REMEDIAL INVESTIGATION REPORT
GM COMPONENTS HOLDINGS, LLC
200 UPPER MOUNTAIN ROAD - BUILDING 10
LOCKPORT, NEW YORK
BCP SITE #C932140

by

Haley & Aldrich of New York
Rochester, New York

for

New York State Department of Environmental Conservation
Buffalo, New York

File No. 36795-015
14 November 2011

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New York State Department of Environmental Conservation
Division of Environmental Remediation, Region 9
270 Michigan Avenue
Buffalo, New York 14203-2999

Attention: Mr. Glenn May

Subject: Remedial Investigation Report
GM Components Holdings, LLC
200 Upper Mountain Road - Building 10
Lockport, New York
BCP Site #C932140

Dear Mr. May:

On behalf of GM Components Holdings, LLC, Haley & Aldrich of New York (Haley & Aldrich) is submitting herewith the Remedial Investigation Report (RI Report) for the above referenced Brownfield Cleanup Program (BCP) Site. This document is submitted in accordance with the Brownfield Cleanup Agreement (BCA) for the Property, BCA Index #C932140-03-10/Site #C932140, between the New York State Department of Environmental Conservation (NYSDEC) and GMCH.

The RI Report presents available information on the current and former land use and 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 as well as a more detailed summary of the recent remedial investigation (RI) activities. 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.

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.

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; 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,
HALEY & ALDRICH OF NEW YORK

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1. INTRODUCTION

This report presents the results of the Remedial Investigation (RI) conducted at Building 10, GM Components Holdings (GMCH) Facility, located at 200 Upper Mountain Road, Lockport, New York. The work was performed under the New York State Department of Environmental Conservation (NYSDEC), Brownfield Cleanup Program (BCP). The GMCH BCP Agreement for the Building 10 Site (NYSDEC Site C932140) was executed on May 20, 2010. A Site Locus Plan is included as Figure 1 and a Site Plan is included as Figure 2.

Three separate BCP Sites are associated with the GMCH 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); and
- GM Components Holdings, LLC Building 10, site ID #C932140 (Building 10).

This RI Report has been developed for the work associated with Building 10.

Interpretations presented within this report are based primarily on the investigations described herein. Pertinent data from the previous investigations (to be referred to as the "Previous Phase II Investigations") generated prior to entering into the BCP have been included within this report. Previously completed reports include the following.

- "Field Investigation Report, West Lockport Complex, Lockport, NY" dated January 17, 2007. Prepared for Delphi Corporation by Environmental Resource Management.
- "Focused Environmental Assessment, Building 10, Lockport, New York" dated August 27, 2007. Prepared for Delphi Thermal by GZA GeoEnvironmental of New York.
- "Soil Vapor Extraction (SVE) Pilot Test Summary and SVE System Design Report, Northern Portion of Building 10, Lockport Complex, 200 Upper Mountain Road, Lockport, New York" dated November 2007. Prepared for Delphi Automotive by GZA GeoEnvironmental of New York.

1.1 Purpose

The objectives of this RI were to obtain site specific data on the nature and extent of potential 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. The RI for the three BCP Sites at the GMCH Facility were conducted concurrently.

In addition to the investigation activities conducted as part of the Building 10 BCP Site, 35 additional monitoring wells were sampled as part of other on-going monitoring events or the other two (2) BCP investigations. These groundwater data were used in conjunction with the RI to assess facility-wide groundwater conditions.

The specific objectives of the RI were 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.

1.2 Site and Surrounding Area Description

The GMCH Facility is located at 200 Upper Mountain Road in both the City and Town of Lockport, which is located in Niagara County, New York. The portion of the facility which includes Building 10 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 10 occupies approximately 10.6 of the 342 acres and is located in the southwestern portion of the GMCH Facility (see Figure 2). The Niagara Escarpment is located approximately one-half mile to the northeast of the GMCH Facility across Upper Mountain Road. 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 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 of the building; the southern portion is used by GMCH as a warehouse. Building 6 has been leased to Delphi Properties Management, LLC for vehicle component engineering and testing (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.

1.3 Site History

GMCH currently owns and operates an 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 GMCH Facility was developed as part of the radiator manufacturing operation, formerly located in downtown Lockport. Manufacturing operations began at the facility along Upper Mountain Road in 1939.

Building 10 was constructed as a warehouse in two stages; the north end was completed in 1960 and the south end was completed in 1969. A portion of the building was used for manufacturing by GM/Delphi for a period of time. The north end of Building 10 has been converted to a facility housing new manufacturing operations staffed by non-GMCH personel. GMCH continues to use the south end of the building as a warehouse.

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).

General Motors LLC (GM) was created to purchase certain assets of MLC. In October 2009, a GM subsidiary known as GMCH took title from Delphi the portion of the facility that includes Building 10.

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).

1.4.1 Previous Investigations Conducted by ERM

After completion of the CCS, a field investigation, also completed by ERM, was initiated to assess soil and groundwater conditions at the 50 areas of interest (AOI), identified by the CCS (Previous Phase II Investigations). As part of the investigation, 144 soil borings were completed, and nine sediment and four surface soil samples were collected. Six monitoring wells were installed, but only five were sampled as one of the wells was dry. Over 400 soil and groundwater samples were collected from the 144 soil borings and analyzed for parameters which included volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), metals, and polychlorinated biphenyls (PCBs). 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.

Two AOIs (AOI-36 and AOI-37) located within the footprint of the Building 10 BCP site were included in the field investigation and one exterior location (AOI-35) was west of Building 10. AOI-36 was a former painting operation in the western interior portion of the building. AOI-37 was an area where soil contamination was encountered during interior construction of a sump in 1999. AOI-35, identified as the Salvage Equipment Storage Area located west of Building 10, near Building 16, was also investigated as part of the Previous Phase II Investigation.

Boring 10-106 was completed at AOI-36 and borings 10-107-A and 10-107-B were completed within AOI-37 (see Previous Phase II Investigation figure in Appendix A). At each AOI, samples were analyzed for VOCs, SVOCs, PCBs, and metals. No constituents were detected at concentrations above NYSDEC Part 375 Commercial Soil Clean-up Objectives (CSCO) at AOI-36. At AOI-37, tetrachloroethylene (PCE) was detected at a concentration of 270 mg/kg in one sample, which exceeds its respective CSCO of 150 mg/kg.

