00	200			
11/5/2010 0:00	300			**Light Rain**
11/5/2010 1:00	400			
11/5/2010 2:00	400			
11/5/2010 3:00	300			
11/5/2010 4:00	400			
11/5/2010 5:00	17500			
11/5/2010 6:00	34800			
11/5/2010 7:00	43500			
11/5/2010 8:00	38600			
11/5/2010 9:00	69500			
11/5/2010 10:00	49600			
11/5/2010 11:00	81700			
11/5/2010 12:00	106500			
11/5/2010 13:00	115400			
11/5/2010 14:00	78600			
11/5/2010 15:00	71400			
11/5/2010 16:00	74100			
11/5/2010 17:00	48100			
11/5/2010 18:00	26100			
11/5/2010 19:00	16300			
11/5/2010 20:00	11500			
11/5/2010 21:00	8700			
11/5/2010 22:00	200			

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
11/5/2010 23:00	200			
11/6/2010 0:00	100			
11/6/2010 1:00	200			
11/6/2010 2:00	100			
11/6/2010 3:00	0			
11/6/2010 4:00	100			
11/6/2010 5:00	100			
11/6/2010 6:00	0			
11/6/2010 7:00	100			
11/6/2010 8:00	200			
11/6/2010 9:00	200			
11/6/2010 10:00	200			
11/6/2010 11:00	100			
11/6/2010 12:00	100			
11/6/2010 13:00	0			
11/6/2010 14:00	0			
11/6/2010 15:00	0			
11/6/2010 16:00	0			
11/6/2010 17:00	0			
11/6/2010 18:00	0			
11/6/2010 19:00	0			
11/6/2010 20:00	0			
11/6/2010 21:00	200			
11/6/2010 22:00	200			
11/6/2010 23:00	100			
11/7/2010 0:00	300			
11/7/2010 1:00	200			
11/7/2010 2:00	100			
11/7/2010 3:00	200			
11/7/2010 4:00	200			
11/7/2010 5:00	200			
11/7/2010 6:00	200			
11/7/2010 7:00	200			
11/7/2010 8:00	100			
11/7/2010 9:00	100			
11/7/2010 10:00	100			
11/7/2010 11:00	0			
11/7/2010 12:00	0			
11/7/2010 13:00	0			
11/7/2010 14:00	0			
11/7/2010 15:00	0			
11/7/2010 16:00	0			
11/7/2010 17:00	0			
11/7/2010 18:00	0			
11/7/2010 19:00	100			
11/7/2010 20:00	200			
11/7/2010 21:00	200			
11/7/2010 22:00	300			
11/7/2010 23:00	200			
11/8/2010 0:00	100			
11/8/2010 1:00	100			
11/8/2010 2:00	200			
11/8/2010 3:00	200			
11/8/2010 4:00	100			
11/8/2010 5:00	200			
11/8/2010 6:00	200			
11/8/2010 7:00	100			
11/8/2010 8:00	200			
11/8/2010 9:00	0			
11/8/2010 10:00	0			
11/8/2010 11:00	0			
11/8/2010 13:00	4500			
11/8/2010 14:00	1300			

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
11/8/2010 15:00	0			
11/8/2010 16:00	0			
11/8/2010 17:00	0			
11/8/2010 18:00	0			
11/8/2010 19:00	100			
11/8/2010 20:00	300			
11/8/2010 21:00	400			
11/8/2010 22:00	200			
11/8/2010 23:00	400			
11/9/2010 0:00	400			
11/9/2010 1:00	300			
11/9/2010 2:00	0			
11/9/2010 3:00	100			
11/9/2010 4:00	100			
11/9/2010 5:00	200			
11/9/2010 6:00	100			
11/9/2010 7:00	400			
11/9/2010 8:00	300			
11/9/2010 9:00	300			
11/9/2010 10:00	100			
11/9/2010 11:00	0			
11/9/2010 12:00	0			
11/9/2010 13:00	0			
11/9/2010 14:00	0			
11/9/2010 15:00	0			
11/9/2010 16:00	0			
11/9/2010 17:00	0			
11/9/2010 18:00	0			
11/9/2010 19:00	100			
11/9/2010 20:00	100			
11/9/2010 21:00	100			
11/9/2010 22:00	300			
11/9/2010 23:00	200			
11/10/2010 0:00	200			
11/10/2010 1:00	200			
11/10/2010 2:00	100			
11/10/2010 3:00	100			
11/10/2010 4:00	100			
11/10/2010 5:00	100			
11/10/2010 6:00	0			
11/10/2010 7:00	100			
11/10/2010 8:00	100			
11/10/2010 9:00	100			
11/10/2010 10:00	0			
11/10/2010 11:00	0			
11/10/2010 12:00	0			
11/10/2010 13:00	0			
11/10/2010 14:00	0			
11/10/2010 15:00	0			
11/10/2010 16:00	0			
11/10/2010 17:00	0			
11/10/2010 18:00	0			
11/10/2010 19:00	100			
11/10/2010 20:00	0			
11/10/2010 21:00	100			
11/10/2010 22:00	100			
11/10/2010 23:00	300			
11/11/2010 0:00	200			
11/11/2010 1:00	400			
11/11/2010 2:00	300			
11/11/2010 3:00	300			
11/11/2010 4:00	100			
11/11/2010 5:00	0			

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
11/11/2010 6:00	100			
11/11/2010 7:00	200			
11/11/2010 8:00	200			
11/11/2010 9:00	0			
11/11/2010 10:00	0			
11/11/2010 11:00	0			
11/11/2010 12:00	0			
11/11/2010 13:00	0			
11/11/2010 14:00	0			
11/11/2010 15:00	0			
11/11/2010 16:00	0			
11/11/2010 17:00	0			
11/11/2010 18:00	0			
11/11/2010 19:00	100			
11/11/2010 20:00	100			
11/11/2010 21:00	100			
11/11/2010 22:00	300			
11/11/2010 23:00	200			
11/12/2010 0:00	300			
11/12/2010 1:00	100			
11/12/2010 2:00	0			
11/12/2010 3:00	100			
11/12/2010 4:00	300			
11/12/2010 5:00	100			
11/12/2010 6:00	100			
11/12/2010 7:00	100			
11/12/2010 8:00	200			
11/12/2010 9:00	0			
11/12/2010 10:00	0			
11/12/2010 11:00	0			
11/12/2010 12:00	0			
11/12/2010 13:00	0			
11/12/2010 14:00	0			
11/12/2010 15:00	0			
11/12/2010 16:00	0			
11/12/2010 17:00	0			
11/12/2010 18:00	0			
11/12/2010 19:00	0			
11/12/2010 20:00	100			
11/12/2010 21:00	0			
11/12/2010 22:00	100			
11/12/2010 23:00	0			
11/13/2010 0:00	100			
11/13/2010 1:00	0			
11/13/2010 2:00	0			
11/13/2010 3:00	100			
11/13/2010 4:00	0			
11/13/2010 5:00	100			
11/13/2010 6:00	100			
11/13/2010 7:00	100			
11/13/2010 8:00	100			
11/13/2010 9:00	100			
11/13/2010 10:00	0			
11/13/2010 11:00	0			
11/13/2010 12:00	0			
11/13/2010 13:00	0			
11/13/2010 14:00	0			
11/13/2010 15:00	0			
11/13/2010 16:00	0			
11/13/2010 17:00	0			
11/13/2010 18:00	0			
11/13/2010 19:00	0			
11/13/2010 20:00	100			

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
11/13/2010 21:00	300			
11/13/2010 22:00	600			
11/13/2010 23:00	300			
11/14/2010 0:00	300			
11/14/2010 1:00	300			
11/14/2010 2:00	200			
11/14/2010 3:00	300			
11/14/2010 4:00	100			
11/14/2010 5:00	200			
11/14/2010 6:00	200			
11/14/2010 7:00	200			
11/14/2010 8:00	200			
11/14/2010 9:00	200			
11/14/2010 10:00	100			
11/14/2010 11:00	100			
11/14/2010 12:00	100			
11/14/2010 13:00	100			
11/14/2010 14:00	0			
11/14/2010 15:00	0			
11/14/2010 16:00	0			
11/14/2010 17:00	100			
11/14/2010 18:00	100			
11/14/2010 19:00	100			
11/14/2010 20:00	200			
11/14/2010 21:00	100			
11/14/2010 22:00	100			
11/14/2010 23:00	0			
11/15/2010 0:00	100			
11/15/2010 1:00	100			
11/15/2010 2:00	200			
11/15/2010 3:00	200			
11/15/2010 4:00	100			
11/15/2010 5:00	100			
11/15/2010 6:00	200			
11/15/2010 7:00	200			
11/15/2010 8:00	300			
11/15/2010 9:00	100			
11/15/2010 10:00	0			
11/15/2010 11:00	0			
11/15/2010 12:00	0			
11/15/2010 13:00	0			
11/15/2010 14:00	0			
11/15/2010 15:00	0			
11/15/2010 16:00	0			
11/15/2010 17:00	0			
11/15/2010 18:00	0			
11/15/2010 19:00	200			
11/15/2010 20:00	100			
11/15/2010 21:00	100			
11/15/2010 22:00	100			
11/15/2010 23:00	100			
11/16/2010 0:00	200			
11/16/2010 1:00	200			
11/16/2010 2:00	100			
11/16/2010 3:00	0			
11/16/2010 4:00	100			
11/16/2010 5:00	200			
11/16/2010 6:00	200			
11/16/2010 7:00	0			
11/16/2010 8:00	300			
11/16/2010 9:00	500			
11/16/2010 10:00	0			
11/16/2010 11:00	0			

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
11/16/2010 12:00	0			
11/16/2010 13:00	0			
11/16/2010 14:00	0			
11/16/2010 15:00	0			
11/16/2010 16:00	100			
11/16/2010 17:00	0			
11/16/2010 18:00	5100			
11/16/2010 19:00	137700			
11/16/2010 20:00	190000			
11/16/2010 21:00	190700			
11/16/2010 22:00	193200			
11/16/2010 23:00	191700			
11/17/2010 0:00	206000			
11/17/2010 1:00	104900			
11/17/2010 2:00	29500			
11/17/2010 3:00	32000			
11/17/2010 4:00	17000			
11/17/2010 5:00	14400			
11/17/2010 6:00	160900			
11/17/2010 7:00	191100			
11/17/2010 8:00	64500			
11/17/2010 9:00	40100			
11/17/2010 10:00	26200			
11/17/2010 11:00	20200			
11/17/2010 12:00	12500			
11/17/2010 13:00	4700			
11/17/2010 14:00	0			
11/17/2010 15:00	0			
11/17/2010 16:00	100			
11/17/2010 17:00	100			
11/17/2010 18:00	200			
11/17/2010 19:00	200			
11/17/2010 20:00	300			
11/17/2010 21:00	200			
11/17/2010 22:00	300			
11/17/2010 23:00	200			
11/18/2010 0:00	300			
11/18/2010 1:00	300			
11/18/2010 2:00	300			
11/18/2010 3:00	200			
11/18/2010 4:00	200			
11/18/2010 5:00	300			
11/18/2010 6:00	300			
11/18/2010 7:00	400			
11/18/2010 8:00	200			
11/18/2010 9:00	100			
11/18/2010 10:00	100			
11/18/2010 11:00	0			
11/18/2010 12:00	0			
11/18/2010 13:00	0			
11/18/2010 14:00	0			
11/18/2010 15:00	0			
11/18/2010 16:00	0			
11/18/2010 17:00	100			
11/18/2010 18:00	0			
11/18/2010 19:00	200			
11/18/2010 20:00	200			
11/18/2010 21:00	100			
11/18/2010 22:00	200			
11/18/2010 23:00	100			
11/19/2010 0:00	100			
11/19/2010 1:00	100			
11/19/2010 2:00	100			

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
11/19/2010 3:00	300			
11/19/2010 4:00	200			
11/19/2010 5:00	200			
11/19/2010 6:00	100			
11/19/2010 7:00	0			
11/19/2010 8:00	200			
11/19/2010 9:00	0			
11/19/2010 10:00	0			
11/19/2010 11:00	0			
11/19/2010 12:00	0			
11/19/2010 13:00	0			
11/19/2010 14:00	0			
11/19/2010 15:00	0			
11/19/2010 16:00	0			
11/19/2010 17:00	100			
11/19/2010 18:00	0			
11/19/2010 19:00	100			
11/19/2010 20:00	100			
11/19/2010 21:00	200			
11/19/2010 22:00	400			
11/19/2010 23:00	300			
11/20/2010 0:00	200			
11/20/2010 1:00	100			
11/20/2010 2:00	200			
11/20/2010 3:00	100			
11/20/2010 4:00	200			
11/20/2010 5:00	100			
11/20/2010 6:00	100			
11/20/2010 7:00	100			
11/20/2010 8:00	100			
11/20/2010 9:00	100			
11/20/2010 10:00	0			
11/20/2010 11:00	0			
11/20/2010 12:00	0			
11/20/2010 13:00	0			
11/20/2010 14:00	0			
11/20/2010 15:00	0			
11/20/2010 16:00	0			
11/20/2010 17:00	0			
11/20/2010 18:00	0			
11/20/2010 19:00	0			
11/20/2010 20:00	100			
11/20/2010 21:00	200			
11/20/2010 22:00	100			
11/20/2010 23:00	100			
11/21/2010 0:00	0			
11/21/2010 1:00	100			
11/21/2010 2:00	200			
11/21/2010 3:00	200			
11/21/2010 4:00	200			
11/21/2010 5:00	100			
11/21/2010 6:00	0			
11/21/2010 7:00	200			
11/21/2010 8:00	100			
11/21/2010 9:00	100			
11/21/2010 10:00	0			
11/21/2010 11:00	0			
11/21/2010 12:00	0			
11/21/2010 13:00	0			
11/21/2010 14:00	0			
11/21/2010 15:00	0			
11/21/2010 16:00	0			
11/21/2010 17:00	0			

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
11/21/2010 18:00	100			
11/21/2010 19:00	200			
11/21/2010 20:00	100			
11/21/2010 21:00	200			
11/21/2010 22:00	300			
11/21/2010 23:00	200			
11/22/2010 0:00	400			
11/22/2010 1:00	200			
11/22/2010 2:00	200			
11/22/2010 3:00	400			
11/22/2010 4:00	200			
11/22/2010 5:00	300			
11/22/2010 6:00	200			
11/22/2010 7:00	300			
11/22/2010 8:00	300			
11/22/2010 9:00	300			
11/22/2010 10:00	54700			
11/22/2010 11:00	133800			
11/22/2010 12:00	146000			
11/22/2010 13:00	36300			
11/22/2010 14:00	13400			
11/22/2010 15:00	24500			
11/22/2010 16:00	50300			
11/22/2010 17:00	26700			
11/22/2010 18:00	19100			
11/22/2010 19:00	61700			
11/22/2010 20:00	191300			
11/22/2010 21:00	163400			
11/22/2010 22:00	27700			
11/22/2010 23:00	15400			
11/23/2010 0:00	10700			
11/23/2010 1:00	2600			
11/23/2010 2:00	600			
11/23/2010 3:00	400			
11/23/2010 4:00	200			
11/23/2010 5:00	125700			
11/23/2010 6:00	189400			
11/23/2010 7:00	198600			
11/23/2010 8:00	204100			
11/23/2010 9:00	30400			
11/23/2010 10:00	16500			
11/23/2010 11:00	11400			
11/23/2010 12:00	4200			
11/23/2010 13:00	0			
11/23/2010 14:00	0			
11/23/2010 15:00	0			
11/23/2010 16:00	0			
11/23/2010 17:00	0			
11/23/2010 18:00	0			
11/23/2010 19:00	0			
11/23/2010 20:00	0			
11/23/2010 21:00	0			
11/23/2010 22:00	0			
11/23/2010 23:00	100			
11/24/2010 0:00	100			
11/24/2010 1:00	100			
11/24/2010 2:00	100			
11/24/2010 3:00	100			
11/24/2010 4:00	100			
11/24/2010 5:00	0			
11/24/2010 6:00	100			
11/24/2010 7:00	0			
11/24/2010 8:00	100	1		

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
11/24/2010 9:00	0			
11/24/2010 10:00	0			
11/24/2010 11:00	0			
11/24/2010 12:00	0			
11/24/2010 13:00	0			
11/24/2010 14:00	0			
11/24/2010 15:00	0			
11/24/2010 16:00	0			
11/24/2010 17:00	0			
11/24/2010 18:00	0			
11/24/2010 19:00	0			
11/24/2010 20:00	0			
11/24/2010 21:00	100			
11/24/2010 22:00	0			
11/24/2010 23:00	0			
11/25/2010 0:00	100			
11/25/2010 1:00	100			
11/25/2010 2:00	100			
11/25/2010 3:00	100			
11/25/2010 4:00	100			
11/25/2010 5:00	100			
11/25/2010 6:00	0			
11/25/2010 7:00	0			
11/25/2010 8:00	100			
11/25/2010 9:00	0			
11/25/2010 10:00	100			
11/25/2010 11:00	0			
11/25/2010 12:00	100			
11/25/2010 13:00	200			
11/25/2010 14:00	200			
11/25/2010 15:00	100			
11/25/2010 16:00	200			
11/25/2010 17:00	200			
11/25/2010 18:00	300			
11/25/2010 19:00	200			
11/25/2010 20:00	200			
11/25/2010 21:00	200			
11/25/2010 22:00	13400			
11/25/2010 23:00	69900			
11/26/2010 0:00	185300			
11/26/2010 1:00	154100			
11/26/2010 2:00	138100			
11/26/2010 3:00	170200			
11/26/2010 4:00	188900			
11/26/2010 5:00	197500			
11/26/2010 6:00	46700			
11/26/2010 7:00	22200			
11/26/2010 8:00	14600			
11/26/2010 9:00	12100			
11/26/2010 10:00	9300			
11/26/2010 11:00	7300			
11/26/2010 12:00	2300			
11/26/2010 13:00	0			
11/26/2010 14:00	0			
11/26/2010 15:00	0			
11/26/2010 16:00	0			
11/26/2010 17:00	100			
11/26/2010 18:00	0			
11/26/2010 19:00	100			
11/26/2010 20:00	100			
11/26/2010 21:00	100			
11/26/2010 22:00	100			
11/26/2010 23:00	100			

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
11/27/2010 0:00	100			
11/27/2010 1:00	100			
11/27/2010 2:00	100			
11/27/2010 3:00	100			
11/27/2010 4:00	100			
11/27/2010 5:00	0			
11/27/2010 6:00	100			
11/27/2010 7:00	100			
11/27/2010 8:00	100			
11/27/2010 9:00	0			
11/27/2010 10:00	0			
11/27/2010 11:00	0			
11/27/2010 12:00	0			
11/27/2010 13:00	0			
11/27/2010 14:00	0			
11/27/2010 15:00	0			
11/27/2010 16:00	0			
11/27/2010 17:00	0			
11/27/2010 18:00	100			
11/27/2010 19:00	0			
11/27/2010 20:00	100			
11/27/2010 21:00	100			
11/27/2010 22:00	100			
11/27/2010 23:00	100			
11/28/2010 0:00	100			
11/28/2010 1:00	200			
11/28/2010 2:00	100			
11/28/2010 3:00	100			
11/28/2010 4:00	100			
11/28/2010 5:00	100			
11/28/2010 6:00	0			
11/28/2010 7:00	100			
11/28/2010 8:00	200			
11/28/2010 9:00	100			
11/28/2010 10:00	0			
11/28/2010 11:00	0			
11/28/2010 12:00	0			
11/28/2010 13:00	0			
11/28/2010 14:00	0			
11/28/2010 15:00	0			
11/28/2010 16:00	0			
11/28/2010 17:00	0			
11/28/2010 18:00	100			
11/28/2010 19:00	0			
11/28/2010 20:00	0			
11/28/2010 21:00	200			
11/28/2010 22:00	200			
11/28/2010 23:00	200			
11/29/2010 0:00	300			
11/29/2010 1:00	200			
11/29/2010 2:00	300			
11/29/2010 3:00	200			
11/29/2010 4:00	200			
11/29/2010 5:00	300			
11/29/2010 6:00	200			
11/29/2010 7:00	100			
11/29/2010 8:00	300			
11/29/2010 9:00	200			
11/29/2010 10:00	0			
11/29/2010 11:00	0			
11/29/2010 12:00	0			
11/29/2010 13:00	0			
11/29/2010 14:00	0			

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
11/29/2010 15:00	0			
11/29/2010 16:00	0			
11/29/2010 17:00	0			
11/29/2010 18:00	0			
11/29/2010 19:00	100			
11/29/2010 20:00	100			
11/29/2010 21:00	300			
11/29/2010 22:00	200			
11/29/2010 23:00	200			
11/30/2010 0:00	200			
11/30/2010 1:00	200			
11/30/2010 2:00	200			
11/30/2010 3:00	200			
11/30/2010 4:00	200			
11/30/2010 5:00	200			
11/30/2010 6:00	200			
11/30/2010 7:00	100			
11/30/2010 8:00	200			
11/30/2010 9:00	400			
11/30/2010 10:00	500			
11/30/2010 11:00	14800			
11/30/2010 12:00	29000			
11/30/2010 13:00	11700			
11/30/2010 14:00	300			
11/30/2010 15:00	400			
11/30/2010 16:00	9600			
11/30/2010 17:00	121900			
11/30/2010 18:00	146700			
11/30/2010 19:00	49800			
11/30/2010 20:00	23900			
11/30/2010 21:00	16900			
11/30/2010 22:00	11600			
11/30/2010 23:00	10500			
12/1/2010 0:00	69300			**Light Rain/Light Snow**
12/1/2010 1:00	91400			
12/1/2010 2:00	143800			
12/1/2010 3:00	191300			
12/1/2010 4:00	168800			
12/1/2010 5:00	156400			
12/1/2010 6:00	189400			
12/1/2010 7:00	189500			
12/1/2010 8:00	188500			
12/1/2010 9:00	189800			
12/1/2010 10:00	192000			
12/1/2010 11:00	198700			
12/1/2010 12:00	204100			
12/1/2010 13:00	99300			
12/1/2010 14:00	48700			
12/1/2010 15:00	61700			
12/1/2010 16:00	82800			
12/1/2010 17:00	75400			
12/1/2010 18:00	60000			
12/1/2010 19:00	49000			
12/1/2010 20:00	41200			
12/1/2010 21:00	35300			
12/1/2010 22:00	31000			
12/1/2010 23:00	27800			
12/2/2010 0:00	25300			
12/2/2010 1:00	23100			
12/2/2010 2:00	21100			
12/2/2010 3:00	19200			
12/2/2010 4:00	17600			
12/2/2010 5:00	15800			

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
12/2/2010 6:00	15300			
12/2/2010 7:00	13800			
12/2/2010 8:00	12200			
12/2/2010 9:00	11000			
12/2/2010 10:00	10500			
12/2/2010 11:00	10900			
12/2/2010 12:00	12900			
12/2/2010 13:00	16400			
12/2/2010 14:00	19400			
12/2/2010 15:00	20100			
12/2/2010 16:00	17900			
12/2/2010 17:00	25900			
12/2/2010 18:00	39900			
12/2/2010 19:00	9100			
12/2/2010 20:00	3900			
12/2/2010 21:00	0			
12/2/2010 22:00	100			
12/2/2010 23:00	100			
12/3/2010 0:00	100			
12/3/2010 1:00	100			
12/3/2010 2:00	100			
12/3/2010 3:00	100			
12/3/2010 4:00	100			
12/3/2010 5:00	100			
12/3/2010 6:00	100			
12/3/2010 7:00	100			
12/3/2010 8:00	100			
12/3/2010 9:00	100			
12/3/2010 10:00	0			
12/3/2010 11:00	0			
12/3/2010 12:00	0			
12/3/2010 13:00	0			
12/3/2010 14:00	1400			
12/3/2010 15:00	7800			
12/3/2010 16:00	7900			
12/3/2010 17:00	5400			
12/3/2010 18:00	100			
12/3/2010 19:00	100			
12/3/2010 20:00	0			
12/3/2010 21:00	100			
12/3/2010 22:00	100			
12/3/2010 23:00	0			
12/4/2010 0:00	0			
12/4/2010 1:00	100			
12/4/2010 2:00	0			
12/4/2010 3:00	100			
12/4/2010 4:00	100			
12/4/2010 5:00	200			
12/4/2010 6:00	200			
12/4/2010 7:00	400			
12/4/2010 8:00	300			
12/4/2010 9:00	200			
12/4/2010 10:00	100			
12/4/2010 11:00	0			
12/4/2010 12:00	1700			
12/4/2010 13:00	0			
12/4/2010 14:00	6900			
12/4/2010 15:00	2100			
12/4/2010 16:00	0			
12/4/2010 17:00	100			
12/4/2010 18:00	200			
12/4/2010 19:00	100			
12/4/2010 20:00	100			

Outfall D002 Storm Water Flow Data
GMCH Lockport Facility

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
12/4/2010 21:00	0			
12/4/2010 22:00	0			
12/4/2010 23:00	100	1		
12/5/2010 0:00	0			**Light Snow, 30 degrees**
12/5/2010 1:00	0			
12/5/2010 2:00	100			
12/5/2010 3:00	0			
12/5/2010 4:00	0			
12/5/2010 5:00	100			
12/5/2010 6:00	0			
12/5/2010 7:00	100			
12/5/2010 8:00	100			
12/5/2010 9:00	0			
12/5/2010 10:00	0			
12/5/2010 11:00	0			
12/5/2010 12:00	0			
12/5/2010 13:00	0			
12/5/2010 14:00	0			
12/5/2010 15:00	0			
12/5/2010 16:00	0			
12/5/2010 17:00	0			
12/5/2010 18:00	0			
12/5/2010 19:00	300			
12/5/2010 20:00	200			
12/5/2010 21:00	0			
12/5/2010 22:00	200			
12/5/2010 23:00	100			
12/6/2010 0:00	100			
12/6/2010 1:00	0		**Echo loss/Cleared Chute**	**Light Snow**
12/6/2010 2:00	0			
12/6/2010 3:00	0			
12/6/2010 4:00	100			
12/6/2010 5:00	0			
12/6/2010 6:00	0			
12/6/2010 7:00	0			
12/6/2010 8:00	0			
12/6/2010 9:00	100			
12/6/2010 10:00	0			
12/6/2010 11:00	0			
12/6/2010 12:00	5300			
12/6/2010 13:00	5100			
12/6/2010 14:00	5200			
12/6/2010 15:00	5100			
12/6/2010 16:00	5200			
12/6/2010 17:00	5100			
12/6/2010 18:00	5200			
12/6/2010 19:00	5100			
12/6/2010 20:00	5200			
12/6/2010 21:00	5100			
12/6/2010 22:00	5200			
12/6/2010 23:00	5100			
12/7/2010 0:00	5200			
12/7/2010 1:00	3700			
12/7/2010 2:00	0			
12/7/2010 3:00	0			
12/7/2010 4:00	0			
12/7/2010 5:00	0			
12/7/2010 6:00	0			
12/7/2010 7:00	0			
12/7/2010 8:00	0			
12/7/2010 9:00	0			
12/7/2010 10:00	0			
12/7/2010 11:00	300			**Light Snow, 28 degrees**

Outfall D002 Storm Water Flow Data
GMCH Lockport Facility

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
12/7/2010 12:00	100			
12/7/2010 13:00	500			
12/7/2010 14:00	0			
12/7/2010 15:00	0			
12/7/2010 16:00	600			
12/7/2010 17:00	1800			
12/7/2010 18:00	1700			
12/7/2010 19:00	500			
12/7/2010 20:00	100			
12/7/2010 21:00	300			
12/7/2010 22:00	400			
12/7/2010 23:00	300			
12/8/2010 0:00	0			**Light Snow, 24 degrees**
12/8/2010 1:00	0			
12/8/2010 2:00	0			
12/8/2010 3:00	0			
12/8/2010 4:00	0			
12/8/2010 5:00	0			
12/8/2010 6:00	100			
12/8/2010 7:00	200			
12/8/2010 8:00	100			
12/8/2010 9:00	500			
12/8/2010 10:00	700			
12/8/2010 11:00	400			
12/8/2010 12:00	0			
12/8/2010 13:00	0			
12/8/2010 14:00	0			
12/8/2010 15:00	100			
12/8/2010 16:00	0			
12/8/2010 17:00	100			
12/8/2010 18:00	700			
12/8/2010 19:00	1800			
12/8/2010 20:00	800			
12/8/2010 21:00	0			
12/8/2010 22:00	0			
12/8/2010 23:00	0			
12/9/2010 0:00	900			
12/9/2010 1:00	1700			
12/9/2010 2:00	1400			
12/9/2010 3:00	800	1		
12/9/2010 4:00	0			
12/9/2010 5:00	0			
12/9/2010 6:00	0			
12/9/2010 7:00	0			
12/9/2010 8:00	0			
12/9/2010 9:00	0			
12/9/2010 10:00	0			
12/9/2010 11:00	0			
12/9/2010 12:00	0			
12/9/2010 13:00	0			
12/9/2010 14:00	0			
12/9/2010 15:00	0			
12/9/2010 16:00	0			
12/9/2010 17:00	0			
12/9/2010 18:00	400			
12/9/2010 19:00	600			
12/9/2010 20:00	300			
12/9/2010 21:00	600			
12/9/2010 22:00	0			
12/9/2010 23:00	0			
12/10/2010 0:00	200		**Echo Loss/Clear Chute**	**Light Snow, 39 degrees**
12/10/2010 1:00	0			
12/10/2010 2:00	100			

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
12/10/2010 3:00	100			
12/10/2010 4:00	100			
12/10/2010 5:00	100			
12/10/2010 6:00	100			
12/10/2010 7:00	100			
12/10/2010 8:00	100			
12/10/2010 9:00	0			
12/10/2010 10:00	0			
12/10/2010 11:00	0			
12/10/2010 12:00	0			
12/10/2010 13:00	0			
12/10/2010 14:00	0			
12/10/2010 15:00	0			
12/10/2010 16:00	0			
12/10/2010 17:00	100			
12/10/2010 18:00	100			
12/10/2010 19:00	100			
12/10/2010 20:00	100			
12/10/2010 21:00	200			
12/10/2010 22:00	200			
12/10/2010 23:00	100			
12/11/2010 0:00	200			
12/11/2010 1:00	100			
12/11/2010 2:00	200			
12/11/2010 3:00	100			
12/11/2010 4:00	100			
12/11/2010 5:00	100			
12/11/2010 6:00	100			
12/11/2010 7:00	100			
12/11/2010 8:00	100			
12/11/2010 9:00	100			
12/11/2010 10:00	0			
12/11/2010 11:00	0			
12/11/2010 12:00	0			
12/11/2010 13:00	4000			
12/11/2010 14:00	9000			
12/11/2010 15:00	8900			
12/11/2010 16:00	8300			
12/11/2010 17:00	7800			
12/11/2010 18:00	2200			
12/11/2010 19:00	600			
12/11/2010 20:00	600			
12/11/2010 21:00	500			
12/11/2010 22:00	400			
12/11/2010 23:00	400			
12/12/2010 0:00	300			**Light Rain**
12/12/2010 1:00	200			
12/12/2010 2:00	200			
12/12/2010 3:00	200			
12/12/2010 4:00	100			
12/12/2010 5:00	4500			
12/12/2010 6:00	82000			
12/12/2010 7:00	132400			
12/12/2010 8:00	74700			
12/12/2010 9:00	53300			
12/12/2010 10:00	94200			
12/12/2010 11:00	118400			
12/12/2010 12:00	134600			
12/12/2010 13:00	189200			
12/12/2010 14:00	191700			
12/12/2010 15:00	191200			
12/12/2010 16:00	128700			
12/12/2010 17:00	92600			

Outfall D002 Storm Water Flow Data
GMCH Lockport Facility

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
12/12/2010 18:00	71600			
12/12/2010 19:00	57200			
12/12/2010 20:00	47800			
12/12/2010 21:00	41800			
12/12/2010 22:00	37500			
12/12/2010 23:00	31200			
12/13/2010 0:00	25800			
12/13/2010 1:00	21500			
12/13/2010 2:00	18100			
12/13/2010 3:00	14400			
12/13/2010 4:00	11100			
12/13/2010 5:00	9500			
12/13/2010 6:00	8100			
12/13/2010 7:00	6900	1		
12/13/2010 8:00	0			
12/13/2010 9:00	0			
12/13/2010 10:00	0			
12/13/2010 11:00	0			
12/13/2010 12:00	0			
12/13/2010 13:00	0			
12/13/2010 14:00	0			
12/13/2010 15:00	0			
12/13/2010 16:00	0			
12/13/2010 17:00	0			
12/13/2010 18:00	500			
12/13/2010 19:00	6100			
12/13/2010 20:00	6100			
12/13/2010 21:00	6000			
12/13/2010 22:00	6100			
12/13/2010 23:00	6000			
12/14/2010 0:00	6100			
12/14/2010 1:00	6100		**Echo Loss/Clear Chute**	**Light Snow, 19 degrees**
12/14/2010 2:00	2800			
12/14/2010 3:00	0			
12/14/2010 4:00	0			
12/14/2010 5:00	1500			
12/14/2010 6:00	2800			
12/14/2010 7:00	10100			
12/14/2010 8:00	13900			
12/14/2010 9:00	16300			
12/14/2010 10:00	18900			
12/14/2010 11:00	18900			
12/14/2010 12:00	17400			
12/14/2010 13:00	16100			
12/14/2010 14:00	16200			
12/14/2010 15:00	16100			
12/14/2010 16:00	16200			
12/14/2010 17:00	16100			
12/14/2010 18:00	16200			
12/14/2010 19:00	16100			
12/14/2010 20:00	16200			
12/14/2010 21:00	16200			
12/14/2010 22:00	16100			
12/14/2010 23:00	16100			
12/15/2010 0:00	16200			
12/15/2010 1:00	16100			
12/15/2010 2:00	7800			
12/15/2010 3:00	0			
12/15/2010 4:00	0			
12/15/2010 5:00	0			
12/15/2010 6:00	0			
12/15/2010 7:00	0			
12/15/2010 8:00	0			

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
12/15/2010 9:00	0			
12/15/2010 10:00	0			
12/15/2010 11:00	0			
12/15/2010 12:00	0			
12/15/2010 13:00	0			
12/15/2010 14:00	0			
12/15/2010 15:00	0			
12/15/2010 16:00	0			
12/15/2010 17:00	0			
12/15/2010 18:00	0			
12/15/2010 19:00	0			
12/15/2010 20:00	0			
12/15/2010 21:00	100			
12/15/2010 22:00	0			
12/15/2010 23:00	700			
12/16/2010 0:00	500	1		
12/16/2010 1:00	0			
12/16/2010 2:00	0			
12/16/2010 3:00	0			
12/16/2010 4:00	0			
12/16/2010 5:00	0			
12/16/2010 6:00	0			
12/16/2010 7:00	0			
12/16/2010 8:00	0			
12/16/2010 9:00	0			
12/16/2010 10:00	0			
12/16/2010 11:00	0			
12/16/2010 12:00	0			
12/16/2010 13:00	0			
12/16/2010 14:00	0			
12/16/2010 15:00	0			
12/16/2010 16:00	0			
12/16/2010 17:00	0			
12/16/2010 18:00	0			
12/16/2010 19:00	0			
12/16/2010 20:00	0			
12/16/2010 21:00	0			
12/16/2010 22:00	0			
12/16/2010 23:00	0			
12/17/2010 0:00	0			
12/17/2010 1:00	0			
12/17/2010 2:00	0			
12/17/2010 3:00	0			
12/17/2010 4:00	0			
12/17/2010 5:00	0			
12/17/2010 6:00	0			
12/17/2010 7:00	0			
12/17/2010 8:00	0			
12/17/2010 9:00	0			
12/17/2010 10:00	0			
12/17/2010 11:00	0			
12/17/2010 12:00	0			
12/17/2010 13:00	0			
12/17/2010 14:00	0			
12/17/2010 15:00	0			
12/17/2010 16:00	0			
12/17/2010 17:00	0			
12/17/2010 18:00	0			
12/17/2010 19:00	0			
12/17/2010 20:00	0			
12/17/2010 21:00	0			
12/17/2010 22:00	0			
12/17/2010 23:00	0			

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
12/18/2010 0:00	0			
12/18/2010 1:00	0			
12/18/2010 2:00	0			
12/18/2010 3:00	0			
12/18/2010 4:00	0			
12/18/2010 5:00	0			
12/18/2010 6:00	0			
12/18/2010 7:00	0			
12/18/2010 8:00	0			
12/18/2010 9:00	0			
12/18/2010 10:00	100			**Light Snow, 28 degrees**
12/18/2010 11:00	0			
12/18/2010 12:00	0			
12/18/2010 13:00	0			
12/18/2010 14:00	0			
12/18/2010 15:00	0			
12/18/2010 16:00	0			
12/18/2010 17:00	0			
12/18/2010 18:00	0			
12/18/2010 19:00	0			
12/18/2010 20:00	0			
12/18/2010 21:00	0			
12/18/2010 22:00	0			
12/18/2010 23:00	0			
12/19/2010 0:00	0			
12/19/2010 1:00	0			
12/19/2010 2:00	0			
12/19/2010 3:00	0			
12/19/2010 4:00	0			
12/19/2010 5:00	0			
12/19/2010 6:00	0			
12/19/2010 7:00	0			
12/19/2010 8:00	0			
12/19/2010 9:00	0			
12/19/2010 10:00	0			
12/19/2010 11:00	0			
12/19/2010 12:00	0			
12/19/2010 13:00	0			
12/19/2010 14:00	0			
12/19/2010 15:00	0			
12/19/2010 16:00	0			
12/19/2010 17:00	0			
12/19/2010 18:00	0			
12/19/2010 19:00	0			
12/19/2010 20:00	0			
12/19/2010 21:00	0			
12/19/2010 22:00	0			
12/19/2010 23:00	0			
12/20/2010 0:00	0			
12/20/2010 1:00	0			
12/20/2010 2:00	0			
12/20/2010 3:00	0			
12/20/2010 4:00	0			
12/20/2010 5:00	0			
12/20/2010 6:00	0			
12/20/2010 7:00	0			
12/20/2010 8:00	0			
12/20/2010 9:00	0			
12/20/2010 10:00	0			
12/20/2010 11:00	0			
12/20/2010 12:00	0			
12/20/2010 13:00	0			
12/20/2010 14:00	0			

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
12/20/2010 15:00	0			
12/20/2010 16:00	0			
12/20/2010 17:00	0			
12/20/2010 18:00	0			
12/20/2010 19:00	0			
12/20/2010 20:00	0			
12/20/2010 21:00	0			
12/20/2010 22:00	0			
12/20/2010 23:00	0			
12/21/2010 0:00	0			
12/21/2010 1:00	0			
12/21/2010 2:00	0			
12/21/2010 3:00	0			
12/21/2010 4:00	0			
12/21/2010 5:00	0			
12/21/2010 6:00	0			
12/21/2010 7:00	0			
12/21/2010 8:00	0			
12/21/2010 9:00	0			
12/21/2010 10:00	0			
12/21/2010 11:00	0			
12/21/2010 12:00	0			
12/21/2010 13:00	0			
12/21/2010 14:00	0			
12/21/2010 15:00	0			
12/21/2010 16:00	0			
12/21/2010 17:00	0			
12/21/2010 18:00	0			
12/21/2010 19:00	0			
12/21/2010 20:00	0			
12/21/2010 21:00	0			
12/21/2010 22:00	0			
12/21/2010 23:00	0			
12/22/2010 0:00	0			
12/22/2010 1:00	0			
12/22/2010 2:00	0			
12/22/2010 3:00	0			
12/22/2010 4:00	0			
12/22/2010 5:00	0			
12/22/2010 6:00	0			
12/22/2010 7:00	0			
12/22/2010 8:00	0			
12/22/2010 9:00	0			
12/22/2010 10:00	0			
12/22/2010 11:00	0			
12/22/2010 12:00	0			
12/22/2010 13:00	0			
12/22/2010 14:00	0			
12/22/2010 15:00	0			
12/22/2010 16:00	0			
12/22/2010 17:00	0			
12/22/2010 18:00	0			
12/22/2010 19:00	100			**Light Snow, 28 degrees**
12/22/2010 20:00	0			
12/22/2010 21:00	0			
12/22/2010 22:00	0			
12/22/2010 23:00	0			
12/23/2010 0:00	0			
12/23/2010 1:00	0			
12/23/2010 2:00	0			
12/23/2010 3:00	0			
12/23/2010 4:00	0			
12/23/2010 5:00	0			

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
12/23/2010 6:00	100			
12/23/2010 7:00	100			
12/23/2010 8:00	100			
12/23/2010 9:00	100			
12/23/2010 10:00	100			
12/23/2010 11:00	0			
12/23/2010 12:00	0			
12/23/2010 13:00	0			
12/23/2010 14:00	0			
12/23/2010 15:00	0			
12/23/2010 16:00	0			
12/23/2010 17:00	200			
12/23/2010 18:00	300			
12/23/2010 19:00	300			
12/23/2010 20:00	300			
12/23/2010 21:00	300			
12/23/2010 22:00	200			
12/23/2010 23:00	300			
12/24/2010 0:00	300			
12/24/2010 1:00	200			
12/24/2010 2:00	300			
12/24/2010 3:00	200			
12/24/2010 4:00	200			
12/24/2010 5:00	0			
12/24/2010 6:00	100			
12/24/2010 7:00	0			
12/24/2010 8:00	0			
12/24/2010 9:00	100			
12/24/2010 10:00	0			
12/24/2010 11:00	0			
12/24/2010 12:00	0			
12/24/2010 13:00	0			
12/24/2010 14:00	0			
12/24/2010 15:00	0			
12/24/2010 16:00	0			
12/24/2010 17:00	0			
12/24/2010 18:00	100			
12/24/2010 19:00	200			
12/24/2010 20:00	300			
12/24/2010 21:00	200			
12/24/2010 22:00	100			
12/24/2010 23:00	100			
12/25/2010 0:00	100			
12/25/2010 1:00	100			
12/25/2010 2:00	300			
12/25/2010 3:00	300			
12/25/2010 4:00	300			
12/25/2010 5:00	200			
12/25/2010 6:00	200			
12/25/2010 7:00	100			
12/25/2010 8:00	100			
12/25/2010 9:00	100			
12/25/2010 10:00	100	1		
12/25/2010 11:00	0			
12/25/2010 12:00	0			
12/25/2010 13:00	0			
12/25/2010 14:00	0			
12/25/2010 15:00	0			
12/25/2010 16:00	0			
12/25/2010 17:00	0			
12/25/2010 18:00	0			
12/25/2010 19:00	0			
12/25/2010 20:00	0			

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
12/25/2010 21:00	0			
12/25/2010 22:00	0			
12/25/2010 23:00	0			
12/26/2010 0:00	0			
12/26/2010 1:00	0			
12/26/2010 2:00	0			
12/26/2010 3:00	100			
12/26/2010 4:00	0			
12/26/2010 5:00	100			
12/26/2010 6:00	100			
12/26/2010 7:00	0			
12/26/2010 8:00	100			
12/26/2010 9:00	100			
12/26/2010 10:00	0			
12/26/2010 11:00	0			
12/26/2010 12:00	0			
12/26/2010 13:00	0			
12/26/2010 14:00	0			
12/26/2010 15:00	0			
12/26/2010 16:00	0			
12/26/2010 17:00	0			
12/26/2010 18:00	0			
12/26/2010 19:00	100			
12/26/2010 20:00	200			
12/26/2010 21:00	200			
12/26/2010 22:00	0			
12/26/2010 23:00	0			
12/27/2010 0:00	0			
12/27/2010 1:00	100			
12/27/2010 2:00	0			
12/27/2010 3:00	0			
12/27/2010 4:00	0			
12/27/2010 5:00	0			
12/27/2010 6:00	100	1		
12/27/2010 7:00	0			
12/27/2010 8:00	0			
12/27/2010 9:00	0			
12/27/2010 10:00	0			
12/27/2010 11:00	0			
12/27/2010 12:00	0			
12/27/2010 13:00	0			
12/27/2010 14:00	0			
12/27/2010 15:00	0			
12/27/2010 16:00	0			
12/27/2010 17:00	0			
12/27/2010 18:00	0			
12/27/2010 19:00	0			
12/27/2010 20:00	0			
12/27/2010 21:00	0			
12/27/2010 22:00	0			
12/27/2010 23:00	0			
12/28/2010 0:00	0			
12/28/2010 1:00	0			
12/28/2010 2:00	0			
12/28/2010 3:00	0			
12/28/2010 4:00	0			
12/28/2010 5:00	0			
12/28/2010 6:00	0			
12/28/2010 7:00	0			
12/28/2010 8:00	0			
12/28/2010 9:00	0			
12/28/2010 10:00	0			
12/28/2010 11:00	0			

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
12/28/2010 12:00	0			
12/28/2010 13:00	0			
12/28/2010 14:00	0			
12/28/2010 15:00	0			
12/28/2010 16:00	0			
12/28/2010 17:00	0			
12/28/2010 18:00	0			
12/28/2010 19:00	0			
12/28/2010 20:00	0			
12/28/2010 21:00	0			
12/28/2010 22:00	0			
12/28/2010 23:00	0			
12/29/2010 0:00	0			
12/29/2010 1:00	0			
12/29/2010 2:00	0			
12/29/2010 3:00	0			
12/29/2010 4:00	0			
12/29/2010 5:00	0			
12/29/2010 6:00	0			
12/29/2010 7:00	0			
12/29/2010 8:00	0			
12/29/2010 9:00	0			
12/29/2010 10:00	0			
12/29/2010 11:00	0			
12/29/2010 12:00	0			
12/29/2010 13:00	0			
12/29/2010 14:00	0			
12/29/2010 15:00	0			
12/29/2010 16:00	0			
12/29/2010 17:00	0			
12/29/2010 18:00	0			
12/29/2010 19:00	0			
12/29/2010 20:00	0			
12/29/2010 21:00	0			
12/29/2010 22:00	0			
12/29/2010 23:00	0			
12/30/2010 0:00	0			
12/30/2010 1:00	0			
12/30/2010 2:00	0			
12/30/2010 3:00	0			
12/30/2010 4:00	0			
12/30/2010 5:00	0			
12/30/2010 6:00	0			
12/30/2010 7:00	0			
12/30/2010 8:00	0			
12/30/2010 9:00	0			
12/30/2010 10:00	0			
12/30/2010 11:00	0			
12/30/2010 12:00	0			
12/30/2010 13:00	0			
12/30/2010 14:00	0			
12/30/2010 15:00	0			
12/30/2010 16:00	0			
12/30/2010 17:00	0			
12/30/2010 18:00	0			
12/30/2010 19:00	0			
12/30/2010 20:00	0			
12/30/2010 21:00	0			
12/30/2010 22:00	0			
12/30/2010 23:00	0			
12/31/2010 0:00	0			
1/1/2011 0:00	5600			
1/1/2011 1:00	19700			

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
1/1/2011 2:00	16100			
1/1/2011 3:00	11900			
1/1/2011 4:00	10400			
1/1/2011 5:00	7700			
1/1/2011 6:00	7000			**Light rain, 55 degrees**
1/1/2011 7:00	6400			
1/1/2011 8:00	5600			
1/1/2011 9:00	42700			
1/1/2011 10:00	82500			
1/1/2011 11:00	68200			
1/1/2011 12:00	103700			
1/1/2011 13:00	123900			
1/1/2011 14:00	147800			
1/1/2011 15:00	135200			
1/1/2011 16:00	76100			
1/1/2011 17:00	54200			
1/1/2011 18:00	39500			
1/1/2011 19:00	29000			
1/1/2011 20:00	20900			
1/1/2011 21:00	16000			
1/1/2011 22:00	12400			
1/1/2011 23:00	9300			
1/2/2011 0:00	7400			
1/2/2011 1:00	5800			
1/2/2011 2:00	4700			
1/2/2011 3:00	3700			
1/2/2011 4:00	2900			
1/2/2011 5:00	2100	1		
1/2/2011 6:00	0			
1/2/2011 7:00	0			
1/2/2011 8:00	0			
1/2/2011 9:00	0			
1/2/2011 10:00	0			
1/2/2011 11:00	0			
1/2/2011 12:00	0			
1/2/2011 13:00	0			
1/2/2011 14:00	0			
1/2/2011 15:00	0			
1/2/2011 16:00	0			
1/2/2011 17:00	0			
1/2/2011 18:00	0			
1/2/2011 19:00	0			
1/2/2011 20:00	0			
1/2/2011 21:00	0			
1/2/2011 22:00	0			
1/2/2011 23:00	0			
1/3/2011 0:00	0			
1/3/2011 1:00	0			
1/3/2011 2:00	0			
1/3/2011 3:00	0			
1/3/2011 4:00	0			
1/3/2011 5:00	0			
1/3/2011 6:00	0			
1/3/2011 7:00	0			
1/3/2011 8:00	0			
1/3/2011 9:00	0			
1/3/2011 10:00	0			
1/3/2011 11:00	0			
1/3/2011 12:00	0			
1/3/2011 13:00	0			
1/3/2011 14:00	0			
1/3/2011 15:00	0			
1/3/2011 16:00	0			

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
1/3/2011 17:00	0			
1/3/2011 18:00	0			
1/3/2011 19:00	0			
1/3/2011 20:00	0			
1/3/2011 21:00	0			
1/3/2011 22:00	0			
1/3/2011 23:00	0			
1/4/2011 0:00	0			
1/4/2011 1:00	0			
1/4/2011 2:00	0			
1/4/2011 3:00	0			
1/4/2011 4:00	0			
1/4/2011 5:00	0			
1/4/2011 6:00	0			
1/4/2011 7:00	0			
1/4/2011 8:00	0			
1/4/2011 9:00	0			
1/4/2011 10:00	0			
1/4/2011 11:00	0			
1/4/2011 12:00	0			
1/4/2011 13:00	0			
1/4/2011 14:00	0			
1/4/2011 15:00	0			
1/4/2011 16:00	0			
1/4/2011 17:00	0			
1/4/2011 18:00	0			
1/4/2011 19:00	0			
1/4/2011 20:00	0			
1/4/2011 21:00	0			
1/4/2011 22:00	0			
1/4/2011 23:00	0			
1/5/2011 0:00	0			
1/5/2011 1:00	0			
1/5/2011 2:00	0			
1/5/2011 3:00	0			
1/5/2011 4:00	0			
1/5/2011 5:00	0			
1/5/2011 6:00	0			
1/5/2011 7:00	0			
1/5/2011 8:00	0			
1/5/2011 9:00	0			
1/5/2011 10:00	0			
1/5/2011 11:00	0			
1/5/2011 12:00	0			
1/5/2011 13:00	0			
1/5/2011 14:00	0			
1/5/2011 15:00	0			
1/5/2011 16:00	0			
1/5/2011 17:00	0			
1/5/2011 18:00	0			
1/5/2011 19:00	0			
1/5/2011 20:00	0			
1/5/2011 21:00	0			
1/5/2011 22:00	0			
1/5/2011 23:00	0			
1/6/2011 0:00	0			
1/6/2011 1:00	0			
1/6/2011 2:00	0			
1/6/2011 3:00	0			
1/6/2011 4:00	0			
1/6/2011 5:00	0			
1/6/2011 6:00	0			
1/6/2011 7:00	0			

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Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
1/6/2011 8:00	0			
1/6/2011 9:00	0			
1/6/2011 10:00	0			
1/6/2011 11:00	0			
1/6/2011 12:00	0			
1/6/2011 13:00	0			
1/6/2011 14:00	0			
1/6/2011 15:00	0			
1/6/2011 16:00	0			
1/6/2011 17:00	3200			
1/6/2011 18:00	13500			**light snow 27 degrees**
1/6/2011 19:00	0			
1/6/2011 20:00	0			
1/6/2011 21:00	0			
1/6/2011 22:00	0			
1/6/2011 23:00	0			
1/7/2011 0:00	0			
1/7/2011 1:00	0		**Echo loss/clean chute**	
1/7/2011 2:00	0			
1/7/2011 3:00	0			
1/7/2011 4:00	0			
1/7/2011 5:00	0			
1/7/2011 6:00	0			
1/7/2011 7:00	0			
1/7/2011 8:00	0			
1/7/2011 9:00	0			
1/7/2011 10:00	0			
1/7/2011 11:00	0			
1/7/2011 12:00	0			
1/7/2011 13:00	0			
1/7/2011 14:00	0			
1/7/2011 15:00	0			
1/7/2011 16:00	0			
1/7/2011 17:00	0			
1/7/2011 18:00	0			
1/7/2011 19:00	0			
1/7/2011 20:00	0			
1/7/2011 21:00	0			
1/7/2011 22:00	0			
1/7/2011 23:00	0			
1/8/2011 0:00	0			
1/8/2011 1:00	0			
1/8/2011 2:00	0			
1/8/2011 3:00	0			
1/8/2011 4:00	0			
1/8/2011 5:00	0			
1/8/2011 6:00	0			
1/8/2011 7:00	0			
1/8/2011 8:00	0			
1/8/2011 9:00	0			
1/8/2011 10:00	0			
1/8/2011 11:00	0			
1/8/2011 12:00	0			
1/8/2011 13:00	0			
1/8/2011 14:00	0			
1/8/2011 15:00	0			
1/8/2011 16:00	0			
1/8/2011 17:00	0			
1/8/2011 18:00	0			
1/8/2011 19:00	0			
1/8/2011 20:00	0			
1/8/2011 21:00	0			
1/8/2011 22:00	0			

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
1/8/2011 23:00	300			
1/9/2011 0:00	100			**light snow 24 degrees**
1/9/2011 1:00	200			
1/9/2011 2:00	0			
1/9/2011 3:00	0			
1/9/2011 4:00	0			
1/9/2011 5:00	0			
1/9/2011 6:00	0			
1/9/2011 7:00	0			
1/9/2011 8:00	100			
1/9/2011 9:00	300			
1/9/2011 10:00	0			
1/9/2011 11:00	0			
1/9/2011 12:00	0			
1/9/2011 13:00	0			
1/9/2011 14:00	0			
1/9/2011 15:00	0			
1/9/2011 16:00	0			
1/9/2011 17:00	0			
1/9/2011 18:00	300			
1/9/2011 19:00	700			
1/9/2011 20:00	600			
1/9/2011 21:00	1200			
1/9/2011 22:00	1800			
1/9/2011 23:00	1900			
1/10/2011 0:00	1900			**no precip 24 degrees**
1/10/2011 1:00	1400			
1/10/2011 2:00	1200			
1/10/2011 3:00	1500			
1/10/2011 4:00	1300			
1/10/2011 5:00	900			
1/10/2011 6:00	900			
1/10/2011 7:00	1200			
1/10/2011 8:00	1100			
1/10/2011 9:00	1000			
1/10/2011 10:00	300			
1/10/2011 11:00	400			
1/10/2011 12:00	0			
1/10/2011 13:00	0			
1/10/2011 14:00	0			
1/10/2011 15:00	0			
1/10/2011 16:00	0			
1/10/2011 17:00	200			
1/10/2011 18:00	600			
1/10/2011 19:00	800			
1/10/2011 20:00	800			
1/10/2011 21:00	700			
1/10/2011 22:00	500			
1/10/2011 23:00	300			
1/11/2011 0:00	100			**light snow 26 degrees**
1/11/2011 1:00	100			
1/11/2011 2:00	100			
1/11/2011 3:00	100			
1/11/2011 4:00	200			
1/11/2011 5:00	100			
1/11/2011 6:00	200			
1/11/2011 7:00	100			
1/11/2011 8:00	200			
1/11/2011 9:00	200			
1/11/2011 10:00	0			
1/11/2011 11:00	0			
1/11/2011 12:00	0			
1/11/2011 13:00	0			

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
1/11/2011 14:00	0			
1/11/2011 15:00	0			
1/11/2011 16:00	0			
1/11/2011 17:00	0			
1/11/2011 18:00	0			
1/11/2011 19:00	100			
1/11/2011 20:00	500			
1/11/2011 21:00	1900			
1/11/2011 22:00	7300			
1/11/2011 23:00	15600			
1/12/2011 0:00	19900			**light snow 21 degrees**
1/12/2011 1:00	29100			
1/12/2011 2:00	30400			
1/12/2011 3:00	27000			
1/12/2011 4:00	29800			
1/12/2011 5:00	40800			
1/12/2011 6:00	45500			
1/12/2011 7:00	47100			
1/12/2011 8:00	49500			
1/12/2011 9:00	49300			
1/12/2011 10:00	49500			
1/12/2011 11:00	68500			
1/12/2011 12:00	85000			
1/12/2011 13:00	97800			
1/12/2011 14:00	124300			
1/12/2011 15:00	124300			
1/12/2011 16:00	124200			
1/12/2011 17:00	124500			
1/12/2011 18:00	124200			
1/12/2011 19:00	124500			
1/12/2011 20:00	124200			
1/12/2011 21:00	124300			
1/12/2011 22:00	124400			
1/12/2011 23:00	124200			
1/13/2011 0:00	124400			**light snow 21 degrees**
1/13/2011 1:00	124300			
1/13/2011 2:00	124500		**Echo loss/cleaned chute**	
1/13/2011 3:00	124100			
1/13/2011 4:00	124500			
1/13/2011 5:00	124200			
1/13/2011 6:00	100500			
1/13/2011 7:00	0			
1/13/2011 8:00	0			
1/13/2011 9:00	0			
1/13/2011 10:00	0			
1/13/2011 11:00	0			
1/13/2011 12:00	0			
1/13/2011 13:00	0			
1/13/2011 14:00	0			
1/13/2011 15:00	0			
1/13/2011 16:00	0			
1/13/2011 17:00	0			
1/13/2011 18:00	0			
1/13/2011 19:00	0			
1/13/2011 20:00	0			
1/13/2011 21:00	0			
1/13/2011 22:00	0			
1/13/2011 23:00	0			
1/14/2011 0:00	0			
1/14/2011 1:00	0			
1/14/2011 2:00	0			
1/14/2011 3:00	0			
1/14/2011 4:00	0			

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Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
1/14/2011 5:00	0			
1/14/2011 6:00	0			
1/14/2011 7:00	0			
1/14/2011 8:00	0			
1/14/2011 9:00	0			
1/14/2011 10:00	0			
1/14/2011 11:00	0			
1/14/2011 12:00	0			
1/14/2011 13:00	0			
1/14/2011 14:00	0			
1/14/2011 15:00	0			
1/14/2011 16:00	0			
1/14/2011 17:00	0			
1/14/2011 18:00	0			
1/14/2011 19:00	0			
1/14/2011 20:00	0			
1/14/2011 21:00	0			
1/14/2011 22:00	0			
1/14/2011 23:00	0			
1/15/2011 0:00	0			
1/15/2011 1:00	0			
1/15/2011 2:00	0			
1/15/2011 3:00	0			
1/15/2011 4:00	0			
1/15/2011 5:00	0			
1/15/2011 6:00	0			
1/15/2011 7:00	0			
1/15/2011 8:00	0			
1/15/2011 9:00	0			
1/15/2011 10:00	0			
1/15/2011 11:00	0			
1/15/2011 12:00	1200			**light snow 30 degress**
1/15/2011 13:00	1100			
1/15/2011 14:00	4500			
1/15/2011 15:00	5000			
1/15/2011 16:00	8500			
1/15/2011 17:00	19400			
1/15/2011 18:00	24200			
1/15/2011 19:00	26200			
1/15/2011 20:00	26500			
1/15/2011 21:00	22900			
1/15/2011 22:00	7300			
1/15/2011 23:00	0			
1/16/2011 0:00	0			
1/16/2011 1:00	0			
1/16/2011 2:00	0			
1/16/2011 3:00	0			
1/16/2011 4:00	0			
1/16/2011 5:00	0			
1/16/2011 6:00	0			
1/16/2011 7:00	0			
1/16/2011 8:00	0			
1/16/2011 9:00	0			
1/16/2011 10:00	0			
1/16/2011 11:00	0			
1/16/2011 12:00	0			
1/16/2011 13:00	0			
1/16/2011 14:00	0			
1/16/2011 15:00	0			
1/16/2011 16:00	0			
1/16/2011 17:00	0			
1/16/2011 18:00	0			
1/16/2011 19:00	0			

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
1/16/2011 20:00	0			
1/16/2011 21:00	0		**Echo loss/clean chute**	
1/16/2011 22:00	0			
1/16/2011 23:00	0			
1/17/2011 0:00	0			
1/17/2011 1:00	0			
1/17/2011 2:00	0			
1/17/2011 3:00	0			
1/17/2011 4:00	0			
1/17/2011 5:00	0			
1/17/2011 6:00	0			
1/17/2011 7:00	0			
1/17/2011 8:00	0			
1/17/2011 9:00	0			
1/17/2011 10:00	0			
1/17/2011 11:00	0			
1/17/2011 12:00	0			
1/17/2011 13:00	0			
1/17/2011 14:00	0			
1/17/2011 15:00	0			
1/17/2011 16:00	0			
1/17/2011 17:00	0			
1/17/2011 18:00	0			
1/17/2011 19:00	0			
1/17/2011 20:00	0			
1/17/2011 21:00	0			
1/17/2011 22:00	0			
1/17/2011 23:00	0			
1/18/2011 0:00	0			
1/18/2011 1:00	0			
1/18/2011 2:00	0			
1/18/2011 3:00	0			
1/18/2011 4:00	0			
1/18/2011 5:00	0			
1/18/2011 6:00	0			
1/18/2011 7:00	0			
1/18/2011 8:00	0			
1/18/2011 9:00	0			
1/18/2011 10:00	0			
1/18/2011 11:00	0			
1/18/2011 12:00	0			
1/18/2011 13:00	0			
1/18/2011 14:00	0			
1/18/2011 15:00	2700			**light rain/light snow 39 degrees**
1/18/2011 16:00	4900			
1/18/2011 17:00	5000			
1/18/2011 18:00	4500			
1/18/2011 19:00	10100			
1/18/2011 20:00	27800			
1/18/2011 21:00	25600			
1/18/2011 22:00	21100			
1/18/2011 23:00	14600			
1/19/2011 0:00	10400			
1/19/2011 1:00	8100			
1/19/2011 2:00	7500			
1/19/2011 3:00	7200			
1/19/2011 4:00	6400			
1/19/2011 5:00	4200			
1/19/2011 6:00	3100			
1/19/2011 7:00	3000			
1/19/2011 8:00	2900			
1/19/2011 9:00	2500			
1/19/2011 10:00	1100	1		

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Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
1/19/2011 11:00	0			
1/19/2011 12:00	0			
1/19/2011 13:00	0			
1/19/2011 14:00	0			
1/19/2011 15:00	0			
1/19/2011 16:00	0			
1/19/2011 17:00	0			
1/19/2011 18:00	0			
1/19/2011 19:00	0			
1/19/2011 20:00	0			
1/19/2011 21:00	0			
1/19/2011 22:00	0			
1/19/2011 23:00	0			
1/20/2011 0:00	0			
1/20/2011 1:00	0			
1/20/2011 2:00	0			
1/20/2011 3:00	0			
1/20/2011 4:00	0			
1/20/2011 5:00	0			
1/20/2011 6:00	0			
1/20/2011 7:00	0			
1/20/2011 8:00	0			
1/20/2011 9:00	0			
1/20/2011 10:00	0			
1/20/2011 11:00	0			
1/20/2011 12:00	0			
1/20/2011 13:00	0			
1/20/2011 14:00	0			
1/20/2011 15:00	0			
1/20/2011 16:00	0			
1/20/2011 17:00	0			
1/20/2011 18:00	0			
1/20/2011 19:00	0			
1/20/2011 20:00	0			
1/20/2011 21:00	0			
1/20/2011 22:00	0			
1/20/2011 23:00	0			
1/21/2011 0:00	0			
1/21/2011 1:00	0		**Echo loss/clean chute**	
1/21/2011 2:00	0			
1/21/2011 3:00	0			
1/21/2011 4:00	0			
1/21/2011 5:00	0			
1/21/2011 6:00	0			
1/21/2011 7:00	0			
1/21/2011 8:00	0			
1/21/2011 9:00	0			
1/21/2011 10:00	0			
1/21/2011 11:00	0			
1/21/2011 12:00	0			
1/21/2011 13:00	200			**light snow 19 degress**
1/21/2011 14:00	600			
1/21/2011 15:00	700			
1/21/2011 16:00	1200			
1/21/2011 17:00	1400			
1/21/2011 18:00	2700			
1/21/2011 19:00	2900			
1/21/2011 20:00	2900			
1/21/2011 21:00	2700			
1/21/2011 22:00	2800			
1/21/2011 23:00	2700			
1/22/2011 0:00	2500			**light snow 17 degrees**
1/22/2011 1:00	1800			

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
1/22/2011 2:00	1200			
1/22/2011 3:00	1000			
1/22/2011 4:00	1100			
1/22/2011 5:00	1200			
1/22/2011 6:00	1100			
1/22/2011 7:00	1500			
1/22/2011 8:00	1700			
1/22/2011 9:00	1800			
1/22/2011 10:00	1500			
1/22/2011 11:00	900			
1/22/2011 12:00	400			
1/22/2011 13:00	0			
1/22/2011 14:00	0			
1/22/2011 15:00	200			
1/22/2011 16:00	400			
1/22/2011 17:00	1200			
1/22/2011 18:00	1800			
1/22/2011 19:00	1400			
1/22/2011 20:00	700			
1/22/2011 21:00	300			
1/22/2011 22:00	0			
1/22/2011 23:00	0			
1/23/2011 0:00	0			
1/23/2011 1:00	0			
1/23/2011 2:00	0			
1/23/2011 3:00	0			
1/23/2011 4:00	0			
1/23/2011 5:00	0			
1/23/2011 6:00	0			
1/23/2011 7:00	0			
1/23/2011 8:00	0			
1/23/2011 9:00	73400			**light snow 14 degrees**
1/23/2011 10:00	86500			
1/23/2011 11:00	99900			
1/23/2011 12:00	91500			
1/23/2011 13:00	88600			
1/23/2011 14:00	75800			
1/23/2011 15:00	71800			
1/23/2011 16:00	71800			
1/23/2011 17:00	71800			
1/23/2011 18:00	71800			
1/23/2011 19:00	71800			
1/23/2011 20:00	71800			
1/23/2011 21:00	71900			
1/23/2011 22:00	71800			
1/23/2011 23:00	71900			
1/24/2011 0:00	71800		**Echo loss/clean chute**	
1/24/2011 1:00	71800		**Echo loss/clean chute**	
1/24/2011 2:00	33500			
1/24/2011 3:00	0			
1/24/2011 4:00	0			
1/24/2011 5:00	0			
1/24/2011 6:00	0			
1/24/2011 7:00	0			
1/24/2011 8:00	0			
1/24/2011 9:00	0			
1/24/2011 10:00	0			
1/24/2011 11:00	0			
1/24/2011 12:00	0			
1/24/2011 13:00	0			
1/24/2011 14:00	0			
1/24/2011 15:00	0			
1/24/2011 16:00	0			

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
1/24/2011 17:00	0			
1/24/2011 18:00	0			
1/24/2011 19:00	0			
1/24/2011 20:00	0			
1/24/2011 21:00	0			
1/24/2011 22:00	0			
1/24/2011 23:00	0			
1/25/2011 0:00	0			
1/25/2011 1:00	0			
1/25/2011 2:00	0			
1/25/2011 3:00	0			
1/25/2011 4:00	0			
1/25/2011 5:00	0			
1/25/2011 6:00	0			
1/25/2011 7:00	0			
1/25/2011 8:00	0			
1/25/2011 9:00	0			
1/25/2011 10:00	0			
1/25/2011 11:00	0			
1/25/2011 12:00	0			
1/25/2011 13:00	0			
1/25/2011 14:00	0			
1/25/2011 15:00	0			
1/25/2011 16:00	0			
1/25/2011 17:00	0			
1/25/2011 18:00	0			
1/25/2011 19:00	0			
1/25/2011 20:00	0			
1/25/2011 21:00	0			
1/25/2011 22:00	0			
1/25/2011 23:00	0			
1/26/2011 0:00	0			
1/26/2011 1:00	0			
1/26/2011 2:00	0			
1/26/2011 3:00	0			
1/26/2011 4:00	0			
1/26/2011 5:00	0			
1/26/2011 6:00	0			
1/26/2011 7:00	0			
1/26/2011 8:00	0			
1/26/2011 9:00	0			
1/26/2011 10:00	0			
1/26/2011 11:00	0			
1/26/2011 12:00	0			
1/26/2011 13:00	0			
1/26/2011 14:00	0			
1/26/2011 15:00	0			
1/26/2011 16:00	0			
1/26/2011 17:00	0			
1/26/2011 18:00	0			
1/26/2011 19:00	0			
1/26/2011 20:00	0			
1/26/2011 21:00	0			
1/26/2011 22:00	0			
1/26/2011 23:00	0			
1/27/2011 0:00	0			
1/27/2011 1:00	0			
1/27/2011 2:00	0			
1/27/2011 3:00	0			
1/27/2011 4:00	0			
1/27/2011 5:00	0			
1/27/2011 6:00	0			
1/27/2011 7:00	0			

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
1/27/2011 8:00	0			
1/27/2011 9:00	0			
1/27/2011 10:00	0			
1/27/2011 11:00	0			
1/27/2011 12:00	0			
1/27/2011 13:00	0			
1/27/2011 14:00	0			
1/27/2011 15:00	0			
1/27/2011 16:00	0			
1/27/2011 17:00	0			
1/27/2011 18:00	0			
1/27/2011 19:00	0			
1/27/2011 20:00	0			
1/27/2011 21:00	0			
1/27/2011 22:00	0			
1/27/2011 23:00	0			
1/28/2011 0:00	0			
1/28/2011 1:00	0			
1/28/2011 2:00	0			
1/28/2011 3:00	0			
1/28/2011 4:00	0			
1/28/2011 5:00	0			
1/28/2011 6:00	0			
1/28/2011 7:00	0			
1/28/2011 8:00	0			
1/28/2011 9:00	0			
1/28/2011 10:00	0			
1/28/2011 11:00	0			
1/28/2011 12:00	0			
1/28/2011 13:00	0			
1/28/2011 14:00	0			
1/28/2011 15:00	0			
1/28/2011 16:00	0			
1/28/2011 17:00	0			
1/28/2011 18:00	0			
1/28/2011 19:00	0			
1/28/2011 20:00	0			
1/28/2011 21:00	0			
1/28/2011 22:00	0			
1/28/2011 23:00	0			
1/29/2011 0:00	0			
1/29/2011 1:00	0			
1/29/2011 2:00	0			
1/29/2011 3:00	0			
1/29/2011 4:00	0			
1/29/2011 5:00	0			
1/29/2011 6:00	0			
1/29/2011 7:00	0			
1/29/2011 8:00	0			
1/29/2011 9:00	0			
1/29/2011 10:00	0			
1/29/2011 11:00	0			
1/29/2011 12:00	0			
1/29/2011 13:00	0			
1/29/2011 14:00	0			
1/29/2011 15:00	0			
1/29/2011 16:00	0			
1/29/2011 17:00	0			
1/29/2011 18:00	0			
1/29/2011 19:00	0			
1/29/2011 20:00	0			
1/29/2011 21:00	0			
1/29/2011 22:00	0			

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
1/29/2011 23:00	0			
1/30/2011 0:00	0			
1/30/2011 1:00	0			
1/30/2011 2:00	0			
1/30/2011 3:00	0			
1/30/2011 4:00	0			
1/30/2011 5:00	0			
1/30/2011 6:00	0			
1/30/2011 7:00	0			
1/30/2011 8:00	0			
1/30/2011 9:00	0			
1/30/2011 10:00	0			
1/30/2011 11:00	0			
1/30/2011 12:00	0			
1/30/2011 13:00	0			
1/30/2011 14:00	0			
1/30/2011 15:00	0			
1/30/2011 16:00	0			
1/30/2011 17:00	0			
1/30/2011 18:00	0			
1/30/2011 19:00	0			
1/30/2011 20:00	0			
1/30/2011 21:00	0			
1/30/2011 22:00	0			
1/30/2011 23:00	0			
1/31/2011 0:00	0			
1/31/2011 1:00	0			
1/31/2011 2:00	0			
1/31/2011 3:00	0			
1/31/2011 4:00	0			
1/31/2011 5:00	0			
1/31/2011 6:00	0			
1/31/2011 7:00	0			
1/31/2011 8:00	0			
1/31/2011 9:00	0			
1/31/2011 10:00	0			
1/31/2011 11:00	0			
1/31/2011 12:00	0			
1/31/2011 13:00	0			
1/31/2011 14:00	0			
1/31/2011 15:00	0			
1/31/2011 16:00	0			
1/31/2011 17:00	0			
1/31/2011 18:00	0			
1/31/2011 19:00	0			
1/31/2011 20:00	0			
1/31/2011 21:00	0			
1/31/2011 22:00	0			
1/31/2011 23:00	0			
2/1/2011 0:00	0			
2/1/2011 1:00	0			
2/1/2011 2:00	0			
2/1/2011 3:00	0			
2/1/2011 4:00	0			
2/1/2011 5:00	0			
2/1/2011 6:00	0			
2/1/2011 7:00	0			
2/1/2011 8:00	0			
2/1/2011 9:00	0			
2/1/2011 10:00	0			
2/1/2011 11:00	0			
2/1/2011 12:00	0			
2/1/2011 13:00	0			

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
2/1/2011 14:00	0			
2/1/2011 15:00	0			
2/1/2011 16:00	0			
2/1/2011 17:00	0			
2/1/2011 18:00	0			
2/1/2011 19:00	0			
2/1/2011 20:00	0			
2/1/2011 21:00	0			
2/1/2011 22:00	0			
2/1/2011 23:00	0			
2/2/2011 0:00	200			**light snow/freezing rain 25 degrees**
2/2/2011 1:00	2800			
2/2/2011 2:00	12700			
2/2/2011 3:00	22600		**Echo loss/clean chute**	
2/2/2011 4:00	20800			
2/2/2011 5:00	0			
2/2/2011 6:00	100			
2/2/2011 7:00	900			
2/2/2011 8:00	600			
2/2/2011 9:00	0			
2/2/2011 10:00	2500			
2/2/2011 11:00	4100			
2/2/2011 12:00	4400			
2/2/2011 13:00	3700			
2/2/2011 14:00	3600			
2/2/2011 15:00	3600			
2/2/2011 16:00	3600			
2/2/2011 17:00	4000			
2/2/2011 18:00	4800			
2/2/2011 19:00	20100			
2/2/2011 20:00	23200			
2/2/2011 21:00	22900			
2/2/2011 22:00	22900			
2/2/2011 23:00	22800			
2/3/2011 0:00	22900			
2/3/2011 1:00	22900		**Echo loss/clean chute**	
2/3/2011 2:00	22900			
2/3/2011 3:00	5600			
2/3/2011 4:00	0			
2/3/2011 5:00	0			
2/3/2011 6:00	0			
2/3/2011 7:00	0			
2/3/2011 8:00	0			
2/3/2011 9:00	0			
2/3/2011 10:00	0			
2/3/2011 11:00	0			
2/3/2011 12:00	0			
2/3/2011 13:00	0			
2/3/2011 14:00	0			
2/3/2011 15:00	0			
2/3/2011 16:00	0			
2/3/2011 17:00	5700			**no precip 27 degrees**
2/3/2011 18:00	14400			erroneous data
2/3/2011 19:00	0			
2/3/2011 20:00	0			
2/3/2011 21:00	0			
2/3/2011 22:00	0			
2/3/2011 23:00	0			
2/4/2011 0:00	0			
2/4/2011 1:00	0			
2/4/2011 2:00	0			
2/4/2011 3:00	0			
2/4/2011 4:00	0			

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
2/4/2011 5:00	0			
2/4/2011 6:00	0			
2/4/2011 7:00	0			
2/4/2011 8:00	0			
2/4/2011 9:00	0			
2/4/2011 10:00	0			
2/4/2011 11:00	0			
2/4/2011 12:00	0			
2/4/2011 13:00	0			
2/4/2011 14:00	0			
2/4/2011 15:00	0			
2/4/2011 16:00	0			
2/4/2011 17:00	0			
2/4/2011 18:00	0			
2/4/2011 19:00	0			
2/4/2011 20:00	0			
2/4/2011 21:00	0			
2/4/2011 22:00	0			
2/4/2011 23:00	0			
2/5/2011 0:00	0			**light snow 33 degrees**
2/5/2011 1:00	0			
2/5/2011 2:00	0			
2/5/2011 3:00	0			
2/5/2011 4:00	0			
2/5/2011 5:00	0			
2/5/2011 6:00	0			
2/5/2011 7:00	0			
2/5/2011 8:00	0			
2/5/2011 9:00	0			
2/5/2011 10:00	0			
2/5/2011 11:00	0			
2/5/2011 12:00	0			
2/5/2011 13:00	0			
2/5/2011 14:00	0			
2/5/2011 15:00	0			
2/5/2011 16:00	0			
2/5/2011 17:00	0			
2/5/2011 18:00	0			
2/5/2011 19:00	0			
2/5/2011 20:00	0			
2/5/2011 21:00	3200			
2/5/2011 22:00	7700			
2/5/2011 23:00	7500			
2/6/2011 0:00	7500			**light snow 30 degrees**
2/6/2011 1:00	7500			
2/6/2011 2:00	7500			
2/6/2011 3:00	7100			
2/6/2011 4:00	7100			
2/6/2011 5:00	7200			
2/6/2011 6:00	7100			
2/6/2011 7:00	7100			
2/6/2011 8:00	7100			
2/6/2011 9:00	7100			
2/6/2011 10:00	7200			
2/6/2011 11:00	18900			
2/6/2011 12:00	19300			
2/6/2011 13:00	19200			
2/6/2011 14:00	19300			
2/6/2011 15:00	16600			
2/6/2011 16:00	9700			
2/6/2011 17:00	10900			
2/6/2011 18:00	15600			
2/6/2011 19:00	17200			

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
2/6/2011 20:00	15900			
2/6/2011 21:00	14500			
2/6/2011 22:00	13900			
2/6/2011 23:00	12900			
2/7/2011 0:00	12100			**light snow 34 degrees**
2/7/2011 1:00	11400			
2/7/2011 2:00	11500			
2/7/2011 3:00	11100			
2/7/2011 4:00	10300			
2/7/2011 5:00	9300			
2/7/2011 6:00	9200			
2/7/2011 7:00	9300			
2/7/2011 8:00	9200			
2/7/2011 9:00	9500			
2/7/2011 10:00	12300			
2/7/2011 11:00	12300			
2/7/2011 12:00	12300			
2/7/2011 13:00	17900			
2/7/2011 14:00	11300			
2/7/2011 15:00	8100			
2/7/2011 16:00	11200			
2/7/2011 17:00	9100			
2/7/2011 18:00	16600			
2/7/2011 19:00	17700			
2/7/2011 20:00	15200			
2/7/2011 21:00	12600			
2/7/2011 22:00	12900			
2/7/2011 23:00	12800			
2/8/2011 0:00	12800		**Echo loss/clean chute**	
2/8/2011 1:00	7000			**light snow 21 degrees**
2/8/2011 2:00	0			
2/8/2011 3:00	0			
2/8/2011 4:00	0			
2/8/2011 5:00	0			
2/8/2011 6:00	0			
2/8/2011 7:00	0			
2/8/2011 8:00	0			
2/8/2011 9:00	0			
2/8/2011 10:00	0			
2/8/2011 11:00	0			
2/8/2011 12:00	0			
2/8/2011 13:00	0			
2/8/2011 14:00	0			
2/8/2011 15:00	0			
2/8/2011 16:00	0			
2/8/2011 17:00	0			
2/8/2011 18:00	0			
2/8/2011 19:00	13300			
2/8/2011 20:00	183100			
2/8/2011 21:00	182400			
2/8/2011 22:00	182000			
2/8/2011 23:00	187000			
2/9/2011 0:00	190700		**Echo loss/clear chute**	
2/9/2011 1:00	196300			
2/9/2011 2:00	184900			
2/9/2011 3:00	188100			
2/9/2011 4:00	206600			
2/9/2011 5:00	32900			
2/9/2011 6:00	9800			
2/9/2011 7:00	21600			
2/9/2011 8:00	36000			
2/9/2011 9:00	65100			
2/9/2011 10:00	74400			

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
2/9/2011 11:00	74100			
2/9/2011 12:00	74300			
2/9/2011 13:00	74200			
2/9/2011 14:00	74300			
2/9/2011 15:00	74300			
2/9/2011 16:00	74200			
2/9/2011 17:00	74200			
2/9/2011 18:00	74200			
2/9/2011 19:00	74200			
2/9/2011 20:00	74300			
2/9/2011 21:00	74300			
2/9/2011 22:00	74200			
2/9/2011 23:00	74400			
2/10/2011 0:00	74200			
2/10/2011 1:00	74100		Echo loss/clear chute	
2/10/2011 2:00	74300			
2/10/2011 3:00	161800			
2/10/2011 4:00	181700			
2/10/2011 5:00	181500			
2/10/2011 6:00	181600			
2/10/2011 7:00	181600			
2/10/2011 8:00	181600			
2/10/2011 9:00	181900			
2/10/2011 10:00	181800			
2/10/2011 11:00	182300			
2/10/2011 12:00	182500			
2/10/2011 13:00	182800			
2/10/2011 14:00	182600			
2/10/2011 15:00	182300			
2/10/2011 16:00	182200			
2/10/2011 17:00	182200			
2/10/2011 18:00	182200			
2/10/2011 19:00	188200			
2/10/2011 20:00	185300			
2/10/2011 21:00	185000			
2/10/2011 22:00	184800			
2/10/2011 23:00	184900			
2/11/2011 0:00	184700		Echo loss	no precip 26 degrees
2/11/2011 1:00	184900			
2/11/2011 2:00	184900			
2/11/2011 3:00	185100			
2/11/2011 4:00	184900			
2/11/2011 5:00	185100			
2/11/2011 6:00	104800			
2/11/2011 7:00	50100			
2/11/2011 8:00	50000			
2/11/2011 9:00	50000			
2/11/2011 10:00	50000			
2/11/2011 11:00	42200			
2/11/2011 12:00	38600			
2/11/2011 13:00	37900			
2/11/2011 14:00	37900			
2/11/2011 15:00	37900			
2/11/2011 16:00	38000			
2/11/2011 17:00	39400			
2/11/2011 18:00	39500			
2/11/2011 19:00	39500			
2/11/2011 20:00	39500			
2/11/2011 21:00	39500			
2/11/2011 22:00	39500			
2/11/2011 23:00	39500			
2/12/2011 0:00	44200			light snow 30 degrees
2/12/2011 1:00	44200			

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
2/12/2011 2:00	44800			
2/12/2011 3:00	44800			
2/12/2011 4:00	44800			
2/12/2011 5:00	44800			
2/12/2011 6:00	44700			
2/12/2011 7:00	44800			
2/12/2011 8:00	44800			
2/12/2011 9:00	44800			
2/12/2011 10:00	44800			
2/12/2011 11:00	44800			
2/12/2011 12:00	44800			
2/12/2011 13:00	44800			
2/12/2011 14:00	95400			
2/12/2011 15:00	121700			
2/12/2011 16:00	138800			
2/12/2011 17:00	143700			
2/12/2011 18:00	146700			
2/12/2011 19:00	148400			
2/12/2011 20:00	145900			
2/12/2011 21:00	142500			
2/12/2011 22:00	139400			
2/12/2011 23:00	137100			
2/13/2011 0:00	131900			**light snow 44 degrees**
2/13/2011 1:00	129800			
2/13/2011 2:00	129600			
2/13/2011 3:00	130600			
2/13/2011 4:00	132700			
2/13/2011 5:00	142900			
2/13/2011 6:00	143800			
2/13/2011 7:00	155500			
2/13/2011 8:00	155500			
2/13/2011 9:00	155400			
2/13/2011 10:00	155700			
2/13/2011 11:00	143200			
2/13/2011 12:00	128400			
2/13/2011 13:00	130500			
2/13/2011 14:00	121200			
2/13/2011 15:00	71600			
2/13/2011 16:00	5900			
2/13/2011 17:00	7400			
2/13/2011 18:00	9200			
2/13/2011 19:00	11500			
2/13/2011 20:00	14700			
2/13/2011 21:00	19100			
2/13/2011 22:00	24400			
2/13/2011 23:00	28700			
2/14/2011 0:00	33100			**46 degrees**
2/14/2011 1:00	34800			
2/14/2011 2:00	34300			
2/14/2011 3:00	39200			
2/14/2011 4:00	44500			
2/14/2011 5:00	50100			
2/14/2011 6:00	51800			
2/14/2011 7:00	48600			
2/14/2011 8:00	44400			
2/14/2011 9:00	32300			
2/14/2011 10:00	32100			
2/14/2011 11:00	33200			
2/14/2011 12:00	35700			
2/14/2011 13:00	38500			
2/14/2011 14:00	40400			
2/14/2011 15:00	34300			
2/14/2011 16:00	28300			

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
2/14/2011 17:00	22400			
2/14/2011 18:00	17800			
2/14/2011 19:00	15300			
2/14/2011 20:00	13900			
2/14/2011 21:00	12700			
2/14/2011 22:00	11100			
2/14/2011 23:00	9800			
2/15/2011 0:00	8500			**15 degrees**
2/15/2011 1:00	7500			
2/15/2011 2:00	6500			
2/15/2011 3:00	5900			
2/15/2011 4:00	5300			
2/15/2011 5:00	4900			
2/15/2011 6:00	4400			
2/15/2011 7:00	4000			
2/15/2011 8:00	3500			
2/15/2011 9:00	2200			
2/15/2011 10:00	1000			
2/15/2011 11:00	900			
2/15/2011 12:00	400			
2/15/2011 13:00	400			
2/15/2011 14:00	400			
2/15/2011 15:00	900			
2/15/2011 16:00	700			
2/15/2011 17:00	1000			
2/15/2011 18:00	2800			
2/15/2011 19:00	3600			
2/15/2011 20:00	3000			
2/15/2011 21:00	2600			
2/15/2011 22:00	2200	1		
2/15/2011 23:00	0			
2/16/2011 0:00	0			**41 degrees**
2/16/2011 1:00	0			
2/16/2011 2:00	0			
2/16/2011 3:00	0			
2/16/2011 4:00	0			
2/16/2011 5:00	0			
2/16/2011 6:00	0			
2/16/2011 7:00	0			
2/16/2011 8:00	0			
2/16/2011 9:00	0			
2/16/2011 10:00	0			
2/16/2011 11:00	0			
2/16/2011 12:00	0			
2/16/2011 13:00	0			
2/16/2011 14:00	0			
2/16/2011 15:00	0			
2/16/2011 16:00	0			
2/16/2011 17:00	0			
2/16/2011 18:00	0			
2/16/2011 19:00	2100			
2/16/2011 20:00	3100			
2/16/2011 21:00	3200			
2/16/2011 22:00	2800			
2/16/2011 23:00	700			
2/17/2011 0:00	0			**light rain 53 degrees**
2/17/2011 1:00	0			
2/17/2011 2:00	0			
2/17/2011 3:00	0			
2/17/2011 4:00	0			
2/17/2011 5:00	0			
2/17/2011 6:00	0			
2/17/2011 7:00	0			

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
2/17/2011 8:00	0			
2/17/2011 9:00	0			
2/17/2011 10:00	9200			
2/17/2011 11:00	19600			
2/17/2011 12:00	39500			
2/17/2011 13:00	61700			
2/17/2011 14:00	80100			
2/17/2011 15:00	90600			
2/17/2011 16:00	85300			
2/17/2011 17:00	81900			
2/17/2011 18:00	82900			
2/17/2011 19:00	74700			
2/17/2011 20:00	71600			
2/17/2011 21:00	73800			
2/17/2011 22:00	83600			
2/17/2011 23:00	91600			
2/18/2011 0:00	103600			**52 degrees**
2/18/2011 1:00	117400			
2/18/2011 2:00	128200			
2/18/2011 3:00	141000			
2/18/2011 4:00	165400			
2/18/2011 5:00	185800			
2/18/2011 6:00	191600			
2/18/2011 7:00	190200			
2/18/2011 8:00	191100			
2/18/2011 9:00	190100			
2/18/2011 10:00	190800			
2/18/2011 11:00	190900			
2/18/2011 12:00	191000			
2/18/2011 13:00	190800			
2/18/2011 14:00	191500			
2/18/2011 15:00	190500			
2/18/2011 16:00	191800			
2/18/2011 17:00	192900			
2/18/2011 18:00	193700			
2/18/2011 19:00	198100			
2/18/2011 20:00	199000			
2/18/2011 21:00	194900			
2/18/2011 22:00	115500			
2/18/2011 23:00	69400			
2/19/2011 0:00	55400			**light snow 35 degrees**
2/19/2011 1:00	41500			
2/19/2011 2:00	30400			
2/19/2011 3:00	23400			
2/19/2011 4:00	16500			
2/19/2011 5:00	11200			
2/19/2011 6:00	6900			
2/19/2011 7:00	4300			
2/19/2011 8:00	3500			
2/19/2011 9:00	3300			
2/19/2011 10:00	2800			
2/19/2011 11:00	2100			
2/19/2011 12:00	400	1		
2/19/2011 13:00	0			
2/19/2011 14:00	0			
2/19/2011 15:00	0			
2/19/2011 16:00	0			
2/19/2011 17:00	0			
2/19/2011 18:00	0			
2/19/2011 19:00	0			
2/19/2011 20:00	0			
2/19/2011 21:00	0			
2/19/2011 22:00	0			

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
2/19/2011 23:00	0			
2/20/2011 0:00	0			
2/20/2011 1:00	0			
2/20/2011 2:00	0			
2/20/2011 3:00	0			
2/20/2011 4:00	0			
2/20/2011 5:00	0			
2/20/2011 6:00	0			
2/20/2011 7:00	0			
2/20/2011 8:00	0			
2/20/2011 9:00	0			
2/20/2011 10:00	0			
2/20/2011 11:00	0			
2/20/2011 12:00	0			
2/20/2011 13:00	0			
2/20/2011 14:00	0			
2/20/2011 15:00	0			
2/20/2011 16:00	0			
2/20/2011 17:00	0			
2/20/2011 18:00	0			
2/20/2011 19:00	0			
2/20/2011 20:00	0			
2/20/2011 21:00	0			
2/20/2011 22:00	0			
2/20/2011 23:00	0			
2/21/2011 0:00	0			
2/21/2011 1:00	0			
2/21/2011 2:00	0			
2/21/2011 3:00	0			
2/21/2011 4:00	0			
2/21/2011 5:00	0			
2/21/2011 6:00	0			
2/21/2011 7:00	0			
2/21/2011 8:00	0			
2/21/2011 9:00	0			
2/21/2011 10:00	0			
2/21/2011 11:00	0			
2/21/2011 12:00	0			
2/21/2011 13:00	0			
2/21/2011 14:00	0			
2/21/2011 15:00	0			
2/21/2011 16:00	0			
2/21/2011 17:00	0			
2/21/2011 18:00	0			
2/21/2011 19:00	0			
2/21/2011 20:00	0			
2/21/2011 21:00	0			
2/21/2011 22:00	0			
2/21/2011 23:00	0			
2/22/2011 0:00	0			
2/22/2011 1:00	0			
2/22/2011 2:00	0			
2/22/2011 3:00	0			
2/22/2011 4:00	0			
2/22/2011 5:00	0			
2/22/2011 6:00	0			
2/22/2011 7:00	0			
2/22/2011 8:00	0			
2/22/2011 9:00	0			
2/22/2011 10:00	0			
2/22/2011 11:00	0			
2/22/2011 12:00	0			
2/22/2011 13:00	0			

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
2/22/2011 14:00	0			
2/22/2011 15:00	0			
2/22/2011 16:00	0			
2/22/2011 17:00	0			
2/22/2011 18:00	0			
2/22/2011 19:00	0			
2/22/2011 20:00	0			
2/22/2011 21:00	0			
2/22/2011 22:00	0			
2/22/2011 23:00	0			
2/23/2011 0:00	0			
2/23/2011 1:00	0			
2/23/2011 2:00	0			
2/23/2011 3:00	0			
2/23/2011 4:00	0			
2/23/2011 5:00	0			
2/23/2011 6:00	0			
2/23/2011 7:00	0			
2/23/2011 8:00	0			
2/23/2011 9:00	0			
2/23/2011 10:00	0			
2/23/2011 11:00	0			
2/23/2011 12:00	0			
2/23/2011 13:00	0			
2/23/2011 14:00	0			
2/23/2011 15:00	0			
2/23/2011 16:00	0			
2/23/2011 17:00	0			
2/23/2011 18:00	0			
2/23/2011 19:00	0			
2/23/2011 20:00	0			
2/23/2011 21:00	0			
2/23/2011 22:00	0			
2/23/2011 23:00	0			
2/24/2011 0:00	0			
2/24/2011 1:00	0			
2/24/2011 2:00	0			
2/24/2011 3:00	0			
2/24/2011 4:00	0			
2/24/2011 5:00	0			
2/24/2011 6:00	0			
2/24/2011 7:00	0			
2/24/2011 8:00	0			
2/24/2011 9:00	0			
2/24/2011 10:00	0			
2/24/2011 11:00	0			
2/24/2011 12:00	0			
2/24/2011 13:00	0			
2/24/2011 14:00	0			
2/24/2011 15:00	0			
2/24/2011 16:00	0			
2/24/2011 17:00	0			
2/24/2011 18:00	0			
2/24/2011 19:00	0			
2/24/2011 20:00	0			
2/24/2011 21:00	0			
2/24/2011 22:00	0			
2/24/2011 23:00	0			
2/25/2011 0:00	0			
2/25/2011 1:00	0			
2/25/2011 2:00	0			
2/25/2011 3:00	0			
2/25/2011 4:00	0			