Boring 10-105 was completed in the vicinity of AOI-35 and a sample from 0 to 2 feet bgs was tested for VOCs, SVOCs, PCBs, and metals. Cadmium was detected at a concentration of 22.3 ppm, which exceeds its respective Part 375 CSCO of 9.3 ppm. No other constituents of concern were noted at this AOI.

Data tables and figures from previous Building 10 investigations are included in Appendix A.

1.4.2 Previous Investigations Conducted by GZA

Based on the findings described above, a Focused Environmental Assessment[1] (FEA) was conducted by GZA. The purpose of the FEA was to determine if the previously identified contamination at AOI-37 required remediation. The FEA was conducted in general accordance with a NYSDEC reviewed work plan in June 2007. The FEA included the completion of 12

1 "Focused Environmental Assessment, Building 10, Lockport, New York" dated August 27, 2007. Prepared for Delphi Automotive by GZA.

soil probes (SP-1 through SP-12), installation of one groundwater monitoring well (Bldg 10 MW-1), and a vapor intrusion (VI) assessment of the northern portion of the building. The FEA identified elevated concentrations of PCE in the soil samples tested; several VOCs were detected above their respective groundwater criteria in the groundwater sample from Bldg 10 MW-1. Additionally, a VI concern was identified based on the results of the indoor and sub-slab air samples collected (see Appendix A for tables and figures from the FEA).

Additional investigations were conducted in July 2007 to further delineate the VOC-impacted soil beneath Building 10, focusing on PCE soil contamination greater than the NYSDEC Part 375 Industrial SCO of 300 ppm. The additional investigations consisted of nine (9) soil probes (SP-13 through SP-21) and identified an approximate 14,000 square foot area where PCE concentrations were detected at a concentration greater than 300 ppm (see Appendix A for tables and figures from additional investigations).

In October 2007, GZA performed a Soil Vapor Extraction (SVE) System Pilot Study to develop the design criteria of the SVE system to be used to treat soil with PCE concentrations greater than 300 ppm. Field activities associated with the pilot study included the installation of two, 4-inch diameter PVC SVE extraction wells, installation of eight (8) vacuum monitoring points via soil probe, mobilization and set up of a mobile extraction system to perform two days of pilot testing to collect vacuum and flow rate readings, organic vapor measurements, and analytical air sampling. The two pilot test extraction wells were installed within the 14,000 sq ft area. Based on the findings of the additional soil investigation and SVE pilot study, a SVE Pilot Test Summary and SVE System Design Report[2] was prepared and submitted to NYSDEC for review.

In March 2009, a SVE and sub-slab depressurization system (SSDS) installation was completed and began operation inside Building 10. The SVE/SSDS Installation Document[3] was submitted to NYSDEC for review in July 2009. The SVE System consists of seventeen (17), 4-inch diameter vertical extraction wells installed to depths ranging from 5 to 7 feet below the building slab. The extraction wells were installed on approximate 30 foot centers within the 14,000 sq ft area. Three trenches were utilized to pipe the 17 extraction wells to the SVE shed housing the rotary blower. Within each trench, 2-inch diameter PVC screened piping was installed horizontally within the full length of each of the three trenches. This piping is also connected to the blower and is acting as a SSDS, extracting potential vapors that may accumulate beneath the concrete slab (see Appendix A for SVE/SSDS layout drawing).

Two (2) annual reports[4,5] documenting the operation and monitoring of the SVE/SSDS have been prepared and submitted to NYSDEC since the start-up of the SVE/SSDS. The SVE/SSDS is currently in operation.

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2 "Soil Vapor Extraction (SVE) Pilot Test Summary and SVE System Design Report, Delphi Automotive, Northern Portion of Building 10, Lockport Complex, 200 Upper Mountain Road, Lockport, New York" dated November 2007. GZA File No.: 21.0056364.00

3 "SVE/SSD System Installation Document, Delphi Automotive, Lockport, New York" dated July 2009. GZA File No.: 21.0056445.00

4 "GM Component Holdings, LLC, 200 Upper Mountain Road, Lockport, New York, Building 10 2009 SVE/SSD Operation & Monitoring Report", dated May 2010. Prepared for NYSDEC by GZA.

5 "GM Component Holdings , LLC, 200 Upper Mountain Road, Lockport, New York, Building 10 2010 SVE/SSD Operation & Monitoring Report", dated June 2011. Prepared for NYSDEC by GZA.

Data tables from previous Building 10 investigations are included in Appendix A.

1.4.3 Record of Decision – Delphi Harrison Site

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 to: (a) address residual contaminated soils that may be excavated from the site during future redevelopment, (b) evaluate the potential for 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.

Section 2 - Remedial Investigation: This section summarizes the fieldwork completed with respect to Building 10 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 (sub-slab, indoor air, and outdoor air).

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 (RI) ACTIVITIES

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 fieldwork activities, which were completed as part of the RI since the BCP Agreement was executed in May 2010, consisted of the following on-site activities.

- Test borings and bedrock monitoring well installations;
- Soil probes; and
- Soil, groundwater, sub-slab vapor, and indoor and outdoor air sampling.

This RI was completed in general accordance with the following documents.

- The scope of work described in the "Revised Remedial Investigation Work Plan, GM Components Holdings, LLC, 200 Upper Mountain Road, Lockport, New York, Building 10 Site #932140" 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

In December 2010 and January 2011, Earth Dimensions Inc. (EDI) completed two (2) test borings and installed two (2) bedrock groundwater monitoring wells at locations east and downgradient of the Building 10 BCP Site (see Figure 3). The bedrock monitoring wells were installed to evaluate the bedrock conditions, bedrock groundwater flow direction, and collection of groundwater samples for analytical testing. The two (2) bedrock monitoring wells (MW-10-2 and MW-10-3) were installed between the Building 10 BCP Site and the Building 7 BCP Site, east of Building 10.

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.) hollow stem augers (HSA). Overburden soil samples

from ahead of the HSA were collected continuously 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 HSAs until auger refusal (suspected top of bedrock) was encountered. Auger cuttings from the holes 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 a 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 two (2) completed test borings and analyzed for VOCs. A summary of the samples collected and the analysis performed is shown on Table I. Analytical test results from the test borings 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 powder 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 used to core into the bedrock. Bedrock cores removed ranged from 9.8 feet to 10.3 feet in length. Following the completion of rock coring, the water used during the coring process was containerized for subsequent disposal by GMCH (see Appendix B).