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
2/25/2011 5:00	0			
2/25/2011 6:00	0			
2/25/2011 7:00	0			
2/25/2011 8:00	0			
2/25/2011 9:00	5200			**Snow 33 degrees**
2/25/2011 10:00	22100			
2/25/2011 11:00	52300			
2/25/2011 12:00	74000			
2/25/2011 13:00	82400			
2/25/2011 14:00	86900			
2/25/2011 15:00	90500			
2/25/2011 16:00	91100			
2/25/2011 17:00	85200			
2/25/2011 18:00	86500			
2/25/2011 19:00	92000			
2/25/2011 20:00	92000			
2/25/2011 21:00	91200			
2/25/2011 22:00	90500			
2/25/2011 23:00	89000			
2/26/2011 0:00	88000			**light snow 26 degrees**
2/26/2011 1:00	86900			
2/26/2011 2:00	86100			
2/26/2011 3:00	85800			
2/26/2011 4:00	83700			
2/26/2011 5:00	82200			
2/26/2011 6:00	79900			
2/26/2011 7:00	77500			
2/26/2011 8:00	70300			
2/26/2011 9:00	65900			
2/26/2011 10:00	63400			
2/26/2011 11:00	61600			
2/26/2011 12:00	57600			
2/26/2011 13:00	56400			
2/26/2011 14:00	55800			
2/26/2011 15:00	55300			
2/26/2011 16:00	55200			
2/26/2011 17:00	55200			
2/26/2011 18:00	55200			
2/26/2011 19:00	60700			
2/26/2011 20:00	65900			
2/26/2011 21:00	62300			
2/26/2011 22:00	72400			
2/26/2011 23:00	77400			
2/27/2011 0:00	84600			**light snow 37 degrees**
2/27/2011 1:00	94400			
2/27/2011 2:00	97900			
2/27/2011 3:00	98100			
2/27/2011 4:00	97900			
2/27/2011 5:00	98000			
2/27/2011 6:00	97800			
2/27/2011 7:00	98100			
2/27/2011 8:00	98000			
2/27/2011 9:00	97900			
2/27/2011 10:00	97900			
2/27/2011 11:00	94900			
2/27/2011 12:00	86400			
2/27/2011 13:00	77000			
2/27/2011 14:00	55800			
2/27/2011 15:00	21400			
2/27/2011 16:00	2500			
2/27/2011 17:00	3900			
2/27/2011 18:00	4000			
2/27/2011 19:00	3700			

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
2/27/2011 20:00	3300			
2/27/2011 21:00	3000		**echo loss/cleaned chute**	
2/27/2011 22:00	2900			
2/27/2011 23:00	2900			
2/28/2011 0:00	3300			**light rain 37 degrees**
2/28/2011 1:00	3900			
2/28/2011 2:00	4300			
2/28/2011 3:00	5200			
2/28/2011 4:00	63300			
2/28/2011 5:00	117000			
2/28/2011 6:00	140600			
2/28/2011 7:00	189300			
2/28/2011 8:00	190800			
2/28/2011 9:00	191700			
2/28/2011 10:00	190200			
2/28/2011 11:00	191200			
2/28/2011 12:00	192500			
2/28/2011 13:00	165800			
2/28/2011 14:00	173800			
2/28/2011 15:00	190000			
2/28/2011 16:00	190300			
2/28/2011 17:00	189900			
2/28/2011 18:00	191600			
2/28/2011 19:00	153500			
2/28/2011 20:00	74500			
2/28/2011 21:00	58000			
2/28/2011 22:00	44900			
2/28/2011 23:00	33900			
3/1/2011 0:00	24800			
3/1/2011 1:00	17800			
3/1/2011 2:00	14200			
3/1/2011 3:00	11300			
3/1/2011 4:00	9400			
3/1/2011 5:00	7800			
3/1/2011 6:00	6500			
3/1/2011 7:00	5300			
3/1/2011 8:00	4100			
3/1/2011 9:00	2300			
3/1/2011 10:00	1500			
3/1/2011 11:00	2200			
3/1/2011 12:00	4900			
3/1/2011 13:00	7900			
3/1/2011 14:00	8300			
3/1/2011 15:00	9000			
3/1/2011 16:00	7000			
3/1/2011 17:00	6900			
3/1/2011 18:00	7400			
3/1/2011 19:00	6200			
3/1/2011 20:00	4700			
3/1/2011 21:00	3400			
3/1/2011 22:00	3100			
3/1/2011 23:00	2800	1		
3/2/2011 0:00	0			
3/2/2011 1:00	0			
3/2/2011 2:00	0			
3/2/2011 3:00	0			
3/2/2011 4:00	0			
3/2/2011 5:00	0			
3/2/2011 6:00	0			
3/2/2011 7:00	0			
3/2/2011 8:00	0			
3/2/2011 9:00	0			
3/2/2011 10:00	0			

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
3/2/2011 11:00	0			
3/2/2011 12:00	0			
3/2/2011 13:00	0			
3/2/2011 14:00	0			
3/2/2011 15:00	0			
3/2/2011 16:00	0			
3/2/2011 17:00	0			
3/2/2011 18:00	0			
3/2/2011 19:00	0			
3/2/2011 20:00	0			
3/2/2011 21:00	0			
3/2/2011 22:00	0			
3/2/2011 23:00	0			
3/3/2011 0:00	0			
3/3/2011 1:00	0			
3/3/2011 2:00	0			
3/3/2011 3:00	0			
3/3/2011 4:00	0			
3/3/2011 5:00	0			
3/3/2011 6:00	0			
3/3/2011 7:00	0			
3/3/2011 8:00	0			
3/3/2011 9:00	0			
3/3/2011 10:00	0			
3/3/2011 11:00	0			
3/3/2011 12:00	0			
3/3/2011 13:00	0			
3/3/2011 14:00	0			
3/3/2011 15:00	0			
3/3/2011 16:00	0			
3/3/2011 17:00	3800			erroneous readings
3/3/2011 18:00	12700			no precip 27 degrees
3/3/2011 19:00	0			
3/3/2011 20:00	0			
3/3/2011 21:00	0			
3/3/2011 22:00	0			
3/3/2011 23:00	0			
3/4/2011 0:00	0			
3/4/2011 1:00	0			
3/4/2011 2:00	0			
3/4/2011 3:00	0			
3/4/2011 4:00	0			
3/4/2011 5:00	0			
3/4/2011 6:00	0			
3/4/2011 7:00	0			
3/4/2011 8:00	0			
3/4/2011 9:00	0			
3/4/2011 10:00	0			
3/4/2011 11:00	0			
3/4/2011 12:00	0			
3/4/2011 13:00	0			
3/4/2011 14:00	0			
3/4/2011 15:00	0			
3/4/2011 16:00	0			
3/4/2011 17:00	0			
3/4/2011 18:00	0			
3/4/2011 19:00	0			
3/4/2011 20:00	0			
3/4/2011 21:00	0			
3/4/2011 22:00	0			
3/4/2011 23:00	0			
3/5/2011 0:00	0			
3/5/2011 1:00	0			

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
3/5/2011 2:00	0			
3/5/2011 3:00	400			**Rain 46 degrees**
3/5/2011 4:00	3900			
3/5/2011 5:00	5100			
3/5/2011 6:00	6400			
3/5/2011 7:00	13900			
3/5/2011 8:00	43300			
3/5/2011 9:00	83200			
3/5/2011 10:00	132500			
3/5/2011 11:00	192200			
3/5/2011 12:00	190100			
3/5/2011 13:00	190800			
3/5/2011 14:00	191300			
3/5/2011 15:00	190800			
3/5/2011 16:00	192100			
3/5/2011 17:00	190200			
3/5/2011 18:00	191300			
3/5/2011 19:00	191000			
3/5/2011 20:00	190600			
3/5/2011 21:00	190300			
3/5/2011 22:00	188800			
3/5/2011 23:00	188500			
3/6/2011 0:00	188500			
3/6/2011 1:00	189700			
3/6/2011 2:00	189300			
3/6/2011 3:00	188300			
3/6/2011 4:00	189800			
3/6/2011 5:00	193400			
3/6/2011 6:00	198700			
3/6/2011 7:00	200300			
3/6/2011 8:00	206700			
3/6/2011 9:00	212900			
3/6/2011 10:00	212400			
3/6/2011 11:00	213400			
3/6/2011 12:00	213200			
3/6/2011 13:00	211800			
3/6/2011 14:00	212800			
3/6/2011 15:00	210800			
3/6/2011 16:00	210100			
3/6/2011 17:00	206400			
3/6/2011 18:00	195400			
3/6/2011 19:00	24100			
3/6/2011 20:00	19600			
3/6/2011 21:00	16500			
3/6/2011 22:00	14000			
3/6/2011 23:00	11900			
3/7/2011 0:00	10200			
3/7/2011 1:00	8900			
3/7/2011 2:00	7700			
3/7/2011 3:00	6500			
3/7/2011 4:00	5500			
3/7/2011 5:00	4700			
3/7/2011 6:00	3900			
3/7/2011 7:00	3500			
3/7/2011 8:00	2700			
3/7/2011 9:00	1300			
3/7/2011 10:00	0			
3/7/2011 11:00	600			
3/7/2011 12:00	3400			
3/7/2011 13:00	4700			
3/7/2011 14:00	6000			
3/7/2011 15:00	7700			
3/7/2011 16:00	8500			

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
3/7/2011 17:00	8500			
3/7/2011 18:00	9400			
3/7/2011 19:00	7200			
3/7/2011 20:00	5100			
3/7/2011 21:00	3200			
3/7/2011 22:00	1800	1		
3/7/2011 23:00	0			
3/8/2011 0:00	0			
3/8/2011 1:00	0			
3/8/2011 2:00	0			
3/8/2011 3:00	0			
3/8/2011 4:00	0			
3/8/2011 5:00	0			
3/8/2011 6:00	0			
3/8/2011 7:00	0			
3/8/2011 8:00	0			
3/8/2011 9:00	0			
3/8/2011 10:00	0			
3/8/2011 11:00	0			
3/8/2011 12:00	0			
3/8/2011 13:00	0			
3/8/2011 14:00	300			
3/8/2011 15:00	1900			**no precip 39 degrees**
3/8/2011 16:00	3800			
3/8/2011 17:00	5300			
3/8/2011 18:00	6100			
3/8/2011 19:00	4700			
3/8/2011 20:00	3700			
3/8/2011 21:00	2600	1		
3/8/2011 22:00	0			
3/8/2011 23:00	0			
3/9/2011 0:00	0			
3/9/2011 1:00	0			
3/9/2011 2:00	0			
3/9/2011 3:00	0			
3/9/2011 4:00	0			
3/9/2011 5:00	0			
3/9/2011 6:00	0			
3/9/2011 7:00	0			
3/9/2011 8:00	0			
3/9/2011 9:00	0			
3/9/2011 10:00	0			
3/9/2011 11:00	0			
3/9/2011 12:00	0			
3/9/2011 13:00	0			
3/9/2011 14:00	0			
3/9/2011 15:00	3300			**light rain 42 degrees**
3/9/2011 16:00	7100			
3/9/2011 17:00	21700			
3/9/2011 18:00	64300			
3/9/2011 19:00	139200			
3/9/2011 20:00	181600			
3/9/2011 21:00	189600			
3/9/2011 22:00	141000			
3/9/2011 23:00	126100			
3/10/2011 0:00	144500			
3/10/2011 1:00	129500			
3/10/2011 2:00	110500			
3/10/2011 3:00	83100			
3/10/2011 4:00	63400			
3/10/2011 5:00	51800			
3/10/2011 6:00	41700			
3/10/2011 7:00	36000			

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
3/10/2011 8:00	39400			
3/10/2011 9:00	82200			
3/10/2011 10:00	127300			
3/10/2011 11:00	89500			
3/10/2011 12:00	62300			
3/10/2011 13:00	49300			
3/10/2011 14:00	38400			
3/10/2011 15:00	30200			
3/10/2011 16:00	26700			
3/10/2011 17:00	25500			
3/10/2011 18:00	24500			
3/10/2011 19:00	164500			
3/10/2011 20:00	190000			
3/10/2011 21:00	189400			
3/10/2011 22:00	190900			
3/10/2011 23:00	188800			
3/11/2011 0:00	188400			
3/11/2011 1:00	189800			
3/11/2011 2:00	190800			
3/11/2011 3:00	192000			
3/11/2011 4:00	193500			
3/11/2011 5:00	196600			
3/11/2011 6:00	198900			
3/11/2011 7:00	197700			
3/11/2011 8:00	197200			
3/11/2011 9:00	187300			
3/11/2011 10:00	18900			
3/11/2011 11:00	17100			
3/11/2011 12:00	15100			
3/11/2011 13:00	11900			
3/11/2011 14:00	9600			
3/11/2011 15:00	8500			
3/11/2011 16:00	9700			
3/11/2011 17:00	10700			
3/11/2011 18:00	13200			
3/11/2011 19:00	10100			
3/11/2011 20:00	7200			
3/11/2011 21:00	8200			
3/11/2011 22:00	8300			
3/11/2011 23:00	7800			
3/12/2011 0:00	7700			
3/12/2011 1:00	7100			
3/12/2011 2:00	6800			
3/12/2011 3:00	6300			
3/12/2011 4:00	5900			
3/12/2011 5:00	5300			
3/12/2011 6:00	4900			
3/12/2011 7:00	4400			
3/12/2011 8:00	3900			
3/12/2011 9:00	3700			
3/12/2011 10:00	6200			
3/12/2011 11:00	10000			
3/12/2011 12:00	14300			
3/12/2011 13:00	12800			
3/12/2011 14:00	9500			
3/12/2011 15:00	7700			
3/12/2011 16:00	6600			
3/12/2011 17:00	5800			
3/12/2011 18:00	5200			
3/12/2011 19:00	7400			
3/12/2011 20:00	15000			
3/12/2011 21:00	17200			
3/12/2011 22:00	12300			

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
3/12/2011 23:00	9500			
3/13/2011 0:00	8000			
3/13/2011 1:00	9300			
3/13/2011 1:00	6700			
3/13/2011 3:00	2100			
3/13/2011 4:00	7900			
3/13/2011 5:00	6800			
3/13/2011 6:00	5900			
3/13/2011 7:00	5100			
3/13/2011 8:00	4200			
3/13/2011 9:00	3600			
3/13/2011 10:00	3000			
3/13/2011 11:00	2700			
3/13/2011 12:00	2500			
3/13/2011 13:00	600	1		
3/13/2011 14:00	0			
3/13/2011 15:00	0			
3/13/2011 16:00	0			
3/13/2011 17:00	0			
3/13/2011 18:00	0			
3/13/2011 19:00	0			
3/13/2011 20:00	0			
3/13/2011 21:00	0			
3/13/2011 22:00	0			
3/13/2011 23:00	0			
3/14/2011 0:00	0			
3/14/2011 1:00	0			
3/14/2011 2:00	0			
3/14/2011 3:00	0			
3/14/2011 4:00	0			
3/14/2011 5:00	0			
3/14/2011 6:00	0			
3/14/2011 7:00	0			
3/14/2011 8:00	0			
3/14/2011 9:00	0			
3/14/2011 10:00	0			
3/14/2011 11:00	0			
3/14/2011 12:00	0			
3/14/2011 13:00	0			
3/14/2011 14:00	0			
3/14/2011 15:00	0			
3/14/2011 16:00	0			
3/14/2011 17:00	0			
3/14/2011 18:00	0			
3/14/2011 19:00	0			
3/14/2011 20:00	0			
3/14/2011 21:00	0			
3/14/2011 22:00	0			
3/14/2011 23:00	0			
3/15/2011 0:00	0			
3/15/2011 1:00	0			
3/15/2011 2:00	0			
3/15/2011 3:00	0			
3/15/2011 4:00	0			
3/15/2011 5:00	0			
3/15/2011 6:00	0			
3/15/2011 7:00	0			
3/15/2011 8:00	0			
3/15/2011 9:00	0			
3/15/2011 10:00	0			
3/15/2011 11:00	0			
3/15/2011 12:00	0			
3/15/2011 13:00	0			

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
3/15/2011 14:00	0			
3/15/2011 15:00	0			
3/15/2011 16:00	0			
3/15/2011 17:00	0			
3/15/2011 18:00	0			
3/15/2011 19:00	0			
3/15/2011 20:00	0			
3/15/2011 21:00	0			
3/15/2011 22:00	0			
3/15/2011 23:00	0			
3/16/2011 0:00	0			
3/16/2011 1:00	0			
3/16/2011 2:00	0			
3/16/2011 3:00	0			
3/16/2011 4:00	0			
3/16/2011 5:00	1200			**light rain 41 degrees**
3/16/2011 6:00	6600			
3/16/2011 7:00	10600			
3/16/2011 8:00	10500			
3/16/2011 9:00	8300			
3/16/2011 10:00	9100			
3/16/2011 11:00	7800			
3/16/2011 12:00	6100			
3/16/2011 13:00	5500			
3/16/2011 14:00	4700			
3/16/2011 15:00	4000			
3/16/2011 16:00	3500			
3/16/2011 17:00	2800			
3/16/2011 18:00	2400			
3/16/2011 19:00	600	1		
3/16/2011 20:00	0			
3/16/2011 21:00	0			
3/16/2011 22:00	0			
3/16/2011 23:00	0			
3/17/2011 0:00	0			
3/17/2011 1:00	0			
3/17/2011 2:00	0			
3/17/2011 3:00	0			
3/17/2011 4:00	0			
3/17/2011 5:00	0			
3/17/2011 6:00	0			
3/17/2011 7:00	0			
3/17/2011 8:00	0			
3/17/2011 9:00	0			
3/17/2011 10:00	0			
3/17/2011 11:00	0			
3/17/2011 12:00	0			
3/17/2011 13:00	0			
3/17/2011 14:00	0			
3/17/2011 15:00	0			
3/17/2011 16:00	1400			no precip
3/17/2011 17:00	1700			
3/17/2011 18:00	700			
3/17/2011 19:00	0			
3/17/2011 20:00	0			
3/17/2011 21:00	0			
3/17/2011 22:00	0			
3/17/2011 23:00	0			
3/18/2011 0:00	0			
3/18/2011 1:00	0			
3/18/2011 2:00	0			
3/18/2011 3:00	0			
3/18/2011 4:00	0			

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
3/18/2011 5:00	0			
3/18/2011 6:00	0			
3/18/2011 7:00	0			
3/18/2011 8:00	0			
3/18/2011 9:00	0			
3/18/2011 10:00	0			
3/18/2011 11:00	0			
3/18/2011 12:00	0			
3/18/2011 13:00	0			
3/18/2011 14:00	0			
3/18/2011 15:00	0			
3/18/2011 16:00	0			
3/18/2011 17:00	0			
3/18/2011 18:00	0			
3/18/2011 19:00	0			
3/18/2011 20:00	0			
3/18/2011 21:00	0			
3/18/2011 22:00	0			
3/18/2011 23:00	0			
3/19/2011 0:00	0			
3/19/2011 1:00	0			
3/19/2011 2:00	0			
3/19/2011 3:00	0			
3/19/2011 4:00	0			
3/19/2011 5:00	0			
3/19/2011 6:00	0			
3/19/2011 7:00	0			
3/19/2011 8:00	0			
3/19/2011 9:00	0			
3/19/2011 10:00	0			
3/19/2011 11:00	0			
3/19/2011 12:00	0			
3/19/2011 13:00	0			
3/19/2011 14:00	0			
3/19/2011 15:00	0			
3/19/2011 16:00	0			
3/19/2011 17:00	0			
3/19/2011 18:00	0			
3/19/2011 19:00	0			
3/19/2011 20:00	0			
3/19/2011 21:00	0			
3/19/2011 22:00	0			
3/19/2011 23:00	0			
3/20/2011 0:00	0			
3/20/2011 1:00	0			
3/20/2011 2:00	0			
3/20/2011 3:00	0			
3/20/2011 4:00	0			
3/20/2011 5:00	0			
3/20/2011 6:00	0			
3/20/2011 7:00	0			
3/20/2011 8:00	0			
3/20/2011 9:00	0			
3/20/2011 10:00	0			
3/20/2011 11:00	0			
3/20/2011 12:00	0			
3/20/2011 13:00	0			
3/20/2011 14:00	0			
3/20/2011 15:00	0			
3/20/2011 16:00	0			
3/20/2011 17:00	0			
3/20/2011 18:00	0			
3/20/2011 19:00	0			

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
3/20/2011 20:00	0			
3/20/2011 21:00	0			
3/20/2011 22:00	0			
3/20/2011 23:00	0			
3/21/2011 0:00	0			rain
3/21/2011 1:00	0			
3/21/2011 2:00	0			
3/21/2011 3:00	0			
3/21/2011 4:00	6000			
3/21/2011 5:00	65400			
3/21/2011 6:00	121400			
3/21/2011 7:00	62100			
3/21/2011 8:00	107600			
3/21/2011 9:00	35600			
3/21/2011 10:00	22100			
3/21/2011 11:00	16900			
3/21/2011 12:00	12300			
3/21/2011 13:00	8900			
3/21/2011 14:00	7100			
3/21/2011 15:00	5700			
3/21/2011 16:00	4700			
3/21/2011 17:00	3800			
3/21/2011 18:00	2600			
3/21/2011 19:00	1200	1		
3/21/2011 20:00	0			
3/21/2011 21:00	0			
3/21/2011 22:00	0			
3/21/2011 23:00	0			
3/22/2011 0:00	0			
3/22/2011 1:00	0			
3/22/2011 2:00	0			
3/22/2011 3:00	0			
3/22/2011 4:00	0			
3/22/2011 5:00	0			
3/22/2011 6:00	0			
3/22/2011 7:00	0			
3/22/2011 8:00	0			
3/22/2011 9:00	0			
3/22/2011 10:00	0			
3/22/2011 11:00	0			
3/22/2011 12:00	0			
3/22/2011 13:00	0			
3/22/2011 14:00	0			
3/22/2011 15:00	0			
3/22/2011 16:00	0			
3/22/2011 17:00	0			
3/22/2011 18:00	0			
3/22/2011 19:00	0			
3/22/2011 20:00	0			
3/22/2011 21:00	0			
3/22/2011 22:00	0			
3/22/2011 23:00	0			
3/23/2011 0:00	0			
3/23/2011 1:00	0			
3/23/2011 2:00	0			
3/23/2011 3:00	0			
3/23/2011 4:00	0			
3/23/2011 5:00	0			
3/23/2011 6:00	0			
3/23/2011 7:00	0			
3/23/2011 8:00	0			
3/23/2011 9:00	0			
3/23/2011 10:00	0			

Outfall D002 Storm Water Flow Data
GMCH Lockport Facility

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
3/23/2011 11:00	0			
3/23/2011 12:00	0			
3/23/2011 13:00	0			
3/23/2011 14:00	0			
3/23/2011 15:00	1300			light snow 36 degrees
3/23/2011 16:00	5400			
3/23/2011 17:00	9400			
3/23/2011 18:00	19900			
3/23/2011 19:00	23400			
3/23/2011 20:00	24200			
3/23/2011 21:00	25600			
3/23/2011 22:00	23700			
3/23/2011 23:00	24000			
3/24/2011 0:00	22900			
3/24/2011 1:00	23000			
3/24/2011 2:00	21500		**echo/loss/clean chute**	
3/24/2011 3:00	3200			
3/24/2011 4:00	0			
3/24/2011 5:00	0			
3/24/2011 6:00	0			
3/24/2011 7:00	0			
3/24/2011 8:00	0			
3/24/2011 9:00	0			
3/24/2011 10:00	0			
3/24/2011 11:00	0			
3/24/2011 12:00	1100			no precip 28 degrees
3/24/2011 13:00	1000			
3/24/2011 14:00	1100			
3/24/2011 15:00	1200			
3/24/2011 16:00	2500			
3/24/2011 17:00	2400			
3/24/2011 18:00	2700			
3/24/2011 19:00	4300			
3/24/2011 20:00	4200			
3/24/2011 21:00	3400			
3/24/2011 22:00	1300	1		
3/24/2011 23:00	0			
3/25/2011 0:00	0			
3/25/2011 1:00	0			
3/25/2011 2:00	0			
3/25/2011 3:00	0			
3/25/2011 4:00	0			
3/25/2011 5:00	0			
3/25/2011 6:00	0			
3/25/2011 7:00	0			
3/25/2011 8:00	0			
3/25/2011 9:00	0			
3/25/2011 10:00	0			
3/25/2011 11:00	0			
3/25/2011 12:00	0			
3/25/2011 13:00	0			
3/25/2011 14:00	0			
3/25/2011 15:00	0			
3/25/2011 16:00	0			
3/25/2011 17:00	0			
3/25/2011 18:00	0			
3/25/2011 19:00	0			
3/25/2011 20:00	0			
3/25/2011 21:00	0			
3/25/2011 22:00	0			
3/25/2011 23:00	0			
3/26/2011 0:00	0			
3/26/2011 1:00	0			

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
3/26/2011 2:00	0			
3/26/2011 3:00	0			
3/26/2011 4:00	0			
3/26/2011 5:00	0			
3/26/2011 6:00	0			
3/26/2011 7:00	0			
3/26/2011 8:00	0			
3/26/2011 9:00	0			
3/26/2011 10:00	0			
3/26/2011 11:00	0			
3/26/2011 12:00	0			
3/26/2011 13:00	0			
3/26/2011 14:00	0			
3/26/2011 15:00	0			
3/26/2011 16:00	0			
3/26/2011 17:00	0			
3/26/2011 18:00	0			
3/26/2011 19:00	0			
3/26/2011 20:00	0			
3/26/2011 21:00	0			
3/26/2011 22:00	0			
3/26/2011 23:00	0			
3/27/2011 0:00	0			
3/27/2011 1:00	0			
3/27/2011 2:00	0			
3/27/2011 3:00	0			
3/27/2011 4:00	0			
3/27/2011 5:00	0			
3/27/2011 6:00	0			
3/27/2011 7:00	0			
3/27/2011 8:00	0			
3/27/2011 9:00	0			
3/27/2011 10:00	0			
3/27/2011 11:00	0			
3/27/2011 12:00	0			
3/27/2011 13:00	0			
3/27/2011 14:00	0			
3/27/2011 15:00	0			
3/27/2011 16:00	0			
3/27/2011 17:00	0			
3/27/2011 18:00	0			
3/27/2011 19:00	0			
3/27/2011 20:00	0			
3/27/2011 21:00	0			
3/27/2011 22:00	0			
3/27/2011 23:00	0			
3/28/2011 0:00	0			
3/28/2011 1:00	0			
3/28/2011 2:00	0			
3/28/2011 3:00	0			
3/28/2011 4:00	0			
3/28/2011 5:00	0			
3/28/2011 6:00	0			
3/28/2011 7:00	0			
3/28/2011 8:00	0			
3/28/2011 9:00	0			
3/28/2011 10:00	0			
3/28/2011 11:00	0			
3/28/2011 12:00	0			
3/28/2011 13:00	0			
3/28/2011 14:00	0			
3/28/2011 15:00	0			
3/28/2011 16:00	0			

Outfall D002 Storm Water Flow Data
GMCH Lockport Facility

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
3/28/2011 17:00	0			
3/28/2011 18:00	0			
3/28/2011 19:00	0			
3/28/2011 20:00	0			
3/28/2011 21:00	0			
3/28/2011 22:00	0			
3/28/2011 23:00	0			
3/29/2011 0:00	0			
3/29/2011 1:00	0			
3/29/2011 2:00	0			
3/29/2011 3:00	0			
3/29/2011 4:00	0			
3/29/2011 5:00	0			
3/29/2011 6:00	0			
3/29/2011 7:00	0			
3/29/2011 8:00	0			
3/29/2011 9:00	0			
3/29/2011 10:00	0			
3/29/2011 11:00	0			
3/29/2011 12:00	0			
3/29/2011 13:00	0			
3/29/2011 14:00	0			
3/29/2011 15:00	0			
3/29/2011 16:00	0			
3/29/2011 17:00	200			no precip 41 degrees
3/29/2011 18:00	1600			
3/29/2011 19:00	4000			
3/29/2011 20:00	4000			
3/29/2011 21:00	3000	1		
3/29/2011 22:00	0			
3/29/2011 23:00	0			
3/30/2011 0:00	0			
3/30/2011 1:00	0			
3/30/2011 2:00	0			
3/30/2011 3:00	0			
3/30/2011 4:00	0			
3/30/2011 5:00	0			
3/30/2011 6:00	0			
3/30/2011 7:00	0			
3/30/2011 8:00	0			
3/30/2011 9:00	0			
3/30/2011 10:00	0			
3/30/2011 11:00	0			
3/30/2011 12:00	0			
3/30/2011 13:00	0			
3/30/2011 14:00	1800			light rain
3/30/2011 15:00	7100			
3/30/2011 16:00	8000			
3/30/2011 17:00	5400			
3/30/2011 18:00	3600			
3/30/2011 19:00	1700			
3/30/2011 20:00	0			
3/30/2011 21:00	0			
3/30/2011 22:00	0			
3/30/2011 23:00	0			
3/31/2011 0:00	0			
3/31/2011 1:00	0			
3/31/2011 2:00	0			
3/31/2011 3:00	0			
3/31/2011 4:00	0			
3/31/2011 5:00	0			
3/31/2011 6:00	0			
3/31/2011 7:00	3200			

Outfall D002 Storm Water Flow Data
GMCH Lockport Facility

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
3/31/2011 8:00	3500			
3/31/2011 9:00	3900			
3/31/2011 10:00	4500			
3/31/2011 11:00	5600			
3/31/2011 12:00	4700			
3/31/2011 13:00	2800			
3/31/2011 14:00	1600			
3/31/2011 15:00	1500	1		
3/31/2011 16:00	0			
3/31/2011 17:00	0			
3/31/2011 18:00	0			
3/31/2011 19:00	0			
3/31/2011 20:00	0			
3/31/2011 21:00	0			
3/31/2011 22:00	0			
3/31/2011 23:00	0			
4/1/2011 0:00	0			
4/1/2011 1:00	0			
4/1/2011 2:00	0			
4/1/2011 3:00	0			
4/1/2011 4:00	0			
4/1/2011 5:00	0			
4/1/2011 6:00	0			
4/1/2011 7:00	0			
4/1/2011 8:00	0			
4/1/2011 9:00	0			
4/1/2011 10:00	0			
4/1/2011 11:00	0			
4/1/2011 12:00	0			
4/1/2011 13:00	0			
4/1/2011 14:00	0			
4/1/2011 15:00	0			
4/1/2011 16:00	0			
4/1/2011 17:00	0			
4/1/2011 18:00	0			
4/1/2011 19:00	0			
4/1/2011 20:00	0			
4/1/2011 21:00	0			
4/1/2011 22:00	0			
4/1/2011 23:00	0			
4/2/2011 0:00	0			
4/2/2011 1:00	0			
4/2/2011 2:00	0			
4/2/2011 3:00	0			
4/2/2011 4:00	0			
4/2/2011 5:00	0			
4/2/2011 6:00	0			
4/2/2011 7:00	0			
4/2/2011 8:00	0			
4/2/2011 9:00	0			
4/2/2011 10:00	0			
4/2/2011 11:00	0			
4/2/2011 12:00	0			
4/2/2011 13:00	0			
4/2/2011 14:00	0			
4/2/2011 15:00	0			
4/2/2011 16:00	0			
4/2/2011 17:00	0			
4/2/2011 18:00	0			
4/2/2011 19:00	0			
4/2/2011 20:00	0			
4/2/2011 21:00	0			
4/2/2011 22:00	0			

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
4/2/2011 23:00	0			
4/3/2011 0:00	0			
4/3/2011 1:00	0			
4/3/2011 2:00	0			
4/3/2011 3:00	0			
4/3/2011 4:00	0			
4/3/2011 5:00	0			
4/3/2011 6:00	0			
4/3/2011 7:00	0			
4/3/2011 8:00	0			
4/3/2011 9:00	0			
4/3/2011 10:00	0			
4/3/2011 11:00	0			
4/3/2011 12:00	0			
4/3/2011 13:00	0			
4/3/2011 14:00	0			
4/3/2011 15:00	0			
4/3/2011 16:00	0			
4/3/2011 17:00	0			
4/3/2011 18:00	0			
4/3/2011 19:00	0			
4/3/2011 20:00	0			
4/3/2011 21:00	0			
4/3/2011 22:00	22900			
4/3/2011 23:00	35000			rain
4/4/2011 0:00	15800			
4/4/2011 1:00	7600			
4/4/2011 2:00	4700			
4/4/2011 3:00	2200			
4/4/2011 4:00	0			
4/4/2011 5:00	0			
4/4/2011 6:00	61600			
4/4/2011 7:00	87600			
4/4/2011 8:00	20900			
4/4/2011 9:00	13300			
4/4/2011 10:00	19900			
4/4/2011 11:00	183000			
4/4/2011 12:00	184800			
4/4/2011 13:00	49700			
4/4/2011 14:00	31900			
4/4/2011 15:00	18400			
4/4/2011 16:00	13700			
4/4/2011 17:00	10000			
4/4/2011 18:00	7900			
4/4/2011 19:00	6400			
4/4/2011 20:00	6100			
4/4/2011 21:00	16500			
4/4/2011 22:00	21100			
4/4/2011 23:00	126300			
4/5/2011 0:00	92000			
4/5/2011 1:00	92400			
4/5/2011 2:00	91500			
4/5/2011 3:00	57100			
4/5/2011 4:00	36800			
4/5/2011 5:00	26200			
4/5/2011 6:00	19600			
4/5/2011 7:00	14700			
4/5/2011 8:00	10700			
4/5/2011 9:00	8300			
4/5/2011 10:00	6300			
4/5/2011 11:00	4500			
4/5/2011 12:00	3500			
4/5/2011 13:00	2600			

Outfall D002 Storm Water Flow Data
GMCH Lockport Facility

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
4/5/2011 14:00	2200			
4/5/2011 15:00	500	1		
4/5/2011 16:00	0			
4/5/2011 17:00	0			
4/5/2011 18:00	0			
4/5/2011 19:00	0			
4/5/2011 20:00	0			
4/5/2011 21:00	0			
4/5/2011 22:00	0			
4/5/2011 23:00	0			
4/6/2011 0:00	0			
4/6/2011 1:00	0			
4/6/2011 2:00	0			
4/6/2011 3:00	0			
4/6/2011 4:00	0			
4/6/2011 5:00	0			
4/6/2011 6:00	0			
4/6/2011 7:00	0			
4/6/2011 8:00	0			
4/6/2011 9:00	0			
4/6/2011 10:00	0			
4/6/2011 11:00	0			
4/6/2011 12:00	0			
4/6/2011 13:00	0			
4/6/2011 14:00	0			
4/6/2011 15:00	0			
4/6/2011 16:00	0			
4/6/2011 17:00	0			
4/6/2011 18:00	0			
4/6/2011 19:00	0			
4/6/2011 20:00	0			
4/6/2011 21:00	0			
4/6/2011 22:00	0			
4/6/2011 23:00	0			
4/7/2011 0:00	0			
4/7/2011 1:00	0			
4/7/2011 2:00	0			
4/7/2011 3:00	0			
4/7/2011 4:00	0			
4/7/2011 5:00	0			
4/7/2011 6:00	0			
4/7/2011 7:00	0			
4/7/2011 8:00	0			
4/7/2011 9:00	0			
4/7/2011 10:00	0			
4/7/2011 11:00	0			
4/7/2011 12:00	0			
4/7/2011 13:00	0			
4/7/2011 14:00	0			
4/7/2011 15:00	0			
4/7/2011 16:00	0			
4/7/2011 17:00	1700			erroneous data
4/7/2011 18:00	5000			light freezing fog
4/7/2011 19:00	0			
4/7/2011 20:00	0			
4/7/2011 21:00	0			
4/7/2011 22:00	0			
4/7/2011 23:00	0			
4/8/2011 0:00	0			
4/8/2011 1:00	0			
4/8/2011 2:00	0			
4/8/2011 3:00	0			
4/8/2011 4:00	0			

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
4/8/2011 5:00	0			
4/8/2011 6:00	0			
4/8/2011 7:00	0			
4/8/2011 8:00	0			
4/8/2011 9:00	0			
4/8/2011 10:00	0			
4/8/2011 11:00	0			
4/8/2011 12:00	0			
4/8/2011 13:00	0			
4/8/2011 14:00	0			
4/8/2011 15:00	0			
4/8/2011 16:00	0			
4/8/2011 17:00	0			
4/8/2011 18:00	0			
4/8/2011 19:00	0			
4/8/2011 20:00	0			
4/8/2011 21:00	0			
4/8/2011 22:00	0			
4/8/2011 23:00	0			
4/9/2011 0:00	0			
4/9/2011 1:00	0			
4/9/2011 2:00	0			
4/9/2011 3:00	0			
4/9/2011 4:00	0			
4/9/2011 5:00	0			
4/9/2011 6:00	0			
4/9/2011 7:00	0			
4/9/2011 8:00	0			
4/9/2011 9:00	0			
4/9/2011 10:00	0			
4/9/2011 11:00	0			
4/9/2011 12:00	0			
4/9/2011 13:00	0			
4/9/2011 14:00	0			
4/9/2011 15:00	0			
4/9/2011 16:00	0			
4/9/2011 17:00	0			
4/9/2011 18:00	0			
4/9/2011 19:00	0			
4/9/2011 20:00	0			
4/9/2011 21:00	0			
4/9/2011 22:00	0			
4/9/2011 23:00	0			
4/10/2011 0:00	0			
4/10/2011 1:00	0			
4/10/2011 2:00	0			
4/10/2011 3:00	0			
4/10/2011 4:00	0			
4/10/2011 5:00	0			
4/10/2011 6:00	0			
4/10/2011 7:00	0			
4/10/2011 8:00	0			
4/10/2011 9:00	0			
4/10/2011 10:00	0			
4/10/2011 11:00	0			
4/10/2011 12:00	0			
4/10/2011 13:00	0			
4/10/2011 14:00	0			
4/10/2011 15:00	0			
4/10/2011 16:00	0			
4/10/2011 17:00	0			
4/10/2011 18:00	0			
4/10/2011 19:00	0			

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
4/10/2011 20:00	0			
4/10/2011 21:00	0			
4/10/2011 22:00	0			
4/10/2011 23:00	0			
4/11/2011 0:00	0			
4/11/2011 1:00	0			
4/11/2011 2:00	0			
4/11/2011 3:00	0			
4/11/2011 4:00	0			
4/11/2011 5:00	0			
4/11/2011 6:00	0			
4/11/2011 7:00	0			
4/11/2011 8:00	0			
4/11/2011 9:00	0			
4/11/2011 10:00	0			
4/11/2011 11:00	0			
4/11/2011 12:00	0			
4/11/2011 13:00	0			
4/11/2011 14:00	0			
4/11/2011 15:00	0			
4/11/2011 16:00	0			
4/11/2011 17:00	0			
4/11/2011 18:00	0			
4/11/2011 19:00	0			
4/11/2011 20:00	0			
4/11/2011 21:00	0			
4/11/2011 22:00	0			
4/11/2011 23:00	0			
4/12/2011 0:00	0			
4/12/2011 1:00	0			
4/12/2011 2:00	0			
4/12/2011 3:00	0			
4/12/2011 4:00	0			
4/12/2011 5:00	0			
4/12/2011 6:00	0			
4/12/2011 7:00	0			
4/12/2011 8:00	0			
4/12/2011 9:00	0			
4/12/2011 10:00	0			
4/12/2011 11:00	0			
4/12/2011 12:00	0			
4/12/2011 13:00	0			
4/12/2011 14:00	0			
4/12/2011 15:00	0			
4/12/2011 16:00	0			
4/12/2011 17:00	0			
4/12/2011 18:00	0			
4/12/2011 19:00	0			
4/12/2011 20:00	0			
4/12/2011 21:00	0			
4/12/2011 22:00	0			
4/12/2011 23:00	0			
4/13/2011 0:00	0			
4/13/2011 1:00	0			
4/13/2011 2:00	0			
4/13/2011 3:00	0			
4/13/2011 4:00	0			
4/13/2011 5:00	39200			light rain
4/13/2011 6:00	182200			
4/13/2011 7:00	110000			
4/13/2011 8:00	82400			
4/13/2011 9:00	69600			
4/13/2011 10:00	40100			

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
4/13/2011 11:00	22600			
4/13/2011 12:00	15100			
4/13/2011 13:00	10300			
4/13/2011 14:00	7400			
4/13/2011 15:00	5100			
4/13/2011 16:00	3600			
4/13/2011 17:00	2800	1		
4/13/2011 18:00	0			
4/13/2011 19:00	0			
4/13/2011 20:00	0			
4/13/2011 21:00	0			
4/13/2011 22:00	0			
4/13/2011 23:00	0			
4/14/2011 0:00	0			
4/14/2011 1:00	0			
4/14/2011 2:00	0			
4/14/2011 3:00	0			
4/14/2011 4:00	0			
4/14/2011 5:00	0			
4/14/2011 6:00	0			
4/14/2011 7:00	0			
4/14/2011 8:00	0			
4/14/2011 9:00	0			
4/14/2011 10:00	0			
4/14/2011 11:00	0			
4/14/2011 12:00	0			
4/14/2011 13:00	0			
4/14/2011 14:00	0			
4/14/2011 15:00	0			
4/14/2011 16:00	0			
4/14/2011 17:00	0			
4/14/2011 18:00	0			
4/14/2011 19:00	0			
4/14/2011 20:00	0			
4/14/2011 21:00	0			
4/14/2011 22:00	0			
4/14/2011 23:00	0			
4/15/2011 0:00	0			
4/15/2011 1:00	0			
4/15/2011 2:00	0			
4/15/2011 3:00	0			
4/15/2011 4:00	0			
4/15/2011 5:00	0			
4/15/2011 6:00	0			
4/15/2011 7:00	0			
4/15/2011 8:00	0			
4/15/2011 9:00	0			
4/15/2011 10:00	0			
4/15/2011 11:00	0			
4/15/2011 12:00	0			
4/15/2011 13:00	0			
4/15/2011 14:00	0			
4/15/2011 15:00	0			
4/15/2011 16:00	0			
4/15/2011 17:00	0			
4/15/2011 18:00	0			
4/15/2011 19:00	0			
4/15/2011 20:00	0			
4/15/2011 21:00	0			
4/15/2011 22:00	0			
4/15/2011 23:00	0			
4/16/2011 0:00	0			
4/16/2011 1:00	0			

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Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
4/16/2011 2:00	0			
4/16/2011 3:00	0			
4/16/2011 4:00	0			
4/16/2011 5:00	0			
4/16/2011 6:00	0			
4/16/2011 7:00	25300			rain
4/16/2011 8:00	87800			
4/16/2011 9:00	126100			
4/16/2011 10:00	191000			
4/16/2011 11:00	192600			
4/16/2011 12:00	191600			
4/16/2011 13:00	195200			
4/16/2011 14:00	184200			
4/16/2011 15:00	190100			
4/16/2011 16:00	191600			
4/16/2011 17:00	193400			
4/16/2011 18:00	196600			
4/16/2011 19:00	202200			
4/16/2011 20:00	101900			
4/16/2011 21:00	29100			
4/16/2011 22:00	21000			
4/16/2011 23:00	15000			
4/17/2011 0:00	11300			
4/17/2011 1:00	9000			
4/17/2011 2:00	7500			
4/17/2011 3:00	6000			
4/17/2011 4:00	5400			
4/17/2011 5:00	5600			
4/17/2011 6:00	5200			
4/17/2011 7:00	4000			
4/17/2011 8:00	3100			
4/17/2011 9:00	1400	1		
4/17/2011 10:00	0			
4/17/2011 11:00	0			
4/17/2011 12:00	0			
4/17/2011 13:00	0			
4/17/2011 14:00	0			
4/17/2011 15:00	0			
4/17/2011 16:00	0			
4/17/2011 17:00	0			
4/17/2011 18:00	0			
4/17/2011 19:00	0			
4/17/2011 20:00	0			
4/17/2011 21:00	0			
4/17/2011 22:00	0			
4/17/2011 23:00	0			
4/18/2011 0:00	0			
4/18/2011 1:00	0			
4/18/2011 2:00	0			
4/18/2011 3:00	0			
4/18/2011 4:00	0			
4/18/2011 5:00	0			
4/18/2011 6:00	0			
4/18/2011 7:00	0			
4/18/2011 8:00	0			
4/18/2011 9:00	0			
4/18/2011 10:00	0			
4/18/2011 11:00	0			
4/18/2011 12:00	0			
4/18/2011 13:00	0			
4/18/2011 14:00	0			
4/18/2011 15:00	4700			light snow 35 degrees
4/18/2011 16:00	14600			

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
4/18/2011 17:00	8100			
4/18/2011 18:00	3600			
4/18/2011 19:00	1000			
4/18/2011 20:00	0			
4/18/2011 21:00	0			
4/18/2011 22:00	0			
4/18/2011 23:00	0			
4/19/2011 0:00	0			
4/19/2011 1:00	0			
4/19/2011 2:00	0			
4/19/2011 3:00	0			
4/19/2011 4:00	0			
4/19/2011 5:00	0			
4/19/2011 6:00	0			
4/19/2011 7:00	0			
4/19/2011 8:00	0			
4/19/2011 9:00	0			
4/19/2011 10:00	0			
4/19/2011 11:00	0			
4/19/2011 12:00	0			
4/19/2011 13:00	0			
4/19/2011 14:00	0			
4/19/2011 15:00	0			
4/19/2011 16:00	0			
4/19/2011 17:00	0			
4/19/2011 18:00	0			
4/19/2011 19:00	0			
4/19/2011 20:00	0			
4/19/2011 21:00	0			
4/19/2011 22:00	4300			light rain
4/19/2011 23:00	63700			
4/20/2011 0:00	18500			
4/20/2011 1:00	11900			
4/20/2011 2:00	21700			
4/20/2011 3:00	164600			
4/20/2011 4:00	189200			
4/20/2011 5:00	189100			
4/20/2011 6:00	190600			
4/20/2011 7:00	191300			
4/20/2011 8:00	198600			
4/20/2011 9:00	201600			
4/20/2011 10:00	206900			
4/20/2011 11:00	210200			
4/20/2011 12:00	197900			
4/20/2011 13:00	196200			
4/20/2011 14:00	130100			
4/20/2011 15:00	27300			
4/20/2011 16:00	19300			
4/20/2011 17:00	13900			
4/20/2011 18:00	10400			
4/20/2011 19:00	8000			
4/20/2011 20:00	6400			
4/20/2011 21:00	5100			
4/20/2011 22:00	4100			
4/20/2011 23:00	3200			
4/21/2011 0:00	100	1		
4/21/2011 1:00	0			
4/21/2011 2:00	0			
4/21/2011 3:00	0			
4/21/2011 4:00	0			
4/21/2011 5:00	0			
4/21/2011 6:00	0			
4/21/2011 7:00	0			