The recovered rock core samples were logged which included 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.). This information is included on the boring logs (see Appendix C).

The bedrock monitoring wells were constructed of 2-inch I.D. flush-coupled Schedule 40 polyvinyl chloride (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 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 bgs. The wells were completed at the surface with a protective steel road box set in concrete.

Following installation, the wells were developed utilizing a centrifugal pump on the drill rig to evacuate the wells and remove drill cuttings and to verify 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. The following table is a summary of the volume of water removed from each well.

Well Location	Volume Removed	One Well Volume	Number of Well Volumes Removed
MW-10-2	8 gallons	2 gallons	4
MW-10-3	4 gallons	2.3 gallons	1.7

One analytical groundwater sample was collected using low-flow techniques from each bedrock well for VOC analysis. 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 & IV and discussed in Section 4.7.

2.2 Soil Probe Exploration

Matrix Environmental Technologies, Inc. (Matrix) installed 20 soil probes inside and west of the Building 10 BCP Site in December 2010 (see Figure 3). These soil probes are designated as 10-SB-1 through 10-SB-21. The soil probe logs are contained in Appendix C. It should be noted that no soil probe with designation 10-SB-13 was completed. The RI Work Plan required six (6) soil probes to be completed in the footprint of the SVE system. Seven soil probes locations were marked out in the event of a utility conflict at a specific location. The soil probe numbering system was kept consistent as was used in the GMCH excavation permit process; 10-SB-13 was the soil probe location that was not needed.

Ten (10) soil probes were completed in the southern portion of Building 10 where previous investigation activities had not been completed. These probes were designated as 10-SB-1 through 10-SB-10 (see Figure 3).

Prior to completing the interior soil probes, the concrete floor slab was cored to remove the concrete. Probes were then pushed through fill material and native overburden soils to the top of bedrock and/or refusal, at soil probes 10-SB-1 through 10-SB-17. Bedrock was generally encountered at 7 to 10 feet below the building slab, with the exception of 10-SB-11 (completed in the northern portion of the building), where refusal was encountered at 4.5 feet below the building slab. Soil probes 10-SB-18 through 10-SB-21 were pushed through fill material and native overburden soils to a depth of 3 feet bgs. Due to the presence of utilities within the area at depths of about 4 feet bgs and the previous cadmium detection was at sample depth of 0 to 2 feet bgs, these four (4) probes were not advanced past 3 feet bgs.

Six (6) soil probes were completed within the approximate 14,000 square foot footprint of the SVE/SSDS in the northern portion of Building 10. These probes were designated as 10-SB-11, 10-SB-12, and 10-SB-14 through 10-SB-17 (see Figure 3). 10-SB-13 was not completed. The purpose of the soil probes was to assess contaminant concentrations in the soil in the northern portion of Building 10 and evaluate the effectiveness of the SVE system. Upon completion, each soil probe was converted to a vacuum monitoring point which will be used to assess the vacuum distribution of the SVE system in the subsurface. Polyethylene tubing (¼-inch outer diameter) was installed to a depth of approximately 4 to 5 feet bgs within a sand pack at each location (see soil probe logs in Appendix C). The sand pack was installed from the bottom of the soil probe to approximately 3.5 feet below the slab. A hydrated bentonite seal was installed from about 3.5 feet to the bottom of the concrete slab. The vacuum monitoring point was finished with a flush mounted road box cover set in concrete.

Four (4) soil probes were also completed on the exterior western side of Building 10 in the vicinity of boring 10-105, which contained cadmium at a concentration of 22.3 ppm in the 0-2 foot sample. The

four (4) soil probes in the vicinity of boring 10-105 were designated as 10-SB-18 through 10-SB-21 (see Figure 3).

Soil probes were advanced using direct push methodology via hydraulic hammer on a track mounted probe rig. Soil samples from the soil probes 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.

A summary of the soil samples collected and respective analysis performed is shown on Table I. Soil sample analyses included VOCs, SVOCs, PCBs, and metals. 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

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 equipped with a 10.6 eV bulb. The OVM was calibrated daily using a gas standard (isobutylene), in accordance to manufacturer's requirements. The split spoon sampler and/or acetate liner was opened, and the soil samples retrieved were screened immediately with the OVM by passing the OVM over the top of the retrieved samples and splitting the sample cores open at 4 to 6 inch intervals. The peak OVM readings per 2-foot screening interval were recorded on the boring and soil probe logs in Appendix C.

2.4 Indoor Air Sampling

Indoor air (IA) sampling was completed within Building 10 in January 2011 to assess the effectiveness of the previously installed SVE/SSDS operating in Building 10. Two sampling events were completed as part of the Building 10 IA sampling. Two (2) IA samples were collected on January 18, 2011 while the SVE/SSDS was in operation and two (2) IS samples were collected on January 20, 2011 after the SVE/SSDS had been shut down for at least 24 hours prior to the sampling. The sampling locations are identified on Figure 3.

The IA samples are identified by the location, sample type, and date of collection (i.e., 10-VI-2IA-011811).

The IA samples collected while the SVE/SSDS was in operation were 10-VI-1IA-011811 and 10-VI-2IA-011811. The IA samples collected while the SVE/SSDS was shut down were 10-VI-1IA-012011 and 10-VI-2IA-012011. One outdoor air sample, designated 10-VI-OUT-011811, was collected during the first sampling event (see Figure 3).

GMCH maintains a database of approved chemicals and chemical products stored and used within Building 10. GMCH provided a list of products containing the compounds of concern [TCE, PCE, vinyl chloride (VC), cis-1,2-dichloroethylene (cis-DCE) and trans-1,2-dichloroethylene (trans-DCE)]. No active or in-use products or chemicals containing the compounds of concern were identified for Building 10. A copy of the database was provided for review prior to completing the air sampling and is included in Appendix D.

During the initial air sampling event on January 18, 2011, observations of the chemicals and chemical products present within approximately 25 to 30 feet of the sampling areas were made. An OVM with a photo-ionization detector, 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 VI sampling locations and the OVM readings.

Sampling Location	Product Present	Field Screening Result	Background Field Screening Result
10-VI-1IA	55-gallon drum with used air filters from the operation of the SVE system.	2,368 ppb	2,090 ppb
10-VI-2IA	Betco Cleaner degreaser	3,369 ppb	3,540 ppb

It should be noted that some minor interior painting had been completed on January 15, 2011, prior to the first IA sampling event and the floor inside Building 10 had been waxed on January 18, 2011, the day of the first IA sampling event.