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Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
4/21/2011 8:00	0			
4/21/2011 9:00	0			
4/21/2011 10:00	0			
4/21/2011 11:00	0			
4/21/2011 12:00	0			
4/21/2011 13:00	0			
4/21/2011 14:00	0			
4/21/2011 15:00	0			
4/21/2011 16:00	0			
4/21/2011 17:00	0			
4/21/2011 18:00	0			
4/21/2011 19:00	0			
4/21/2011 20:00	0			
4/21/2011 21:00	0			
4/21/2011 22:00	0			
4/21/2011 23:00	0			
4/22/2011 0:00	0			
4/22/2011 1:00	0			
4/22/2011 2:00	0			
4/22/2011 3:00	0			
4/22/2011 4:00	0			
4/22/2011 5:00	0			
4/22/2011 6:00	0			
4/22/2011 7:00	0			
4/22/2011 8:00	0			
4/22/2011 9:00	0			
4/22/2011 10:00	0			
4/22/2011 11:00	0			
4/22/2011 12:00	0			
4/22/2011 13:00	0			
4/22/2011 14:00	0			
4/22/2011 15:00	0			
4/22/2011 16:00	0			
4/22/2011 17:00	0			
4/22/2011 18:00	0			
4/22/2011 19:00	0			
4/22/2011 20:00	0			
4/22/2011 21:00	0			
4/22/2011 22:00	0			
4/22/2011 23:00	1900			light rain
4/23/2011 0:00	0			
4/23/2011 1:00	0			
4/23/2011 2:00	0			
4/23/2011 3:00	0			
4/23/2011 4:00	8800			
4/23/2011 5:00	85300			
4/23/2011 6:00	164700			
4/23/2011 7:00	168800			
4/23/2011 8:00	191000			
4/23/2011 9:00	190600			
4/23/2011 10:00	198200			
4/23/2011 11:00	172900			
4/23/2011 12:00	31400			
4/23/2011 13:00	18400			
4/23/2011 14:00	11200			
4/23/2011 15:00	5800			
4/23/2011 16:00	3100			
4/23/2011 17:00	2400			
4/23/2011 18:00	400	1		
4/23/2011 19:00	0			
4/23/2011 20:00	0			
4/23/2011 21:00	0			
4/23/2011 22:00	0			

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
4/23/2011 23:00	0			
4/24/2011 0:00	0			
4/24/2011 1:00	0			
4/24/2011 2:00	0			
4/24/2011 3:00	0			
4/24/2011 4:00	0			
4/24/2011 5:00	0			
4/24/2011 6:00	0			
4/24/2011 7:00	0			
4/24/2011 8:00	0			
4/24/2011 9:00	0			
4/24/2011 10:00	0			
4/24/2011 11:00	0			
4/24/2011 12:00	0			
4/24/2011 13:00	0			
4/24/2011 14:00	0			
4/24/2011 15:00	0			
4/24/2011 16:00	0			
4/24/2011 17:00	0			
4/24/2011 18:00	0			
4/24/2011 19:00	0			
4/24/2011 20:00	0			
4/24/2011 21:00	0			
4/24/2011 22:00	0			
4/24/2011 23:00	0			
4/25/2011 0:00	0			
4/25/2011 1:00	0			
4/25/2011 2:00	0			
4/25/2011 3:00	0			
4/25/2011 4:00	0			
4/25/2011 5:00	0			
4/25/2011 6:00	0			
4/25/2011 7:00	0			
4/25/2011 8:00	0			
4/25/2011 9:00	0			
4/25/2011 10:00	0			
4/25/2011 11:00	0			
4/25/2011 12:00	0			
4/25/2011 13:00	0			
4/25/2011 14:00	0			
4/25/2011 15:00	3400			rain
4/25/2011 16:00	43700			
4/25/2011 17:00	174500			
4/25/2011 18:00	190900			
4/25/2011 19:00	190800			
4/25/2011 20:00	191000			
4/25/2011 21:00	191400			
4/25/2011 22:00	190600			
4/25/2011 23:00	189700			
4/26/2011 0:00	190900			
4/26/2011 1:00	190100			
4/26/2011 2:00	190400			
4/26/2011 3:00	194600			
4/26/2011 4:00	200100			
4/26/2011 5:00	203900			
4/26/2011 6:00	163900			
4/26/2011 7:00	34200			
4/26/2011 8:00	39300			
4/26/2011 9:00	25500			
4/26/2011 10:00	17400			
4/26/2011 11:00	12500			
4/26/2011 12:00	15400			
4/26/2011 13:00	69100			

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
4/26/2011 14:00	21800			
4/26/2011 15:00	11400			
4/26/2011 16:00	7200			
4/26/2011 17:00	5900			
4/26/2011 18:00	6100			
4/26/2011 19:00	5500			
4/26/2011 20:00	5500			
4/26/2011 21:00	5300			
4/26/2011 22:00	3700	1		
4/26/2011 23:00	0			
4/27/2011 0:00	0			
4/27/2011 1:00	0			
4/27/2011 2:00	0			
4/27/2011 3:00	0			
4/27/2011 4:00	0			
4/27/2011 5:00	0			
4/27/2011 6:00	0			
4/27/2011 7:00	0			
4/27/2011 8:00	0			
4/27/2011 9:00	0			
4/27/2011 10:00	0			
4/27/2011 11:00	0			
4/27/2011 12:00	0			
4/27/2011 13:00	0			
4/27/2011 14:00	0			
4/27/2011 15:00	0			
4/27/2011 16:00	0			
4/27/2011 17:00	0			
4/27/2011 18:00	137700			rain
4/27/2011 19:00	192000			
4/27/2011 20:00	196100			
4/27/2011 21:00	177100			
4/27/2011 22:00	33200			
4/27/2011 23:00	22000			
4/28/2011 0:00	14800			
4/28/2011 1:00	10500			
4/28/2011 2:00	8000			
4/28/2011 3:00	7100			
4/28/2011 4:00	5200			
4/28/2011 5:00	5300			
4/28/2011 6:00	5300			
4/28/2011 7:00	5300			
4/28/2011 8:00	4800			
4/28/2011 9:00	1400	1		
4/28/2011 10:00	0			
4/28/2011 11:00	0			
4/28/2011 12:00	0			
4/28/2011 13:00	0			
4/28/2011 14:00	0			
4/28/2011 15:00	0			
4/28/2011 16:00	0			
4/28/2011 17:00	0			
4/28/2011 18:00	0			
4/28/2011 19:00	0			
4/28/2011 20:00	0			
4/28/2011 21:00	0			
4/28/2011 22:00	0			
4/28/2011 23:00	0			
4/29/2011 0:00	0			
4/29/2011 1:00	0			
4/29/2011 2:00	0			
4/29/2011 3:00	0			
4/29/2011 4:00	0			

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
4/29/2011 5:00	0			
4/29/2011 6:00	0			
4/29/2011 7:00	0			
4/29/2011 8:00	0			
4/29/2011 9:00	0			
4/29/2011 10:00	0			
4/29/2011 11:00	0			
4/29/2011 12:00	0			
4/29/2011 13:00	0			
4/29/2011 14:00	0			
4/29/2011 15:00	0			
4/29/2011 16:00	0			
4/29/2011 17:00	0			
4/29/2011 18:00	0			
4/29/2011 19:00	0			
4/29/2011 20:00	0			
4/29/2011 21:00	0			
4/29/2011 22:00	0			
4/29/2011 23:00	0			
4/30/2011 0:00	0			
4/30/2011 1:00	0			
4/30/2011 2:00	0			
4/30/2011 3:00	0			
4/30/2011 4:00	0			
4/30/2011 5:00	0			
4/30/2011 6:00	0			
4/30/2011 7:00	0			
4/30/2011 8:00	0			
4/30/2011 9:00	0			
4/30/2011 10:00	0			
4/30/2011 11:00	0			
4/30/2011 12:00	0			
4/30/2011 13:00	0			
4/30/2011 14:00	0			
4/30/2011 15:00	0			
4/30/2011 16:00	0			
4/30/2011 17:00	0			
4/30/2011 18:00	0			
4/30/2011 19:00	0			
4/30/2011 20:00	0			
4/30/2011 21:00	0			
4/30/2011 22:00	0			
4/30/2011 23:00	0			
5/1/2011 0:00	0			
5/1/2011 1:00	0			
5/1/2011 2:00	0			
5/1/2011 3:00	0			
5/1/2011 4:00	0			
5/1/2011 5:00	0			
5/1/2011 6:00	0			
5/1/2011 7:00	0			
5/1/2011 8:00	0			
5/1/2011 9:00	0			
5/1/2011 10:00	0			
5/1/2011 11:00	0			
5/1/2011 12:00	0			
5/1/2011 13:00	0			
5/1/2011 14:00	0			
5/1/2011 15:00	0			
5/1/2011 16:00	0			
5/1/2011 17:00	0			
5/1/2011 18:00	0			
5/1/2011 19:00	0			

Outfall D002 Storm Water Flow Data
GMCH Lockport Facility

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
5/1/2011 20:00	0			
5/1/2011 21:00	0			
5/1/2011 22:00	0			
5/1/2011 23:00	0			
5/2/2011 0:00	0			
5/2/2011 1:00	0			
5/2/2011 2:00	0			
5/2/2011 3:00	0			
5/2/2011 4:00	0			
5/2/2011 5:00	0			
5/2/2011 6:00	0			
5/2/2011 7:00	0			
5/2/2011 8:00	0			
5/2/2011 9:00	0			
5/2/2011 10:00	0			
5/2/2011 11:00	0			
5/2/2011 12:00	0			
5/2/2011 13:00	0			
5/2/2011 14:00	0			
5/2/2011 15:00	162300	1		rain
5/2/2011 16:00	0			
5/2/2011 17:00	0			
5/2/2011 18:00	0			
5/2/2011 19:00	0			
5/2/2011 20:00	0			
5/2/2011 21:00	0			
5/2/2011 22:00	0			
5/2/2011 23:00	0			
5/3/2011 0:00	0			
5/3/2011 1:00	0			
5/3/2011 2:00	0			
5/3/2011 3:00	0			
5/3/2011 4:00	0			
5/3/2011 5:00	0			
5/3/2011 6:00	0			
5/3/2011 7:00	5600			light rain
5/3/2011 8:00	6800			
5/3/2011 9:00	5400			
5/3/2011 10:00	65300			
5/3/2011 11:00	189700			
5/3/2011 12:00	189500			
5/3/2011 13:00	189400			
5/3/2011 14:00	191100			
5/3/2011 15:00	191000			
5/3/2011 16:00	190400			
5/3/2011 17:00	193400			
5/3/2011 18:00	193700			
5/3/2011 19:00	190200			
5/3/2011 20:00	191500			
5/3/2011 21:00	194800			
5/3/2011 22:00	200100			
5/3/2011 23:00	202500			
5/4/2011 0:00	43800			
5/4/2011 1:00	28700			
5/4/2011 2:00	20200			
5/4/2011 3:00	14600			
5/4/2011 4:00	11000			
5/4/2011 5:00	8600			
5/4/2011 6:00	7100			
5/4/2011 7:00	6000			
5/4/2011 8:00	4900			
5/4/2011 9:00	3800			
5/4/2011 10:00	2700			

Outfall D002 Storm Water Flow Data
GMCH Lockport Facility

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
5/4/2011 11:00	1400	1		
5/4/2011 12:00	0			
5/4/2011 13:00	0			
5/4/2011 14:00	0			
5/4/2011 15:00	0			
5/4/2011 16:00	0			
5/4/2011 17:00	0			
5/4/2011 18:00	0			
5/4/2011 19:00	0			
5/4/2011 20:00	0			
5/4/2011 21:00	0			
5/4/2011 22:00	0			
5/4/2011 23:00	0			
5/5/2011 0:00	0			
5/5/2011 1:00	0			
5/5/2011 2:00	0			
5/5/2011 3:00	0			
5/5/2011 4:00	0			
5/5/2011 5:00	0			
5/5/2011 6:00	0			
5/5/2011 7:00	0			
5/5/2011 8:00	0			
5/5/2011 9:00	0			
5/5/2011 10:00	0			
5/5/2011 11:00	0			
5/5/2011 12:00	0			
5/5/2011 13:00	0			
5/5/2011 14:00	0			
5/5/2011 15:00	0			
5/5/2011 16:00	0			
5/5/2011 17:00	1900			no precip
5/5/2011 18:00	5400			erroneous data
5/5/2011 19:00	0			
5/5/2011 20:00	0			
5/5/2011 21:00	0			
5/5/2011 22:00	0			
5/5/2011 23:00	0			
5/6/2011 0:00	0			
5/6/2011 1:00	0			
5/6/2011 2:00	0			
5/6/2011 3:00	0			
5/6/2011 4:00	0			
5/6/2011 5:00	0			
5/6/2011 6:00	0			
5/6/2011 7:00	0			
5/6/2011 8:00	0			
5/6/2011 9:00	0			
5/6/2011 10:00	0			
5/6/2011 11:00	0			
5/6/2011 12:00	0			
5/6/2011 13:00	0			
5/6/2011 14:00	0			
5/6/2011 15:00	0			
5/6/2011 16:00	0			
5/6/2011 17:00	0			
5/6/2011 18:00	0			
5/6/2011 19:00	0			
5/6/2011 20:00	0			
5/6/2011 21:00	0			
5/6/2011 22:00	0			
5/6/2011 23:00	0			
5/7/2011 0:00	0			
5/7/2011 1:00	0			

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
5/7/2011 2:00	0			
5/7/2011 3:00	0			
5/7/2011 4:00	0			
5/7/2011 5:00	0			
5/7/2011 6:00	0			
5/7/2011 7:00	0			
5/7/2011 8:00	0			
5/7/2011 9:00	0			
5/7/2011 10:00	0			
5/7/2011 11:00	0			
5/7/2011 12:00	0			
5/7/2011 13:00	0			
5/7/2011 14:00	0			
5/7/2011 15:00	0			
5/7/2011 16:00	0			
5/7/2011 17:00	0			
5/7/2011 18:00	0			
5/7/2011 19:00	0			
5/7/2011 20:00	0			
5/7/2011 21:00	0			
5/7/2011 22:00	0			
5/7/2011 23:00	0			
5/8/2011 0:00	0			
5/8/2011 1:00	0			
5/8/2011 2:00	0			
5/8/2011 3:00	0			
5/8/2011 4:00	0			
5/8/2011 5:00	0			
5/8/2011 6:00	0			
5/8/2011 7:00	0			
5/8/2011 8:00	0			
5/8/2011 9:00	0			
5/8/2011 10:00	0			
5/8/2011 11:00	0			
5/8/2011 12:00	0			
5/8/2011 13:00	0			
5/8/2011 14:00	0			
5/8/2011 15:00	0			
5/8/2011 16:00	0			
5/8/2011 17:00	0			
5/8/2011 18:00	0			
5/8/2011 19:00	0			
5/8/2011 20:00	0			
5/8/2011 21:00	0			
5/8/2011 22:00	0			
5/8/2011 23:00	0			
5/9/2011 0:00	0			
5/9/2011 1:00	0			
5/9/2011 2:00	0			
5/9/2011 3:00	0			
5/9/2011 4:00	0			
5/9/2011 5:00	0			
5/9/2011 6:00	0			
5/9/2011 7:00	0			
5/9/2011 8:00	0			
5/9/2011 9:00	0			
5/9/2011 10:00	0			
5/9/2011 11:00	0			
5/9/2011 12:00	0			
5/9/2011 13:00	0			
5/9/2011 14:00	0			
5/9/2011 15:00	0			
5/9/2011 16:00	0			

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
5/9/2011 17:00	0			
5/9/2011 18:00	0			
5/9/2011 19:00	0			
5/9/2011 20:00	0			
5/9/2011 21:00	0			
5/9/2011 22:00	0			
5/9/2011 23:00	0			
5/10/2011 0:00	0			
5/10/2011 1:00	0			
5/10/2011 2:00	0			
5/10/2011 3:00	0			
5/10/2011 4:00	0			
5/10/2011 5:00	0			
5/10/2011 6:00	0			
5/10/2011 7:00	0			
5/10/2011 8:00	0			
5/10/2011 9:00	0			
5/10/2011 10:00	0			
5/10/2011 11:00	0			
5/10/2011 12:00	0			
5/10/2011 13:00	0			
5/10/2011 14:00	0			
5/10/2011 15:00	0			
5/10/2011 16:00	0			
5/10/2011 17:00	0			
5/10/2011 18:00	0			
5/10/2011 19:00	0			
5/10/2011 20:00	0			
5/10/2011 21:00	0			
5/10/2011 22:00	0			
5/10/2011 23:00	0			
5/11/2011 0:00	0			
5/11/2011 1:00	0			
5/11/2011 2:00	0			
5/11/2011 3:00	0			
5/11/2011 4:00	0			
5/11/2011 5:00	0			
5/11/2011 6:00	0			
5/11/2011 7:00	0			
5/11/2011 8:00	0			
5/11/2011 9:00	0			
5/11/2011 10:00	0			
5/11/2011 11:00	0			
5/11/2011 12:00	0			
5/11/2011 13:00	0			
5/11/2011 14:00	0			
5/11/2011 15:00	0			
5/11/2011 16:00	0			
5/11/2011 17:00	0			
5/11/2011 18:00	0			
5/11/2011 19:00	0			
5/11/2011 20:00	0			
5/11/2011 21:00	0			
5/11/2011 22:00	0			
5/11/2011 23:00	0			
5/12/2011 0:00	0			
5/12/2011 1:00	0			
5/12/2011 2:00	0			
5/12/2011 3:00	0			
5/12/2011 4:00	0			
5/12/2011 5:00	0			
5/12/2011 6:00	0			
5/12/2011 7:00	0			

Outfall D002 Storm Water Flow Data
GMCH Lockport Facility

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
5/12/2011 8:00	0			
5/12/2011 9:00	0			
5/12/2011 10:00	0			
5/12/2011 11:00	0			
5/12/2011 12:00	0			
5/12/2011 13:00	0			
5/12/2011 14:00	0			
5/12/2011 15:00	0			
5/12/2011 16:00	0			
5/12/2011 17:00	0			
5/12/2011 18:00	0			
5/12/2011 19:00	0			
5/12/2011 20:00	0			
5/12/2011 21:00	0			
5/12/2011 22:00	0			
5/12/2011 23:00	0			
5/13/2011 0:00	0			
5/13/2011 1:00	0			
5/13/2011 2:00	0			
5/13/2011 3:00	0			
5/13/2011 4:00	0			
5/13/2011 5:00	0			
5/13/2011 6:00	0			
5/13/2011 7:00	0			
5/13/2011 8:00	0			
5/13/2011 9:00	0			
5/13/2011 10:00	0			
5/13/2011 11:00	0			
5/13/2011 12:00	0			
5/13/2011 13:00	0			
5/13/2011 14:00	0			
5/13/2011 15:00	0			
5/13/2011 16:00	0			
5/13/2011 17:00	0			
5/13/2011 18:00	0			
5/13/2011 19:00	0			
5/13/2011 20:00	0			
5/13/2011 21:00	0			
5/13/2011 22:00	0			
5/13/2011 23:00	33100			light rain
5/14/2011 0:00	189700			
5/14/2011 1:00	197700			
5/14/2011 2:00	208100			
5/14/2011 3:00	210400			
5/14/2011 4:00	211600			
5/14/2011 5:00	80800			
5/14/2011 6:00	6000			
5/14/2011 7:00	8800			
5/14/2011 8:00	12000			
5/14/2011 9:00	6300			
5/14/2011 10:00	4200			
5/14/2011 11:00	0			
5/14/2011 12:00	0			
5/14/2011 13:00	0			
5/14/2011 14:00	0			
5/14/2011 15:00	0			
5/14/2011 16:00	0			
5/14/2011 17:00	0			
5/14/2011 18:00	0			
5/14/2011 19:00	0			
5/14/2011 20:00	0			
5/14/2011 21:00	0			
5/14/2011 22:00	6200			

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
5/14/2011 23:00	8700			
5/15/2011 0:00	99700			
5/15/2011 1:00	189600			
5/15/2011 2:00	191900			
5/15/2011 3:00	191900			
5/15/2011 4:00	195200			
5/15/2011 5:00	198300			
5/15/2011 6:00	196600			
5/15/2011 7:00	44700			
5/15/2011 8:00	39400			
5/15/2011 9:00	99400			
5/15/2011 10:00	74900			
5/15/2011 11:00	55500			
5/15/2011 12:00	57800			
5/15/2011 13:00	56900			
5/15/2011 14:00	55300			
5/15/2011 15:00	128400			
5/15/2011 16:00	189800			
5/15/2011 17:00	189100			
5/15/2011 18:00	189100			
5/15/2011 19:00	190300			
5/15/2011 20:00	189700			
5/15/2011 21:00	190400			
5/15/2011 22:00	191200			
5/15/2011 23:00	191300			
5/16/2011 0:00	192400			light rain
5/16/2011 1:00	193300			
5/16/2011 2:00	196600			
5/16/2011 3:00	197400			
5/16/2011 4:00	200500			
5/16/2011 5:00	200000			
5/16/2011 6:00	203700			
5/16/2011 7:00	205300			
5/16/2011 8:00	198700			
5/16/2011 9:00	200100			
5/16/2011 10:00	208300			
5/16/2011 11:00	169600			
5/16/2011 12:00	25900			
5/16/2011 13:00	21400			
5/16/2011 14:00	13100			
5/16/2011 15:00	39200			
5/16/2011 16:00	103400			
5/16/2011 17:00	191200			
5/16/2011 18:00	118200			
5/16/2011 19:00	56600			
5/16/2011 20:00	40100			
5/16/2011 21:00	27200			
5/16/2011 22:00	20200			
5/16/2011 23:00	15800			
5/17/2011 0:00	12800			light rain
5/17/2011 1:00	11500			
5/17/2011 2:00	10200			
5/17/2011 3:00	8700			
5/17/2011 4:00	7700			
5/17/2011 5:00	7200			
5/17/2011 6:00	6700			
5/17/2011 7:00	6100			
5/17/2011 8:00	5300			
5/17/2011 9:00	4800			
5/17/2011 10:00	4200			
5/17/2011 11:00	3500			
5/17/2011 12:00	2900			
5/17/2011 13:00	0			

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
5/17/2011 14:00	0			
5/17/2011 15:00	0			
5/17/2011 16:00	0			
5/17/2011 17:00	0			
5/17/2011 18:00	6800			
5/17/2011 19:00	27000			
5/17/2011 20:00	30000			
5/17/2011 21:00	16000			
5/17/2011 22:00	10400			
5/17/2011 23:00	8000			
5/18/2011 0:00	6800			
5/18/2011 1:00	5700			
5/18/2011 2:00	4900			
5/18/2011 3:00	4300			
5/18/2011 4:00	3600			
5/18/2011 5:00	0			
5/18/2011 6:00	10600			
5/18/2011 7:00	159100			
5/18/2011 8:00	165200			
5/18/2011 9:00	65400			
5/18/2011 10:00	58200			
5/18/2011 11:00	44500			
5/18/2011 12:00	28300			
5/18/2011 13:00	17600			
5/18/2011 14:00	11100			
5/18/2011 15:00	7100			
5/18/2011 16:00	4900			
5/18/2011 17:00	3500			
5/18/2011 18:00	3300			
5/18/2011 19:00	3500			
5/18/2011 20:00	36500			
5/18/2011 21:00	77300			
5/18/2011 22:00	170900			
5/18/2011 23:00	112400			
5/19/2011 0:00	71200			
5/19/2011 1:00	49400			
5/19/2011 2:00	33500			
5/19/2011 3:00	23900			
5/19/2011 4:00	18100			
5/19/2011 5:00	14200			
5/19/2011 6:00	10700			
5/19/2011 7:00	8800			
5/19/2011 8:00	7100			
5/19/2011 9:00	5800			
5/19/2011 10:00	3600			
5/19/2011 11:00	2100			
5/19/2011 12:00	700	1		
5/19/2011 13:00	0			
5/19/2011 14:00	0			
5/19/2011 15:00	0			
5/19/2011 16:00	0			
5/19/2011 17:00	0			
5/19/2011 18:00	0			
5/19/2011 19:00	0			
5/19/2011 20:00	0			
5/19/2011 21:00	0			
5/19/2011 22:00	0			
5/19/2011 23:00	0			
5/20/2011 0:00	0			
5/20/2011 1:00	0			
5/20/2011 2:00	0			
5/20/2011 3:00	0			
5/20/2011 4:00	0			

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
5/20/2011 5:00	0			
5/20/2011 6:00	0			
5/20/2011 7:00	0			
5/20/2011 8:00	0			
5/20/2011 9:00	0			
5/20/2011 10:00	0			
5/20/2011 11:00	0			
5/20/2011 12:00	0			
5/20/2011 13:00	9300			rain
5/20/2011 14:00	174700			
5/20/2011 15:00	29600			
5/20/2011 16:00	7600			
5/20/2011 17:00	3400			
5/20/2011 18:00	1100			
5/20/2011 19:00	200			
5/20/2011 20:00	500	1		
5/20/2011 21:00	0			
5/20/2011 22:00	0			
5/20/2011 23:00	0			
5/21/2011 0:00	0			
5/21/2011 1:00	0			
5/21/2011 2:00	0			
5/21/2011 3:00	0			
5/21/2011 4:00	0			
5/21/2011 5:00	0			
5/21/2011 6:00	0			
5/21/2011 7:00	0			
5/21/2011 8:00	0			
5/21/2011 9:00	0			
5/21/2011 10:00	0			
5/21/2011 11:00	0			
5/21/2011 12:00	0			
5/21/2011 13:00	0			
5/21/2011 14:00	0			
5/21/2011 15:00	0			
5/21/2011 16:00	0			
5/21/2011 17:00	0			
5/21/2011 18:00	0			
5/21/2011 19:00	0			
5/21/2011 20:00	0			
5/21/2011 21:00	0			
5/21/2011 22:00	0			
5/21/2011 23:00	0			
5/22/2011 0:00	0			
5/22/2011 1:00	0			
5/22/2011 2:00	0			
5/22/2011 3:00	0			
5/22/2011 4:00	0			
5/22/2011 5:00	0			
5/22/2011 6:00	0			
5/22/2011 7:00	0			
5/22/2011 8:00	0			
5/22/2011 9:00	0			
5/22/2011 10:00	0			
5/22/2011 11:00	0			
5/22/2011 12:00	0			
5/22/2011 13:00	0			
5/22/2011 14:00	0			
5/22/2011 15:00	0			
5/22/2011 16:00	0			
5/22/2011 17:00	0			
5/22/2011 18:00	0			
5/22/2011 19:00	0			

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
5/22/2011 20:00	0			
5/22/2011 21:00	0			
5/22/2011 22:00	0			
5/22/2011 23:00	0			
5/23/2011 0:00	0			
5/23/2011 1:00	0			
5/23/2011 2:00	0			
5/23/2011 3:00	0			
5/23/2011 4:00	0			
5/23/2011 5:00	0			
5/23/2011 6:00	0			
5/23/2011 7:00	0			
5/23/2011 8:00	0			
5/23/2011 9:00	0			
5/23/2011 10:00	0			
5/23/2011 11:00	0			
5/23/2011 12:00	0			
5/23/2011 13:00	0			
5/23/2011 14:00	0			
5/23/2011 15:00	0			
5/23/2011 16:00	0			
5/23/2011 17:00	0			
5/23/2011 18:00	0			
5/23/2011 19:00	0			
5/23/2011 20:00	0			
5/23/2011 21:00	0			
5/23/2011 22:00	0			
5/23/2011 23:00	0			
5/24/2011 0:00	0			
5/24/2011 1:00	0			
5/24/2011 2:00	0			
5/24/2011 3:00	0			
5/24/2011 4:00	0			
5/24/2011 5:00	0			
5/24/2011 6:00	0			
5/24/2011 7:00	0			
5/24/2011 8:00	0			
5/24/2011 9:00	0			
5/24/2011 10:00	0			
5/24/2011 11:00	0			
5/24/2011 12:00	0			
5/24/2011 13:00	0			
5/24/2011 14:00	0			
5/24/2011 15:00	0			
5/24/2011 16:00	0			
5/24/2011 17:00	0			
5/24/2011 18:00	0			
5/24/2011 19:00	0			
5/24/2011 20:00	0			
5/24/2011 21:00	0			
5/24/2011 22:00	0			
5/24/2011 23:00	0			
5/25/2011 0:00	0			
5/25/2011 1:00	0			
5/25/2011 2:00	0			
5/25/2011 3:00	0			
5/25/2011 4:00	0			
5/25/2011 5:00	0			
5/25/2011 6:00	0			
5/25/2011 7:00	0			
5/25/2011 8:00	0			
5/25/2011 9:00	0			
5/25/2011 10:00	0			

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
5/25/2011 11:00	0			
5/25/2011 12:00	0			
5/25/2011 13:00	0			
5/25/2011 14:00	0			
5/25/2011 15:00	0			
5/25/2011 16:00	0			
5/25/2011 17:00	0			
5/25/2011 18:00	0			
5/25/2011 19:00	0			
5/25/2011 20:00	0			
5/25/2011 21:00	0			
5/25/2011 22:00	0			
5/25/2011 23:00	0			
5/26/2011 0:00	172100			rain
5/26/2011 1:00	202700			
5/26/2011 2:00	152600			
5/26/2011 3:00	7700			
5/26/2011 4:00	3700			
5/26/2011 5:00	0			
5/26/2011 6:00	0			
5/26/2011 7:00	0			
5/26/2011 8:00	9500			
5/26/2011 9:00	24400			
5/26/2011 10:00	40500			
5/26/2011 11:00	10300			
5/26/2011 12:00	1600			
5/26/2011 13:00	0			
5/26/2011 14:00	0			
5/26/2011 15:00	0			
5/26/2011 16:00	0			
5/26/2011 17:00	0			
5/26/2011 18:00	0			
5/26/2011 19:00	1300			
5/26/2011 20:00	21300			
5/26/2011 21:00	12800			
5/26/2011 22:00	22200			
5/26/2011 23:00	11200			
5/27/2011 0:00	13700			
5/27/2011 1:00	178200			
5/27/2011 2:00	204500			
5/27/2011 3:00	148700			
5/27/2011 4:00	16700			
5/27/2011 5:00	12100			
5/27/2011 6:00	9000			
5/27/2011 7:00	7100			
5/27/2011 8:00	49900			
5/27/2011 9:00	99900			
5/27/2011 10:00	30700			
5/27/2011 11:00	17200			
5/27/2011 12:00	11600			
5/27/2011 13:00	8100			
5/27/2011 14:00	5500			
5/27/2011 15:00	3400			
5/27/2011 16:00	0			
5/27/2011 17:00	0			
5/27/2011 18:00	600			
5/27/2011 19:00	6400			
5/27/2011 20:00	11400			
5/27/2011 21:00	11300			
5/27/2011 22:00	11200			
5/27/2011 23:00	11900			
5/28/2011 0:00	7400			
5/28/2011 1:00	4400	1		

Outfall D002 Storm Water Flow Data
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Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
5/28/2011 2:00	0			
5/28/2011 3:00	0			
5/28/2011 4:00	0			
5/28/2011 5:00	0			
5/28/2011 6:00	0			
5/28/2011 7:00	0			
5/28/2011 8:00	0			
5/28/2011 9:00	0			
5/28/2011 10:00	0			
5/28/2011 11:00	0			
5/28/2011 12:00	0			
5/28/2011 13:00	0			
5/28/2011 14:00	0			
5/28/2011 15:00	0			
5/28/2011 16:00	0			
5/28/2011 17:00	0			
5/28/2011 18:00	0			
5/28/2011 19:00	0			
5/28/2011 20:00	0			
5/28/2011 21:00	0			
5/28/2011 22:00	0			
5/28/2011 23:00	0			
5/29/2011 0:00	0			
5/29/2011 1:00	0			
5/29/2011 2:00	0			
5/29/2011 3:00	0			
5/29/2011 4:00	0			
5/29/2011 5:00	0			
5/29/2011 6:00	0			
5/29/2011 7:00	0			
5/29/2011 8:00	0			
5/29/2011 9:00	0			
5/29/2011 10:00	0			
5/29/2011 11:00	0			
5/29/2011 12:00	0			
5/29/2011 13:00	0			
5/29/2011 14:00	0			
5/29/2011 15:00	0			
5/29/2011 16:00	0			
5/29/2011 17:00	0			
5/29/2011 18:00	0			
5/29/2011 19:00	0			
5/29/2011 20:00	0			
5/29/2011 21:00	0			
5/29/2011 22:00	0			
5/29/2011 23:00	104900			rain
5/30/2011 0:00	199400			
5/30/2011 1:00	151700			
5/30/2011 2:00	15300			
5/30/2011 3:00	11700			
5/30/2011 4:00	8400			
5/30/2011 5:00	3800			
5/30/2011 6:00	800	1		
5/30/2011 7:00	0			
5/30/2011 8:00	0			
5/30/2011 9:00	0			
5/30/2011 10:00	0			
5/30/2011 11:00	0			
5/30/2011 12:00	0			
5/30/2011 13:00	0			
5/30/2011 14:00	0			
5/30/2011 15:00	0			
5/30/2011 16:00	0			

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
5/30/2011 17:00	0			
5/30/2011 18:00	0			
5/30/2011 19:00	0			
5/30/2011 20:00	0			
5/30/2011 21:00	0			
5/30/2011 22:00	0			
5/30/2011 23:00	0			
5/31/2011 0:00	0			
5/31/2011 1:00	0			
5/31/2011 2:00	0			
5/31/2011 3:00	0			
5/31/2011 4:00	0			
5/31/2011 5:00	0			
5/31/2011 6:00	0			
5/31/2011 7:00	0			
5/31/2011 8:00	0			
5/31/2011 9:00	0			
5/31/2011 10:00	0			
5/31/2011 11:00	0			
5/31/2011 12:00	0			
5/31/2011 13:00	0			
5/31/2011 14:00	0			
5/31/2011 15:00	0			
5/31/2011 16:00	0			
5/31/2011 17:00	0			
5/31/2011 18:00	0			
5/31/2011 19:00	0			
5/31/2011 20:00	0			
5/31/2011 21:00	0			
5/31/2011 22:00	0			
5/31/2011 23:00	0			
6/1/2011 0:00	0			
6/1/2011 1:00	0			
6/1/2011 2:00	0			
6/1/2011 3:00	0			
6/1/2011 4:00	0			
6/1/2011 5:00	0			
6/1/2011 6:00	0			
6/1/2011 7:00	0			
6/1/2011 8:00	0			
6/1/2011 9:00	0			
6/1/2011 10:00	0			
6/1/2011 11:00	0			
6/1/2011 12:00	0			
6/1/2011 13:00	0			
6/1/2011 14:00	0			
6/1/2011 15:00	0			
6/1/2011 16:00	0			
6/1/2011 17:00	0			
6/1/2011 18:00	0			
6/1/2011 19:00	0			
6/1/2011 20:00	0			
6/1/2011 21:00	0			
6/1/2011 22:00	0			
6/1/2011 23:00	0			
6/2/2011 0:00	0			
6/2/2011 1:00	0			
6/2/2011 2:00	0			
6/2/2011 3:00	0			
6/2/2011 4:00	0			
6/2/2011 5:00	0			
6/2/2011 6:00	0			
6/2/2011 7:00	0			

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Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
6/2/2011 8:00	0			
6/2/2011 9:00	0			
6/2/2011 10:00	0			
6/2/2011 11:00	0			
6/2/2011 12:00	0			
6/2/2011 13:00	0			
6/2/2011 14:00	0			
6/2/2011 15:00	0			
6/2/2011 16:00	0			
6/2/2011 17:00	0			
6/2/2011 18:00	0			
6/2/2011 19:00	0			
6/2/2011 20:00	0			
6/2/2011 21:00	0			
6/2/2011 22:00	0			
6/2/2011 23:00	0			
6/3/2011 0:00	0			
6/3/2011 1:00	0			
6/3/2011 2:00	0			
6/3/2011 3:00	0			
6/3/2011 4:00	0			
6/3/2011 5:00	0			
6/3/2011 6:00	0			
6/3/2011 7:00	0			
6/3/2011 8:00	0			
6/3/2011 9:00	0			
6/3/2011 10:00	0			
6/3/2011 11:00	0			
6/3/2011 12:00	0			
6/3/2011 13:00	0			
6/3/2011 14:00	0			
6/3/2011 15:00	0			
6/3/2011 16:00	0			
6/3/2011 17:00	0			
6/3/2011 18:00	0			
6/3/2011 19:00	0			
6/3/2011 20:00	0			
6/3/2011 21:00	0			
6/3/2011 22:00	0			
6/3/2011 23:00	0			
6/4/2011 0:00	0			
6/4/2011 1:00	0			
6/4/2011 2:00	0			
6/4/2011 3:00	0			
6/4/2011 4:00	0			
6/4/2011 5:00	0			
6/4/2011 6:00	0			
6/4/2011 7:00	0			
6/4/2011 8:00	0			
6/4/2011 9:00	0			
6/4/2011 10:00	0			
6/4/2011 11:00	0			
6/4/2011 12:00	0			
6/4/2011 13:00	79300			light rain
6/4/2011 14:00	141900			
6/4/2011 15:00	10200			
6/4/2011 16:00	200	1		
6/4/2011 17:00	0			
6/4/2011 18:00	0			
6/4/2011 19:00	0			
6/4/2011 20:00	0			
6/4/2011 21:00	0			
6/4/2011 22:00	0			

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
6/4/2011 23:00	0			
6/5/2011 0:00	0			
6/5/2011 1:00	0			
6/5/2011 2:00	0			
6/5/2011 3:00	0			
6/5/2011 4:00	0			
6/5/2011 5:00	0			
6/5/2011 6:00	0			
6/5/2011 7:00	0			
6/5/2011 8:00	0			
6/5/2011 9:00	0			
6/5/2011 10:00	0			
6/5/2011 11:00	0			
6/5/2011 12:00	0			
6/5/2011 13:00	0			
6/5/2011 14:00	0			
6/5/2011 15:00	0			
6/5/2011 16:00	0			
6/5/2011 17:00	0			
6/5/2011 18:00	0			
6/5/2011 19:00	0			
6/5/2011 20:00	0			
6/5/2011 21:00	0			
6/5/2011 22:00	0			
6/5/2011 23:00	0			
6/6/2011 0:00	0			
6/6/2011 1:00	0			
6/6/2011 2:00	0			
6/6/2011 3:00	0			
6/6/2011 4:00	0			
6/6/2011 5:00	0			
6/6/2011 6:00	0			
6/6/2011 7:00	0			
6/6/2011 8:00	0			
6/6/2011 9:00	0			
6/6/2011 10:00	0			
6/6/2011 11:00	0			
6/6/2011 12:00	0			
6/6/2011 13:00	0			
6/6/2011 14:00	0			
6/6/2011 15:00	0			
6/6/2011 16:00	0			
6/6/2011 17:00	0			
6/6/2011 18:00	0			
6/6/2011 19:00	0			
6/6/2011 20:00	0			
6/6/2011 21:00	0			
6/6/2011 22:00	0			
6/6/2011 23:00	0			
6/7/2011 0:00	0			
6/7/2011 1:00	0			
6/7/2011 2:00	0			
6/7/2011 3:00	0			
6/7/2011 4:00	0			
6/7/2011 5:00	0			
6/7/2011 6:00	0			
6/7/2011 7:00	11500			light rain
6/7/2011 8:00	49200			
6/7/2011 9:00	43800			
6/7/2011 10:00	5500	1		
6/7/2011 11:00	0			
6/7/2011 12:00	0			
6/7/2011 13:00	0			

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
6/7/2011 14:00	0			
6/7/2011 15:00	0			
6/7/2011 16:00	0			
6/7/2011 17:00	0			
6/7/2011 18:00	0			
6/7/2011 19:00	0			
6/7/2011 20:00	0			
6/7/2011 21:00	0			
6/7/2011 22:00	0			
6/7/2011 23:00	0			
6/8/2011 0:00	0			
6/8/2011 1:00	0			
6/8/2011 2:00	0			
6/8/2011 3:00	0			
6/8/2011 4:00	0			
6/8/2011 5:00	0			
6/8/2011 6:00	0			
6/8/2011 7:00	0			
6/8/2011 8:00	0			
6/8/2011 9:00	0			
6/8/2011 10:00	0			
6/8/2011 11:00	0			
6/8/2011 12:00	0			
6/8/2011 13:00	0			
6/8/2011 14:00	0			
6/8/2011 15:00	0			
6/8/2011 16:00	0			
6/8/2011 17:00	0			
6/8/2011 18:00	0			
6/8/2011 19:00	0			
6/8/2011 20:00	0			
6/8/2011 21:00	0			
6/8/2011 22:00	0			
6/8/2011 23:00	0			
6/9/2011 0:00	0			
6/9/2011 1:00	0			
6/9/2011 2:00	0			
6/9/2011 3:00	0			
6/9/2011 4:00	0			
6/9/2011 5:00	0			
6/9/2011 6:00	0			
6/9/2011 7:00	0			
6/9/2011 8:00	0			
6/9/2011 9:00	0			
6/9/2011 10:00	0			
6/9/2011 11:00	0			
6/9/2011 12:00	0			
6/9/2011 13:00	0			
6/9/2011 14:00	0			
6/9/2011 15:00	0			
6/9/2011 16:00	0			
6/9/2011 17:00	0			
6/9/2011 18:00	0			
6/9/2011 19:00	0			
6/9/2011 20:00	0			
6/9/2011 21:00	0			
6/9/2011 22:00	0			
6/9/2011 23:00	0			
6/10/2011 0:00	0			
6/10/2011 1:00	0			
6/10/2011 2:00	0			
6/10/2011 3:00	0			
6/10/2011 4:00	0			

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Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
6/10/2011 5:00	0			
6/10/2011 6:00	0			
6/10/2011 7:00	0			
6/10/2011 8:00	0			
6/10/2011 9:00	0			
6/10/2011 10:00	0			
6/10/2011 11:00	0			
6/10/2011 12:00	0			
6/10/2011 13:00	0			
6/10/2011 14:00	0			
6/10/2011 15:00	0			
6/10/2011 16:00	0			
6/10/2011 17:00	0			
6/10/2011 18:00	0			
6/10/2011 19:00	0			
6/10/2011 20:00	0			
6/10/2011 21:00	0			
6/10/2011 22:00	0			
6/10/2011 23:00	0			
6/11/2011 0:00	0			
6/11/2011 1:00	0			
6/11/2011 2:00	0			
6/11/2011 3:00	0			
6/11/2011 4:00	0			
6/11/2011 5:00	0			
6/11/2011 6:00	0			
6/11/2011 7:00	0			
6/11/2011 8:00	0			
6/11/2011 9:00	0			
6/11/2011 10:00	0			
6/11/2011 11:00	0			
6/11/2011 12:00	0			
6/11/2011 13:00	0			
6/11/2011 14:00	0			
6/11/2011 15:00	0			
6/11/2011 16:00	0			
6/11/2011 17:00	0			
6/11/2011 18:00	0			
6/11/2011 19:00	0			
6/11/2011 20:00	0			
6/11/2011 21:00	0			
6/11/2011 22:00	0			
6/11/2011 23:00	0			
6/12/2011 0:00	0			
6/12/2011 1:00	0			
6/12/2011 2:00	0			
6/12/2011 3:00	0			
6/12/2011 4:00	0			
6/12/2011 5:00	0			
6/12/2011 6:00	6300	1	light rain	
6/12/2011 7:00	0			
6/12/2011 8:00	0			
6/12/2011 9:00	0			
6/12/2011 10:00	0			
6/12/2011 11:00	0			
6/12/2011 12:00	0			
6/12/2011 13:00	0			
6/12/2011 14:00	0			
6/12/2011 15:00	0			
6/12/2011 16:00	0			
6/12/2011 17:00	0			
6/12/2011 18:00	0			
6/12/2011 19:00	0			

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
6/12/2011 20:00	0			
6/12/2011 21:00	0			
6/12/2011 22:00	0			
6/12/2011 23:00	0			
6/13/2011 0:00	0			
6/13/2011 1:00	0			
6/13/2011 2:00	0			
6/13/2011 3:00	0			
6/13/2011 4:00	0			
6/13/2011 5:00	0			
6/13/2011 6:00	0			
6/13/2011 7:00	0			
6/13/2011 8:00	0			
6/13/2011 9:00	0			
6/13/2011 10:00	0			
6/13/2011 11:00	0			
6/13/2011 12:00	0			
6/13/2011 13:00	0			
6/13/2011 14:00	0			
6/13/2011 15:00	14300	1	Rain at 8pm	
6/13/2011 16:00	0			
6/13/2011 17:00	0			
6/13/2011 18:00	0			
6/13/2011 19:00	0			
6/13/2011 20:00	0			
6/13/2011 21:00	0			
6/13/2011 22:00	0			
6/13/2011 23:00	0			
6/14/2011 0:00	10400			
6/14/2011 1:00	2400	1		
6/14/2011 2:00	0			
6/14/2011 3:00	0			
6/14/2011 4:00	0			
6/14/2011 5:00	0			
6/14/2011 6:00	0			
6/14/2011 7:00	0			
6/14/2011 8:00	0			
6/14/2011 9:00	0			
6/14/2011 10:00	0			
6/14/2011 11:00	0			
6/14/2011 12:00	0			
6/14/2011 13:00	0			
6/14/2011 14:00	0			
6/14/2011 15:00	0			
6/14/2011 16:00	0			
6/14/2011 17:00	0			
6/14/2011 18:00	0			
6/14/2011 19:00	0			
6/14/2011 20:00	0			
6/14/2011 21:00	0			
6/14/2011 22:00	0			
6/14/2011 23:00	0			
6/15/2011 0:00	0			
6/15/2011 1:00	0			
6/15/2011 2:00	0			
6/15/2011 3:00	0			
6/15/2011 4:00	0			
6/15/2011 5:00	0			
6/15/2011 6:00	0			
6/15/2011 7:00	0			
6/15/2011 8:00	0			
6/15/2011 9:00	0			
6/15/2011 10:00	0			