The IA samples were collected from the breathing zone, approximately 4 feet above the floor slab. Polyethylene tubing was connected to the sample canister 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. After 1 minute, the pump was turned back on to confirm that the band clamp seal was intact. See Air/Vapor Sampling Forms in Appendix E for testing documentation.

The IA samples were analyzed for VOCs via EPA Method TO-15 in general accordance with NYSDOH VI Guidance[6]. The air sampling was completed using dedicated, laboratory-supplied flow regulators and sample canisters set for an approximate eight-hour duration (e.g., standard shift duration in a commercial/industrial facility). The canister valves were generally closed, stopping the sampling after the vacuum had dropped to below -5 inches of mercury (in. Hg) and before it reached 0 in. Hg in order to maintain a vacuum on the canisters (see Air/Vapor Sampling Form in Appendix E).

Analytical test results from the IA sampling are summarized on Table V and the results are further discussed in Section 4.8.

2.5 Hydraulic Conductivity Testing

The hydraulic conductivity of the two (2) bedrock monitoring wells installed as part of the Building 10 RI were calculated via slug test methodologies using water levels measured by an electronic pressure transducer (Insitu MiniToll). Prior to installing the slug, an electronic pressure transducer was placed into the monitoring well approximately 2 feet from the bottom of the well, and 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

6 "Final Guidance for Evaluating Soil Vapor Intrusion in the State New York" dated October 2006.

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 five-foot long by 1.5 inch diameter piece of PVC pipe filled with sand. 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 a minimum of 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 recovery 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[7] as discussed in Section 3.7.

2.6 Groundwater Sampling

In addition to the two (2) new groundwater monitoring wells, groundwater samples were also collected from two (2) existing wells (Bldg 10-MW-1 and MW-9-101-A, see Figure 3) as part of the Building 10 BCP RI. These four (4) monitoring wells are considered to be the Building 10 BCP Site monitoring well network.

Thirty-nine (39) monitoring wells were sampled between April and May 2011 across the GMCH Lockport 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. For purposes of the groundwater assessment discussion, VOCs are the primary constituents of concern.

Groundwater sampling was conducted via 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 10 BCP Site and the analyses performed are 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 during the December 2010 and January 2011 RI work;
- TestAmerica Buffalo – Groundwater samples collected during the April and May 2011 RI work; and

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

- TestAmerica Knoxville – Air samples collected during the January 2011 RI work.

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 Quality Control (QC) duplicate and matrix spike and matrix spike duplicate (MS/MSD) samples) were collected from the two (2) monitoring wells and 20 soil probes completed as part of the Building 10 RI. A duplicate soil sample was collected from 10-SB-3 (4 to 6 feet) and MS/MSD samples were collected from 10-SB-5 (4 to 7.5 feet). A summary of samples collected for analytical testing and parameters tested for are presented in Table I and the results are presented in Table II.

2.7.2 Groundwater Samples

Four (4) groundwater samples (excluding QC duplicate and MS/MSD samples) were collected from the four (4) monitoring wells in the Building 10 BCP Site monitoring well network as part of the Building 10 RI. A duplicate groundwater sample was collected from MW-10-3 and MS/MSD samples were collected from MW-10-2. A summary of analytical samples collected and the analyte list are presented in Table I; results are presented in Table III and Table IV.

2.7.3 Soil Vapor Intrusion Samples

Five (5) samples (excluding QC duplicate sample) were collected as part of the Building 10 BCP RI. Four (4) of the samples were IA samples and one (1) sample was an ambient outdoor air sample that was collected from an exterior upwind location of Building 10. A duplicate air sample was collected from 10-VI-2IA-011811. A summary of analytical samples collected and the analyte list are presented in Table I; results are presented in Table V.

2.8 Building 10 Subsurface Utility Assessment

The plan view of the subsurface piping information for the Building 10 BCP Site is shown on Figure 4. The subsurface information from the drawings (i.e., pipe locations and inverts) was used to create cross-sections of the various sewer pipes along with investigation-derived information (i.e., depth to bedrock, groundwater elevation). The cross-section is shown on Figure 5.

There are three (3) types of sewers present beneath Building 10, 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 blue on Figures 4 and 5.

- Sanitary Sewers – These sewers contain sanitary sewage from the restrooms and sinks present throughout Building 10. 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 10. During low flow (i.e., flow rate of less than 300 gallons per minute [gpm]) the storm sewers discharge to the City of Lockport WWTP. During high flow (i.e., flow rates greater than 300 gpm) the storm sewer discharges to the drainage swale at Outfall D002. This drainage swale connects to The Gulf (see Section 3.6 for description), east of Outfall D002. The Gulf discharges off-site along the eastern property line and eventually to Eighteenmile Creek northeast of the GMCH facility. The storm sewers are identified in light blue on Figures 4 and 5.

Based on a review of storm water flow data for Outfall D002 from September 18, 2010 through September 17, 2011 high flow events occurred 57 times (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). 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 flume at the outfall prior to discharging to the drainage swale; 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 meter does 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.

Outfall D002 has 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.

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.

It appears that part of the north-south orientated storm sewer piping present beneath the eastern portion of the building is below the groundwater table and also present within the bedrock. In addition, the storm sewer piping present on the east side of the building that transfers storm water from Building 10

to the main storm sewer line (which runs west-east through the center of the GMCH Facility) is also present beneath the groundwater table.

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. It appears that 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 orientated in a west to east direction. A significant portion of the subsurface piping present in the central portion of the facility is present 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 monitoring wells and soil probe locations done on the exterior of Building 10 by a licensed land surveyor (McIntosh & McIntosh, PC). The monitoring well ground surface, road box, and monitoring point elevation was measured and referenced to the National Geodetic Vertical datum (NGVD). The ground surface of the exterior soil probes were also referenced to the NGVD. The exterior monitoring well and soil probes were also measured horizontally and referenced to the NAD83/96, New York State Plan Coordinates, West Zone.