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
6/15/2011 11:00	0			
6/15/2011 12:00	0			
6/15/2011 13:00	0			
6/15/2011 14:00	0			
6/15/2011 15:00	0			
6/15/2011 16:00	0			
6/15/2011 17:00	0			
6/15/2011 18:00	0			
6/15/2011 19:00	0			
6/15/2011 20:00	0			
6/15/2011 21:00	0			
6/15/2011 22:00	0			
6/15/2011 23:00	0			
6/16/2011 0:00	0			
6/16/2011 1:00	0			
6/16/2011 2:00	0			
6/16/2011 3:00	0			
6/16/2011 4:00	0			
6/16/2011 5:00	0			
6/16/2011 6:00	0			
6/16/2011 7:00	0			
6/16/2011 8:00	0			
6/16/2011 9:00	0			
6/16/2011 10:00	0			
6/16/2011 11:00	0			
6/16/2011 12:00	0			
6/16/2011 13:00	0			
6/16/2011 14:00	0			
6/16/2011 15:00	0			
6/16/2011 16:00	0			
6/16/2011 17:00	0			
6/16/2011 18:00	0			
6/16/2011 19:00	0			
6/16/2011 20:00	0			
6/16/2011 21:00	0			
6/16/2011 22:00	0			
6/16/2011 23:00	0			
6/17/2011 0:00	0			
6/17/2011 1:00	0			
6/17/2011 2:00	0			
6/17/2011 3:00	0			
6/17/2011 4:00	0			
6/17/2011 5:00	0			
6/17/2011 6:00	0			
6/17/2011 7:00	0			
6/17/2011 8:00	0			
6/17/2011 9:00	0			
6/17/2011 10:00	0			
6/17/2011 11:00	0			
6/17/2011 12:00	0			
6/17/2011 13:00	0			
6/17/2011 14:00	0			
6/17/2011 15:00	0			
6/17/2011 16:00	0			
6/17/2011 17:00	0			
6/17/2011 18:00	0			
6/17/2011 19:00	0			
6/17/2011 20:00	0			
6/17/2011 21:00	0			
6/17/2011 22:00	0			
6/17/2011 23:00	0			
6/18/2011 0:00	0			
6/18/2011 1:00	0			

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
6/18/2011 2:00	0			
6/18/2011 3:00	0			
6/18/2011 4:00	0			
6/18/2011 5:00	0			
6/18/2011 6:00	0			
6/18/2011 7:00	0			
6/18/2011 8:00	0			
6/18/2011 9:00	0			
6/18/2011 10:00	0			
6/18/2011 11:00	0			
6/18/2011 12:00	0			
6/18/2011 13:00	0			
6/18/2011 14:00	0			
6/18/2011 15:00	0			
6/18/2011 16:00	0			
6/18/2011 17:00	0			
6/18/2011 18:00	0			
6/18/2011 19:00	0			
6/18/2011 20:00	0			
6/18/2011 21:00	0			
6/18/2011 22:00	0			
6/18/2011 23:00	0			
6/19/2011 0:00	0			
6/19/2011 1:00	0			
6/19/2011 2:00	0			
6/19/2011 3:00	0			
6/19/2011 4:00	0			
6/19/2011 5:00	0			
6/19/2011 6:00	0			
6/19/2011 7:00	0			
6/19/2011 8:00	0			
6/19/2011 9:00	0			
6/19/2011 10:00	0			
6/19/2011 11:00	0			
6/19/2011 12:00	0			
6/19/2011 13:00	0			
6/19/2011 14:00	0			
6/19/2011 15:00	0			
6/19/2011 16:00	0			
6/19/2011 17:00	0			
6/19/2011 18:00	0			
6/19/2011 19:00	0			
6/19/2011 20:00	0			
6/19/2011 21:00	0			
6/19/2011 22:00	0			
6/19/2011 23:00	0			
6/20/2011 0:00	0			
6/20/2011 1:00	0			
6/20/2011 2:00	0			
6/20/2011 3:00	0			
6/20/2011 4:00	0			
6/20/2011 5:00	0			
6/20/2011 6:00	0			
6/20/2011 7:00	0			
6/20/2011 8:00	0			
6/20/2011 9:00	0			
6/20/2011 10:00	0			
6/20/2011 11:00	0			
6/20/2011 12:00	0			
6/20/2011 13:00	0			
6/20/2011 14:00	0			
6/20/2011 15:00	0			
6/20/2011 16:00	0			

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
6/20/2011 17:00	0			
6/20/2011 18:00	0			
6/20/2011 19:00	0			
6/20/2011 20:00	0			
6/20/2011 21:00	0			
6/20/2011 22:00	0			
6/20/2011 23:00	0			
6/21/2011 0:00	0			
6/21/2011 1:00	0			
6/21/2011 2:00	0			
6/21/2011 3:00	0			
6/21/2011 4:00	0			
6/21/2011 5:00	0			
6/21/2011 6:00	0			
6/21/2011 7:00	0			
6/21/2011 8:00	0			
6/21/2011 9:00	0			
6/21/2011 10:00	0			
6/21/2011 11:00	0			
6/21/2011 12:00	0			
6/21/2011 13:00	0			
6/21/2011 14:00	0			
6/21/2011 15:00	0			
6/21/2011 16:00	0			
6/21/2011 17:00	0			
6/21/2011 18:00	0			
6/21/2011 19:00	0			
6/21/2011 20:00	0			
6/21/2011 21:00	0			
6/21/2011 22:00	0			
6/21/2011 23:00	0			
6/22/2011 0:00	0			
6/22/2011 1:00	0			
6/22/2011 2:00	26100		rain	
6/22/2011 3:00	21800			
6/22/2011 4:00	113700			
6/22/2011 5:00	193300			
6/22/2011 6:00	210200			
6/22/2011 7:00	172100			
6/22/2011 8:00	2200			
6/22/2011 9:00	1000			
6/22/2011 10:00	122500			
6/22/2011 11:00	192100			
6/22/2011 12:00	162000			
6/22/2011 13:00	29200			
6/22/2011 14:00	11700			
6/22/2011 15:00	1400			
6/22/2011 16:00	0			
6/22/2011 17:00	0			
6/22/2011 18:00	0			
6/22/2011 19:00	0			
6/22/2011 20:00	0			
6/22/2011 21:00	0			
6/22/2011 22:00	0			
6/22/2011 23:00	0			
6/23/2011 0:00	0			
6/23/2011 1:00	0			
6/23/2011 2:00	0			
6/23/2011 3:00	153300			
6/23/2011 4:00	60100			
6/23/2011 5:00	31100			
6/23/2011 6:00	9100			
6/23/2011 7:00	1300			

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
6/23/2011 8:00	0			
6/23/2011 9:00	0			
6/23/2011 10:00	0			
6/23/2011 11:00	0			
6/23/2011 12:00	0			
6/23/2011 13:00	0			
6/23/2011 14:00	0			
6/23/2011 15:00	0			
6/23/2011 16:00	0			
6/23/2011 17:00	107000			
6/23/2011 18:00	191100			
6/23/2011 19:00	199400			
6/23/2011 20:00	183900			
6/23/2011 21:00	25800			
6/23/2011 22:00	400			
6/23/2011 23:00	0			
6/24/2011 0:00	0			light rain
6/24/2011 1:00	0			
6/24/2011 2:00	0			
6/24/2011 3:00	0			
6/24/2011 4:00	0			
6/24/2011 5:00	0			
6/24/2011 6:00	0			
6/24/2011 7:00	0			
6/24/2011 8:00	0			
6/24/2011 9:00	1600			
6/24/2011 10:00	10500			
6/24/2011 11:00	44400			
6/24/2011 12:00	18400			
6/24/2011 13:00	11100			
6/24/2011 14:00	900			
6/24/2011 15:00	0			
6/24/2011 16:00	0			
6/24/2011 17:00	0			
6/24/2011 18:00	0			
6/24/2011 19:00	0			
6/24/2011 20:00	0			
6/24/2011 21:00	12500			
6/24/2011 22:00	115400			
6/24/2011 23:00	130900			
6/25/2011 0:00	16500			
6/25/2011 1:00	7400			
6/25/2011 2:00	3500			
6/25/2011 3:00	1400			
6/25/2011 4:00	300	1		
6/25/2011 5:00	0			
6/25/2011 6:00	0			
6/25/2011 7:00	0			
6/25/2011 8:00	0			
6/25/2011 9:00	0			
6/25/2011 10:00	0			
6/25/2011 11:00	0			
6/25/2011 12:00	0			
6/25/2011 13:00	0			
6/25/2011 14:00	0			
6/25/2011 15:00	0			
6/25/2011 16:00	0			
6/25/2011 17:00	0			
6/25/2011 18:00	0			
6/25/2011 19:00	0			
6/25/2011 20:00	0			
6/25/2011 21:00	0			
6/25/2011 22:00	0			

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
6/25/2011 23:00	0			
6/26/2011 0:00	0			
6/26/2011 1:00	0			
6/26/2011 2:00	0			
6/26/2011 3:00	0			
6/26/2011 4:00	0			
6/26/2011 5:00	0			
6/26/2011 6:00	0			
6/26/2011 7:00	0			
6/26/2011 8:00	0			
6/26/2011 9:00	0			
6/26/2011 10:00	0			
6/26/2011 11:00	0			
6/26/2011 12:00	0			
6/26/2011 13:00	0			
6/26/2011 14:00	0			
6/26/2011 15:00	0			
6/26/2011 16:00	0			
6/26/2011 17:00	0			
6/26/2011 18:00	0			
6/26/2011 19:00	0			
6/26/2011 20:00	0			
6/26/2011 21:00	0			
6/26/2011 22:00	0			
6/26/2011 23:00	0			
6/27/2011 0:00	0			
6/27/2011 1:00	0			
6/27/2011 2:00	0			
6/27/2011 3:00	0			
6/27/2011 4:00	0			
6/27/2011 5:00	0			
6/27/2011 6:00	0			
6/27/2011 7:00	0			
6/27/2011 8:00	0			
6/27/2011 9:00	0			
6/27/2011 10:00	0			
6/27/2011 11:00	0			
6/27/2011 12:00	0			
6/27/2011 13:00	0			
6/27/2011 14:00	0			
6/27/2011 15:00	0			
6/27/2011 16:00	0			
6/27/2011 17:00	0			
6/27/2011 18:00	0			
6/27/2011 19:00	0			
6/27/2011 20:00	0			
6/27/2011 21:00	0			
6/27/2011 22:00	0			
6/27/2011 23:00	0			
6/28/2011 0:00	0			
6/28/2011 1:00	0			
6/28/2011 2:00	0			
6/28/2011 3:00	0			
6/28/2011 4:00	0			
6/28/2011 5:00	0			
6/28/2011 6:00	0			
6/28/2011 7:00	0			
6/28/2011 8:00	0			
6/28/2011 9:00	0			
6/28/2011 10:00	0			
6/28/2011 11:00	0			
6/28/2011 12:00	0			
6/28/2011 13:00	0			

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
6/28/2011 14:00	0			
6/28/2011 15:00	0			
6/28/2011 16:00	0			
6/28/2011 17:00	0			
6/28/2011 18:00	0			
6/28/2011 19:00	0			
6/28/2011 20:00	0			
6/28/2011 21:00	0			
6/28/2011 22:00	0			
6/28/2011 23:00	0			
6/29/2011 0:00	0			
6/29/2011 1:00	0			
6/29/2011 2:00	0			
6/29/2011 3:00	0			
6/29/2011 4:00	0			
6/29/2011 5:00	0			
6/29/2011 6:00	0			
6/29/2011 7:00	0			
6/29/2011 8:00	0			
6/29/2011 9:00	0			
6/29/2011 10:00	0			
6/29/2011 11:00	0			
6/29/2011 12:00	0			
6/29/2011 13:00	0			
6/29/2011 14:00	0			
6/29/2011 15:00	0			
6/29/2011 16:00	0			
6/29/2011 17:00	0			
6/29/2011 18:00	0			
6/29/2011 19:00	0			
6/29/2011 20:00	0			
6/29/2011 21:00	0			
6/29/2011 22:00	0			
6/29/2011 23:00	0			
6/30/2011 0:00	0			
6/30/2011 1:00	0			
6/30/2011 2:00	0			
6/30/2011 3:00	0			
6/30/2011 4:00	0			
6/30/2011 5:00	0			
6/30/2011 6:00	0			
6/30/2011 7:00	0			
6/30/2011 8:00	0			
6/30/2011 9:00	0			
6/30/2011 10:00	0			
6/30/2011 11:00	0			
6/30/2011 12:00	0			
6/30/2011 13:00	0			
6/30/2011 14:00	0			
6/30/2011 15:00	0			
6/30/2011 16:00	0			
6/30/2011 17:00	0			
6/30/2011 18:00	0			
6/30/2011 19:00	0			
6/30/2011 20:00	0			
6/30/2011 21:00	0			
6/30/2011 22:00	0			
6/30/2011 23:00	0			
7/1/2011 0:00	0			
7/1/2011 1:00	0			
7/1/2011 2:00	0			
7/1/2011 3:00	0			
7/1/2011 4:00	0			

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
7/1/2011 5:00	0			
7/1/2011 6:00	0			
7/1/2011 7:00	0			
7/1/2011 8:00	0			
7/1/2011 9:00	0			
7/1/2011 10:00	0			
7/1/2011 11:00	0			
7/1/2011 12:00	0			
7/1/2011 13:00	0			
7/1/2011 14:00	0			
7/1/2011 15:00	0			
7/1/2011 16:00	0			
7/1/2011 17:00	0			
7/1/2011 18:00	0			
7/1/2011 19:00	0			
7/1/2011 20:00	0			
7/1/2011 21:00	0			
7/1/2011 22:00	0			
7/1/2011 23:00	0			
7/2/2011 0:00	0			
7/2/2011 1:00	0			
7/2/2011 2:00	0			
7/2/2011 3:00	0			
7/2/2011 4:00	0			
7/2/2011 5:00	0			
7/2/2011 6:00	0			
7/2/2011 7:00	0			
7/2/2011 8:00	0			
7/2/2011 9:00	0			
7/2/2011 10:00	0			
7/2/2011 11:00	0			
7/2/2011 12:00	0			
7/2/2011 13:00	0			
7/2/2011 14:00	0			
7/2/2011 15:00	0			
7/2/2011 16:00	0			
7/2/2011 17:00	0			
7/2/2011 18:00	0			
7/2/2011 19:00	0			
7/2/2011 20:00	0			
7/2/2011 21:00	0			
7/2/2011 22:00	0			
7/2/2011 23:00	0			
7/3/2011 0:00	0			
7/3/2011 1:00	0			
7/3/2011 2:00	0			
7/3/2011 3:00	0			
7/3/2011 4:00	0			
7/3/2011 5:00	0			
7/3/2011 6:00	0			
7/3/2011 7:00	0			
7/3/2011 8:00	0			
7/3/2011 9:00	0			
7/3/2011 10:00	0			
7/3/2011 11:00	0			
7/3/2011 12:00	0			
7/3/2011 13:00	0			
7/3/2011 14:00	0			
7/3/2011 15:00	0			
7/3/2011 16:00	0			
7/3/2011 17:00	0			
7/3/2011 18:00	0			
7/3/2011 19:00	0			

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
7/3/2011 20:00	0			
7/3/2011 21:00	0			
7/3/2011 22:00	0			
7/3/2011 23:00	0			
7/4/2011 0:00	0			
7/4/2011 1:00	0			
7/4/2011 2:00	0			
7/4/2011 3:00	0			
7/4/2011 4:00	0			
7/4/2011 5:00	0			
7/4/2011 6:00	0			
7/4/2011 7:00	0			
7/4/2011 8:00	0			
7/4/2011 9:00	0			
7/4/2011 10:00	0			
7/4/2011 11:00	0			
7/4/2011 12:00	0			
7/4/2011 13:00	0			
7/4/2011 14:00	0			
7/4/2011 15:00	0			
7/4/2011 16:00	0			
7/4/2011 17:00	0			
7/4/2011 18:00	0			
7/4/2011 19:00	0			
7/4/2011 20:00	0			
7/4/2011 21:00	0			
7/4/2011 22:00	0			
7/4/2011 23:00	0			
7/5/2011 0:00	0			
7/5/2011 1:00	0			
7/5/2011 2:00	0			
7/5/2011 3:00	0			
7/5/2011 4:00	0			
7/5/2011 5:00	0			
7/5/2011 6:00	0			
7/5/2011 7:00	0			
7/5/2011 8:00	0			
7/5/2011 9:00	0			
7/5/2011 10:00	0			
7/5/2011 11:00	0			
7/5/2011 12:00	0			
7/5/2011 13:00	0			
7/5/2011 14:00	0			
7/5/2011 15:00	0			
7/5/2011 16:00	0			
7/5/2011 17:00	0			
7/5/2011 18:00	0			
7/5/2011 19:00	0			
7/5/2011 20:00	0			
7/5/2011 21:00	0			
7/5/2011 22:00	0			
7/5/2011 23:00	0			
7/6/2011 0:00	0			
7/6/2011 1:00	0			
7/6/2011 2:00	0			
7/6/2011 3:00	0			
7/6/2011 4:00	0			
7/6/2011 5:00	0			
7/6/2011 6:00	0			
7/6/2011 7:00	0			
7/6/2011 8:00	0			
7/6/2011 9:00	0			
7/6/2011 10:00	0			

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
7/6/2011 11:00	0			
7/6/2011 12:00	0			
7/6/2011 13:00	0			
7/6/2011 14:00	0			
7/6/2011 15:00	0			
7/6/2011 16:00	0			
7/6/2011 17:00	0			
7/6/2011 18:00	0			
7/6/2011 19:00	0			
7/6/2011 20:00	0			
7/6/2011 21:00	0			
7/6/2011 22:00	0			
7/6/2011 23:00	0			
7/7/2011 0:00	0			
7/7/2011 1:00	0			
7/7/2011 2:00	0			
7/7/2011 3:00	0			
7/7/2011 4:00	0			
7/7/2011 5:00	0			
7/7/2011 6:00	0			
7/7/2011 7:00	0			
7/7/2011 8:00	0			
7/7/2011 9:00	0			
7/7/2011 10:00	0			
7/7/2011 11:00	0			
7/7/2011 12:00	0			
7/7/2011 13:00	0			
7/7/2011 14:00	0			
7/7/2011 15:00	0			
7/7/2011 16:00	0			
7/7/2011 17:00	0			
7/7/2011 18:00	0			
7/7/2011 19:00	0			
7/7/2011 20:00	0			
7/7/2011 21:00	0			
7/7/2011 22:00	0			
7/7/2011 23:00	0			
7/8/2011 0:00	0			
7/8/2011 1:00	0			
7/8/2011 2:00	0			
7/8/2011 3:00	0			
7/8/2011 4:00	0			
7/8/2011 5:00	0			
7/8/2011 6:00	0			
7/8/2011 7:00	0			
7/8/2011 8:00	0			
7/8/2011 9:00	0			
7/8/2011 10:00	0			
7/8/2011 11:00	0			
7/8/2011 12:00	0			
7/8/2011 13:00	0			
7/8/2011 14:00	0			
7/8/2011 15:00	0			
7/8/2011 16:00	0			
7/8/2011 17:00	0			
7/8/2011 18:00	0			
7/8/2011 19:00	0			
7/8/2011 20:00	0			
7/8/2011 21:00	0			
7/8/2011 22:00	0			
7/8/2011 23:00	0			
7/9/2011 0:00	0			
7/9/2011 1:00	0			

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
7/9/2011 2:00	0			
7/9/2011 3:00	0			
7/9/2011 4:00	0			
7/9/2011 5:00	0			
7/9/2011 6:00	0			
7/9/2011 7:00	0			
7/9/2011 8:00	0			
7/9/2011 9:00	0			
7/9/2011 10:00	0			
7/9/2011 11:00	0			
7/9/2011 12:00	0			
7/9/2011 13:00	0			
7/9/2011 14:00	0			
7/9/2011 15:00	0			
7/9/2011 16:00	0			
7/9/2011 17:00	0			
7/9/2011 18:00	0			
7/9/2011 19:00	0			
7/9/2011 20:00	0			
7/9/2011 21:00	0			
7/9/2011 22:00	0			
7/9/2011 23:00	0			
7/10/2011 0:00	0			
7/10/2011 1:00	0			
7/10/2011 2:00	0			
7/10/2011 3:00	0			
7/10/2011 4:00	0			
7/10/2011 5:00	0			
7/10/2011 6:00	0			
7/10/2011 7:00	0			
7/10/2011 8:00	0			
7/10/2011 9:00	0			
7/10/2011 10:00	0			
7/10/2011 11:00	0			
7/10/2011 12:00	0			
7/10/2011 13:00	0			
7/10/2011 14:00	0			
7/10/2011 15:00	0			
7/10/2011 16:00	0			
7/10/2011 17:00	0			
7/10/2011 18:00	0			
7/10/2011 19:00	0			
7/10/2011 20:00	0			
7/10/2011 21:00	0			
7/10/2011 22:00	0			
7/10/2011 23:00	0			
7/11/2011 0:00	0			
7/11/2011 1:00	0			
7/11/2011 2:00	0			
7/11/2011 3:00	0			
7/11/2011 4:00	0			
7/11/2011 5:00	0			
7/11/2011 6:00	0			
7/11/2011 7:00	0			
7/11/2011 8:00	0			
7/11/2011 9:00	0			
7/11/2011 10:00	0			
7/11/2011 11:00	0			
7/11/2011 12:00	100			no precip
7/11/2011 13:00	0			
7/11/2011 14:00	0			
7/11/2011 15:00	0			
7/11/2011 16:00	100			

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
7/11/2011 17:00	300			
7/11/2011 18:00	100			
7/11/2011 19:00	0			
7/11/2011 20:00	300			
7/11/2011 21:00	300			
7/11/2011 22:00	500			
7/11/2011 23:00	800			
7/12/2011 0:00	1000			no precip
7/12/2011 1:00	1200			
7/12/2011 2:00	1200			
7/12/2011 3:00	1000			
7/12/2011 4:00	1100			
7/12/2011 5:00	900			
7/12/2011 6:00	1200			
7/12/2011 7:00	1100			
7/12/2011 8:00	600			
7/12/2011 9:00	100			
7/12/2011 10:00	100			
7/12/2011 11:00	0			
7/12/2011 12:00	0			
7/12/2011 13:00	0			
7/12/2011 14:00	0			
7/12/2011 15:00	0			
7/12/2011 16:00	0			
7/12/2011 17:00	0			
7/12/2011 18:00	0			
7/12/2011 19:00	0			
7/12/2011 20:00	0			
7/12/2011 21:00	0			
7/12/2011 22:00	100			
7/12/2011 23:00	200			
7/13/2011 0:00	200			no precip
7/13/2011 1:00	600			
7/13/2011 2:00	500			
7/13/2011 3:00	500			
7/13/2011 4:00	500			
7/13/2011 5:00	400			
7/13/2011 6:00	500			
7/13/2011 7:00	600			
7/13/2011 8:00	500			
7/13/2011 9:00	0			
7/13/2011 10:00	100			
7/13/2011 11:00	0			
7/13/2011 12:00	0			
7/13/2011 13:00	0			
7/13/2011 14:00	0			
7/13/2011 15:00	0			
7/13/2011 16:00	0			
7/13/2011 17:00	0			
7/13/2011 18:00	0			
7/13/2011 19:00	0			
7/13/2011 20:00	0			
7/13/2011 21:00	0			
7/13/2011 22:00	0			
7/13/2011 23:00	100			no precip
7/14/2011 0:00	200			
7/14/2011 1:00	200			
7/14/2011 2:00	400			
7/14/2011 3:00	300			
7/14/2011 4:00	300			
7/14/2011 5:00	300			
7/14/2011 6:00	200			
7/14/2011 7:00	600			

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
7/14/2011 8:00	800			
7/14/2011 9:00	100			
7/14/2011 10:00	300			
7/14/2011 11:00	0			
7/14/2011 12:00	0			
7/14/2011 13:00	0			
7/14/2011 14:00	200	1		
7/14/2011 15:00	0			
7/14/2011 16:00	0			
7/14/2011 17:00	0			
7/14/2011 18:00	0			
7/14/2011 19:00	0			
7/14/2011 20:00	0			
7/14/2011 21:00	0			
7/14/2011 22:00	0			
7/14/2011 23:00	0			
7/15/2011 0:00	0			
7/15/2011 1:00	0			
7/15/2011 2:00	0			
7/15/2011 3:00	0			
7/15/2011 4:00	0			
7/15/2011 5:00	0			
7/15/2011 6:00	0			
7/15/2011 7:00	0			
7/15/2011 8:00	0			
7/15/2011 9:00	0			
7/15/2011 10:00	0			
7/15/2011 11:00	0			
7/15/2011 12:00	0			
7/15/2011 13:00	0			
7/15/2011 14:00	0			
7/15/2011 15:00	0			
7/15/2011 16:00	0			
7/15/2011 17:00	0			
7/15/2011 18:00	0			
7/15/2011 19:00	0			
7/15/2011 20:00	0			
7/15/2011 21:00	0			
7/15/2011 22:00	0			
7/15/2011 23:00	0			
7/16/2011 0:00	0			
7/16/2011 1:00	0			
7/16/2011 2:00	0			
7/16/2011 3:00	0			
7/16/2011 4:00	0			
7/16/2011 5:00	0			
7/16/2011 6:00	0			
7/16/2011 7:00	0			
7/16/2011 8:00	0			
7/16/2011 9:00	0			
7/16/2011 10:00	0			
7/16/2011 11:00	0			
7/16/2011 12:00	0			
7/16/2011 13:00	0			
7/16/2011 14:00	0			
7/16/2011 15:00	0			
7/16/2011 16:00	0			
7/16/2011 17:00	0			
7/16/2011 18:00	0			
7/16/2011 19:00	0			
7/16/2011 20:00	0			
7/16/2011 21:00	0			
7/16/2011 22:00	0			

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
7/16/2011 23:00	0			
7/17/2011 0:00	0			
7/17/2011 1:00	0			
7/17/2011 2:00	0			
7/17/2011 3:00	0			
7/17/2011 4:00	0			
7/17/2011 5:00	0			
7/17/2011 6:00	0			
7/17/2011 7:00	0			
7/17/2011 8:00	0			
7/17/2011 9:00	0			
7/17/2011 10:00	0			
7/17/2011 11:00	0			
7/17/2011 12:00	0			
7/17/2011 13:00	0			
7/17/2011 14:00	0			
7/17/2011 15:00	0			
7/17/2011 16:00	0			
7/17/2011 17:00	0			
7/17/2011 18:00	0			
7/17/2011 19:00	0			
7/17/2011 20:00	0			
7/17/2011 21:00	0			
7/17/2011 22:00	0			
7/17/2011 23:00	0			
7/18/2011 0:00	0			
7/18/2011 1:00	0			
7/18/2011 2:00	0			
7/18/2011 3:00	0			
7/18/2011 4:00	0			
7/18/2011 5:00	0			
7/18/2011 6:00	0			
7/18/2011 7:00	0			
7/18/2011 8:00	0			
7/18/2011 9:00	33000			no precip
7/18/2011 10:00	6900			erroneous data
7/18/2011 11:00	0			
7/18/2011 12:00	0			
7/18/2011 13:00	0			
7/18/2011 14:00	0			
7/18/2011 15:00	0			
7/18/2011 16:00	0			
7/18/2011 17:00	0			
7/18/2011 18:00	0			
7/18/2011 19:00	0			
7/18/2011 20:00	0			
7/18/2011 21:00	0			
7/18/2011 22:00	0			
7/18/2011 23:00	0			
7/19/2011 0:00	0			
7/19/2011 1:00	0			
7/19/2011 2:00	0			
7/19/2011 3:00	0			
7/19/2011 4:00	0			
7/19/2011 5:00	0			
7/19/2011 6:00	0			
7/19/2011 7:00	0			
7/19/2011 8:00	0			
7/19/2011 9:00	0			
7/19/2011 10:00	0			
7/19/2011 11:00	0			
7/19/2011 12:00	0			
7/19/2011 13:00	0			

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
7/19/2011 14:00	0			
7/19/2011 15:00	0			
7/19/2011 16:00	0			
7/19/2011 17:00	0			
7/19/2011 18:00	0			
7/19/2011 19:00	0			
7/19/2011 20:00	0			
7/19/2011 21:00	0			
7/19/2011 22:00	0			
7/19/2011 23:00	0			
7/20/2011 0:00	0			
7/20/2011 1:00	0			
7/20/2011 2:00	0			
7/20/2011 3:00	0			
7/20/2011 4:00	0			
7/20/2011 5:00	0			
7/20/2011 6:00	0			
7/20/2011 7:00	0			
7/20/2011 8:00	0			
7/20/2011 9:00	0			
7/20/2011 10:00	0			
7/20/2011 11:00	0			
7/20/2011 12:00	0			
7/20/2011 13:00	0			
7/20/2011 14:00	0			
7/20/2011 15:00	0			
7/20/2011 16:00	0			
7/20/2011 17:00	0			
7/20/2011 18:00	0			
7/20/2011 19:00	0			
7/20/2011 20:00	0			
7/20/2011 21:00	0			
7/20/2011 22:00	0			
7/20/2011 23:00	0			
7/21/2011 0:00	0			
7/21/2011 1:00	0			
7/21/2011 2:00	0			
7/21/2011 3:00	0			
7/21/2011 4:00	0			
7/21/2011 5:00	0			
7/21/2011 6:00	0			
7/21/2011 7:00	0			
7/21/2011 8:00	0			
7/21/2011 9:00	0			
7/21/2011 10:00	0			
7/21/2011 11:00	0			
7/21/2011 12:00	0			
7/21/2011 13:00	0			
7/21/2011 14:00	0			
7/21/2011 15:00	0			
7/21/2011 16:00	0			
7/21/2011 17:00	0			
7/21/2011 18:00	0			
7/21/2011 19:00	0			
7/21/2011 20:00	0			
7/21/2011 21:00	0			
7/21/2011 22:00	0			
7/21/2011 23:00	0			
7/22/2011 0:00	0			
7/22/2011 1:00	0			
7/22/2011 2:00	0			
7/22/2011 3:00	0			
7/22/2011 4:00	0			

Outfall D002 Storm Water Flow Data
GMCH Lockport Facility

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
7/22/2011 5:00	0			
7/22/2011 6:00	0			
7/22/2011 7:00	0			
7/22/2011 8:00	0			
7/22/2011 9:00	0			
7/22/2011 10:00	0			
7/22/2011 11:00	0			
7/22/2011 12:00	0			
7/22/2011 13:00	0			
7/22/2011 14:00	0			
7/22/2011 15:00	0			
7/22/2011 16:00	0			
7/22/2011 17:00	0			
7/22/2011 18:00	0			
7/22/2011 19:00	0			
7/22/2011 20:00	0			
7/22/2011 21:00	0			
7/22/2011 22:00	0			
7/22/2011 23:00	0			
7/23/2011 0:00	0			
7/23/2011 1:00	0			
7/23/2011 2:00	0			
7/23/2011 3:00	0			
7/23/2011 4:00	0			
7/23/2011 5:00	0			
7/23/2011 6:00	0			
7/23/2011 7:00	0			
7/23/2011 8:00	0			
7/23/2011 9:00	0			
7/23/2011 10:00	0			
7/23/2011 11:00	0			
7/23/2011 12:00	0			
7/23/2011 13:00	0			
7/23/2011 14:00	0			
7/23/2011 15:00	0			
7/23/2011 16:00	0			
7/23/2011 17:00	0			
7/23/2011 18:00	0			
7/23/2011 19:00	0			
7/23/2011 20:00	0			
7/23/2011 21:00	0			
7/23/2011 22:00	0			
7/23/2011 23:00	0			
7/24/2011 0:00	0			
7/24/2011 1:00	0			
7/24/2011 2:00	0			
7/24/2011 3:00	0			
7/24/2011 4:00	0			
7/24/2011 5:00	2100	1		heavy rain
7/24/2011 6:00	0			
7/24/2011 7:00	0			
7/24/2011 8:00	0			
7/24/2011 9:00	0			
7/24/2011 10:00	0			
7/24/2011 11:00	0			
7/24/2011 12:00	0			
7/24/2011 13:00	0			
7/24/2011 14:00	0			
7/24/2011 15:00	0			
7/24/2011 16:00	0			
7/24/2011 17:00	0			
7/24/2011 18:00	0			
7/24/2011 19:00	0			

Outfall D002 Storm Water Flow Data
GMCH Lockport Facility

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
7/24/2011 20:00	0			
7/24/2011 21:00	0			
7/24/2011 22:00	0			
7/24/2011 23:00	0			
7/25/2011 0:00	0			
7/25/2011 1:00	0			
7/25/2011 2:00	0			
7/25/2011 3:00	0			
7/25/2011 4:00	0			
7/25/2011 5:00	0			
7/25/2011 6:00	0			
7/25/2011 7:00	0			
7/25/2011 8:00	0			
7/25/2011 9:00	71400			rain
7/25/2011 10:00	44100			
7/25/2011 11:00	1700	1		
7/25/2011 12:00	0			
7/25/2011 13:00	0			
7/25/2011 14:00	0			
7/25/2011 15:00	0			
7/25/2011 16:00	0			
7/25/2011 17:00	0			
7/25/2011 18:00	0			
7/25/2011 19:00	0			
7/25/2011 20:00	0			
7/25/2011 21:00	0			
7/25/2011 22:00	0			
7/25/2011 23:00	0			
7/26/2011 0:00	0			
7/26/2011 1:00	0			
7/26/2011 2:00	0			
7/26/2011 3:00	0			
7/26/2011 4:00	0			
7/26/2011 5:00	0			
7/26/2011 6:00	0			
7/26/2011 7:00	0			
7/26/2011 8:00	0			
7/26/2011 9:00	0			
7/26/2011 10:00	0			
7/26/2011 11:00	0			
7/26/2011 12:00	0			
7/26/2011 13:00	0			
7/26/2011 14:00	0			
7/26/2011 15:00	0			
7/26/2011 16:00	0			
7/26/2011 17:00	0			
7/26/2011 18:00	0			
7/26/2011 19:00	0			
7/26/2011 20:00	0			
7/26/2011 21:00	0			
7/26/2011 22:00	0			
7/26/2011 23:00	0			
7/27/2011 0:00	0			
7/27/2011 1:00	0			
7/27/2011 2:00	0			
7/27/2011 3:00	0			
7/27/2011 4:00	0			
7/27/2011 5:00	0			
7/27/2011 6:00	0			
7/27/2011 7:00	0			
7/27/2011 8:00	0			
7/27/2011 9:00	0			
7/27/2011 10:00	0			

Outfall D002 Storm Water Flow Data
GMCH Lockport Facility

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
7/27/2011 11:00	0			
7/27/2011 12:00	0			
7/27/2011 13:00	0			
7/27/2011 14:00	0			
7/27/2011 15:00	0			
7/27/2011 16:00	0			
7/27/2011 17:00	0			
7/27/2011 18:00	0			
7/27/2011 19:00	0			
7/27/2011 20:00	0			
7/27/2011 21:00	0			
7/27/2011 22:00	0			
7/27/2011 23:00	0			
7/28/2011 0:00	0			
7/28/2011 1:00	0			
7/28/2011 2:00	0			
7/28/2011 3:00	0			
7/28/2011 4:00	0			
7/28/2011 5:00	0			
7/28/2011 6:00	0			
7/28/2011 7:00	0			
7/28/2011 8:00	0			
7/28/2011 9:00	0			
7/28/2011 10:00	0			
7/28/2011 11:00	0			
7/28/2011 12:00	0			
7/28/2011 13:00	0			
7/28/2011 14:00	0			
7/28/2011 15:00	0			
7/28/2011 16:00	0			
7/28/2011 17:00	0			
7/28/2011 18:00	0			
7/28/2011 19:00	0			
7/28/2011 20:00	0			
7/28/2011 21:00	0			
7/28/2011 22:00	0			
7/28/2011 23:00	0			
7/29/2011 0:00	0			
7/29/2011 1:00	0			
7/29/2011 2:00	0			
7/29/2011 3:00	0			
7/29/2011 4:00	0			
7/29/2011 5:00	0			
7/29/2011 6:00	0			
7/29/2011 7:00	0			
7/29/2011 8:00	23800			rain
7/29/2011 9:00	20000			
7/29/2011 10:00	146200			
7/29/2011 11:00	187500			
7/29/2011 12:00	204800			
7/29/2011 13:00	193900			
7/29/2011 14:00	196700			
7/29/2011 15:00	207700			
7/29/2011 16:00	207800			
7/29/2011 17:00	123700	1		
7/29/2011 18:00	0			
7/29/2011 19:00	0			
7/29/2011 20:00	0			
7/29/2011 21:00	0			
7/29/2011 22:00	0			
7/29/2011 23:00	0			
7/30/2011 0:00	0			
7/30/2011 1:00	0			

Outfall D002 Storm Water Flow Data
GMCH Lockport Facility

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
7/30/2011 2:00	0			
7/30/2011 3:00	0			
7/30/2011 4:00	0			
7/30/2011 5:00	0			
7/30/2011 6:00	0			
7/30/2011 7:00	0			
7/30/2011 8:00	0			
7/30/2011 9:00	0			
7/30/2011 10:00	0			
7/30/2011 11:00	0			
7/30/2011 12:00	0			
7/30/2011 13:00	0			
7/30/2011 14:00	0			
7/30/2011 15:00	0			
7/30/2011 16:00	0			
7/30/2011 17:00	0			
7/30/2011 18:00	0			
7/30/2011 19:00	0			
7/30/2011 20:00	0			
7/30/2011 21:00	0			
7/30/2011 22:00	0			
7/30/2011 23:00	0			
7/31/2011 0:00	0			
7/31/2011 1:00	0			
7/31/2011 2:00	0			
7/31/2011 3:00	0			
7/31/2011 4:00	0			
7/31/2011 5:00	0			
7/31/2011 6:00	0			
7/31/2011 7:00	0			
7/31/2011 8:00	0			
7/31/2011 9:00	0			
7/31/2011 10:00	0			
7/31/2011 11:00	0			
7/31/2011 12:00	0			
7/31/2011 13:00	0			
7/31/2011 14:00	0			
7/31/2011 15:00	0			
7/31/2011 16:00	0			
7/31/2011 17:00	0			
7/31/2011 18:00	0			
7/31/2011 19:00	0			
7/31/2011 20:00	0			
7/31/2011 21:00	0			
7/31/2011 22:00	0			
7/31/2011 23:00	0			
8/1/2011 0:00	0			
8/1/2011 1:00	0			
8/1/2011 2:00	0			
8/1/2011 3:00	0			
8/1/2011 4:00	0			
8/1/2011 5:00	4600			no precip
8/1/2011 6:00	0			erroneous data
8/1/2011 7:00	0			
8/1/2011 8:00	0			
8/1/2011 9:00	0			
8/1/2011 10:00	0			
8/1/2011 11:00	0			
8/1/2011 12:00	0			
8/1/2011 13:00	0			
8/1/2011 14:00	0			
8/1/2011 15:00	0			
8/1/2011 16:00	0			

Outfall D002 Storm Water Flow Data
GMCH Lockport Facility

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
8/1/2011 17:00	0			
8/1/2011 18:00	0			
8/1/2011 19:00	0			
8/1/2011 20:00	0			
8/1/2011 21:00	0			
8/1/2011 22:00	0			
8/1/2011 23:00	0			
8/2/2011 0:00	0			
8/2/2011 1:00	0			
8/2/2011 2:00	0			
8/2/2011 3:00	0			
8/2/2011 4:00	0			
8/2/2011 5:00	0			
8/2/2011 6:00	0			
8/2/2011 7:00	0			
8/2/2011 8:00	0			
8/2/2011 9:00	0			
8/2/2011 10:00	0			
8/2/2011 11:00	0			
8/2/2011 12:00	0			
8/2/2011 13:00	0			
8/2/2011 14:00	0			
8/2/2011 15:00	0			
8/2/2011 16:00	0			
8/2/2011 17:00	0			
8/2/2011 18:00	0			
8/2/2011 19:00	0			
8/2/2011 20:00	0			
8/2/2011 21:00	0			
8/2/2011 22:00	0			
8/2/2011 23:00	0			
8/3/2011 0:00	0			
8/3/2011 1:00	0			
8/3/2011 2:00	0			
8/3/2011 3:00	0			
8/3/2011 4:00	0			
8/3/2011 5:00	0			
8/3/2011 6:00	0			
8/3/2011 7:00	0			
8/3/2011 8:00	14500			light rain
8/3/2011 9:00	42900			
8/3/2011 10:00	29400			
8/3/2011 11:00	4200			
8/3/2011 12:00	0			
8/3/2011 13:00	0			
8/3/2011 14:00	0			
8/3/2011 15:00	0			
8/3/2011 16:00	0			
8/3/2011 17:00	34900			
8/3/2011 18:00	19200			
8/3/2011 19:00	9900			
8/3/2011 20:00	1200	1		
8/3/2011 21:00	0			
8/3/2011 22:00	0			
8/3/2011 23:00	0			
8/4/2011 0:00	0			
8/4/2011 1:00	0			
8/4/2011 2:00	0			
8/4/2011 3:00	0			
8/4/2011 4:00	0			
8/4/2011 5:00	0			
8/4/2011 6:00	0			
8/4/2011 7:00	0			

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
8/4/2011 8:00	0			
8/4/2011 9:00	0			
8/4/2011 10:00	0			
8/4/2011 11:00	0			
8/4/2011 12:00	0			
8/4/2011 13:00	0			
8/4/2011 14:00	0			
8/4/2011 15:00	0			
8/4/2011 16:00	0			
8/4/2011 17:00	0			
8/4/2011 18:00	0			
8/4/2011 19:00	0			
8/4/2011 20:00	0			
8/4/2011 21:00	0			
8/4/2011 22:00	0			
8/4/2011 23:00	0			
8/5/2011 0:00	0			
8/5/2011 1:00	0			
8/5/2011 2:00	0			
8/5/2011 3:00	0			
8/5/2011 4:00	0			
8/5/2011 5:00	0			
8/5/2011 6:00	0			
8/5/2011 7:00	0			
8/5/2011 8:00	0			
8/5/2011 9:00	0			
8/5/2011 10:00	0			
8/5/2011 11:00	0			
8/5/2011 12:00	0			
8/5/2011 13:00	0			
8/5/2011 14:00	0			
8/5/2011 15:00	0			
8/5/2011 16:00	0			
8/5/2011 17:00	0			
8/5/2011 18:00	0			
8/5/2011 19:00	0			
8/5/2011 20:00	0			
8/5/2011 21:00	0			
8/5/2011 22:00	0			
8/5/2011 23:00	0			
8/6/2011 0:00	0			
8/6/2011 1:00	0			
8/6/2011 2:00	0			
8/6/2011 3:00	0			
8/6/2011 4:00	0			
8/6/2011 5:00	0			
8/6/2011 6:00	0			
8/6/2011 7:00	0			
8/6/2011 8:00	0			
8/6/2011 9:00	0			
8/6/2011 10:00	0			
8/6/2011 11:00	0			
8/6/2011 12:00	0			
8/6/2011 13:00	0			
8/6/2011 14:00	0			
8/6/2011 15:00	0			
8/6/2011 16:00	0			
8/6/2011 17:00	0			
8/6/2011 18:00	0			
8/6/2011 19:00	0			
8/6/2011 20:00	0			
8/6/2011 21:00	0			
8/6/2011 22:00	0			

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
8/6/2011 23:00	0			
8/7/2011 0:00	0			
8/7/2011 1:00	0			
8/7/2011 2:00	0			
8/7/2011 3:00	0			
8/7/2011 4:00	0			
8/7/2011 5:00	0			
8/7/2011 6:00	0			
8/7/2011 7:00	0			
8/7/2011 8:00	0			
8/7/2011 9:00	0			
8/7/2011 10:00	0			
8/7/2011 11:00	0			
8/7/2011 12:00	0			
8/7/2011 13:00	0			
8/7/2011 14:00	0			
8/7/2011 15:00	0			
8/7/2011 16:00	0			
8/7/2011 17:00	0			
8/7/2011 18:00	0			
8/7/2011 19:00	0			
8/7/2011 20:00	0			
8/7/2011 21:00	0			
8/7/2011 22:00	0			
8/7/2011 23:00	0			
8/8/2011 0:00	0			
8/8/2011 1:00	0			
8/8/2011 2:00	0			
8/8/2011 3:00	0			
8/8/2011 4:00	0			
8/8/2011 5:00	0			
8/8/2011 6:00	0			
8/8/2011 7:00	0			
8/8/2011 8:00	0			
8/8/2011 9:00	0			
8/8/2011 10:00	0			
8/8/2011 11:00	0			
8/8/2011 12:00	0			
8/8/2011 13:00	0			
8/8/2011 14:00	0			
8/8/2011 15:00	0			
8/8/2011 16:00	0			
8/8/2011 17:00	0			
8/8/2011 18:00	0			
8/8/2011 19:00	0			
8/8/2011 20:00	0			
8/8/2011 21:00	0			
8/8/2011 22:00	0			
8/8/2011 23:00	0			
8/9/2011 0:00	0			
8/9/2011 1:00	0			
8/9/2011 2:00	0			
8/9/2011 3:00	0			
8/9/2011 4:00	0			
8/9/2011 5:00	0			
8/9/2011 6:00	0			
8/9/2011 7:00	0			
8/9/2011 8:00	0			
8/9/2011 9:00	0			
8/9/2011 10:00	0			
8/9/2011 11:00	7000			rain
8/9/2011 12:00	0			
8/9/2011 13:00	0			

Outfall D002 Storm Water Flow Data
GMCH Lockport Facility

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
8/9/2011 14:00	121000			
8/9/2011 15:00	53300			
8/9/2011 16:00	12000			
8/9/2011 17:00	0			
8/9/2011 18:00	0			
8/9/2011 19:00	0			
8/9/2011 20:00	0			
8/9/2011 21:00	0			
8/9/2011 22:00	0			
8/9/2011 23:00	0			
8/10/2011 0:00	0			
8/10/2011 1:00	0			
8/10/2011 2:00	0			
8/10/2011 3:00	114600			
8/10/2011 4:00	204100			
8/10/2011 5:00	30400			
8/10/2011 6:00	5200	1		
8/10/2011 7:00	0			
8/10/2011 8:00	0			
8/10/2011 9:00	0			
8/10/2011 10:00	0			
8/10/2011 11:00	0			
8/10/2011 12:00	0			
8/10/2011 13:00	0			
8/10/2011 14:00	0			
8/10/2011 15:00	0			
8/10/2011 16:00	0			
8/10/2011 17:00	0			
8/10/2011 18:00	0			
8/10/2011 19:00	0			
8/10/2011 20:00	0			
8/10/2011 21:00	0			
8/10/2011 22:00	0			
8/10/2011 23:00	0			
8/11/2011 0:00	0			
8/11/2011 1:00	0			
8/11/2011 2:00	0			
8/11/2011 3:00	0			
8/11/2011 4:00	0			
8/11/2011 5:00	0			
8/11/2011 6:00	0			
8/11/2011 7:00	0			
8/11/2011 8:00	0			
8/11/2011 9:00	0			
8/11/2011 10:00	0			
8/11/2011 11:00	0			
8/11/2011 12:00	0			
8/11/2011 13:00	0			
8/11/2011 14:00	0			
8/11/2011 15:00	0			
8/11/2011 16:00	0			
8/11/2011 17:00	0			
8/11/2011 18:00	0			
8/11/2011 19:00	0			
8/11/2011 20:00	0			
8/11/2011 21:00	0			
8/11/2011 22:00	0			
8/11/2011 23:00	0			
8/12/2011 0:00	0			
8/12/2011 1:00	0			
8/12/2011 2:00	0			
8/12/2011 3:00	0			
8/12/2011 4:00	0			