Detailed building drawings were provided by GMCH that identified prior sampling locations within the footprint of the building, and were used to locate the interior sampling locations as part of the Building 10 BCP Site RI. The interior monitoring wells and soil probe surface elevations were determined using the floor elevation from within Building 10 (elevation 615.46 feet AMSL). The monitoring points of the monitoring wells were measured with a tape measure from the top of the floor slab to the top of the monitoring point. The horizontal measurements of the monitoring wells, soil probes, and IA sample locations were measured from marked columns present throughout the building at a 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 10 BCP Site is approximately 10.6 of the 342.25 acres that make up the GMCH facility. The majority of the Building 10 BCP Site consists of the footprint of Building 10 (see Figure 3). The ground surface and building concrete floor slab are generally level surfaces and the concrete floor slab is at exterior ground surface in the northern and western portion of the Building 10 BCP Site and approximately 4 feet higher than exterior ground surface in the southern and western portion of the Building 10 BCP Site. The floor elevation within Building 10 is 615.46 feet above mean sea level.

North of the Building 10 BCP Site is a paved facility roadway, Building 9, and beyond that a paved parking lot. Residential properties are located along Upper Mountain Road north of the GMCH Facility. To the east is a paved facility roadway and some grassy areas, Building 7, Building 7A, and beyond that a paved parking lot. To the south is a paved facility roadway, a grassy area beyond which is a New York Central Railroad line. To the west are small facility buildings and storage areas, beyond which are unused GMCH property and the Town of Lockport Industrial Park.

The Building 10 BCP Site is occupied by one building with an approximate 453,134 square-foot footprint. Areas not occupied by the building include paved areas used as storage, parking, and loading docks. The building has been used for some manufacturing and warehousing since it was built in stages from 1960 to 1969.

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

In general, the Niagara Escarpment, further discussed in Section 3.4, acts 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

As the majority of the Building 10 BCP Site is covered by the building footprint, 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 occurs.

Surface water entering the storm sewer system flows to Outfall D002, located east of Building 8. During periods of low flow (i.e., flow rates less that 300 gpm) storm water at Outfall D002 is directed to the City of Lockport WWTP. During periods of high flow, storm water is discharged to the drainage swale east of Outfall D002, which flows east and connects to The Gulf stream, which enters the GMCH Lockport Facility from the southern property boundary. The drainage swale and The Gulf stream join near the eastern property line (between the location of MW-12 and MW-13), flow northeast beneath Upper Mountain Road, and flow down into the Gulf at a location east of the GMCH Lockport Facility and eventually to Eighteenmile Creek northeast of the GMCH Facility.

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 downward to the east.

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

Regionally, the surficial geology consists of glacially derived soils comprised of lacustrine clays and silts which overly 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 Grismby 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 and were 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.

3.5 Site Geology

3.5.1 Overburden

Overburden soil conditions at the Building 10 BCP Site typically consist of fill material ranging in thickness from about 1 to 2 feet (based on probe locations completed in the northern portion of the building) to 3 to 5 feet (based on probe locations completed in the southern portion of the building). The fill material generally consists of fine grained silts and clays (potentially reworked native soils). The fill material overlays native soils (clayey silts to silty clays with lesser and varying amounts of sands and gravel). Bedrock is generally encountered at depths ranging from approximately 7 to 10 feet below the surface.

3.5.2 Bedrock

Bedrock underlying the GMCH facility is the Lockport Dolomite Formation. Two (2) shallow bedrock monitoring wells that were installed as part of the Building 10 BCP RI are completed in the Lockport Dolomite. The two (2) bedrock wells were advanced through the overburden soil and approximately 12 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 good (rock quality designation (RQDs) of 76 to 90 percent) quality based on the RQD obtained from the bedrock coring done and recorded on the test boring logs in Appendix C. However, one bedrock core at MW-10-2 from 7 to 11.8 feet had a RQD value of 26, which is considered to be poor.

RQD values for bedrock cores obtained from the Building 10 BCP Site ranged from 26 to 94 percent, with an average of 71 percent. In general, the rock cored in the borings completed as part of the Building 10 RI did not exhibit extensive fractures or jointing with the exception of rock core from MW-10-2 (7 to 11.8 feet) as indicated by the relatively low RQD value.

3.6 Regional Hydrogeology

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

3.7 Site Hydrogeology

Two bedrock groundwater monitoring wells (see Figure 3) have been installed at the Building 10 BCP Site as part of the RI. Water levels in these bedrock wells range from about 2.5 to 3 feet below the top 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 ft/ft based on the groundwater elevations measured at MW-10-2 (located on the east side of Building 10) and TK-5 (located west of Building 10) (see Figure 8).

Groundwater beneath the entire GMCH facility (based on the measured groundwater elevations from 43 facility monitoring wells on May 2, 2011) flows generally from east to west with a gradient of about

0.009 ft/ft, based on the groundwater elevations of MW-9-101-A (located south of Building 9) and MW-13 (located along Upper Mountain Road on the eastern property line) (see Figure 8).

Groundwater flow within the bedrock at the Building 10 BCP Site is generally controlled by fractures and joints within the rock mass. As discussed in Section 2.8 above, sewer lines are present onsite that intercept groundwater. Groundwater flow may also be influenced in part by the sewer systems. The RQD values obtained during the subsurface explorations associated with Building 10 indicate the rock encountered during the coring is generally not highly fractured or jointed. However, localized variations can occur.

3.7.1 Hydraulic Conductivity and Velocities

Estimated horizontal hydraulic conductivity values were calculated from rising head slug tests conducted in the two (2) bedrock monitoring wells; MW-10-2 and MW-10-3. As shown in Appendix G, the effective hydraulic conductivity in the Building 10 BCP Site (inclusive of MW-10-2 and through MW-10-3) is relatively low and varies between approximately 6.4×10^{-5} cm/s (MW-10-2) and 1.7×10^{-4} cm/s (MW-10-3) or 0.2 to 0.5 feet per day (feet/day), with an average of 0.34 feet/day.

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

- Building 7 BCP RI Wells: 1.6×10^{-6} cm/s to 5.2×10^{-4} cm/s (0.005 to 1.5 feet/day)
- Building 8 BCP RI Wells: 9.7×10^{-6} cm/s to 9.9×10^{-4} cm/s (0.03 to 2.8 feet/day)
- Delphi Site: 1.1×10^{-6} cm/s to 1.1×10^{-2} cm/s (0.003 to 31 feet/day)

Groundwater flow velocities within the upper bedrock were calculated using Darcy's Law. It has been assumed 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 estimates. The parameters required for this determination include hydraulic conductivity, hydraulic gradient, and porosity. The hydraulic conductivity and hydraulic gradient were determined based on field measurements.

The porosity was estimated by assessing published values for fracture porosity. Snow[8] 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 fractured bedrock with hydraulic conductivity on the order of 10^{-2} to 10^{-4} cm/s, Jumikis published values of secondary porosity between about 5 and 20%[9]. Freeze and Cherry[10] estimated porosity in fractured rock to be between 0 and 10% and Fetter[11] reported values from limestone and dolomite range from less than 1 percent to 30%. It is expected that the porosity ranges are 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.

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.
10 "Groundwater"; Freeze,, R.A., and Cherry, J.A; Prentice Hall Inc, 1979.
11 "Applied Hydrogeology" 3rd Edition; Fetter, C.W.; MacMillan College Publishing Company., 1994.

Utilizing a horizontal hydraulic gradient for the Building 10 BCP Site of 0.005 ft/ft, an average hydraulic conductivity of 124 feet/year, and assumed effective porosities of 0.005 and 0.05, the average linear velocity for groundwater ranges from 12.4 to 124 feet/day, with an average of approximately 68 feet/year (see Appendix G).

Equation 1: Average Linear Velocity

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

3.8 Land Use and Demography

The Building 10 BCP Site is part of the GMCH facility in 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 Lockport Facility is located in an area of mixed residential, agricultural, commercial, and industrial settings along Upper Mountain Road.

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 10 BCP Site (light manufacturing and warehouse 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 10 BCP Site because it is located within a larger manufacturing facility (GMCH Lockport Facility). There are no state or federal wetlands with ¼ mile radius of the Building 10 BCP Site (see Figure 12).

Step #9 identified the following resources:

- Any endangered, threatened or special concern species or rare plants or their habitat; - *Not Applicable (NA)*
- Any DEC designated significant habitats or rare NYS Ecological Communities; *NA*
- Tidal or Freshwater wetlands; *NA*
- Stream, creek or river; *NA*
- Pond, lake, lagoon; *NA*
- Drainage ditch or channel; *NA*
- Other surface water feature; *NA*
- Other marine or freshwater habitat; *NA*
- Forest; *NA*

- Grassland or grassy field; *NA*
- Parkland or woodland; *NA*
- Shrubby area; *NA*
- Urban wildlife habitat; *NA*
- Other terrestrial habitat. *NA*

Additionally, the NYSDEC Natural Heritage Unit reviewed 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). The response from NYSDEC's Natural Heritage Unit indicated 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 for NYSDEC response letter).

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 of Niagara Falls, New York prepared three quality assessment and validation reports (QAVR) for the analytical data collected as part of the Building 10 BCP 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 10 Soils, GM-Lockport, Lockport, New York, December 2010 - January 2011" dated February 14, 2011.
- Memorandum from CRA – "Data Quality Assessment and Validation, BCP Investigation, Building 10 Air, GM-Lockport, Lockport, New York, January 2011" dated March 16, 2011.
- Memorandum from CRA – "Data Quality Assessment and Validation, BCP Investigation, Building 10 Groundwater, GM-Lockport, Lockport, New York, April 2011" dated July 7, 2011.

Copies of the three QAVRs, along with validated analytical data, qualifiers, and 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 were 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 were 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 were 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

In order to determine if a potential threat to human health or the environment exists, the comparative criteria used for assessment of the various media samples 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) was used for assessment of the data.

Groundwater

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

Vapor Intrusion Air Samples

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

4.3 Contaminant Types

Discussions of laboratory analytical results for the various identified environmental media are presented by the chemical classes including VOCs, SVOCs, PCBs, and inorganics that were analyzed for and detected as part of the RI. Some compounds of these chemical classes were identified at concentrations exceeding associated New York State criteria at sporadic locations around the Site. Based on previous investigations, the principal contaminant of concern in the groundwater for the Building 10 BCP Site and throughout the GMCH facility are VOCs, primarily PCE, TCE, and their breakdown products (i.e., cis-DCE and VC).

4.4 Source Areas

No additional source areas or cause for releases of contaminants were identified as part of the RI. The soil probes completed inside Building 10 were completed to assess the following three areas.

- The southern portion of Building 10 had not been investigated as part of previous investigations; therefore, soil probes 10-SB-1 through 10-SB-10 were completed in the southern portion of the Building 10 BCP Site (see Figure 3).

- Cadmium was previously detected in an area west of the Building 10 BCP Site, in the vicinity of a Salvage Equipment Storage Area; therefore soil probes 10-SB-18 through 10-SB-21 were completed in this area.

- Six (6) soil probes (10-SB-11, 10-SB-12, and 10-SB-14 through 10-SB-17) were completed within the footprint of the SVE/SSDS to assess contaminant concentrations in the soil in this area, as the SVE system will have been in operation for approximately 21 months at the time of the investigation.

Ten (10) soil probes (10-SB-1 through 10-SB-10) were completed in the southern portion of Building 10. Field screening results with the OVM were non-detect at the ten (10) probe locations. The concentrations of VOCs, SVOCs, and metals detected in the four (4) samples analyzed from these soil probes were below their respective Part 375 Unrestricted Soil Cleanup Objectives (USCOs) without exception.

Four (4) soil probes (10-SB-18 through 10-SB-21) were completed around the location of the cadmium detected in boring 10-105. Of the metals detected in the four (4) samples analyzed from these soil probes, none exceeded their respective Part 375 PGWSCOs.

Six (6) soil probes were completed within the footprint of the SVE/SSDS and six samples were analyzed for VOCs. PCE was detected in the six (6) samples at concentrations exceeding the Part 375 PGWSCO (1.3 ppm). These detected concentrations ranged from 5 ppm (10-SB-16) to 870 ppm (10-SB-14).

4.5 Surface Soil Analytical Results

Surface soil samples were not collected as part of this RI, as the entire Building 10 BCP Site footprint is either covered by the building footprint or surface cover (i.e., pavement or concrete).

4.6 Subsurface Soil Analytical Results

Sixteen (16) subsurface soil samples (excluding QC samples) were collected for analysis from 20 soil probes and two (2) test borings completed as part of the Building 10 RI. Of the 16 samples collected:

- Thirteen (13) were analyzed for VOCs via SW-846 8260B;
- Five (5) were analyzed for SVOCs via SW-846 8270C;
- Five (5) were analyzed for PCBs via SW-846 881; and
- Eight (8) 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. Soil analytical results are summarized on Table II and on Figure 9.