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
8/12/2011 5:00	0			
8/12/2011 6:00	0			
8/12/2011 7:00	0			
8/12/2011 8:00	0			
8/12/2011 9:00	0			
8/12/2011 10:00	0			
8/12/2011 11:00	0			
8/12/2011 12:00	0			
8/12/2011 13:00	0			
8/12/2011 14:00	0			
8/12/2011 15:00	0			
8/12/2011 16:00	0			
8/12/2011 17:00	0			
8/12/2011 18:00	0			
8/12/2011 19:00	0			
8/12/2011 20:00	0			
8/12/2011 21:00	0			
8/12/2011 22:00	0			
8/12/2011 23:00	0			
8/13/2011 0:00	0			
8/13/2011 1:00	0			
8/13/2011 2:00	0			
8/13/2011 3:00	0			
8/13/2011 4:00	0			
8/13/2011 5:00	0			
8/13/2011 6:00	0			
8/13/2011 7:00	0			
8/13/2011 8:00	0			
8/13/2011 9:00	0			
8/13/2011 10:00	0			
8/13/2011 11:00	0			
8/13/2011 12:00	0			
8/13/2011 13:00	0			
8/13/2011 14:00	0			
8/13/2011 15:00	0			
8/13/2011 16:00	0			
8/13/2011 17:00	0			
8/13/2011 18:00	0			
8/13/2011 19:00	0			
8/13/2011 20:00	0			
8/13/2011 21:00	0			
8/13/2011 22:00	0			
8/13/2011 23:00	0			
8/14/2011 0:00	0			
8/14/2011 1:00	0			
8/14/2011 2:00	0			
8/14/2011 3:00	0			
8/14/2011 4:00	0			
8/14/2011 5:00	0			
8/14/2011 6:00	0			
8/14/2011 7:00	0			
8/14/2011 8:00	0			
8/14/2011 9:00	0			
8/14/2011 10:00	0			
8/14/2011 11:00	0			
8/14/2011 12:00	0			
8/14/2011 13:00	0			
8/14/2011 14:00	0			
8/14/2011 15:00	0			
8/14/2011 16:00	0			
8/14/2011 17:00	0			
8/14/2011 18:00	0			
8/14/2011 19:00	0			

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
8/14/2011 20:00	0			
8/14/2011 21:00	0			
8/14/2011 22:00	0			
8/14/2011 23:00	0			
8/15/2011 0:00	0			
8/15/2011 1:00	0			
8/15/2011 2:00	0			
8/15/2011 3:00	0			
8/15/2011 4:00	0			
8/15/2011 5:00	0			
8/15/2011 6:00	0			
8/15/2011 7:00	0			
8/15/2011 8:00	0			
8/15/2011 9:00	0			
8/15/2011 10:00	0			
8/15/2011 11:00	0			
8/15/2011 12:00	0			
8/15/2011 13:00	0			
8/15/2011 14:00	0			
8/15/2011 15:00	0			
8/15/2011 16:00	0			
8/15/2011 17:00	0			
8/15/2011 18:00	0			
8/15/2011 19:00	0			
8/15/2011 20:00	0			
8/15/2011 21:00	0			
8/15/2011 22:00	0			
8/15/2011 23:00	0			
8/16/2011 0:00	0			
8/16/2011 1:00	0			
8/16/2011 2:00	0			
8/16/2011 3:00	0			
8/16/2011 4:00	0			
8/16/2011 5:00	0			
8/16/2011 6:00	0			
8/16/2011 7:00	0			
8/16/2011 8:00	0			
8/16/2011 9:00	0			
8/16/2011 10:00	0			
8/16/2011 11:00	0			
8/16/2011 12:00	0			
8/16/2011 13:00	0			
8/16/2011 14:00	0			
8/16/2011 15:00	0			
8/16/2011 16:00	0			
8/16/2011 17:00	0			
8/16/2011 18:00	0			
8/16/2011 19:00	0			
8/16/2011 20:00	0			
8/16/2011 21:00	0			
8/16/2011 22:00	0			
8/16/2011 23:00	0			
8/17/2011 0:00	0			
8/17/2011 1:00	0			
8/17/2011 2:00	0			
8/17/2011 3:00	0			
8/17/2011 4:00	0			
8/17/2011 5:00	0			
8/17/2011 6:00	0			
8/17/2011 7:00	0			
8/17/2011 8:00	0			
8/17/2011 9:00	0			
8/17/2011 10:00	0			

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
8/17/2011 11:00	0			
8/17/2011 12:00	0			
8/17/2011 13:00	0			
8/17/2011 14:00	0			
8/17/2011 15:00	0			
8/17/2011 16:00	0			
8/17/2011 17:00	0			
8/17/2011 18:00	0			
8/17/2011 19:00	0			
8/17/2011 20:00	0			
8/17/2011 21:00	0			
8/17/2011 22:00	0			
8/17/2011 23:00	0			
8/18/2011 0:00	0			
8/18/2011 1:00	0			
8/18/2011 2:00	0			
8/18/2011 3:00	0			
8/18/2011 4:00	0			
8/18/2011 5:00	0			
8/18/2011 6:00	0			
8/18/2011 7:00	0			
8/18/2011 8:00	0			
8/18/2011 9:00	0			
8/18/2011 10:00	0			
8/18/2011 11:00	0			
8/18/2011 12:00	0			
8/18/2011 13:00	0			
8/18/2011 14:00	0			
8/18/2011 15:00	0			
8/18/2011 16:00	0			
8/18/2011 17:00	0			
8/18/2011 18:00	0			
8/18/2011 19:00	0			
8/18/2011 20:00	0			
8/18/2011 21:00	0			
8/18/2011 22:00	0			
8/18/2011 23:00	0			
8/19/2011 0:00	0			
8/19/2011 1:00	0			
8/19/2011 2:00	0			
8/19/2011 3:00	0			
8/19/2011 4:00	0			
8/19/2011 5:00	0			
8/19/2011 6:00	0			
8/19/2011 7:00	0			
8/19/2011 8:00	0			
8/19/2011 9:00	0			
8/19/2011 10:00	0			
8/19/2011 11:00	0			
8/19/2011 12:00	0			
8/19/2011 13:00	0			
8/19/2011 14:00	0			
8/19/2011 15:00	0			
8/19/2011 16:00	0			
8/19/2011 17:00	0			
8/19/2011 18:00	0			
8/19/2011 19:00	0			
8/19/2011 20:00	0			
8/19/2011 21:00	0			
8/19/2011 22:00	0			
8/19/2011 23:00	0			
8/20/2011 0:00	0			
8/20/2011 1:00	0			

Outfall D002 Storm Water Flow Data
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Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
8/20/2011 2:00	0			
8/20/2011 3:00	0			
8/20/2011 4:00	0			
8/20/2011 5:00	0			
8/20/2011 6:00	0			
8/20/2011 7:00	0			
8/20/2011 8:00	0			
8/20/2011 9:00	0			
8/20/2011 10:00	0			
8/20/2011 11:00	0			
8/20/2011 12:00	0			
8/20/2011 13:00	0			
8/20/2011 14:00	0			
8/20/2011 15:00	0			
8/20/2011 16:00	0			
8/20/2011 17:00	0			
8/20/2011 18:00	0			
8/20/2011 19:00	0			
8/20/2011 20:00	0			
8/20/2011 21:00	0			
8/20/2011 22:00	0			
8/20/2011 23:00	0			
8/21/2011 0:00	0			
8/21/2011 1:00	0			
8/21/2011 2:00	0			
8/21/2011 3:00	0			
8/21/2011 4:00	0			
8/21/2011 5:00	19500			rain
8/21/2011 6:00	54200			
8/21/2011 7:00	8800			
8/21/2011 8:00	0			
8/21/2011 9:00	0			
8/21/2011 10:00	0			
8/21/2011 11:00	0			
8/21/2011 12:00	0			
8/21/2011 13:00	115100			
8/21/2011 14:00	195200			
8/21/2011 15:00	201300			
8/21/2011 16:00	189600			
8/21/2011 17:00	196600			
8/21/2011 18:00	116700			
8/21/2011 19:00	79000			
8/21/2011 20:00	28000			
8/21/2011 21:00	10400			
8/21/2011 22:00	1900	1		
8/21/2011 23:00	0			
8/22/2011 0:00	0			
8/22/2011 1:00	0			
8/22/2011 2:00	0			
8/22/2011 3:00	0			
8/22/2011 4:00	0			
8/22/2011 5:00	0			
8/22/2011 6:00	0			
8/22/2011 7:00	0			
8/22/2011 8:00	0			
8/22/2011 9:00	0			
8/22/2011 10:00	0			
8/22/2011 11:00	0			
8/22/2011 12:00	0			
8/22/2011 13:00	0			
8/22/2011 14:00	0			
8/22/2011 15:00	0			
8/22/2011 16:00	0			

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
8/22/2011 17:00	0			
8/22/2011 18:00	0			
8/22/2011 19:00	0			
8/22/2011 20:00	0			
8/22/2011 21:00	0			
8/22/2011 22:00	0			
8/22/2011 23:00	0			
8/23/2011 0:00	0			
8/23/2011 1:00	0			
8/23/2011 2:00	0			
8/23/2011 3:00	0			
8/23/2011 4:00	0			
8/23/2011 5:00	0			
8/23/2011 6:00	0			
8/23/2011 7:00	0			
8/23/2011 8:00	0			
8/23/2011 9:00	0			
8/23/2011 10:00	0			
8/23/2011 11:00	0			
8/23/2011 12:00	0			
8/23/2011 13:00	0			
8/23/2011 14:00	0			
8/23/2011 15:00	0			
8/23/2011 16:00	0			
8/23/2011 17:00	0			
8/23/2011 18:00	0			
8/23/2011 19:00	0			
8/23/2011 20:00	0			
8/23/2011 21:00	0			
8/23/2011 22:00	0			
8/23/2011 23:00	0			
8/24/2011 0:00	0			
8/24/2011 1:00	0			
8/24/2011 2:00	0			
8/24/2011 3:00	0			
8/24/2011 4:00	0			
8/24/2011 5:00	0			
8/24/2011 6:00	0			
8/24/2011 7:00	0			
8/24/2011 8:00	0			
8/24/2011 9:00	0			
8/24/2011 10:00	0			
8/24/2011 11:00	0			
8/24/2011 12:00	0			
8/24/2011 13:00	0			
8/24/2011 14:00	0			
8/24/2011 15:00	0			
8/24/2011 16:00	0			
8/24/2011 17:00	0			
8/24/2011 18:00	0			
8/24/2011 19:00	0			
8/24/2011 20:00	0			
8/24/2011 21:00	0			
8/24/2011 22:00	0			
8/24/2011 23:00	0			
8/25/2011 0:00	164200			rain
8/25/2011 1:00	192500			
8/25/2011 2:00	190700			
8/25/2011 3:00	190500			
8/25/2011 4:00	191900			
8/25/2011 5:00	196600			
8/25/2011 6:00	205700			
8/25/2011 7:00	197700			

Outfall D002 Storm Water Flow Data
GMCH Lockport Facility

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
8/25/2011 8:00	191400			
8/25/2011 9:00	185100			
8/25/2011 10:00	187800			
8/25/2011 11:00	158800	1		
8/25/2011 12:00	0			
8/25/2011 13:00	0			
8/25/2011 14:00	0			
8/25/2011 15:00	0			
8/25/2011 16:00	0			
8/25/2011 17:00	0			
8/25/2011 18:00	0			
8/25/2011 19:00	0			
8/25/2011 20:00	0			
8/25/2011 21:00	0			
8/25/2011 22:00	0			
8/25/2011 23:00	0			
8/26/2011 0:00	0			
8/26/2011 1:00	0			
8/26/2011 2:00	0			
8/26/2011 3:00	0			
8/26/2011 4:00	0			
8/26/2011 5:00	0			
8/26/2011 6:00	0			
8/26/2011 7:00	0			
8/26/2011 8:00	0			
8/26/2011 9:00	0			
8/26/2011 10:00	0			
8/26/2011 11:00	0			
8/26/2011 12:00	0			
8/26/2011 13:00	0			
8/26/2011 14:00	0			
8/26/2011 15:00	0			
8/26/2011 16:00	0			
8/26/2011 17:00	0			
8/26/2011 18:00	0			
8/26/2011 19:00	0			
8/26/2011 20:00	0			
8/26/2011 21:00	0			
8/26/2011 22:00	0			
8/26/2011 23:00	0			
8/27/2011 0:00	0			
8/27/2011 1:00	0			
8/27/2011 2:00	0			
8/27/2011 3:00	0			
8/27/2011 4:00	0			
8/27/2011 5:00	0			
8/27/2011 6:00	0			
8/27/2011 7:00	0			
8/27/2011 8:00	0			
8/27/2011 9:00	0			
8/27/2011 10:00	0			
8/27/2011 11:00	0			
8/27/2011 12:00	0			
8/27/2011 13:00	0			
8/27/2011 14:00	0			
8/27/2011 15:00	0			
8/27/2011 16:00	0			
8/27/2011 17:00	0			
8/27/2011 18:00	0			
8/27/2011 19:00	0			
8/27/2011 20:00	0			
8/27/2011 21:00	0			
8/27/2011 22:00	0			

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
8/27/2011 23:00	0			
8/28/2011 0:00	0			
8/28/2011 1:00	0			
8/28/2011 2:00	0			
8/28/2011 3:00	0			
8/28/2011 4:00	0			
8/28/2011 5:00	0			
8/28/2011 6:00	0			
8/28/2011 7:00	0			
8/28/2011 8:00	0			
8/28/2011 9:00	0			
8/28/2011 10:00	0			
8/28/2011 11:00	0			
8/28/2011 12:00	0			
8/28/2011 13:00	0			
8/28/2011 14:00	0			
8/28/2011 15:00	0			
8/28/2011 16:00	0			
8/28/2011 17:00	0			
8/28/2011 18:00	0			
8/28/2011 19:00	0			
8/28/2011 20:00	0			
8/28/2011 21:00	0			
8/28/2011 22:00	0			
8/28/2011 23:00	0			
8/29/2011 0:00	0			
8/29/2011 1:00	0			
8/29/2011 2:00	0			
8/29/2011 3:00	0			
8/29/2011 4:00	0			
8/29/2011 5:00	0			
8/29/2011 6:00	0			
8/29/2011 7:00	0			
8/29/2011 8:00	0			
8/29/2011 9:00	0			
8/29/2011 10:00	0			
8/29/2011 11:00	0			
8/29/2011 12:00	0			
8/29/2011 13:00	0			
8/29/2011 14:00	0			
8/29/2011 15:00	0			
8/29/2011 16:00	0			
8/29/2011 17:00	0			
8/29/2011 18:00	0			
8/29/2011 19:00	0			
8/29/2011 20:00	0			
8/29/2011 21:00	0			
8/29/2011 22:00	0			
8/29/2011 23:00	0			
8/30/2011 0:00	0			
8/30/2011 1:00	0			
8/30/2011 2:00	0			
8/30/2011 3:00	0			
8/30/2011 4:00	0			
8/30/2011 5:00	0			
8/30/2011 6:00	0			
8/30/2011 7:00	0			
8/30/2011 8:00	0			
8/30/2011 9:00	0			
8/30/2011 10:00	0			
8/30/2011 11:00	0			
8/30/2011 12:00	0			
8/30/2011 13:00	0			

Outfall D002 Storm Water Flow Data
GMCH Lockport Facility

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
8/30/2011 14:00	0			
8/30/2011 15:00	0			
8/30/2011 16:00	0			
8/30/2011 17:00	0			
8/30/2011 18:00	0			
8/30/2011 19:00	0			
8/30/2011 20:00	0			
8/30/2011 21:00	0			
8/30/2011 22:00	0			
8/30/2011 23:00	0			
8/31/2011 0:00	0			
8/31/2011 1:00	0			
8/31/2011 2:00	0			
8/31/2011 3:00	0			
8/31/2011 4:00	0			
8/31/2011 5:00	0			
8/31/2011 6:00	0			
8/31/2011 7:00	0			
8/31/2011 8:00	0			
8/31/2011 9:00	0			
8/31/2011 10:00	0			
8/31/2011 11:00	0			
8/31/2011 12:00	0			
8/31/2011 13:00	0			
8/31/2011 14:00	0			
8/31/2011 15:00	0			
8/31/2011 16:00	0			
8/31/2011 17:00	0			
8/31/2011 18:00	0			
8/31/2011 19:00	0			
8/31/2011 20:00	0			
8/31/2011 21:00	0			
8/31/2011 22:00	0			
8/31/2011 23:00	2300			rain
9/1/2011 0:00	0		No Log Sheet for September	
9/1/2011 1:00	0			
9/1/2011 2:00	0			
9/1/2011 3:00	0			
9/1/2011 4:00	0			
9/1/2011 5:00	144500			
9/1/2011 6:00	206400			
9/1/2011 7:00	16500	1		
9/1/2011 8:00	0			
9/1/2011 9:00	0			
9/1/2011 10:00	0			
9/1/2011 11:00	0			
9/1/2011 12:00	0			
9/1/2011 13:00	0			
9/1/2011 14:00	0			
9/1/2011 15:00	0			
9/1/2011 16:00	0			
9/1/2011 17:00	0			
9/1/2011 18:00	0			
9/1/2011 19:00	0			
9/1/2011 20:00	0			
9/1/2011 21:00	0			
9/1/2011 22:00	0			
9/1/2011 23:00	0			
9/2/2011 0:00	0			
9/2/2011 1:00	0			
9/2/2011 2:00	0			
9/2/2011 3:00	0			
9/2/2011 4:00	0			

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
9/2/2011 5:00	0			
9/2/2011 6:00	0			
9/2/2011 7:00	0			
9/2/2011 8:00	0			
9/2/2011 9:00	0			
9/2/2011 10:00	0			
9/2/2011 11:00	0			
9/2/2011 12:00	0			
9/2/2011 13:00	0			
9/2/2011 14:00	0			
9/2/2011 15:00	0			
9/2/2011 16:00	0			
9/2/2011 17:00	0			
9/2/2011 18:00	0			
9/2/2011 19:00	0			
9/2/2011 20:00	0			
9/2/2011 21:00	0			
9/2/2011 22:00	0			
9/2/2011 23:00	0			
9/3/2011 0:00	0			
9/3/2011 1:00	0			
9/3/2011 2:00	0			
9/3/2011 3:00	0			
9/3/2011 4:00	0			
9/3/2011 5:00	0			
9/3/2011 6:00	0			
9/3/2011 7:00	0			
9/3/2011 8:00	0			
9/3/2011 9:00	0			
9/3/2011 10:00	0			
9/3/2011 11:00	0			
9/3/2011 12:00	0			
9/3/2011 13:00	0			
9/3/2011 14:00	0			
9/3/2011 15:00	0			
9/3/2011 16:00	0			
9/3/2011 17:00	0			
9/3/2011 18:00	0			
9/3/2011 19:00	0			
9/3/2011 20:00	0			
9/3/2011 21:00	0			
9/3/2011 22:00	0			
9/3/2011 23:00	0			
9/4/2011 0:00	0			
9/4/2011 1:00	0			
9/4/2011 2:00	0			
9/4/2011 3:00	0			
9/4/2011 4:00	0			
9/4/2011 5:00	0			
9/4/2011 6:00	169800			rain
9/4/2011 7:00	192200			
9/4/2011 8:00	146700			
9/4/2011 9:00	13700			
9/4/2011 10:00	4100	1		
9/4/2011 11:00	0			
9/4/2011 12:00	0			
9/4/2011 13:00	0			
9/4/2011 14:00	0			
9/4/2011 15:00	0			
9/4/2011 16:00	0			
9/4/2011 17:00	0			
9/4/2011 18:00	0			
9/4/2011 19:00	0			

Outfall D002 Storm Water Flow Data
GMCH Lockport Facility

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
9/4/2011 20:00	0			
9/4/2011 21:00	0			
9/4/2011 22:00	0			
9/4/2011 23:00	66100			light rain
9/5/2011 0:00	138900			
9/5/2011 1:00	57700			
9/5/2011 2:00	40200			
9/5/2011 3:00	20600			
9/5/2011 4:00	10000	1		
9/5/2011 5:00	0			
9/5/2011 6:00	0			
9/5/2011 7:00	0			
9/5/2011 8:00	0			
9/5/2011 9:00	0			
9/5/2011 10:00	0			
9/5/2011 11:00	0			
9/5/2011 12:00	0			
9/5/2011 13:00	0			
9/5/2011 14:00	0			
9/5/2011 15:00	0			
9/5/2011 16:00	0			
9/5/2011 17:00	0			
9/5/2011 18:00	0			
9/5/2011 19:00	0			
9/5/2011 20:00	0			
9/5/2011 21:00	0			
9/5/2011 22:00	0			
9/5/2011 23:00	0			
9/6/2011 0:00	0			
9/6/2011 1:00	0			
9/6/2011 2:00	0			
9/6/2011 3:00	0			
9/6/2011 4:00	0			
9/6/2011 5:00	0			
9/6/2011 6:00	0			
9/6/2011 7:00	0			
9/6/2011 8:00	0			
9/6/2011 9:00	0			
9/6/2011 10:00	0			
9/6/2011 11:00	0			
9/6/2011 12:00	0			
9/6/2011 13:00	0			
9/6/2011 14:00	0			
9/6/2011 15:00	0			
9/6/2011 16:00	0			
9/6/2011 17:00	0			
9/6/2011 18:00	0			
9/6/2011 19:00	0			
9/6/2011 20:00	0			
9/6/2011 21:00	0			
9/6/2011 22:00	0			
9/6/2011 23:00	0			
9/7/2011 0:00	0			
9/7/2011 1:00	0			
9/7/2011 2:00	0			
9/7/2011 3:00	0			
9/7/2011 4:00	0			
9/7/2011 5:00	0			
9/7/2011 6:00	0			
9/7/2011 7:00	0			
9/7/2011 8:00	0			
9/7/2011 9:00	0			
9/7/2011 10:00	0			

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
9/7/2011 11:00	0			
9/7/2011 12:00	0			
9/7/2011 13:00	0			
9/7/2011 14:00	0			
9/7/2011 15:00	0			
9/7/2011 16:00	0			
9/7/2011 17:00	0			
9/7/2011 18:00	0			
9/7/2011 19:00	0			
9/7/2011 20:00	0			
9/7/2011 21:00	0			
9/7/2011 22:00	0			
9/7/2011 23:00	0			
9/8/2011 0:00	0			
9/8/2011 1:00	0			
9/8/2011 2:00	0			
9/8/2011 3:00	0			
9/8/2011 4:00	0			
9/8/2011 5:00	0			
9/8/2011 6:00	0			
9/8/2011 7:00	0			
9/8/2011 8:00	0			
9/8/2011 9:00	0			
9/8/2011 10:00	0			
9/8/2011 11:00	0			
9/8/2011 12:00	0			
9/8/2011 13:00	0			
9/8/2011 14:00	0			
9/8/2011 15:00	0			
9/8/2011 16:00	0			
9/8/2011 17:00	0			
9/8/2011 18:00	0			
9/8/2011 19:00	0			
9/8/2011 20:00	0			
9/8/2011 21:00	0			
9/8/2011 22:00	0			
9/8/2011 23:00	0			
9/9/2011 0:00	0			
9/9/2011 1:00	0			
9/9/2011 2:00	0			
9/9/2011 3:00	0			
9/9/2011 4:00	0			
9/9/2011 5:00	0			
9/9/2011 6:00	0			
9/9/2011 7:00	0			
9/9/2011 8:00	0			
9/9/2011 9:00	0			
9/9/2011 10:00	0			
9/9/2011 11:00	0			
9/9/2011 12:00	0			
9/9/2011 13:00	0			
9/9/2011 14:00	0			
9/9/2011 15:00	0			
9/9/2011 16:00	0			
9/9/2011 17:00	0			
9/9/2011 18:00	0			
9/9/2011 19:00	0			
9/9/2011 20:00	0			
9/9/2011 21:00	0			
9/9/2011 22:00	0			
9/9/2011 23:00	0			
9/10/2011 0:00	0			
9/10/2011 1:00	0			

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
9/10/2011 2:00	0			
9/10/2011 3:00	0			
9/10/2011 4:00	100			no precip
9/10/2011 5:00	0			erroneous data
9/10/2011 6:00	0			
9/10/2011 7:00	0			
9/10/2011 8:00	0			
9/10/2011 9:00	0			
9/10/2011 10:00	0			
9/10/2011 11:00	0			
9/10/2011 12:00	0			
9/10/2011 13:00	0			
9/10/2011 14:00	0			
9/10/2011 15:00	0			
9/10/2011 16:00	0			
9/10/2011 17:00	0			
9/10/2011 18:00	0			
9/10/2011 19:00	0			
9/10/2011 20:00	0			
9/10/2011 21:00	0			
9/10/2011 22:00	0			
9/10/2011 23:00	0			
9/11/2011 0:00	0			
9/11/2011 1:00	0			
9/11/2011 2:00	0			
9/11/2011 3:00	0			
9/11/2011 4:00	0			
9/11/2011 5:00	0			
9/11/2011 6:00	0			
9/11/2011 7:00	0			
9/11/2011 8:00	0			
9/11/2011 9:00	0			
9/11/2011 10:00	0			
9/11/2011 11:00	0			
9/11/2011 12:00	0			
9/11/2011 13:00	0			
9/11/2011 14:00	0			
9/11/2011 15:00	0			
9/11/2011 16:00	0			
9/11/2011 17:00	0			
9/11/2011 18:00	0			
9/11/2011 19:00	0			
9/11/2011 20:00	0			
9/11/2011 21:00	0			
9/11/2011 22:00	0			
9/11/2011 23:00	0			
9/12/2011 0:00	0			
9/12/2011 1:00	0			
9/12/2011 2:00	0			
9/12/2011 3:00	0			
9/12/2011 4:00	0			
9/12/2011 5:00	0			
9/12/2011 6:00	0			
9/12/2011 7:00	0			
9/12/2011 8:00	0			
9/12/2011 9:00	0			
9/12/2011 10:00	0			
9/12/2011 11:00	0			
9/12/2011 12:00	0			
9/12/2011 13:00	0			
9/12/2011 14:00	0			
9/12/2011 15:00	0			
9/12/2011 16:00	0			

Outfall D002 Storm Water Flow Data
GMCH Lockport Facility

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
9/12/2011 17:00	0			
9/12/2011 18:00	0			
9/12/2011 19:00	0			
9/12/2011 20:00	0			
9/12/2011 21:00	0			
9/12/2011 22:00	0			
9/12/2011 23:00	0			
9/13/2011 0:00	0			
9/13/2011 1:00	0			
9/13/2011 2:00	0			
9/13/2011 3:00	0			
9/13/2011 4:00	0			
9/13/2011 5:00	0			
9/13/2011 6:00	0			
9/13/2011 7:00	0			
9/13/2011 8:00	0			
9/13/2011 9:00	0			
9/13/2011 10:00	0			
9/13/2011 11:00	0			
9/13/2011 12:00	0			
9/13/2011 13:00	0			
9/13/2011 14:00	0			
9/13/2011 15:00	0			
9/13/2011 16:00	0			
9/13/2011 17:00	0			
9/13/2011 18:00	0			
9/13/2011 19:00	0			
9/13/2011 20:00	0			
9/13/2011 21:00	0			
9/13/2011 22:00	0			
9/13/2011 23:00	0			
9/14/2011 0:00	0			
9/14/2011 1:00	0			
9/14/2011 2:00	0			
9/14/2011 3:00	0			
9/14/2011 4:00	0			
9/14/2011 5:00	0			
9/14/2011 6:00	0			
9/14/2011 7:00	0			
9/14/2011 8:00	0			
9/14/2011 9:00	0			
9/14/2011 10:00	0			
9/14/2011 11:00	0			
9/14/2011 12:00	0			
9/14/2011 13:00	0			
9/14/2011 14:00	0			
9/14/2011 15:00	0			
9/14/2011 16:00	0			
9/14/2011 17:00	0			
9/14/2011 18:00	0			
9/14/2011 19:00	0			
9/14/2011 20:00	0			
9/14/2011 21:00	0			
9/14/2011 22:00	0			
9/14/2011 23:00	0			
9/15/2011 0:00	0			
9/15/2011 1:00	0			
9/15/2011 2:00	0			
9/15/2011 3:00	13200			light rain
9/15/2011 4:00	42400			
9/15/2011 5:00	31900			
9/15/2011 6:00	37600			
9/15/2011 7:00	15800			

Outfall D002 Storm Water Flow Data
GMCH Lockport Facility

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
9/15/2011 8:00	2600	1		
9/15/2011 9:00	0			
9/15/2011 10:00	0			
9/15/2011 11:00	0			
9/15/2011 12:00	0			
9/15/2011 13:00	0			
9/15/2011 14:00	0			
9/15/2011 15:00	0			
9/15/2011 16:00	0			
9/15/2011 17:00	0			
9/15/2011 18:00	0			
9/15/2011 19:00	0			
9/15/2011 20:00	0			
9/15/2011 21:00	0			
9/15/2011 22:00	0			
9/15/2011 23:00	0			
9/16/2011 0:00	0			
9/16/2011 1:00	0			
9/16/2011 2:00	0			
9/16/2011 3:00	0			
9/16/2011 4:00	0			
9/16/2011 5:00	0			
9/16/2011 6:00	0			
9/16/2011 7:00	0			
9/16/2011 8:00	0			
9/16/2011 9:00	0			
9/16/2011 10:00	0			
9/16/2011 11:00	0			
9/16/2011 12:00	0			
9/16/2011 13:00	0			
9/16/2011 14:00	0			
9/16/2011 15:00	0			
9/16/2011 16:00	0			
9/16/2011 17:00	0			
9/16/2011 18:00	0			
9/16/2011 19:00	0			
9/16/2011 20:00	0			
9/16/2011 21:00	0			
9/16/2011 22:00	0			
9/16/2011 23:00	0			
9/17/2011 0:00	0			
9/17/2011 1:00	0			
9/17/2011 2:00	0			
9/17/2011 3:00	0			
9/17/2011 4:00	0			
9/17/2011 5:00	0			
9/17/2011 6:00	0			
9/17/2011 7:00	0			
9/17/2011 8:00	0			
9/17/2011 9:00	0			
9/17/2011 10:00	0			
9/17/2011 11:00	0			
9/17/2011 12:00	0			
9/17/2011 13:00	0			
9/17/2011 14:00	0			
9/17/2011 15:00	0			
9/17/2011 16:00	0			
9/17/2011 17:00	0			
9/17/2011 18:00	0			
9/17/2011 19:00	0			
9/17/2011 20:00	0			
9/17/2011 21:00	0			
9/17/2011 22:00	0			

Outfall D002 Storm Water Flow Data
GMCH Lockport Facility

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
9/17/2011 23:00	0			
9/18/2011 0:00	0			
9/18/2011 1:00	0			
9/18/2011 2:00	0			
9/18/2011 3:00	0			
9/18/2011 4:00	0			
9/18/2011 5:00	0			
9/18/2011 6:00	0			
9/18/2011 7:00	0			
9/18/2011 8:00	0			
9/18/2011 9:00	0			
9/18/2011 10:00	0			
9/18/2011 11:00	0			
9/18/2011 12:00	0			
9/18/2011 13:00	0			
9/18/2011 14:00	0			
9/18/2011 15:00	0			
9/18/2011 16:00	0			
9/18/2011 17:00	0			
9/18/2011 18:00	0			
9/18/2011 19:00	0			
9/18/2011 20:00	0			
9/18/2011 21:00	0			
9/18/2011 22:00	0			
9/18/2011 23:00	0			
9/19/2011 0:00	0			
9/19/2011 1:00	0			
9/19/2011 2:00	0			
9/19/2011 3:00	0			
9/19/2011 4:00	0			
9/19/2011 5:00	0			
9/19/2011 6:00	0			
9/19/2011 7:00	0			
9/19/2011 8:00	0			
9/19/2011 9:00	0			
9/19/2011 10:00	0			
9/19/2011 11:00	0			
9/19/2011 12:00	0			
9/19/2011 13:00	0			
9/19/2011 14:00	0			
9/19/2011 15:00	0			
9/19/2011 16:00	0			
9/19/2011 17:00	0			
9/19/2011 18:00	0			
9/19/2011 19:00	0			
9/19/2011 20:00	0			
9/19/2011 21:00	0			
9/19/2011 22:00	0			
9/19/2011 23:00	0			
9/20/2011 0:00	34200	1		light rain

NOTES:

54	**Discharge Events**
3	**Dichagre Events from Temporary Meter (see attached log)**
57	**Total Discharges**

The lowest disharge volume that can be read by flow meter is 100 galllons.

Valid Discharge Event.

Questionable Event but counted in total.

Discharge Event was not counted.

Discharge reading that occur within 12 hours of a previous reading are considered to be a part of the same event.

OUTFALL D002 TEMPORARY FLOW METER DATA

American Sig InSight 4.2

Month Repo rt - SEP 10

Channel: Flow 1

Site Id: 2

Descriptio n: D002 -- STOR WATER RD 3

Date	Maximum Time	Maximum (gpm)	Minimum Time	Minimum (gpm)	Total (gal) (x1000)
23-Sep-10 Thu	12:05am	0	12:05am	0	0
24-Sep-10 Fri	12:05am	0	12:05am	0	0
25-Sep-10 Sat	12:05am	0	12:05am	0	0
26-Sep-10 Sun	12:05am	0	12:05am	0	0
27-Sep-10 Mon	12:05am	0	12:05am	0	0
28-Sep-10 Tue	12:05am	0	12:05am	0	0
29-Sep-10 Wed	12:05am	0	12:05am	0	0
30-Sep-10 Thu	12:05am	0	12:05am	0	0

Month Summ ary

Maxim um: 0.000 (gpm) 23-Sep-01 0 12:05a. m.

Minim um: 0.000 (gpm) 23-Sep-01 0 12:05a. m.

Avera ge: 0.000 (gpm)

Total : 0.000 (gal) x1000

Month Repo rt - OCT 10

Channel: Flow 1

Site Id: 2

Descriptio n: D002 -- STOR WATER RD 3

Date	Maximum Time	Maximum (gpm)	Minimum Time	Minimum (gpm)	Total (gal) (x1000)
1-Oct-10 Fri	12:05am	0	12:05am	0	0
2-Oct-10 Sat	12:05am	0	12:05am	0	0
3-Oct-10 Sun	12:05am	0	12:05am	0	0
4-Oct-10 Mon	12:05am	0	12:05am	0	0
5-Oct-10 Tue	12:05am	0	12:05am	0	0
6-Oct-10 Wed	12:05am	0	12:05am	0	0
7-Oct-10 Thu	12:05am	0	12:05am	0	0
8-Oct-10 Fri	12:05am	0	12:05am	0	0
9-Oct-10 Sat	12:05am	0	12:05am	0	0
10-Oct-10 Sun	12:05am	0	12:05am	0	0
11-Oct-10 Mon	12:05am	0	12:05am	0	0
12-Oct-10 Tue	12:05am	0	12:05am	0	0

13-Oct-10	Wed	12:05am	0	12:05am	0	0
14-Oct-10	Thu	12:05am	0	12:05am	0	0
15-Oct-10	Fri	12:05am	0	12:05am	0	0
16-Oct-10	Sat	12:05am	0	12:05am	0	0
17-Oct-10	Sun	12:05am	0	12:05am	0	0
18-Oct-10	Mon	12:05am	0	12:05am	0	0
19-Oct-10	Tue	12:05am	0	12:05am	0	0
20-Oct-10	Wed	11:55pm	639.441	12:05am	0	9.93
21-Oct-10	Thu	03:20am	4844.55	12:05pm	0	925.564
22-Oct-10	Fri	04:55am	491.946	11:05am	0	80.079

Month Summ	ary			
Maxim	um:	4844.550 (gp	21-Oct-01 0 03:20a.	m.
Minim	um:	0.000 (gpm)	1-Oct-01 0 12:05a.	m.
Avera	ge:	32.057 (gpm)		
Total	:	1015.572 (ga x1000		

OutFall D003 Storm Water Flow Data
GMCH Lockport Facility

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Falls Airport
9/18/2010 0:00	0			**Light Rain**
9/18/2010 1:00	0			
9/18/2010 2:00	0			
9/18/2010 3:00	0			
9/18/2010 4:00	100			
9/18/2010 5:00	0			
9/18/2010 6:00	0			
9/18/2010 7:00	0			
9/18/2010 8:00	0			
9/18/2010 9:00	0			
9/18/2010 10:00	100			
9/18/2010 11:00	0			
9/18/2010 12:00	0			
9/18/2010 13:00	0			
9/18/2010 14:00	0			
9/18/2010 15:00	0			
9/18/2010 16:00	0			
9/18/2010 17:00	0			
9/18/2010 18:00	0			
9/18/2010 19:00	0			
9/18/2010 20:00	0			
9/18/2010 21:00	0			
9/18/2010 22:00	100			
9/18/2010 23:00	0			
9/19/2010 0:00	0			**Light Rain**
9/19/2010 1:00	0			
9/19/2010 2:00	100			
9/19/2010 3:00	0			
9/19/2010 4:00	0			
9/19/2010 5:00	0			
9/19/2010 6:00	700			
9/19/2010 7:00	1000			
9/19/2010 8:00	1100			
9/19/2010 9:00	800			
9/19/2010 10:00	500			
9/19/2010 11:00	300			
9/19/2010 12:00	100			
9/19/2010 13:00	100			
9/19/2010 14:00	0			
9/19/2010 15:00	0			
9/19/2010 16:00	0			
9/19/2010 17:00	0			
9/19/2010 18:00	0			
9/19/2010 19:00	0			
9/19/2010 20:00	0			
9/19/2010 21:00	0			
9/19/2010 22:00	100			
9/19/2010 23:00	0			
9/20/2010 0:00	0			
9/20/2010 1:00	0			
9/20/2010 2:00	0			
9/20/2010 3:00	0			
9/20/2010 4:00	0			
9/20/2010 5:00	0			

9/20/2010 6:00	0			
9/20/2010 7:00	0			
9/20/2010 8:00	0			
9/20/2010 9:00	100	1		
9/20/2010 10:00	0			
9/20/2010 11:00	0			
9/20/2010 12:00	0			
9/20/2010 13:00	0			
9/20/2010 14:00	0			
9/20/2010 15:00	0			
9/20/2010 16:00	0			
9/20/2010 17:00	0			
9/20/2010 18:00	0			
9/20/2010 19:00	0			
9/20/2010 20:00	0			
9/20/2010 21:00	0			
9/20/2010 22:00	0			
9/20/2010 23:00	0			
9/21/2010 0:00	0			
9/21/2010 1:00	0			
9/21/2010 2:00	0			
9/21/2010 3:00	0			
9/21/2010 4:00	0			
9/21/2010 5:00	0			
9/21/2010 6:00	0			
9/21/2010 7:00	0			
9/21/2010 8:00	0			
9/21/2010 9:00	0			
9/21/2010 10:00	100			
9/21/2010 11:00	0			
9/21/2010 12:00	0			
9/21/2010 13:00	0			
9/21/2010 14:00	0			
9/21/2010 15:00	0			
9/21/2010 16:00	0			
9/21/2010 17:00	0			
9/21/2010 18:00	0			
9/21/2010 19:00	0			
9/21/2010 20:00	0			
9/21/2010 21:00	0			
9/21/2010 22:00	0			
9/21/2010 23:00	100			
9/22/2010 0:00	0			
9/22/2010 1:00	100			
9/22/2010 2:00	0			
9/22/2010 3:00	100			
9/22/2010 4:00	0			
9/22/2010 5:00	0			
9/22/2010 6:00	0			
9/22/2010 7:00	100			
9/22/2010 8:00	2600			
9/22/2010 9:00	35100			
9/22/2010 10:00	23400			
9/22/2010 11:00	7000			
9/22/2010 12:00	2600			
9/22/2010 13:00	1200			
9/22/2010 14:00	1200			
9/22/2010 15:00	1000			
9/22/2010 16:00	500			

9/22/2010 17:00	200			
9/22/2010 18:00	100			
9/22/2010 19:00	0			
9/22/2010 20:00	0			
9/22/2010 21:00	0			
9/22/2010 22:00	0			
9/22/2010 23:00	100			
9/23/2010 0:00	0			
9/23/2010 1:00	0			
9/23/2010 2:00	0			
9/23/2010 3:00	100			
9/23/2010 4:00	0			
9/23/2010 5:00	0			
9/23/2010 6:00	0			
9/23/2010 7:00	0			
9/23/2010 8:00	0			
9/23/2010 9:00	100			
9/23/2010 10:00	100			
9/23/2010 11:00	0			
9/23/2010 12:00	0			
9/23/2010 13:00	0			
9/23/2010 14:00	0			
9/23/2010 15:00	0			
9/23/2010 16:00	0			
9/23/2010 17:00	0			
9/23/2010 18:00	0			
9/23/2010 19:00	0			
9/23/2010 20:00	0			
9/23/2010 21:00	0			
9/23/2010 22:00	100			
9/23/2010 23:00	0			
9/24/2010 0:00	100			
9/24/2010 1:00	100			
9/24/2010 2:00	100			
9/24/2010 3:00	100			
9/24/2010 4:00	100			
9/24/2010 5:00	0			
9/24/2010 6:00	100			
9/24/2010 7:00	0			
9/24/2010 8:00	100			
9/24/2010 9:00	100			
9/24/2010 10:00	0			
9/24/2010 11:00	100			
9/24/2010 12:00	0			
9/24/2010 13:00	0			
9/24/2010 14:00	0			
9/24/2010 15:00	0			
9/24/2010 16:00	0			
9/24/2010 17:00	0			
9/24/2010 18:00	0			
9/24/2010 19:00	0			
9/24/2010 20:00	100			
9/24/2010 21:00	0			
9/24/2010 22:00	100			
9/24/2010 23:00	0			
9/25/2010 0:00	0			
9/25/2010 1:00	0			
9/25/2010 2:00	0			
9/25/2010 3:00	100			

9/25/2010 4:00	0			
9/25/2010 5:00	0			
9/25/2010 6:00	0			
9/25/2010 7:00	0			
9/25/2010 8:00	100	1		
9/25/2010 9:00	0			
9/25/2010 10:00	0			
9/25/2010 11:00	0			
9/25/2010 12:00	0			
9/25/2010 13:00	0			
9/25/2010 14:00	0			
9/25/2010 15:00	0			
9/25/2010 16:00	0			
9/25/2010 17:00	0			
9/25/2010 18:00	0			
9/25/2010 19:00	0			
9/25/2010 20:00	0			
9/25/2010 21:00	0			
9/25/2010 22:00	0			
9/25/2010 23:00	0			
9/26/2010 0:00	0			
9/26/2010 1:00	0			
9/26/2010 2:00	0			
9/26/2010 3:00	0			
9/26/2010 4:00	0			
9/26/2010 5:00	0			
9/26/2010 6:00	0			
9/26/2010 7:00	0			
9/26/2010 8:00	0			
9/26/2010 9:00	0			
9/26/2010 10:00	0			
9/26/2010 11:00	0			
9/26/2010 12:00	0			
9/26/2010 13:00	0			
9/26/2010 14:00	0			
9/26/2010 15:00	0			
9/26/2010 16:00	0			
9/26/2010 17:00	0			
9/26/2010 18:00	0			
9/26/2010 19:00	0			
9/26/2010 20:00	0			
9/26/2010 21:00	0			
9/26/2010 22:00	0			
9/26/2010 23:00	0			
9/27/2010 0:00	0			
9/27/2010 1:00	0			
9/27/2010 2:00	0			
9/27/2010 3:00	0			
9/27/2010 4:00	0			
9/27/2010 5:00	0			
9/27/2010 6:00	0			
9/27/2010 7:00	0			
9/27/2010 8:00	0			
9/27/2010 9:00	0			
9/27/2010 10:00	0			
9/27/2010 11:00	0			
9/27/2010 12:00	0			**Light Rain**
9/27/2010 13:00	0			
9/27/2010 14:00	0			

9/27/2010 15:00	0			
9/27/2010 16:00	0			
9/27/2010 17:00	0			
9/27/2010 18:00	0			
9/27/2010 19:00	0			
9/27/2010 20:00	1300			
9/27/2010 21:00	3500			
9/27/2010 22:00	3100			
9/27/2010 23:00	1800			
9/28/2010 0:00	1000			
9/28/2010 1:00	900			
9/28/2010 2:00	1000			
9/28/2010 3:00	500			
9/28/2010 4:00	300			
9/28/2010 5:00	300			
9/28/2010 6:00	100			
9/28/2010 7:00	300			
9/28/2010 8:00	16900			
9/28/2010 9:00	62700			
9/28/2010 10:00	32900			
9/28/2010 11:00	14300			
9/28/2010 12:00	4900			
9/28/2010 13:00	1900			
9/28/2010 14:00	600			
9/28/2010 15:00	100			
9/28/2010 16:00	16900			
9/28/2010 17:00	9900			
9/28/2010 18:00	2900			
9/28/2010 19:00	1400			
9/28/2010 20:00	800			
9/28/2010 21:00	500			
9/28/2010 22:00	300			
9/28/2010 23:00	200			
9/29/2010 0:00	200			
9/29/2010 1:00	100			
9/29/2010 2:00	100			
9/29/2010 3:00	0			
9/29/2010 4:00	100			
9/29/2010 5:00	0			
9/29/2010 6:00	0			
9/29/2010 7:00	0			
9/29/2010 8:00	100	1		
9/29/2010 9:00	0			
9/29/2010 10:00	0			
9/29/2010 11:00	0			
9/29/2010 12:00	0			
9/29/2010 13:00	0			
9/29/2010 14:00	0			
9/29/2010 15:00	0			
9/29/2010 16:00	0			
9/29/2010 17:00	0			
9/29/2010 18:00	0			
9/29/2010 19:00	0			
9/29/2010 20:00	0			
9/29/2010 21:00	0			
9/29/2010 22:00	0			
9/29/2010 23:00	0			
9/30/2010 0:00	100			
9/30/2010 1:00	0			