4.6.1 Volatile Organic Compounds

Thirteen (13) subsurface soil samples (excluding QC duplicate and MS/MSD samples) were analyzed from the 20 soil probes and two (2) test borings completed as part of the Building 10 RI for VOCs.

From these 13 soil samples, four different VOCs were detected above method detection limits, which include methylene chloride, PCE, TCE, and cis-DCE (see Table II). PCE was the only compound detected at a concentration that exceeds both its Part 375 CSCO and PGWSCO. The Part 375 CSCO for PCE (150 ppm) was exceeded in three of the six samples collected from within the footprint of the SVE/SSDS, which is in operation. The PGWSCO (1.3 ppm) was exceeded in all six samples. The detected concentrations ranged from 5 ppm (10-SB-17 [4 to 6 feet]) to 870 ppm (10-SB-14 [6 to 8 feet].

4.6.2 Semi-Volatile Organic Compounds

Five (5) subsurface soil samples (excluding QC duplicate and MS/MSD samples) were analyzed from the 20 soil probes and two (2) test borings completed as part of the Building 10 RI for SVOCs.

One (1) SVOC, bis(2-ethylhexyl)phthalate, was detected above method detection limits at a concentration of 92 ppb in one sample (10-SB-5 [4 to 7.5 feet]) (see Table II). Bis(2-

ethylhexyl)phthalate does not have a Part 375 CSCO or PGWSCO. No other SVOCs were detected above method detection limits in the other samples tested.

4.6.3 Polychlorinated Biphenyls (PCBs)

Five (5) subsurface soil samples (excluding QC duplicate and MS/MSD samples) were analyzed from the 20 soil probes and two (2) test borings completed as part of the Building 10 RI for PCBs. No PCBs were detected above method detection limits.

4.6.4 Metals

Eight (8) subsurface soil samples (excluding QC duplicate and MS/MSD samples) were analyzed from the 20 soil probes and two (2) test borings completed as part of the Building 10 RI for metals.

From these eight (8) soil samples, 18 different metals were detected above method detection limits (see Table II). None of the 18 metals were detected at concentrations above their respective Part 375 CSCOs or Part 375 PGWSCO.

4.7 Groundwater Analytical Results

Four (4) groundwater samples (excluding QC duplicate and MS/MSD samples) were collected as part of the Building 10 BCP Site RI for VOCs analysis. The groundwater samples were collected from the two (2) monitoring wells (MW-10-2 and MW-10-3) installed as part of the Building 10 BCP Site RI and two (2) existing monitoring wells (Bldg 10-MW-1 and MW-9-101-A). Figure 3 shows the approximate locations of the monitoring wells sampled and the groundwater analytical test results are summarized on Table III and Table IV and Figure 10.

Results of the groundwater sampling from the four (4) monitoring wells sampled as part of the RI indicate the presence of VOC in three (3) of the four (4) wells sampled. PCE was detected at a concentration of 120 ppm in the sample collected from Bldg 10-MW-1, located within the footprint of the SVE/SSDS. PCE concentrations detected in downgradient wells MW-10-2 and MW-10-3 were 1.1 ppm and 0.013 ppm, respectively. The source of the PCE present beneath the northern portion of Building 10 and detected in the downgradient groundwater monitoring wells appears to be within the area where the SVE/SSDS is currently operating.

4.7.1 Volatile Organic Compounds

Five (5) different VOCs (PCE, TCE, cis-DCE, trans-DCE, and VC) were detected above method detection limits in three (3) of the four (4) groundwater samples collected. No VOCs were detected above method detection limits in the groundwater sample collected from the upgradient well MW-9-101-A.

These five (5) chlorinated VOCs were detected above their respective NYSDEC Class GA criteria in the other three (3) monitoring locations. The highest concentrations were detected in the groundwater samples collected from Bldg 10-MW-1, with a total VOC concentration of 124.9 ppm. The total VOC concentration at MW-10-2 was about 3.5 ppm and MW-10-3 was 30 ppb.

In addition to the four (4) groundwater samples collected for VOC analysis as part of the Building 10 BCP Site RI, 35 additional monitoring wells located throughout the GMCH facility were sampled for VOCs as part of other BCP Site RIs or 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 Site RIs and other sampling completed, chlorinated VOCs are present in the groundwater throughout the GMCH facility, from Building 10 to the east side of Building 7 and also beneath a portion of Building 8. To the east of Building 8 is the Delphi Harrison Site (discussed in Section 1.4) where chlorinated VOCs are also present in the groundwater. However, the VOC contamination does not appear to be migrating off-site as six (6) of the seven (7) monitoring wells along the eastern property line (downgradient location) did not contain concentrations of VOCs above method detection limits. These six wells, from north to south, are as follows: MW-6-2, MW-6-1, MW-11, MW-13, MW-7-2 and MW-7-4. PCE (6.7 ppb) and TCE (7 ppb) were detected slightly above their respective Class GA criteria (5 ppb) at MW-15, which is located about 100 feet from the eastern property line.

4.8 Indoor Air Analytical Results

Four (4) IA and one (1) outdoor air samples (excluding QC duplicate samples) were collected as part of the Building 10 BCP Site RI for VOCs analysis using EPA Method TO-15. Two (2) IA samples were collected on January 18, 2011 while the SVE/SSDS was in operation and two (2) IA samples were collected on January 20, 2011 after the SVE/SSDS had been shut down for at least 24-hours prior to the sampling. The results are summarized on Table V and Figure 11.

The results of the two IA samples (10-VI-1IA-011811 and 10-VI-2IA-011811) collected while the SVE/SSDS was in operation did not indicate the presence of VOCs that are regulated by the NYSDOH Guidance (see Table V). Six different VOCs (ethanol, ethylbenzene, hexane, m&p-xylene, o-xylene, and toluene) were detected above method detection limits in the two IA samples collected while the SVE/SSDS was in operation. The results from the outdoor air sample (10-VI-OUT-011811) collected from an upwind direction the same day the IA samples were collected indicated the presence of 22 different VOCs. Six (6) VOCs were detected in both the IA and outdoor samples.

The results of the two IA samples (10-VI-1IA-012011 and 10-VI-2IA-012011) collected after the SVE/SSDS had been shut down did not indicate the presence of VOCs regulated by the NYSDOH Guidance at concentrations exceeding their respective guidance values (see Table V). Six different VOCs (4-methyl-2-pentanone, ethanol, hexane, tert-Butyl alcohol, toluene, and TCE) were detected above method detection limits in the two IA samples collected while the SVE/SSDS was shut down. TCE was detected at a concentration of 4.6 micrograms per cubic meter (ug/m^3) at IA samples location, 10-VI-1IA-012011, which is below its NYSDOH Guidance value of 5 ug/m^3.