9/30/2010 2:00	0			
9/30/2010 3:00	0			
9/30/2010 4:00	100			
9/30/2010 5:00	0			
9/30/2010 6:00	0			
9/30/2010 7:00	0			
9/30/2010 8:00	0			
9/30/2010 9:00	100			
9/30/2010 10:00	0			
9/30/2010 11:00	0			
9/30/2010 12:00	0			
9/30/2010 13:00	0			
9/30/2010 14:00	600			**Light Rain**
9/30/2010 15:00	43500			
9/30/2010 16:00	41400			
9/30/2010 17:00	18000			
9/30/2010 18:00	5800			
9/30/2010 19:00	2700			
9/30/2010 20:00	1500			
9/30/2010 21:00	1000			
9/30/2010 22:00	700			
9/30/2010 23:00	600			
10/1/2010 0:00	300			
10/1/2010 1:00	200			
10/1/2010 2:00	200			
10/1/2010 3:00	100			
10/1/2010 4:00	100			
10/1/2010 5:00	100			
10/1/2010 6:00	100			
10/1/2010 7:00	100			
10/1/2010 8:00	0			
10/1/2010 9:00	100			
10/1/2010 10:00	0			
10/1/2010 11:00	0			
10/1/2010 12:00	0			
10/1/2010 13:00	0			
10/1/2010 14:00	100	1		
10/1/2010 15:00	0			
10/1/2010 16:00	0			
10/1/2010 17:00	0			
10/1/2010 18:00	0			
10/1/2010 19:00	0			
10/1/2010 20:00	0			
10/1/2010 21:00	0			
10/1/2010 22:00	0			
10/1/2010 23:00	0			
10/2/2010 0:00	0			
10/2/2010 1:00	0			
10/2/2010 2:00	0			
10/2/2010 3:00	0			
10/2/2010 4:00	0			
10/2/2010 5:00	0			
10/2/2010 6:00	0			
10/2/2010 7:00	0			
10/2/2010 8:00	0			
10/2/2010 9:00	0			
10/2/2010 10:00	0			
10/2/2010 11:00	0			
10/2/2010 12:00	0			

10/2/2010 13:00	0			
10/2/2010 14:00	0			
10/2/2010 15:00	0			
10/2/2010 16:00	0			
10/2/2010 17:00	0			
10/2/2010 18:00	0			
10/2/2010 19:00	0			
10/2/2010 20:00	0			
10/2/2010 21:00	0			
10/2/2010 22:00	0			
10/2/2010 23:00	0			
10/3/2010 0:00	0			
10/3/2010 1:00	0			
10/3/2010 2:00	1500			**Light Rain**
10/3/2010 3:00	4500			
10/3/2010 4:00	5200			
10/3/2010 5:00	6000			
10/3/2010 6:00	6900			
10/3/2010 7:00	8000			
10/3/2010 8:00	6000			
10/3/2010 9:00	11600			
10/3/2010 10:00	16800			
10/3/2010 11:00	9400			
10/3/2010 12:00	4800			
10/3/2010 13:00	2600			
10/3/2010 14:00	1400			
10/3/2010 15:00	700			
10/3/2010 16:00	500			
10/3/2010 17:00	200			
10/3/2010 18:00	100			
10/3/2010 19:00	100			
10/3/2010 20:00	0			
10/3/2010 21:00	100			
10/3/2010 22:00	0			
10/3/2010 23:00	0			
10/4/2010 0:00	0			
10/4/2010 1:00	100			
10/4/2010 2:00	0			
10/4/2010 3:00	0			
10/4/2010 4:00	0			
10/4/2010 5:00	100			
10/4/2010 6:00	0			
10/4/2010 7:00	0			
10/4/2010 8:00	100			
10/4/2010 9:00	0			
10/4/2010 10:00	0			
10/4/2010 11:00	0			
10/4/2010 12:00	0			
10/4/2010 13:00	0			
10/4/2010 14:00	0			
10/4/2010 15:00	30800			
10/4/2010 16:00	21200			
10/4/2010 17:00	11800			
10/4/2010 18:00	8200			
10/4/2010 19:00	4900			
10/4/2010 20:00	7100			
10/4/2010 21:00	12700			
10/4/2010 22:00	7000			
10/4/2010 23:00	3200			

10/5/2010 0:00	2500			
10/5/2010 1:00	1800			
10/5/2010 2:00	1200			
10/5/2010 3:00	1500			
10/5/2010 4:00	5300			
10/5/2010 5:00	8700			
10/5/2010 6:00	4300			
10/5/2010 7:00	2400			
10/5/2010 8:00	2300			
10/5/2010 9:00	94200			
10/5/2010 10:00	23400			
10/5/2010 11:00	12800			
10/5/2010 12:00	9800			
10/5/2010 13:00	4700			
10/5/2010 14:00	2600			
10/5/2010 15:00	10600			
10/5/2010 16:00	18200			
10/5/2010 17:00	12100			
10/5/2010 18:00	12700			
10/5/2010 19:00	4900			
10/5/2010 20:00	2500			
10/5/2010 21:00	1600			
10/5/2010 22:00	1200			
10/5/2010 23:00	1300			
10/6/2010 0:00	1100			
10/6/2010 1:00	900			
10/6/2010 2:00	600			
10/6/2010 3:00	600			
10/6/2010 4:00	400			
10/6/2010 5:00	400			
10/6/2010 6:00	400			
10/6/2010 7:00	300			
10/6/2010 8:00	300			
10/6/2010 9:00	200			
10/6/2010 10:00	900			
10/6/2010 11:00	500			
10/6/2010 12:00	200			
10/6/2010 13:00	100			
10/6/2010 14:00	100			
10/6/2010 15:00	0			
10/6/2010 16:00	0			
10/6/2010 17:00	100			
10/6/2010 18:00	0			
10/6/2010 19:00	100			
10/6/2010 20:00	0			
10/6/2010 21:00	100			
10/6/2010 22:00	0			
10/6/2010 23:00	0			
10/7/2010 0:00	100			
10/7/2010 1:00	0			
10/7/2010 2:00	100			
10/7/2010 3:00	0			
10/7/2010 4:00	0			
10/7/2010 5:00	0			
10/7/2010 6:00	100			
10/7/2010 7:00	0			
10/7/2010 8:00	0			
10/7/2010 9:00	0			
10/7/2010 10:00	0			

10/7/2010 11:00	100	1		
10/7/2010 12:00	0			
10/7/2010 13:00	0			
10/7/2010 14:00	0			
10/7/2010 15:00	0			
10/7/2010 16:00	0			
10/7/2010 17:00	0			
10/7/2010 18:00	0			
10/7/2010 19:00	0			
10/7/2010 20:00	0			
10/7/2010 21:00	0			
10/7/2010 22:00	0			
10/7/2010 23:00	0			
10/8/2010 0:00	0			
10/8/2010 1:00	0			
10/8/2010 2:00	0			
10/8/2010 3:00	0			
10/8/2010 4:00	0			
10/8/2010 5:00	0			
10/8/2010 6:00	0			
10/8/2010 7:00	0			
10/8/2010 8:00	0			
10/8/2010 9:00	100			
10/8/2010 10:00	100			
10/8/2010 11:00	0			
10/8/2010 12:00	0			
10/8/2010 13:00	0			
10/8/2010 14:00	0			
10/8/2010 15:00	0			
10/8/2010 16:00	0			
10/8/2010 17:00	0			
10/8/2010 18:00	0			
10/8/2010 19:00	0			
10/8/2010 20:00	100			
10/8/2010 21:00	0			
10/8/2010 22:00	0			
10/8/2010 23:00	0			
10/9/2010 0:00	100			
10/9/2010 1:00	0			
10/9/2010 2:00	0			
10/9/2010 3:00	100			
10/9/2010 4:00	100			
10/9/2010 5:00	0			
10/9/2010 6:00	0			
10/9/2010 7:00	0			
10/9/2010 8:00	0			
10/9/2010 9:00	0			
10/9/2010 10:00	100	1		
10/9/2010 11:00	0			
10/9/2010 12:00	0			
10/9/2010 13:00	0			
10/9/2010 14:00	0			
10/9/2010 15:00	0			
10/9/2010 16:00	0			
10/9/2010 17:00	0			
10/9/2010 18:00	0			
10/9/2010 19:00	0			
10/9/2010 20:00	0			
10/9/2010 21:00	0			

10/9/2010 22:00	0			
10/9/2010 23:00	0			
10/10/2010 0:00	0			
10/10/2010 1:00	0			
10/10/2010 2:00	0			
10/10/2010 3:00	0			
10/10/2010 4:00	0			
10/10/2010 5:00	0			
10/10/2010 6:00	0			
10/10/2010 7:00	0			
10/10/2010 8:00	0			
10/10/2010 9:00	0			
10/10/2010 10:00	0			
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10/12/2010 5:00	200			
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10/14/2010 3:00	26300			
10/14/2010 4:00	11400			
10/14/2010 5:00	4400			
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10/21/2010 2:00	33800			
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10/23/2010 22:00	19400			
10/23/2010 23:00	8500			
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12/1/2010 15:00	5800			
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12/1/2010 18:00	5700			
12/1/2010 19:00	5200			
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12/1/2010 21:00	4400			
12/1/2010 22:00	4100			
12/1/2010 23:00	3700			
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12/2/2010 3:00	2400			
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12/2/2010 6:00	1700			
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12/2/2010 9:00	1300			
12/2/2010 10:00	1400			
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12/2/2010 12:00	2200			
12/2/2010 13:00	3100			
12/2/2010 14:00	3900			
12/2/2010 15:00	3900			
12/2/2010 16:00	3700			
12/2/2010 17:00	3100			
12/2/2010 18:00	2300			
12/2/2010 19:00	1600			
12/2/2010 20:00	1100			
12/2/2010 21:00	900			
12/2/2010 22:00	700			
12/2/2010 23:00	400			
12/3/2010 0:00	400			

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12/3/2010 2:00	200			
12/3/2010 3:00	100			
12/3/2010 4:00	100			
12/3/2010 5:00	100			
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12/4/2010 2:00	0			
12/4/2010 3:00	0			
12/4/2010 4:00	0			
12/4/2010 5:00	500			
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12/4/2010 15:00	1900			
12/4/2010 16:00	1600			
12/4/2010 17:00	1300			
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12/4/2010 20:00	400			
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12/5/2010 2:00	0			
12/5/2010 3:00	0			
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12/5/2010 17:00	0			
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12/5/2010 22:00	0			
12/5/2010 23:00	0			
12/6/2010 0:00	0			
12/6/2010 1:00	0			
12/6/2010 2:00	0			
12/6/2010 3:00	0			
12/6/2010 4:00	300			**Light Snow, 28 degrees**
12/6/2010 5:00	0			
12/6/2010 6:00	100			
12/6/2010 7:00	0			
12/6/2010 8:00	0			
12/6/2010 9:00	200			
12/6/2010 10:00	3100			
12/6/2010 11:00	3400			
12/6/2010 12:00	2900			
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12/6/2010 14:00	4300			
12/6/2010 15:00	6200			
12/6/2010 16:00	5500			
12/6/2010 17:00	5200			
12/6/2010 18:00	5200			
12/6/2010 19:00	6000			
12/6/2010 20:00	6000			
12/6/2010 21:00	6000			
12/6/2010 22:00	8300			
12/6/2010 23:00	9200			
12/7/2010 0:00	9300			**Light Snow, 28 degrees**
12/7/2010 1:00	6100			
12/7/2010 2:00	0		**Chute Plugged**	
12/7/2010 3:00	0			
12/7/2010 4:00	0			
12/7/2010 5:00	0			
12/7/2010 6:00	0			
12/7/2010 7:00	0			
12/7/2010 8:00	0			
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12/7/2010 10:00	0			
12/7/2010 11:00	100			
12/7/2010 12:00	0			
12/7/2010 13:00	0			
12/7/2010 14:00	100			
12/7/2010 15:00	100			
12/7/2010 16:00	100			
12/7/2010 17:00	0			
12/7/2010 18:00	100			
12/7/2010 19:00	100			
12/7/2010 20:00	200			
12/7/2010 21:00	200			
12/7/2010 22:00	100			

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12/8/2010 1:00	0			
12/8/2010 2:00	0			
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12/8/2010 19:00	0			
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12/11/2010 16:00	2200			
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12/11/2010 18:00	1200			
12/11/2010 19:00	700			
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12/12/2010 18:00	3600			
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12/13/2010 0:00	1000			
12/13/2010 1:00	700			
12/13/2010 2:00	500			
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12/13/2010 16:00	2200			
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12/13/2010 18:00	5300			
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12/13/2010 22:00	4000			
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12/14/2010 3:00	4100			
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12/26/2010 20:00	0			
12/26/2010 21:00	0			
12/26/2010 22:00	0			
12/26/2010 23:00	0			
12/27/2010 0:00	0			
12/27/2010 1:00	0			
12/27/2010 2:00	0			
12/27/2010 3:00	0			
12/27/2010 4:00	0			
12/27/2010 5:00	0			
12/27/2010 6:00	0			
12/27/2010 7:00	0			
12/27/2010 8:00	0			
12/27/2010 9:00	0			
12/27/2010 10:00	0			
12/27/2010 11:00	0			
12/27/2010 12:00	0			
12/27/2010 13:00	0			
12/27/2010 14:00	0			

12/27/2010 15:00	0			
12/27/2010 16:00	0			
12/27/2010 17:00	0			
12/27/2010 18:00	0			
12/27/2010 19:00	0			
12/27/2010 20:00	0			
12/27/2010 21:00	0			
12/27/2010 22:00	0			
12/27/2010 23:00	0			
12/28/2010 0:00	0			
12/28/2010 1:00	0			
12/28/2010 2:00	0			
12/28/2010 3:00	0			
12/28/2010 4:00	0			
12/28/2010 5:00	0			
12/28/2010 6:00	0			
12/28/2010 7:00	0			
12/28/2010 8:00	0			
12/28/2010 9:00	0			
12/28/2010 10:00	0			
12/28/2010 11:00	0			
12/28/2010 12:00	0			
12/28/2010 13:00	0			
12/28/2010 14:00	0			
12/28/2010 15:00	0			
12/28/2010 16:00	0			
12/28/2010 17:00	0			
12/28/2010 18:00	0			
12/28/2010 19:00	0			
12/28/2010 20:00	0			
12/28/2010 21:00	0			
12/28/2010 22:00	0			
12/28/2010 23:00	0			
12/29/2010 0:00	0			
12/29/2010 1:00	0			
12/29/2010 2:00	0			
12/29/2010 3:00	0			
12/29/2010 4:00	0			
12/29/2010 5:00	0			
12/29/2010 6:00	0			
12/29/2010 7:00	0			
12/29/2010 8:00	0			
12/29/2010 9:00	0			
12/29/2010 10:00	0			
12/29/2010 11:00	0			
12/29/2010 12:00	0			
12/29/2010 13:00	0			
12/29/2010 14:00	0			
12/29/2010 15:00	0			
12/29/2010 16:00	0			
12/29/2010 17:00	0			
12/29/2010 18:00	0			
12/29/2010 19:00	0			
12/29/2010 20:00	0			
12/29/2010 21:00	0			
12/29/2010 22:00	0			
12/29/2010 23:00	0			
12/30/2010 0:00	0			
12/30/2010 1:00	0			

12/30/2010 2:00	0			
12/30/2010 3:00	0			
12/30/2010 4:00	0			
12/30/2010 5:00	0			
12/30/2010 6:00	0			
12/30/2010 7:00	0			
12/30/2010 8:00	0			
12/30/2010 9:00	0			
12/30/2010 10:00	0			
12/30/2010 11:00	0			
12/30/2010 12:00	0			
12/30/2010 13:00	0			
12/30/2010 14:00	0			
12/30/2010 15:00	0			
12/30/2010 16:00	300			
12/30/2010 17:00	1400			
12/30/2010 18:00	1000			
12/30/2010 19:00	800			
12/30/2010 20:00	1000			
12/30/2010 21:00	1300			
12/30/2010 22:00	1900			
12/30/2010 23:00	2200			
12/31/2010 0:00	1700			
1/1/2011 0:00	100			**light rain 55 degrees**
1/1/2011 1:00	500			
1/1/2011 2:00	200			
1/1/2011 3:00	100			
1/1/2011 4:00	0			
1/1/2011 5:00	0			
1/1/2011 6:00	0			
1/1/2011 7:00	0			
1/1/2011 8:00	0			
1/1/2011 9:00	2400			
1/1/2011 10:00	11600			
1/1/2011 11:00	10000			
1/1/2011 12:00	16300			
1/1/2011 13:00	18700			
1/1/2011 14:00	20700			
1/1/2011 15:00	14600			
1/1/2011 16:00	5500			
1/1/2011 17:00	2400			
1/1/2011 18:00	1200			
1/1/2011 19:00	400	1		
1/1/2011 20:00	0			
1/1/2011 21:00	0			
1/1/2011 22:00	0			
1/1/2011 23:00	0			
1/2/2011 0:00	0			
1/2/2011 1:00	0			
1/2/2011 2:00	0			
1/2/2011 3:00	0			
1/2/2011 4:00	0			
1/2/2011 5:00	0			
1/2/2011 6:00	0			
1/2/2011 7:00	0			
1/2/2011 8:00	0			
1/2/2011 9:00	0			
1/2/2011 10:00	0			
1/2/2011 11:00	0			

1/2/2011 12:00	0			
1/2/2011 13:00	0			
1/2/2011 14:00	0			
1/2/2011 15:00	0			
1/2/2011 16:00	0			
1/2/2011 17:00	0			
1/2/2011 18:00	0			
1/2/2011 19:00	0			
1/2/2011 20:00	0			
1/2/2011 21:00	0			
1/2/2011 22:00	0			
1/2/2011 23:00	0			
1/3/2011 0:00	0			
1/3/2011 1:00	0			
1/3/2011 2:00	0			
1/3/2011 3:00	0			
1/3/2011 4:00	0			
1/3/2011 5:00	0			
1/3/2011 6:00	0			
1/3/2011 7:00	0			
1/3/2011 8:00	0			
1/3/2011 9:00	0			
1/3/2011 10:00	0			
1/3/2011 11:00	0			
1/3/2011 12:00	0			
1/3/2011 13:00	0			
1/3/2011 14:00	0			
1/3/2011 15:00	0			
1/3/2011 16:00	0			
1/3/2011 17:00	0			
1/3/2011 18:00	0			
1/3/2011 19:00	0			
1/3/2011 20:00	0			
1/3/2011 21:00	0			
1/3/2011 22:00	0			
1/3/2011 23:00	0			
1/4/2011 0:00	0			
1/4/2011 1:00	0			
1/4/2011 2:00	0			
1/4/2011 3:00	0			
1/4/2011 4:00	0			
1/4/2011 5:00	0			
1/4/2011 6:00	0			
1/4/2011 7:00	0			
1/4/2011 8:00	0			
1/4/2011 9:00	0			
1/4/2011 10:00	0			
1/4/2011 11:00	0			
1/4/2011 12:00	0			
1/4/2011 13:00	0			
1/4/2011 14:00	0			
1/4/2011 15:00	0			
1/4/2011 16:00	200			**Light Snow 33 degrees**
1/4/2011 17:00	600			
1/4/2011 18:00	500			
1/4/2011 19:00	200			
1/4/2011 20:00	100			
1/4/2011 21:00	100	1		
1/4/2011 22:00	0			

1/4/2011 23:00	0			
1/5/2011 0:00	0			
1/5/2011 1:00	0			
1/5/2011 2:00	0			
1/5/2011 3:00	0			
1/5/2011 4:00	0			
1/5/2011 5:00	0			
1/5/2011 6:00	0			
1/5/2011 7:00	0			
1/5/2011 8:00	0			
1/5/2011 9:00	0			
1/5/2011 10:00	0			
1/5/2011 11:00	0			
1/5/2011 12:00	0			
1/5/2011 13:00	0			
1/5/2011 14:00	0			
1/5/2011 15:00	400			**No Precip 30 degrees**
1/5/2011 16:00	100			
1/5/2011 17:00	0			
1/5/2011 18:00	0			
1/5/2011 19:00	0			
1/5/2011 20:00	0			
1/5/2011 21:00	0			
1/5/2011 22:00	0			
1/5/2011 23:00	0			
1/6/2011 0:00	0			
1/6/2011 1:00	0			
1/6/2011 2:00	0			
1/6/2011 3:00	0			
1/6/2011 4:00	0			
1/6/2011 5:00	0			
1/6/2011 6:00	0			
1/6/2011 7:00	0			
1/6/2011 8:00	0			
1/6/2011 9:00	0			
1/6/2011 10:00	0			
1/6/2011 11:00	0			
1/6/2011 12:00	0			
1/6/2011 13:00	0			
1/6/2011 14:00	0			
1/6/2011 15:00	0			
1/6/2011 16:00	0			
1/6/2011 17:00	0			
1/6/2011 18:00	0			
1/6/2011 19:00	0			
1/6/2011 20:00	0			
1/6/2011 21:00	0			
1/6/2011 22:00	0			
1/6/2011 23:00	0			
1/7/2011 0:00	0			
1/7/2011 1:00	0			
1/7/2011 2:00	0			
1/7/2011 3:00	0			
1/7/2011 4:00	0			
1/7/2011 5:00	0			
1/7/2011 6:00	0			
1/7/2011 7:00	0			
1/7/2011 8:00	0			
1/7/2011 9:00	0			

1/7/2011 10:00	0			
1/7/2011 11:00	0			
1/7/2011 12:00	0			
1/7/2011 13:00	0			
1/7/2011 14:00	0			
1/7/2011 15:00	0			
1/7/2011 16:00	0			
1/7/2011 17:00	0			
1/7/2011 18:00	0			
1/7/2011 19:00	0			
1/7/2011 20:00	0			
1/7/2011 21:00	0			
1/7/2011 22:00	0			
1/7/2011 23:00	0			
1/8/2011 0:00	0			
1/8/2011 1:00	0			
1/8/2011 2:00	0			
1/8/2011 3:00	0			
1/8/2011 4:00	0			
1/8/2011 5:00	0			
1/8/2011 6:00	0			
1/8/2011 7:00	0			
1/8/2011 8:00	0			
1/8/2011 9:00	0			
1/8/2011 10:00	0			
1/8/2011 11:00	0			
1/8/2011 12:00	0			
1/8/2011 13:00	0			
1/8/2011 14:00	0			
1/8/2011 15:00	0			
1/8/2011 16:00	0			
1/8/2011 17:00	0			
1/8/2011 18:00	0			
1/8/2011 19:00	0			
1/8/2011 20:00	0			
1/8/2011 21:00	0			
1/8/2011 22:00	0			
1/8/2011 23:00	0			
1/9/2011 0:00	0			
1/9/2011 1:00	0			
1/9/2011 2:00	0			
1/9/2011 3:00	0			
1/9/2011 4:00	0			
1/9/2011 5:00	0			
1/9/2011 6:00	0			
1/9/2011 7:00	0			
1/9/2011 8:00	0			
1/9/2011 9:00	0			
1/9/2011 10:00	0			
1/9/2011 11:00	0			
1/9/2011 12:00	0			
1/9/2011 13:00	0			
1/9/2011 14:00	0			
1/9/2011 15:00	0			
1/9/2011 16:00	0			
1/9/2011 17:00	0			
1/9/2011 18:00	0			
1/9/2011 19:00	0			
1/9/2011 20:00	0			

1/9/2011 21:00	0			
1/9/2011 22:00	0			
1/9/2011 23:00	0			
1/10/2011 0:00	0			
1/10/2011 1:00	0			
1/10/2011 2:00	0			
1/10/2011 3:00	0			
1/10/2011 4:00	0			
1/10/2011 5:00	0			
1/10/2011 6:00	0			
1/10/2011 7:00	0			
1/10/2011 8:00	0			
1/10/2011 9:00	0			
1/10/2011 10:00	0			
1/10/2011 11:00	0			
1/10/2011 12:00	0			
1/10/2011 13:00	0			
1/10/2011 14:00	0			
1/10/2011 15:00	0			
1/10/2011 16:00	0			
1/10/2011 17:00	0			
1/10/2011 18:00	0			
1/10/2011 19:00	0			
1/10/2011 20:00	0			
1/10/2011 21:00	0			
1/10/2011 22:00	0			
1/10/2011 23:00	0			
1/11/2011 0:00	0			
1/11/2011 1:00	0			
1/11/2011 2:00	0			
1/11/2011 3:00	0			
1/11/2011 4:00	0			
1/11/2011 5:00	0			
1/11/2011 6:00	0			
1/11/2011 7:00	0			
1/11/2011 8:00	0			
1/11/2011 9:00	0			
1/11/2011 10:00	0			
1/11/2011 11:00	0			
1/11/2011 12:00	0			
1/11/2011 13:00	0			
1/11/2011 14:00	0			
1/11/2011 15:00	0			
1/11/2011 16:00	0			
1/11/2011 17:00	0			
1/11/2011 18:00	0			
1/11/2011 19:00	0			
1/11/2011 20:00	0			
1/11/2011 21:00	0			
1/11/2011 22:00	0			
1/11/2011 23:00	0			
1/12/2011 0:00	0			
1/12/2011 1:00	0			
1/12/2011 2:00	0			
1/12/2011 3:00	0			
1/12/2011 4:00	0			
1/12/2011 5:00	0			
1/12/2011 6:00	0			
1/12/2011 7:00	0			

1/12/2011 8:00	0			
1/12/2011 9:00	0			
1/12/2011 10:00	200			**light snow 21 degrees**
1/12/2011 11:00	0			
1/12/2011 12:00	2400			
1/12/2011 13:00	3200			
1/12/2011 14:00	6800			
1/12/2011 15:00	13900			
1/12/2011 16:00	15800			
1/12/2011 17:00	13800			
1/12/2011 18:00	15100			
1/12/2011 19:00	10500			
1/12/2011 20:00	11100			
1/12/2011 21:00	11100			
1/12/2011 22:00	9100			
1/12/2011 23:00	6900			
1/13/2011 0:00	8300			
1/13/2011 1:00	5600			
1/13/2011 2:00	100			
1/13/2011 3:00	200			
1/13/2011 4:00	200			
1/13/2011 5:00	200			
1/13/2011 6:00	300			
1/13/2011 7:00	300			
1/13/2011 8:00	300			
1/13/2011 9:00	400			
1/13/2011 10:00	300			
1/13/2011 11:00	300			
1/13/2011 12:00	300			
1/13/2011 13:00	200			
1/13/2011 14:00	300			
1/13/2011 15:00	200			
1/13/2011 16:00	400			
1/13/2011 17:00	400			
1/13/2011 18:00	400			
1/13/2011 19:00	400			
1/13/2011 20:00	400			
1/13/2011 21:00	400			
1/13/2011 22:00	300			
1/13/2011 23:00	300			
1/14/2011 0:00	300			
1/14/2011 1:00	400			
1/14/2011 2:00	300			
1/14/2011 3:00	300			
1/14/2011 4:00	300			
1/14/2011 5:00	300			
1/14/2011 6:00	200			
1/14/2011 7:00	300			
1/14/2011 8:00	200			
1/14/2011 9:00	200			
1/14/2011 10:00	0			
1/14/2011 11:00	0			
1/14/2011 12:00	100			
1/14/2011 13:00	0			
1/14/2011 14:00	100			
1/14/2011 15:00	400			
1/14/2011 16:00	600			
1/14/2011 17:00	600			
1/14/2011 18:00	400			

1/14/2011 19:00	200			
1/14/2011 20:00	200			
1/14/2011 21:00	300			
1/14/2011 22:00	100	1		
1/14/2011 23:00	0			
1/15/2011 0:00	0			
1/15/2011 1:00	0			
1/15/2011 2:00	0			
1/15/2011 3:00	0			
1/15/2011 4:00	0			
1/15/2011 5:00	0			
1/15/2011 6:00	0			
1/15/2011 7:00	0			
1/15/2011 8:00	0			
1/15/2011 9:00	0			
1/15/2011 10:00	0			
1/15/2011 11:00	0			
1/15/2011 12:00	0			
1/15/2011 13:00	0			
1/15/2011 14:00	0			
1/15/2011 15:00	0			
1/15/2011 16:00	0			
1/15/2011 17:00	0			
1/15/2011 18:00	0			
1/15/2011 19:00	0			
1/15/2011 20:00	0			
1/15/2011 21:00	0			
1/15/2011 22:00	0			
1/15/2011 23:00	0			
1/16/2011 0:00	0			
1/16/2011 1:00	0			
1/16/2011 2:00	0			
1/16/2011 3:00	0			
1/16/2011 4:00	0			
1/16/2011 5:00	0			
1/16/2011 6:00	0			
1/16/2011 7:00	0			
1/16/2011 8:00	0			
1/16/2011 9:00	0			
1/16/2011 10:00	0			
1/16/2011 11:00	0			
1/16/2011 12:00	0			
1/16/2011 13:00	0			
1/16/2011 14:00	0			
1/16/2011 15:00	0			
1/16/2011 16:00	0			
1/16/2011 17:00	0			
1/16/2011 18:00	0			
1/16/2011 19:00	0			
1/16/2011 20:00	0			
1/16/2011 21:00	0			
1/16/2011 22:00	0			
1/16/2011 23:00	0			
1/17/2011 0:00	0			
1/17/2011 1:00	0			
1/17/2011 2:00	0			
1/17/2011 3:00	0			
1/17/2011 4:00	0			
1/17/2011 5:00	0			

1/17/2011 6:00	0			
1/17/2011 7:00	0			
1/17/2011 8:00	0			
1/17/2011 9:00	0			
1/17/2011 10:00	0			
1/17/2011 11:00	0			
1/17/2011 12:00	0			
1/17/2011 13:00	0			
1/17/2011 14:00	0			
1/17/2011 15:00	0			
1/17/2011 16:00	0			
1/17/2011 17:00	0			
1/17/2011 18:00	0			
1/17/2011 19:00	0			
1/17/2011 20:00	0			
1/17/2011 21:00	0			
1/17/2011 22:00	0			
1/17/2011 23:00	0			
1/18/2011 0:00	0			**Light Rain/Light Snow 39 degree**
1/18/2011 1:00	0			
1/18/2011 2:00	0			
1/18/2011 3:00	0			
1/18/2011 4:00	0			
1/18/2011 5:00	0			
1/18/2011 6:00	0			
1/18/2011 7:00	0			
1/18/2011 8:00	0			
1/18/2011 9:00	0			
1/18/2011 10:00	0			
1/18/2011 11:00	0			
1/18/2011 12:00	0			
1/18/2011 13:00	500			
1/18/2011 14:00	2300			
1/18/2011 15:00	5300			
1/18/2011 16:00	5500			
1/18/2011 17:00	4600			
1/18/2011 18:00	3800			
1/18/2011 19:00	6400			
1/18/2011 20:00	12600			
1/18/2011 21:00	11300			
1/18/2011 22:00	9200			
1/18/2011 23:00	6400			
1/19/2011 0:00	4100			**Light freezing Rain 33 degrees**
1/19/2011 1:00	3100			
1/19/2011 2:00	3100			
1/19/2011 3:00	3200			
1/19/2011 4:00	2500			
1/19/2011 5:00	1300			
1/19/2011 6:00	800			
1/19/2011 7:00	500			
1/19/2011 8:00	400			
1/19/2011 9:00	200			
1/19/2011 10:00	100	1		
1/19/2011 11:00	0			
1/19/2011 12:00	0			
1/19/2011 13:00	0			
1/19/2011 14:00	0			
1/19/2011 15:00	0			
1/19/2011 16:00	0			

1/19/2011 17:00	0			
1/19/2011 18:00	0			
1/19/2011 19:00	0			
1/19/2011 20:00	0			
1/19/2011 21:00	0			
1/19/2011 22:00	0			
1/19/2011 23:00	0			
1/20/2011 0:00	0			
1/20/2011 1:00	0			
1/20/2011 2:00	0			
1/20/2011 3:00	0			
1/20/2011 4:00	0			
1/20/2011 5:00	0			
1/20/2011 6:00	0			
1/20/2011 7:00	0			
1/20/2011 8:00	0			
1/20/2011 9:00	0			
1/20/2011 10:00	0			
1/20/2011 11:00	0			
1/20/2011 12:00	0			
1/20/2011 13:00	0			
1/20/2011 14:00	0			
1/20/2011 15:00	0			
1/20/2011 16:00	0			
1/20/2011 17:00	0			
1/20/2011 18:00	0			
1/20/2011 19:00	0			
1/20/2011 20:00	0			
1/20/2011 21:00	0			
1/20/2011 22:00	0			
1/20/2011 23:00	0			
1/21/2011 0:00	0			**Light Snow 19 degrees**
1/21/2011 1:00	0			
1/21/2011 2:00	0			
1/21/2011 3:00	0			
1/21/2011 4:00	0			
1/21/2011 5:00	0			
1/21/2011 6:00	0			
1/21/2011 7:00	0			
1/21/2011 8:00	0			
1/21/2011 9:00	0			
1/21/2011 10:00	0			
1/21/2011 11:00	0			
1/21/2011 12:00	0			
1/21/2011 13:00	0			
1/21/2011 14:00	0			
1/21/2011 15:00	0			
1/21/2011 16:00	0			
1/21/2011 17:00	0			
1/21/2011 18:00	0			
1/21/2011 19:00	100			
1/21/2011 20:00	100			
1/21/2011 21:00	0			
1/21/2011 22:00	0			
1/21/2011 23:00	0			
1/22/2011 0:00	100			**Light Snow 21 degrees**
1/22/2011 1:00	0			
1/22/2011 2:00	0			
1/22/2011 3:00	0			

1/22/2011 4:00	0			
1/22/2011 5:00	100			
1/22/2011 6:00	0			
1/22/2011 7:00	100			
1/22/2011 8:00	100			
1/22/2011 9:00	100	1		
1/22/2011 10:00	0			
1/22/2011 11:00	0			
1/22/2011 12:00	0			
1/22/2011 13:00	0			
1/22/2011 14:00	0			
1/22/2011 15:00	0			
1/22/2011 16:00	0			
1/22/2011 17:00	0			
1/22/2011 18:00	0			
1/22/2011 19:00	0			
1/22/2011 20:00	0			
1/22/2011 21:00	0			
1/22/2011 22:00	100			
1/22/2011 23:00	1900			
1/23/2011 0:00	1900			Light Snow 14 degrees
1/23/2011 1:00	900			
1/23/2011 2:00	900			
1/23/2011 3:00	4300			
1/23/2011 4:00	11500			
1/23/2011 5:00	13400			
1/23/2011 6:00	13900			
1/23/2011 7:00	14000			
1/23/2011 8:00	14000			
1/23/2011 9:00	21700			
1/23/2011 10:00	27600			
1/23/2011 11:00	26200			
1/23/2011 12:00	26000			
1/23/2011 13:00	24600			
1/23/2011 14:00	23500			
1/23/2011 15:00	22100			
1/23/2011 16:00	22000			
1/23/2011 17:00	20200			
1/23/2011 18:00	19500			
1/23/2011 19:00	18700			
1/23/2011 20:00	17300			
1/23/2011 21:00	16800			
1/23/2011 22:00	15700			
1/23/2011 23:00	15000			
1/24/2011 0:00	14700			
1/24/2011 1:00	14900		**Echo Loss/Clean chute**	
1/24/2011 2:00	5600			
1/24/2011 3:00	0			
1/24/2011 4:00	0			
1/24/2011 5:00	0			
1/24/2011 6:00	0			
1/24/2011 7:00	0			
1/24/2011 8:00	0			
1/24/2011 9:00	0			
1/24/2011 10:00	0			
1/24/2011 11:00	0			
1/24/2011 12:00	0			
1/24/2011 13:00	0			
1/24/2011 14:00	0			

1/24/2011 15:00	0			
1/24/2011 16:00	0			
1/24/2011 17:00	0			
1/24/2011 18:00	0			
1/24/2011 19:00	0			
1/24/2011 20:00	0			
1/24/2011 21:00	0			
1/24/2011 22:00	0			
1/24/2011 23:00	0			
1/25/2011 0:00	0			**Freezing Drizzle/Light Snow 32 deg**
1/25/2011 1:00	0			
1/25/2011 2:00	0			
1/25/2011 3:00	0			
1/25/2011 4:00	0			
1/25/2011 5:00	0			
1/25/2011 6:00	0			
1/25/2011 7:00	0			
1/25/2011 8:00	100			
1/25/2011 9:00	500			
1/25/2011 10:00	500			
1/25/2011 11:00	500			
1/25/2011 12:00	500			
1/25/2011 13:00	500			
1/25/2011 14:00	600			
1/25/2011 15:00	500			
1/25/2011 16:00	500			
1/25/2011 17:00	600			
1/25/2011 18:00	700			
1/25/2011 19:00	700			
1/25/2011 20:00	600			
1/25/2011 21:00	600			
1/25/2011 22:00	500			
1/25/2011 23:00	500			
1/26/2011 0:00	400			
1/26/2011 1:00	400			
1/26/2011 2:00	300			
1/26/2011 3:00	300			
1/26/2011 4:00	200			
1/26/2011 5:00	200			
1/26/2011 6:00	200			
1/26/2011 7:00	200			
1/26/2011 8:00	100			
1/26/2011 9:00	100			
1/26/2011 10:00	100			
1/26/2011 11:00	0			
1/26/2011 12:00	0			
1/26/2011 13:00	100			
1/26/2011 14:00	400			
1/26/2011 15:00	600			
1/26/2011 16:00	800			
1/26/2011 17:00	800			
1/26/2011 18:00	800			
1/26/2011 19:00	500			
1/26/2011 20:00	300			
1/26/2011 21:00	200			
1/26/2011 22:00	200			
1/26/2011 23:00	0			
1/27/2011 0:00	100	1		Light Snow 30 degrees
1/27/2011 1:00	0			

1/27/2011 2:00	0			
1/27/2011 3:00	0			
1/27/2011 4:00	0			
1/27/2011 5:00	0			
1/27/2011 6:00	0			
1/27/2011 7:00	0			
1/27/2011 8:00	0			
1/27/2011 9:00	0			
1/27/2011 10:00	0			
1/27/2011 11:00	0			
1/27/2011 12:00	0			
1/27/2011 13:00	0			
1/27/2011 14:00	0			
1/27/2011 15:00	400			
1/27/2011 16:00	400			
1/27/2011 17:00	300			
1/27/2011 18:00	200			
1/27/2011 19:00	100	1		
1/27/2011 20:00	0			
1/27/2011 21:00	0			
1/27/2011 22:00	0			
1/27/2011 23:00	0			
1/28/2011 0:00	0			
1/28/2011 1:00	0			
1/28/2011 2:00	0			
1/28/2011 3:00	0			
1/28/2011 4:00	0			
1/28/2011 5:00	0			
1/28/2011 6:00	0			
1/28/2011 7:00	0			
1/28/2011 8:00	0			
1/28/2011 9:00	0			
1/28/2011 10:00	0			
1/28/2011 11:00	0			
1/28/2011 12:00	0			
1/28/2011 13:00	0			
1/28/2011 14:00	0			
1/28/2011 15:00	0			
1/28/2011 16:00	0			
1/28/2011 17:00	0			
1/28/2011 18:00	0			
1/28/2011 19:00	0			
1/28/2011 20:00	0			
1/28/2011 21:00	0			
1/28/2011 22:00	0			
1/28/2011 23:00	0			
1/29/2011 0:00	0			
1/29/2011 1:00	0			
1/29/2011 2:00	0			
1/29/2011 3:00	0			
1/29/2011 4:00	0			
1/29/2011 5:00	0			
1/29/2011 6:00	0			
1/29/2011 7:00	0			
1/29/2011 8:00	0			
1/29/2011 9:00	0			
1/29/2011 10:00	0			
1/29/2011 11:00	0			
1/29/2011 12:00	0			

1/29/2011 13:00	0			
1/29/2011 14:00	0			
1/29/2011 15:00	0			
1/29/2011 16:00	0			
1/29/2011 17:00	0			
1/29/2011 18:00	0			
1/29/2011 19:00	0			
1/29/2011 20:00	0			
1/29/2011 21:00	0			
1/29/2011 22:00	0			
1/29/2011 23:00	0			
1/30/2011 0:00	0			
1/30/2011 1:00	0			
1/30/2011 2:00	0			
1/30/2011 3:00	0			
1/30/2011 4:00	0			
1/30/2011 5:00	0			
1/30/2011 6:00	0			
1/30/2011 7:00	0			
1/30/2011 8:00	0			
1/30/2011 9:00	0			
1/30/2011 10:00	0			
1/30/2011 11:00	0			
1/30/2011 12:00	0			
1/30/2011 13:00	0			
1/30/2011 14:00	0			
1/30/2011 15:00	0			
1/30/2011 16:00	0			
1/30/2011 17:00	0			
1/30/2011 18:00	0			
1/30/2011 19:00	0			
1/30/2011 20:00	0			
1/30/2011 21:00	0			
1/30/2011 22:00	0			
1/30/2011 23:00	0			
1/31/2011 0:00	0			
1/31/2011 1:00	0			
1/31/2011 2:00	0			
1/31/2011 3:00	0			
1/31/2011 4:00	0			
1/31/2011 5:00	0			
1/31/2011 6:00	0			
1/31/2011 7:00	0			
1/31/2011 8:00	0			
1/31/2011 9:00	0			
1/31/2011 10:00	0			
1/31/2011 11:00	0			
1/31/2011 12:00	0			
1/31/2011 13:00	0			
1/31/2011 14:00	0			
1/31/2011 15:00	0			
1/31/2011 16:00	0			
1/31/2011 17:00	0			
1/31/2011 18:00	0			
1/31/2011 19:00	0			
1/31/2011 20:00	0			
1/31/2011 21:00	0			
1/31/2011 22:00	0			
1/31/2011 23:00	0			

2/1/2011 0:00	0			**Light Snow 19 degrees**
2/1/2011 1:00	0			
2/1/2011 2:00	0			
2/1/2011 3:00	0			
2/1/2011 4:00	0			
2/1/2011 5:00	0			
2/1/2011 6:00	300			
2/1/2011 7:00	600			
2/1/2011 8:00	500			
2/1/2011 9:00	200			
2/1/2011 10:00	300			
2/1/2011 11:00	100			
2/1/2011 12:00	0			
2/1/2011 13:00	100			
2/1/2011 14:00	100			
2/1/2011 15:00	100			
2/1/2011 16:00	100			
2/1/2011 17:00	300			
2/1/2011 18:00	400			
2/1/2011 19:00	300			
2/1/2011 20:00	200			
2/1/2011 21:00	200			
2/1/2011 22:00	100			
2/1/2011 23:00	100			
2/2/2011 0:00	700			**Light Snow/Freezing Rain 25 degr**
2/2/2011 1:00	1600			
2/2/2011 2:00	1700			
2/2/2011 3:00	1800		**Clean Chute**	
2/2/2011 4:00	900			
2/2/2011 5:00	800			
2/2/2011 6:00	1600			
2/2/2011 7:00	2400			
2/2/2011 8:00	2000			
2/2/2011 9:00	2100			
2/2/2011 10:00	900			
2/2/2011 11:00	300			
2/2/2011 12:00	0			
2/2/2011 13:00	0			
2/2/2011 14:00	0			
2/2/2011 15:00	100			
2/2/2011 16:00	0			
2/2/2011 17:00	0			
2/2/2011 18:00	0			
2/2/2011 19:00	0			
2/2/2011 20:00	0			
2/2/2011 21:00	0			
2/2/2011 22:00	0			
2/2/2011 23:00	0			
2/3/2011 0:00	0			
2/3/2011 1:00	0			
2/3/2011 2:00	0			
2/3/2011 3:00	0			
2/3/2011 4:00	0			
2/3/2011 5:00	0			
2/3/2011 6:00	0			
2/3/2011 7:00	0			
2/3/2011 8:00	0			
2/3/2011 9:00	0			
2/3/2011 10:00	0			

2/3/2011 11:00	0			
2/3/2011 12:00	0			
2/3/2011 13:00	0			
2/3/2011 14:00	0			
2/3/2011 15:00	0			
2/3/2011 16:00	0			
2/3/2011 17:00	0			
2/3/2011 18:00	0			
2/3/2011 19:00	0			
2/3/2011 20:00	0			
2/3/2011 21:00	0			
2/3/2011 22:00	0			
2/3/2011 23:00	0			
2/4/2011 0:00	0			
2/4/2011 1:00	0			
2/4/2011 2:00	0			
2/4/2011 3:00	0			
2/4/2011 4:00	0			
2/4/2011 5:00	0			
2/4/2011 6:00	0			
2/4/2011 7:00	0			
2/4/2011 8:00	0			
2/4/2011 9:00	0			
2/4/2011 10:00	0			
2/4/2011 11:00	0			
2/4/2011 12:00	0			
2/4/2011 13:00	0			
2/4/2011 14:00	0			
2/4/2011 15:00	0			
2/4/2011 16:00	0			
2/4/2011 17:00	0			
2/4/2011 18:00	0			
2/4/2011 19:00	0			
2/4/2011 20:00	0			
2/4/2011 21:00	0			
2/4/2011 22:00	0			
2/4/2011 23:00	0			
2/5/2011 0:00	0			
2/5/2011 1:00	0			
2/5/2011 2:00	0			
2/5/2011 3:00	0			
2/5/2011 4:00	0			
2/5/2011 5:00	0			
2/5/2011 6:00	0			
2/5/2011 7:00	0			
2/5/2011 8:00	0			
2/5/2011 9:00	0			
2/5/2011 10:00	0			
2/5/2011 11:00	0			
2/5/2011 12:00	0			
2/5/2011 13:00	0			
2/5/2011 14:00	0			
2/5/2011 15:00	0			
2/5/2011 16:00	0			
2/5/2011 17:00	0			
2/5/2011 18:00	0			
2/5/2011 19:00	0			
2/5/2011 20:00	0			
2/5/2011 21:00	2800			

2/5/2011 22:00	5200			
2/5/2011 23:00	6400			
2/6/2011 0:00	10100			Light Snow 30 degrees
2/6/2011 1:00	8100			
2/6/2011 2:00	9000			
2/6/2011 3:00	13300			
2/6/2011 4:00	13600			
2/6/2011 5:00	13500			
2/6/2011 6:00	13300			
2/6/2011 7:00	13100			
2/6/2011 8:00	12700			
2/6/2011 9:00	6500			
2/6/2011 10:00	300			
2/6/2011 11:00	300			
2/6/2011 12:00	300			
2/6/2011 13:00	200			
2/6/2011 14:00	400			
2/6/2011 15:00	300			
2/6/2011 16:00	500			
2/6/2011 17:00	600			
2/6/2011 18:00	800			
2/6/2011 19:00	900			
2/6/2011 20:00	900			
2/6/2011 21:00	900			
2/6/2011 22:00	900			
2/6/2011 23:00	900			
2/7/2011 0:00	900			
2/7/2011 1:00	900			
2/7/2011 2:00	900			
2/7/2011 3:00	900			
2/7/2011 4:00	900			
2/7/2011 5:00	800			
2/7/2011 6:00	900			
2/7/2011 7:00	900			
2/7/2011 8:00	900			
2/7/2011 9:00	1000			
2/7/2011 10:00	800			
2/7/2011 11:00	900			
2/7/2011 12:00	1000			
2/7/2011 13:00	1100			
2/7/2011 14:00	1400			
2/7/2011 15:00	1600			
2/7/2011 16:00	2000			
2/7/2011 17:00	2000			
2/7/2011 18:00	2100			
2/7/2011 19:00	1900			
2/7/2011 20:00	1800			
2/7/2011 21:00	1400			
2/7/2011 22:00	1000			
2/7/2011 23:00	700			
2/8/2011 0:00	800			Light Snow 30 degrees
2/8/2011 1:00	700			
2/8/2011 2:00	800			
2/8/2011 3:00	800			
2/8/2011 4:00	900			
2/8/2011 5:00	700			
2/8/2011 6:00	700			
2/8/2011 7:00	600			
2/8/2011 8:00	500			

2/8/2011 9:00	400			
2/8/2011 10:00	300			
2/8/2011 11:00	0			
2/8/2011 12:00	0			
2/8/2011 13:00	100			
2/8/2011 14:00	0			
2/8/2011 15:00	100			
2/8/2011 16:00	0			
2/8/2011 17:00	100			
2/8/2011 18:00	0			
2/8/2011 19:00	100			
2/8/2011 20:00	100	1		
2/8/2011 21:00	0			
2/8/2011 22:00	0			
2/8/2011 23:00	0			
2/9/2011 0:00	0			
2/9/2011 1:00	0			
2/9/2011 2:00	0			
2/9/2011 3:00	0			
2/9/2011 4:00	0			
2/9/2011 5:00	0			
2/9/2011 6:00	0			
2/9/2011 7:00	0			
2/9/2011 8:00	0			
2/9/2011 9:00	0			
2/9/2011 10:00	0			
2/9/2011 11:00	0			
2/9/2011 12:00	0			
2/9/2011 13:00	0			
2/9/2011 14:00	0			
2/9/2011 15:00	0			
2/9/2011 16:00	0			
2/9/2011 17:00	0			
2/9/2011 18:00	0			
2/9/2011 19:00	0			
2/9/2011 20:00	0			
2/9/2011 21:00	0			
2/9/2011 22:00	0			
2/9/2011 23:00	0			
2/10/2011 0:00	0			
2/10/2011 1:00	0			
2/10/2011 2:00	0			
2/10/2011 3:00	0			
2/10/2011 4:00	0			
2/10/2011 5:00	0			
2/10/2011 6:00	0			
2/10/2011 7:00	0			
2/10/2011 8:00	0			
2/10/2011 9:00	0			
2/10/2011 10:00	0			
2/10/2011 11:00	0			
2/10/2011 12:00	0			
2/10/2011 13:00	0			
2/10/2011 14:00	0			
2/10/2011 15:00	0			
2/10/2011 16:00	0			
2/10/2011 17:00	0			
2/10/2011 18:00	0			
2/10/2011 19:00	0			

2/10/2011 20:00	0			
2/10/2011 21:00	0			
2/10/2011 22:00	0			
2/10/2011 23:00	0			
2/11/2011 0:00	0			
2/11/2011 1:00	0			
2/11/2011 2:00	0			
2/11/2011 3:00	0			
2/11/2011 4:00	0			
2/11/2011 5:00	0			
2/11/2011 6:00	0			
2/11/2011 7:00	0			
2/11/2011 8:00	0			
2/11/2011 9:00	0			
2/11/2011 10:00	0			
2/11/2011 11:00	0			
2/11/2011 12:00	0			
2/11/2011 13:00	0			
2/11/2011 14:00	0			
2/11/2011 15:00	0			
2/11/2011 16:00	0			
2/11/2011 17:00	0			
2/11/2011 18:00	0			
2/11/2011 19:00	0			
2/11/2011 20:00	0			
2/11/2011 21:00	0			
2/11/2011 22:00	0			
2/11/2011 23:00	0			
2/12/2011 0:00	0			Light Snow 30 degrees
2/12/2011 1:00	0			
2/12/2011 2:00	0			
2/12/2011 3:00	0			
2/12/2011 4:00	0			
2/12/2011 5:00	0			
2/12/2011 6:00	0			
2/12/2011 7:00	0			
2/12/2011 8:00	900			
2/12/2011 9:00	4100			
2/12/2011 10:00	4200			
2/12/2011 11:00	4500			
2/12/2011 12:00	5000			
2/12/2011 13:00	6500			
2/12/2011 14:00	8800			
2/12/2011 15:00	10800			
2/12/2011 16:00	11400			
2/12/2011 17:00	12000			
2/12/2011 18:00	11600			
2/12/2011 19:00	12400			
2/12/2011 20:00	12200			
2/12/2011 21:00	11800			
2/12/2011 22:00	11500			
2/12/2011 23:00	10800			
2/13/2011 0:00	11000			
2/13/2011 1:00	10400			
2/13/2011 2:00	9400			
2/13/2011 3:00	8300			
2/13/2011 4:00	9700			
2/13/2011 5:00	10100			
2/13/2011 6:00	10400			

2/13/2011 7:00	12200			
2/13/2011 8:00	11600			
2/13/2011 9:00	11500			
2/13/2011 10:00	11400			
2/13/2011 11:00	11100			
2/13/2011 12:00	7200			
2/13/2011 13:00	1000			
2/13/2011 14:00	2500			
2/13/2011 15:00	5100			
2/13/2011 16:00	8300			
2/13/2011 17:00	10300			
2/13/2011 18:00	11400			
2/13/2011 19:00	11900			
2/13/2011 20:00	12700			
2/13/2011 21:00	13700			
2/13/2011 22:00	14200			
2/13/2011 23:00	13500			
2/14/2011 0:00	12600			
2/14/2011 1:00	11100			
2/14/2011 2:00	9300			
2/14/2011 3:00	9700			
2/14/2011 4:00	9900			
2/14/2011 5:00	10200			
2/14/2011 6:00	9000			
2/14/2011 7:00	6900			
2/14/2011 8:00	5300			
2/14/2011 9:00	3200			
2/14/2011 10:00	3100			
2/14/2011 11:00	3300			
2/14/2011 12:00	3400			
2/14/2011 13:00	3500			
2/14/2011 14:00	3100			
2/14/2011 15:00	2100			
2/14/2011 16:00	1200			
2/14/2011 17:00	600			
2/14/2011 18:00	200	1		
2/14/2011 19:00	0			
2/14/2011 20:00	0			
2/14/2011 21:00	0			
2/14/2011 22:00	0			
2/14/2011 23:00	0			
2/15/2011 0:00	0			
2/15/2011 1:00	0			
2/15/2011 2:00	0			
2/15/2011 3:00	0			
2/15/2011 4:00	0			
2/15/2011 5:00	0			
2/15/2011 6:00	0			
2/15/2011 7:00	0			
2/15/2011 8:00	0			
2/15/2011 9:00	0			
2/15/2011 10:00	0			
2/15/2011 11:00	0			
2/15/2011 12:00	0			
2/15/2011 13:00	0			
2/15/2011 14:00	0			
2/15/2011 15:00	0			
2/15/2011 16:00	0			
2/15/2011 17:00	0			

2/15/2011 18:00	0			
2/15/2011 19:00	0			
2/15/2011 20:00	0			
2/15/2011 21:00	0			
2/15/2011 22:00	0			
2/15/2011 23:00	0			
2/16/2011 0:00	0			
2/16/2011 1:00	0			
2/16/2011 2:00	0			
2/16/2011 3:00	0			
2/16/2011 4:00	0			
2/16/2011 5:00	0			
2/16/2011 6:00	0			
2/16/2011 7:00	0			
2/16/2011 8:00	0			
2/16/2011 9:00	0			
2/16/2011 10:00	0			
2/16/2011 11:00	0			
2/16/2011 12:00	0			
2/16/2011 13:00	0			
2/16/2011 14:00	0			
2/16/2011 15:00	0			
2/16/2011 16:00	0			
2/16/2011 17:00	0			
2/16/2011 18:00	0			
2/16/2011 19:00	0			
2/16/2011 20:00	0			
2/16/2011 21:00	0			
2/16/2011 22:00	0			
2/16/2011 23:00	0			
2/17/2011 0:00	0			**Light Rain 53 degrees**
2/17/2011 1:00	0			
2/17/2011 2:00	0			
2/17/2011 3:00	0			
2/17/2011 4:00	0			
2/17/2011 5:00	0			
2/17/2011 6:00	0			
2/17/2011 7:00	0			
2/17/2011 8:00	0			
2/17/2011 9:00	0			
2/17/2011 10:00	500			
2/17/2011 11:00	1400			
2/17/2011 12:00	1500			
2/17/2011 13:00	1400			
2/17/2011 14:00	1300			
2/17/2011 15:00	900			
2/17/2011 16:00	700			
2/17/2011 17:00	700			
2/17/2011 18:00	500			
2/17/2011 19:00	300			
2/17/2011 20:00	700			
2/17/2011 21:00	400			
2/17/2011 22:00	400			
2/17/2011 23:00	300			
2/18/2011 0:00	300			
2/18/2011 1:00	300			
2/18/2011 2:00	300			
2/18/2011 3:00	300			
2/18/2011 4:00	300			

2/18/2011 5:00	500			
2/18/2011 6:00	600			
2/18/2011 7:00	600			
2/18/2011 8:00	900			
2/18/2011 9:00	600			
2/18/2011 10:00	500			
2/18/2011 11:00	200			
2/18/2011 12:00	600			
2/18/2011 13:00	2000			
2/18/2011 14:00	2100			
2/18/2011 15:00	1400			
2/18/2011 16:00	500			
2/18/2011 17:00	100	1		
2/18/2011 18:00	0			
2/18/2011 19:00	0			
2/18/2011 20:00	0			
2/18/2011 21:00	0			
2/18/2011 22:00	0			
2/18/2011 23:00	0			
2/19/2011 0:00	0			**Light Snow 35 degrees**
2/19/2011 1:00	0			
2/19/2011 2:00	0			
2/19/2011 3:00	0			
2/19/2011 4:00	0			
2/19/2011 5:00	0			
2/19/2011 6:00	0			
2/19/2011 7:00	0			
2/19/2011 8:00	0			
2/19/2011 9:00	0			
2/19/2011 10:00	0			
2/19/2011 11:00	0			
2/19/2011 12:00	1500			
2/19/2011 13:00	1300			
2/19/2011 14:00	1200			
2/19/2011 15:00	400			
2/19/2011 16:00	100	1		
2/19/2011 17:00	0			
2/19/2011 18:00	0			
2/19/2011 19:00	0			
2/19/2011 20:00	0			
2/19/2011 21:00	0			
2/19/2011 22:00	0			
2/19/2011 23:00	0			
2/20/2011 0:00	0			
2/20/2011 1:00	0			
2/20/2011 2:00	0			
2/20/2011 3:00	0			
2/20/2011 4:00	0			
2/20/2011 5:00	0			
2/20/2011 6:00	0			
2/20/2011 7:00	0			
2/20/2011 8:00	0			
2/20/2011 9:00	0			
2/20/2011 10:00	0			
2/20/2011 11:00	0			
2/20/2011 12:00	0			
2/20/2011 13:00	0			
2/20/2011 14:00	0			
2/20/2011 15:00	0			

2/20/2011 16:00	0			
2/20/2011 17:00	0			
2/20/2011 18:00	0			
2/20/2011 19:00	0			
2/20/2011 20:00	0			
2/20/2011 21:00	0			
2/20/2011 22:00	0			
2/20/2011 23:00	0			
2/21/2011 0:00	0			
2/21/2011 1:00	0		**Echo Loss/Clear Chute**	
2/21/2011 2:00	0			
2/21/2011 3:00	0			
2/21/2011 4:00	0			
2/21/2011 5:00	0			
2/21/2011 6:00	0			
2/21/2011 7:00	0			
2/21/2011 8:00	0			
2/21/2011 9:00	0			
2/21/2011 10:00	0			
2/21/2011 11:00	0			
2/21/2011 12:00	0			
2/21/2011 13:00	0			
2/21/2011 14:00	0			
2/21/2011 15:00	0			
2/21/2011 16:00	0			
2/21/2011 17:00	0			
2/21/2011 18:00	0			
2/21/2011 19:00	0			
2/21/2011 20:00	0			
2/21/2011 21:00	0			
2/21/2011 22:00	0			
2/21/2011 23:00	0			
2/22/2011 0:00	0			
2/22/2011 1:00	0			
2/22/2011 2:00	0			
2/22/2011 3:00	0			
2/22/2011 4:00	0			
2/22/2011 5:00	0			
2/22/2011 6:00	0			
2/22/2011 7:00	0			
2/22/2011 8:00	0			
2/22/2011 9:00	0			
2/22/2011 10:00	0			
2/22/2011 11:00	0			
2/22/2011 12:00	0			
2/22/2011 13:00	0			
2/22/2011 14:00	0			
2/22/2011 15:00	0			
2/22/2011 16:00	0			
2/22/2011 17:00	0			
2/22/2011 18:00	0			
2/22/2011 19:00	0			
2/22/2011 20:00	0			
2/22/2011 21:00	0			
2/22/2011 22:00	0			
2/22/2011 23:00	0			
2/23/2011 0:00	0			
2/23/2011 1:00	0			
2/23/2011 2:00	0			

2/23/2011 3:00	0			
2/23/2011 4:00	0			
2/23/2011 5:00	0			
2/23/2011 6:00	0			
2/23/2011 7:00	0			
2/23/2011 8:00	0			
2/23/2011 9:00	0			
2/23/2011 10:00	0			
2/23/2011 11:00	0			
2/23/2011 12:00	0			
2/23/2011 13:00	0			
2/23/2011 14:00	0			
2/23/2011 15:00	0			
2/23/2011 16:00	0			
2/23/2011 17:00	0			
2/23/2011 18:00	0			
2/23/2011 19:00	0			
2/23/2011 20:00	0			
2/23/2011 21:00	0			
2/23/2011 22:00	0			
2/23/2011 23:00	0			
2/24/2011 0:00	0			
2/24/2011 1:00	0			
2/24/2011 2:00	0			
2/24/2011 3:00	0			
2/24/2011 4:00	0			
2/24/2011 5:00	0			
2/24/2011 6:00	0			
2/24/2011 7:00	0			
2/24/2011 8:00	0			
2/24/2011 9:00	0			
2/24/2011 10:00	0			
2/24/2011 11:00	0			
2/24/2011 12:00	0			
2/24/2011 13:00	0			
2/24/2011 14:00	0			
2/24/2011 15:00	0			
2/24/2011 16:00	0			
2/24/2011 17:00	0			
2/24/2011 18:00	0			
2/24/2011 19:00	0			
2/24/2011 20:00	0			
2/24/2011 21:00	0			
2/24/2011 22:00	0			
2/24/2011 23:00	0			
2/25/2011 0:00	0			
2/25/2011 1:00	0			
2/25/2011 2:00	0			
2/25/2011 3:00	0			
2/25/2011 4:00	0			
2/25/2011 5:00	0			
2/25/2011 6:00	0			
2/25/2011 7:00	0			
2/25/2011 8:00	0			
2/25/2011 9:00	2600			Snow 33 degress
2/25/2011 10:00	5100			
2/25/2011 11:00	8200			
2/25/2011 12:00	12900			
2/25/2011 13:00	17100			

2/25/2011 14:00	19300			
2/25/2011 15:00	21000			
2/25/2011 16:00	21500			
2/25/2011 17:00	22500			
2/25/2011 18:00	22800			
2/25/2011 19:00	22100			
2/25/2011 20:00	20600			
2/25/2011 21:00	18900			
2/25/2011 22:00	17100			
2/25/2011 23:00	15900			
2/26/2011 0:00	17800			
2/26/2011 1:00	19300			
2/26/2011 2:00	20200			
2/26/2011 3:00	20600			
2/26/2011 4:00	20700			
2/26/2011 5:00	20400			
2/26/2011 6:00	19800			
2/26/2011 7:00	19500			
2/26/2011 8:00	17700			
2/26/2011 9:00	17300			
2/26/2011 10:00	16500			
2/26/2011 11:00	14200			
2/26/2011 12:00	13200			
2/26/2011 13:00	0			
2/26/2011 14:00	0			
2/26/2011 15:00	0			
2/26/2011 16:00	0			
2/26/2011 17:00	0			
2/26/2011 18:00	0			
2/26/2011 19:00	200			
2/26/2011 20:00	100			
2/26/2011 21:00	100			
2/26/2011 22:00	200			
2/26/2011 23:00	300			
2/27/2011 0:00	500			
2/27/2011 1:00	600			
2/27/2011 2:00	600			
2/27/2011 3:00	500			
2/27/2011 4:00	600			
2/27/2011 5:00	700			
2/27/2011 6:00	600			
2/27/2011 7:00	600			
2/27/2011 8:00	600			
2/27/2011 9:00	400			
2/27/2011 10:00	400			
2/27/2011 11:00	100			
2/27/2011 12:00	100			
2/27/2011 13:00	200			
2/27/2011 14:00	400			
2/27/2011 15:00	400			
2/27/2011 16:00	1000			
2/27/2011 17:00	1700			
2/27/2011 18:00	1800			
2/27/2011 19:00	2100			
2/27/2011 20:00	1900			
2/27/2011 21:00	2000			
2/27/2011 22:00	1900			
2/27/2011 23:00	2100			
2/28/2011 0:00	2300			

2/28/2011 1:00	2600			
2/28/2011 2:00	3100			
2/28/2011 3:00	3800			
2/28/2011 4:00	21600			
2/28/2011 5:00	42400			
2/28/2011 6:00	50600			
2/28/2011 7:00	98800			
2/28/2011 8:00	39600			
2/28/2011 9:00	25800			
2/28/2011 10:00	34200			
2/28/2011 11:00	14400			
2/28/2011 12:00	10400			
2/28/2011 13:00	11400			
2/28/2011 14:00	10400			
2/28/2011 15:00	7800			
2/28/2011 16:00	3900			
2/28/2011 17:00	2000			
2/28/2011 18:00	800			
2/28/2011 19:00	200	1		
2/28/2011 20:00	0			
2/28/2011 21:00	0			
2/28/2011 22:00	0			
2/28/2011 23:00	0			
3/1/2011 0:00	0			
3/1/2011 1:00	0			
3/1/2011 2:00	0			
3/1/2011 3:00	0			
3/1/2011 4:00	0			
3/1/2011 5:00	0			
3/1/2011 6:00	0			
3/1/2011 7:00	0			
3/1/2011 8:00	0			
3/1/2011 9:00	0			
3/1/2011 10:00	0			
3/1/2011 11:00	0			
3/1/2011 12:00	0			
3/1/2011 13:00	0			
3/1/2011 14:00	0			
3/1/2011 15:00	0			
3/1/2011 16:00	0			
3/1/2011 17:00	0			
3/1/2011 18:00	0			
3/1/2011 19:00	0			
3/1/2011 20:00	0			
3/1/2011 21:00	0			
3/1/2011 22:00	0			
3/1/2011 23:00	0			
3/2/2011 0:00	0			
3/2/2011 1:00	0			
3/2/2011 2:00	0			
3/2/2011 3:00	0			
3/2/2011 4:00	0			
3/2/2011 5:00	0			
3/2/2011 6:00	0			
3/2/2011 7:00	0			
3/2/2011 8:00	0			
3/2/2011 9:00	0			
3/2/2011 10:00	0			
3/2/2011 11:00	0			

3/2/2011 12:00	0			
3/2/2011 13:00	0			
3/2/2011 14:00	0			
3/2/2011 15:00	0			
3/2/2011 16:00	0			
3/2/2011 17:00	0			
3/2/2011 18:00	0			
3/2/2011 19:00	0			
3/2/2011 20:00	0			
3/2/2011 21:00	0			
3/2/2011 22:00	0			
3/2/2011 23:00	0			
3/3/2011 0:00	0			
3/3/2011 1:00	0			
3/3/2011 2:00	0			
3/3/2011 3:00	0			
3/3/2011 4:00	0			
3/3/2011 5:00	0			
3/3/2011 6:00	0			
3/3/2011 7:00	0			
3/3/2011 8:00	0			
3/3/2011 9:00	0			
3/3/2011 10:00	0			
3/3/2011 11:00	0			
3/3/2011 12:00	0			
3/3/2011 13:00	0			
3/3/2011 14:00	0			
3/3/2011 15:00	0			
3/3/2011 16:00	0			
3/3/2011 17:00	0			
3/3/2011 18:00	0			
3/3/2011 19:00	0			
3/3/2011 20:00	0			
3/3/2011 21:00	0			
3/3/2011 22:00	0			
3/3/2011 23:00	0			
3/4/2011 0:00	0			
3/4/2011 1:00	0			
3/4/2011 2:00	0			
3/4/2011 3:00	0			
3/4/2011 4:00	0			
3/4/2011 5:00	0			
3/4/2011 6:00	0			
3/4/2011 7:00	0			
3/4/2011 8:00	0			
3/4/2011 9:00	0			
3/4/2011 10:00	0			
3/4/2011 11:00	0			
3/4/2011 12:00	0			
3/4/2011 13:00	0			
3/4/2011 14:00	0			
3/4/2011 15:00	0			
3/4/2011 16:00	0			
3/4/2011 17:00	0			
3/4/2011 18:00	0			
3/4/2011 19:00	0			
3/4/2011 20:00	0			
3/4/2011 21:00	0			
3/4/2011 22:00	0			

3/4/2011 23:00	0			
3/5/2011 0:00	0			
3/5/2011 1:00	0			
3/5/2011 2:00	0			
3/5/2011 3:00	0			
3/5/2011 4:00	0			
3/5/2011 5:00	0			
3/5/2011 6:00	0			
3/5/2011 7:00	0			
3/5/2011 8:00	1700		Rain 46 degrees	
3/5/2011 9:00	8300			
3/5/2011 10:00	16000			
3/5/2011 11:00	24900			
3/5/2011 12:00	26000			
3/5/2011 13:00	22800			
3/5/2011 14:00	24400			
3/5/2011 15:00	18700			
3/5/2011 16:00	16100			
3/5/2011 17:00	10700			
3/5/2011 18:00	12000			
3/5/2011 19:00	15200			
3/5/2011 20:00	24200			
3/5/2011 21:00	29100			
3/5/2011 22:00	40100			
3/5/2011 23:00	27400			
3/6/2011 0:00	24600			
3/6/2011 1:00	30200			
3/6/2011 2:00	29900			
3/6/2011 3:00	24700			
3/6/2011 4:00	4800			
3/6/2011 5:00	400			
3/6/2011 6:00	0			
3/6/2011 7:00	0			
3/6/2011 8:00	0			
3/6/2011 9:00	0			
3/6/2011 10:00	0			
3/6/2011 11:00	200			
3/6/2011 12:00	600			
3/6/2011 13:00	1700			
3/6/2011 14:00	1400			
3/6/2011 15:00	1700			
3/6/2011 16:00	2200			
3/6/2011 17:00	2500			
3/6/2011 18:00	2400			
3/6/2011 19:00	1900			
3/6/2011 20:00	1600			
3/6/2011 21:00	1300			
3/6/2011 22:00	1000			
3/6/2011 23:00	700			
3/7/2011 0:00	500			
3/7/2011 1:00	300			
3/7/2011 2:00	100			
3/7/2011 3:00	100			
3/7/2011 4:00	0			
3/7/2011 5:00	0			
3/7/2011 6:00	0			
3/7/2011 7:00	0			
3/7/2011 8:00	0			
3/7/2011 9:00	0			

3/7/2011 10:00	0			
3/7/2011 11:00	0			
3/7/2011 12:00	100			
3/7/2011 13:00	1500			
3/7/2011 14:00	2400			
3/7/2011 15:00	2100			
3/7/2011 16:00	3400			
3/7/2011 17:00	3000			
3/7/2011 18:00	1900			
3/7/2011 19:00	600			
3/7/2011 20:00	200	1		
3/7/2011 21:00	0			
3/7/2011 22:00	0			
3/7/2011 23:00	0			
3/8/2011 0:00	0			
3/8/2011 1:00	0			
3/8/2011 2:00	0			
3/8/2011 3:00	0			
3/8/2011 4:00	0			
3/8/2011 5:00	0			
3/8/2011 6:00	0			
3/8/2011 7:00	0			
3/8/2011 8:00	0			
3/8/2011 9:00	0			
3/8/2011 10:00	0			
3/8/2011 11:00	0			
3/8/2011 12:00	0			
3/8/2011 13:00	0			
3/8/2011 14:00	1500			no precip 39 degrees
3/8/2011 15:00	4200			
3/8/2011 16:00	4800			
3/8/2011 17:00	3100			
3/8/2011 18:00	1700			
3/8/2011 19:00	600			
3/8/2011 20:00	200	1		
3/8/2011 21:00	0			
3/8/2011 22:00	0			
3/8/2011 23:00	0			
3/9/2011 0:00	0			
3/9/2011 1:00	0			
3/9/2011 2:00	0			
3/9/2011 3:00	0			
3/9/2011 4:00	0			
3/9/2011 5:00	0			
3/9/2011 6:00	0			
3/9/2011 7:00	0			
3/9/2011 8:00	0			
3/9/2011 9:00	0			
3/9/2011 10:00	0			
3/9/2011 11:00	0			
3/9/2011 12:00	0			
3/9/2011 13:00	0			
3/9/2011 14:00	500			Light Rain 42 degrees
3/9/2011 15:00	1200			
3/9/2011 16:00	1600			
3/9/2011 17:00	4200			
3/9/2011 18:00	12000			
3/9/2011 19:00	24800			
3/9/2011 20:00	25300			

3/9/2011 21:00	19600			
3/9/2011 22:00	8300			
3/9/2011 23:00	6200			
3/10/2011 0:00	9100			Light Rain
3/10/2011 1:00	7600			
3/10/2011 2:00	5700			
3/10/2011 3:00	3100			
3/10/2011 4:00	1400			
3/10/2011 5:00	900			
3/10/2011 6:00	600			
3/10/2011 7:00	400			
3/10/2011 8:00	1100			
3/10/2011 9:00	9600			
3/10/2011 10:00	17200			
3/10/2011 11:00	8400			
3/10/2011 12:00	3100			
3/10/2011 13:00	1300			
3/10/2011 14:00	500			
3/10/2011 15:00	200			
3/10/2011 16:00	200			
3/10/2011 17:00	100			
3/10/2011 18:00	200			
3/10/2011 19:00	31200			
3/10/2011 20:00	36800			
3/10/2011 21:00	19600			
3/10/2011 22:00	14200			
3/10/2011 23:00	70800			
3/11/2011 0:00	41400			linght rain/light snow 37 degree
3/11/2011 1:00	8800			
3/11/2011 2:00	5900			
3/11/2011 3:00	2900			
3/11/2011 4:00	1700			
3/11/2011 5:00	1000			
3/11/2011 6:00	600			
3/11/2011 7:00	300			
3/11/2011 8:00	200			
3/11/2011 9:00	100			
3/11/2011 10:00	200			
3/11/2011 11:00	400			
3/11/2011 12:00	500			
3/11/2011 13:00	200			
3/11/2011 14:00	0			
3/11/2011 15:00	0			
3/11/2011 16:00	100			
3/11/2011 17:00	300			
3/11/2011 18:00	600			
3/11/2011 19:00	400			
3/11/2011 20:00	0			
3/11/2011 21:00	200			
3/11/2011 22:00	100			
3/11/2011 23:00	100			
3/12/2011 0:00	100			light rain
3/12/2011 1:00	0			
3/12/2011 2:00	100			
3/12/2011 3:00	100			
3/12/2011 4:00	0			
3/12/2011 5:00	100			
3/12/2011 6:00	100			
3/12/2011 7:00	100			

3/12/2011 8:00	0			
3/12/2011 9:00	100			
3/12/2011 10:00	2000			
3/12/2011 11:00	6000			
3/12/2011 12:00	2900			
3/12/2011 13:00	800			
3/12/2011 14:00	200			
3/12/2011 15:00	100			
3/12/2011 16:00	0			
3/12/2011 17:00	100			
3/12/2011 18:00	0			
3/12/2011 19:00	0			
3/12/2011 20:00	1500			
3/12/2011 21:00	2600			
3/12/2011 22:00	1500			
3/12/2011 23:00	700			
3/13/2011 0:00	400			
3/13/2011 1:00	500			
3/13/2011 1:00	500			
3/13/2011 3:00	200			
3/13/2011 4:00	400			
3/13/2011 5:00	400			
3/13/2011 6:00	100			
3/13/2011 7:00	100	1		
3/13/2011 8:00	0			
3/13/2011 9:00	0			
3/13/2011 10:00	0			
3/13/2011 11:00	0			
3/13/2011 12:00	0			
3/13/2011 13:00	0			
3/13/2011 14:00	0			
3/13/2011 15:00	0			
3/13/2011 16:00	0			
3/13/2011 17:00	0			
3/13/2011 18:00	0			
3/13/2011 19:00	0			
3/13/2011 20:00	0			
3/13/2011 21:00	0			
3/13/2011 22:00	0			
3/13/2011 23:00	0			
3/14/2011 0:00	0			
3/14/2011 1:00	0			
3/14/2011 2:00	0			
3/14/2011 3:00	0			
3/14/2011 4:00	0			
3/14/2011 5:00	0			
3/14/2011 6:00	0			
3/14/2011 7:00	0			
3/14/2011 8:00	0			
3/14/2011 9:00	0			
3/14/2011 10:00	0			
3/14/2011 11:00	0			
3/14/2011 12:00	0			
3/14/2011 13:00	0			
3/14/2011 14:00	0			
3/14/2011 15:00	0			
3/14/2011 16:00	0			
3/14/2011 17:00	0			
3/14/2011 18:00	0			

3/14/2011 19:00	0			
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3/14/2011 23:00	0			
3/15/2011 0:00	0			
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3/15/2011 23:00	0			
3/16/2011 0:00	0			
3/16/2011 1:00	0			
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3/16/2011 3:00	0			light rain
3/16/2011 4:00	100			
3/16/2011 5:00	1100			
3/16/2011 6:00	2400			
3/16/2011 7:00	3500			
3/16/2011 8:00	2900			
3/16/2011 9:00	1900			
3/16/2011 10:00	1800			
3/16/2011 11:00	1300			
3/16/2011 12:00	600			
3/16/2011 13:00	300			
3/16/2011 14:00	200	1		
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3/16/2011 23:00	0			
3/17/2011 0:00	0			
3/17/2011 1:00	0			
3/17/2011 2:00	0			
3/17/2011 3:00	0			
3/17/2011 4:00	0			
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3/21/2011 1:00	0			
3/21/2011 2:00	0			
3/21/2011 3:00	0			
3/21/2011 4:00	1700			light rain
3/21/2011 5:00	23800			
3/21/2011 6:00	29500			
3/21/2011 7:00	13500			
3/21/2011 8:00	23100			
3/21/2011 9:00	5800			
3/21/2011 10:00	1900			
3/21/2011 11:00	800			
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3/21/2011 16:00	0			
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3/21/2011 23:00	0			
3/22/2011 0:00	0			
3/22/2011 1:00	0			
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3/22/2011 3:00	0			

3/22/2011 4:00	0			
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3/23/2011 10:00	0			
3/23/2011 11:00	0			
3/23/2011 12:00	0			
3/23/2011 13:00	0			
3/23/2011 14:00	0			
3/23/2011 15:00	100			light snow 36 degrees
3/23/2011 16:00	500			
3/23/2011 17:00	1500			
3/23/2011 18:00	1200			
3/23/2011 19:00	1300			
3/23/2011 20:00	2400			
3/23/2011 21:00	2500			
3/23/2011 22:00	2400			
3/23/2011 23:00	2100			
3/24/2011 0:00	1600			
3/24/2011 1:00	1200			
3/24/2011 2:00	500			
3/24/2011 3:00	300			
3/24/2011 4:00	400			
3/24/2011 5:00	200			
3/24/2011 6:00	300			
3/24/2011 7:00	600			
3/24/2011 8:00	900			
3/24/2011 9:00	1000			
3/24/2011 10:00	700			
3/24/2011 11:00	400			
3/24/2011 12:00	100			
3/24/2011 13:00	100			
3/24/2011 14:00	200			

3/24/2011 15:00	500			
3/24/2011 16:00	800			
3/24/2011 17:00	2000			
3/24/2011 18:00	2200			
3/24/2011 19:00	1200			
3/24/2011 20:00	1000			
3/24/2011 21:00	700			
3/24/2011 22:00	300			
3/24/2011 23:00	200	1		
3/25/2011 0:00	0			
3/25/2011 1:00	0			
3/25/2011 2:00	0			
3/25/2011 3:00	0			
3/25/2011 4:00	0			
3/25/2011 5:00	0			
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3/25/2011 10:00	0			
3/25/2011 11:00	0			
3/25/2011 12:00	0			
3/25/2011 13:00	100			
3/25/2011 14:00	200			
3/25/2011 15:00	300			
3/25/2011 16:00	300			
3/25/2011 17:00	300			
3/25/2011 18:00	200			
3/25/2011 19:00	100	1		
3/25/2011 20:00	0			
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3/25/2011 22:00	0			
3/25/2011 23:00	0			
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3/26/2011 11:00	0			
3/26/2011 12:00	0			
3/26/2011 13:00	0			
3/26/2011 14:00	0			
3/26/2011 15:00	0			
3/26/2011 16:00	100			no precip 27 degrees
3/26/2011 17:00	700			
3/26/2011 18:00	500			
3/26/2011 19:00	100			
3/26/2011 20:00	0			
3/26/2011 21:00	100	1		
3/26/2011 22:00	0			
3/26/2011 23:00	0			
3/27/2011 0:00	0			
3/27/2011 1:00	0			

3/27/2011 2:00	0			
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3/27/2011 12:00	0			
3/27/2011 13:00	0			
3/27/2011 14:00	0			
3/27/2011 15:00	0			
3/27/2011 16:00	0			
3/27/2011 17:00	200			no precip 28 degrees
3/27/2011 18:00	100	1		
3/27/2011 19:00	0			
3/27/2011 20:00	0			
3/27/2011 21:00	0			
3/27/2011 22:00	0			
3/27/2011 23:00	0			
3/28/2011 0:00	0			
3/28/2011 1:00	0			
3/28/2011 2:00	0			
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3/28/2011 23:00	0			
3/29/2011 0:00	0			
3/29/2011 1:00	0			
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3/29/2011 10:00	0			
3/29/2011 11:00	0			
3/29/2011 12:00	0			

3/29/2011 13:00	0			
3/29/2011 14:00	0			
3/29/2011 15:00	100			41 degrees
3/29/2011 16:00	100			
3/29/2011 17:00	1000			
3/29/2011 18:00	400	1		
3/29/2011 19:00	0			
3/29/2011 20:00	0			
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3/29/2011 22:00	0			
3/29/2011 23:00	0			
3/30/2011 0:00	0			
3/30/2011 1:00	0			
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3/30/2011 10:00	0			
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3/30/2011 23:00	0			
3/31/2011 0:00	0			
3/31/2011 1:00	0			
3/31/2011 2:00	0			
3/31/2011 3:00	0			
3/31/2011 4:00	0			
3/31/2011 5:00	100			light rain/light snow 37 degrees
3/31/2011 6:00	500			
3/31/2011 7:00	700			
3/31/2011 8:00	1600			
3/31/2011 9:00	1900			
3/31/2011 10:00	1800			
3/31/2011 11:00	900			
3/31/2011 12:00	400			
3/31/2011 13:00	100	1		
3/31/2011 14:00	0			
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3/31/2011 16:00	0			
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4/1/2011 23:00	0			
4/2/2011 0:00	0			
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4/3/2011 0:00	0			
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4/3/2011 19:00	0			
4/3/2011 20:00	0			
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4/3/2011 22:00	4700			light Rain
4/3/2011 23:00	14300			
4/4/2011 0:00	5800			
4/4/2011 1:00	2500			
4/4/2011 2:00	1400			
4/4/2011 3:00	1000			
4/4/2011 4:00	400			
4/4/2011 5:00	200			
4/4/2011 6:00	17400			
4/4/2011 7:00	18900			
4/4/2011 8:00	4000			
4/4/2011 9:00	1700			
4/4/2011 10:00	1900			
4/4/2011 11:00	48900			
4/4/2011 12:00	7900			
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4/4/2011 14:00	500			
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4/4/2011 20:00	0			
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4/4/2011 22:00	1800			
4/4/2011 23:00	22900			
4/5/2011 0:00	14700			
4/5/2011 1:00	13100			
4/5/2011 2:00	11500			
4/5/2011 3:00	5000			
4/5/2011 4:00	1900			
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4/9/2011 15:00	0			
4/9/2011 16:00	0			
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4/13/2011 1:00	0			
4/13/2011 2:00	0			
4/13/2011 3:00	0			
4/13/2011 4:00	100			light rain
4/13/2011 5:00	16100			
4/13/2011 6:00	45700			

4/13/2011 7:00	24100			
4/13/2011 8:00	18800			
4/13/2011 9:00	13800			
4/13/2011 10:00	6300			
4/13/2011 11:00	2200			
4/13/2011 12:00	800			
4/13/2011 13:00	200	1		
4/13/2011 14:00	0			
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4/15/2011 17:00	0			

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4/16/2011 5:00	0			
4/16/2011 6:00	0			
4/16/2011 7:00	6300			Rain
4/16/2011 8:00	25100			
4/16/2011 9:00	34900			
4/16/2011 10:00	54600			
4/16/2011 11:00	30900			
4/16/2011 12:00	24600			
4/16/2011 13:00	9000			
4/16/2011 14:00	21000			
4/16/2011 15:00	64400			
4/16/2011 16:00	21400			
4/16/2011 17:00	8900			
4/16/2011 18:00	3000			
4/16/2011 19:00	700			
4/16/2011 20:00	200	1		
4/16/2011 21:00	0			
4/16/2011 22:00	0			
4/16/2011 23:00	0			
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4/17/2011 18:00	0			
4/17/2011 19:00	0			
4/17/2011 20:00	0			
4/17/2011 21:00	100	1		rain/light snow
4/17/2011 22:00	0			
4/17/2011 23:00	0			
4/18/2011 0:00	0			
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4/18/2011 2:00	0			
4/18/2011 3:00	0			
4/18/2011 4:00	0			

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4/18/2011 8:00	0			
4/18/2011 9:00	0			
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4/18/2011 11:00	0			
4/18/2011 12:00	0			
4/18/2011 13:00	0			
4/18/2011 14:00	0			
4/18/2011 15:00	2100			light snow 35 degrees
4/18/2011 16:00	4700			
4/18/2011 17:00	2300			
4/18/2011 18:00	700			
4/18/2011 19:00	100	1		
4/18/2011 20:00	0			
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4/18/2011 22:00	0			
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4/19/2011 18:00	0			
4/19/2011 19:00	0			
4/19/2011 20:00	0			
4/19/2011 21:00	0			
4/19/2011 22:00	300			light rain
4/19/2011 23:00	13900			
4/20/2011 0:00	4500			
4/20/2011 1:00	2600			
4/20/2011 2:00	4900			
4/20/2011 3:00	70800			
4/20/2011 4:00	94200			
4/20/2011 5:00	39300			
4/20/2011 6:00	9100			
4/20/2011 7:00	3100			
4/20/2011 8:00	2300			
4/20/2011 9:00	1400			
4/20/2011 10:00	1900			
4/20/2011 11:00	1100			
4/20/2011 12:00	15400			
4/20/2011 13:00	12100			
4/20/2011 14:00	2600			
4/20/2011 15:00	300	1		

4/20/2011 16:00	0			
4/20/2011 17:00	0			
4/20/2011 18:00	0			
4/20/2011 19:00	0			
4/20/2011 20:00	0			
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4/22/2011 18:00	0			
4/22/2011 19:00	0			
4/22/2011 20:00	0			
4/22/2011 21:00	0			
4/22/2011 22:00	0			
4/22/2011 23:00	500			
4/23/2011 0:00	400			
4/23/2011 1:00	600			
4/23/2011 2:00	500			

4/23/2011 3:00	900			
4/23/2011 4:00	3000			
4/23/2011 5:00	19800			
4/23/2011 6:00	30800			
4/23/2011 7:00	58100			
4/23/2011 8:00	35600			
4/23/2011 9:00	9700			
4/23/2011 10:00	2900			
4/23/2011 11:00	1200			
4/23/2011 12:00	200	1		light snow/light rain
4/23/2011 13:00	0			
4/23/2011 14:00	0			
4/23/2011 15:00	0			
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4/25/2011 13:00	0			

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4/25/2011 16:00	8500			rain
4/25/2011 17:00	35000			
4/25/2011 18:00	37000			
4/25/2011 19:00	31500			
4/25/2011 20:00	25400			
4/25/2011 21:00	30100			
4/25/2011 22:00	26700			
4/25/2011 23:00	29100			
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4/26/2011 1:00	23700			
4/26/2011 2:00	7800			
4/26/2011 3:00	2500			
4/26/2011 4:00	1100			
4/26/2011 5:00	600			
4/26/2011 6:00	500			
4/26/2011 7:00	500			
4/26/2011 8:00	2300			
4/26/2011 9:00	1500			
4/26/2011 10:00	600			
4/26/2011 11:00	200			
4/26/2011 12:00	300			
4/26/2011 13:00	8000			
4/26/2011 14:00	1900			
4/26/2011 15:00	200	1		
4/26/2011 16:00	0			
4/26/2011 17:00	0			
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4/27/2011 17:00	0			
4/27/2011 18:00	56000			rain
4/27/2011 19:00	25600			
4/27/2011 20:00	9800			
4/27/2011 21:00	2300			
4/27/2011 22:00	900			
4/27/2011 23:00	400	1		
4/28/2011 0:00	0			

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5/1/2011 19:00	0			
5/1/2011 20:00	0			
5/1/2011 21:00	0			
5/1/2011 22:00	1900		light rain	
5/1/2011 23:00	1400			
5/2/2011 0:00	500			
5/2/2011 1:00	100			
5/2/2011 2:00	0			
5/2/2011 3:00	0			
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5/2/2011 7:00	8900			
5/2/2011 8:00	7400			
5/2/2011 9:00	2300			
5/2/2011 10:00	700			
5/2/2011 11:00	13500			
5/2/2011 12:00	8700			
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5/3/2011 5:00	0			
5/3/2011 6:00	100			light rain
5/3/2011 7:00	1900			
5/3/2011 8:00	2700			
5/3/2011 9:00	1900			
5/3/2011 10:00	18300			
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5/3/2011 12:00	45900			
5/3/2011 13:00	41900			
5/3/2011 14:00	19000			
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5/3/2011 16:00	17400			
5/3/2011 17:00	7500			
5/3/2011 18:00	10300			
5/3/2011 19:00	21800			
5/3/2011 20:00	20900			
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5/3/2011 22:00	3300			
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5/4/2011 1:00	900			
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5/15/2011 2:00	26600			
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5/15/2011 5:00	7800			

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9/12/2011 7:00	0			
9/12/2011 8:00	0			
9/12/2011 9:00	0			
9/12/2011 10:00	0			
9/12/2011 11:00	0			
9/12/2011 12:00	0			
9/12/2011 13:00	0			
9/12/2011 14:00	0			
9/12/2011 15:00	0			
9/12/2011 16:00	0			

9/12/2011 17:00	0			
9/12/2011 18:00	0			
9/12/2011 19:00	0			
9/12/2011 20:00	0			
9/12/2011 21:00	0			
9/12/2011 22:00	0			
9/12/2011 23:00	0			
9/13/2011 0:00	0			
9/13/2011 1:00	0			
9/13/2011 2:00	0			
9/13/2011 3:00	0			
9/13/2011 4:00	0			
9/13/2011 5:00	0			
9/13/2011 6:00	0			
9/13/2011 7:00	0			
9/13/2011 8:00	0			
9/13/2011 9:00	0			
9/13/2011 10:00	0			
9/13/2011 11:00	0			
9/13/2011 12:00	0			
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9/13/2011 14:00	0			
9/13/2011 15:00	0			
9/13/2011 16:00	0			
9/13/2011 17:00	0			
9/13/2011 18:00	0			
9/13/2011 19:00	0			
9/13/2011 20:00	0			
9/13/2011 21:00	0			
9/13/2011 22:00	0			
9/13/2011 23:00	0			
9/14/2011 0:00	0			
9/14/2011 1:00	0			
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9/14/2011 3:00	0			
9/14/2011 4:00	0			
9/14/2011 5:00	0			
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9/14/2011 14:00	0			
9/14/2011 15:00	0			
9/14/2011 16:00	0			
9/14/2011 17:00	0			
9/14/2011 18:00	0			
9/14/2011 19:00	0			
9/14/2011 20:00	0			
9/14/2011 21:00	0			
9/14/2011 22:00	0			
9/14/2011 23:00	0			
9/15/2011 0:00	0			
9/15/2011 1:00	0			
9/15/2011 2:00	0			
9/15/2011 3:00	6400			light rain

9/15/2011 4:00	16800			
9/15/2011 5:00	10200			
9/15/2011 6:00	11100			
9/15/2011 7:00	5200			
9/15/2011 8:00	2200			
9/15/2011 9:00	1100			
9/15/2011 10:00	500			
9/15/2011 11:00	100	1		
9/15/2011 12:00	0			
9/15/2011 13:00	0			
9/15/2011 14:00	0			
9/15/2011 15:00	0			
9/15/2011 16:00	0			
9/15/2011 17:00	0			
9/15/2011 18:00	0			
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9/15/2011 20:00	0			
9/15/2011 21:00	0			
9/15/2011 22:00	0			
9/15/2011 23:00	0			
9/16/2011 0:00	0			
9/16/2011 1:00	0			
9/16/2011 2:00	0			
9/16/2011 3:00	0			
9/16/2011 4:00	0			
9/16/2011 5:00	0			
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9/17/2011 0:00	0			
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9/17/2011 15:00	0			
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9/17/2011 17:00	0			
9/17/2011 18:00	0			
9/17/2011 19:00	0			
9/17/2011 20:00	0			
9/17/2011 21:00	0			
9/17/2011 22:00	0			
9/17/2011 23:00	0			
9/18/2011 0:00	0			

NOTES: 78 **Discharge Events**

The lowest disharge volume that can be read by flow meter is 100 galllons.

Valid Discharge Event.

Questionable Event but counted in total.

Discharge Event was not counted.

Discharge reading that occur within 12 hours of a previous reading are considered to be a part of the same event.