The low concentrations of TCE detected in the IA sample (10-VI-1IA-012011) collected while the SVE/SSDS was shut down indicates that the system effectively mitigates soil vapor intrusion into Building 10.

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 Building 10 BCP 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 present could constitute an exposure pathway currently or under the future intended land use scenarios. More specifically, the CSM addresses:

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

The Building 10 CSM has been prepared using information derived from the RI sampling and analytical testing program. These investigations document the following key factors on contaminant presence and mobility at the Building 10 BCP Site:

Site Features/Characteristics:

- The Building 10 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 fine grain silts and clays, ranging from approximately 1 to 5 feet below ground surface with deeper fill being encountered on the southern side of the Building 10 BCP Site. Below the fill are native clays and silts. Bedrock consisting of the Lockport Dolomite was encountered between 7 and 10 feet below ground surface.

- Based on the most recent Building 10 BCP Site groundwater elevation (El) data, the groundwater table across the 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 10 BCP Site, ranging from approximately El 612 on the western side of the Building 10 BCP Site to approximately El 608 on the eastern side of the Building 10 BCP Site. Groundwater was encountered during the most recent investigations at approximately 2 to 3 feet below ground surface.

- Groundwater is not utilized for potable or non-potable uses at the Building 10 BCP Site.

Site Data:

Soil:

- Based on field investigations conducted prior to the RI in 2006 and 2007 (refer to Appendix A), cadmium and VOCs, specifically PCE, were detected above PGWSCOs in select soil samples. The PCE detections were noted at elevations consistent with the groundwater table.

- Based on the results of the RI soil investigation, VOCs, particularly PCE and TCE, were encountered in the soil in excess of the PGWSCOs in various locations at depths ranging from 0 to approximately 9 feet below ground surface. Concentrations of PCE ranged from 5 mg/kg to 830 mg/kg. Concentrations of TCE ranged from 0.48 mg/kg to 18.9 mg/kg.

- Based on the results of the Building 10 BCP Site RI soil investigation, metals, PCBs, and SVOCs were not detected above the ISCOs, CSCOs, or PGWSCOs.

Groundwater:

- Based on historical and recent sampling as part of the Building 10 BCP Site RI, the primary contaminants identified in groundwater include PCE, TCE, cis-1,2-DCE, trans-1,2-DCE, and vinyl chloride, with the highest concentration detected in well Bldg 10-MW-1.

- As previously noted, groundwater is not currently used onsite for potable water 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.

Indoor Air:

- As previously noted, a SVE/SSD system has been previously installed at the Building 10 BCP Site.

- Two IA samples were collected as part of the Building 10 BCP RI during the operation of the SVE/SSD system. The results indicated that the SVE/SSD system is effective in the mitigation of soil vapor intrusion at the Building 10 BCP Site.

5.1 Contaminants of Concern

A summary of the Building 10 BCP Site contaminants of concern (COCs), potential source evaluation, and delineation of nature and extent has been developed from the Building 10 BCP Site explorations, sampling, and testing as described in detail in the preceding sections of this report.

Based on the investigation and analytical results as summarized above, the Building 10 BCP Site COCs have been identified based on the detection of substances that are Building 10 BCP Site-related and are present at the Building 10 BCP Site at levels higher than the relevant standards, criteria, and guidelines (SCGs). Consistent with the approved RIWP, the Building 10 BCP Site data were evaluated on the

basis of the soil cleanup objectives (SCOs) 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 decision matrices included in the NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the New York State (2006) for sub-slab vapor and indoor air. The SCGs represent risk-derived concentrations determined by the NYSDEC/NYSDOH to be fully protective of human health and the environment under commercial or industrial land uses.

The COC analysis included the Building 10 BCP Site soil, groundwater, and sub-slab vapor/indoor air data sets that are summarized on Tables II through V, which identifies those substances that were detected at concentrations higher than comparison criteria. The determination of COCs for the Building 10 BCP Site was based on the following factors:

- COC substances have been consistently detected at concentrations above the screening criteria.
- COC substances can be associated to the Building 10 BCP Site operations and are not naturally-occurring and/or ambient conditions surrounding the Building 10 BCP Site.
- COC substances have been detected at a frequency and concentration that would indicate a reasonable potential for human or environmental exposure.

The evaluation of the Building 10 BCP Site data identified the following COCs:

- PCE, TCE, cis-1,2-DCE, trans-1,2-DCE, and vinyl chloride in groundwater, and;
- PCE and TCE in soil.

These COCs have been 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, cadmium and toluene in soil have not been included as a COC due to the following reasons:

- Due to only one incidence of cadmium and toluene detected in soil samples at a concentration greater than the PGWSCOs and cadmium above the CSCOs during the investigation, it is anticipated that these detections are anomalous and not representative of Site-wide conditions. The detections are below their respective ISCOs and the presence of these compounds is not anticipated to impact groundwater and migrate from the Building 10 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 Building 10 BCP Site. The summary below provides 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 10 BCP Site. Potential exposure pathways are further described and form the

basis of the site-specific QHHEA performed for the Building 10 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 10 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 result from natural breakdown of PCE in soil and groundwater.

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

5.3 Qualitative Human Health Exposure Assessment

A Qualitative Human Health Exposure Assessment (QHHEA) is an evaluation of the potential for a complete pathway to exist by which human receptors may be exposed to the Building 10 BCP Site COCs. The QHHEA process is used as an initial screening tool to assess the potential that any COC identified in the Building 10 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 options to mitigate human exposure and potential risk that may currently exist or which could exist in the future. The Building 10 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 10 BCP Site:

- Qualitatively evaluate actual or potential exposures to Building 10 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 10 BCP Site could potentially occur; and,
- If the QHHEA concludes that complete exposure pathways are potentially present at the Building 10 BCP Site, describe the nature of the population exposed, or potentially exposed, to contaminants that are present at the Building 10 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 COCs identified on the Building 10 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 at the Building 10 BCP Site:

1. Presence of a contaminant in a medium (soil, air, or water);
2. Receptor (i.e., a Site 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 10 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, vapor/air) on the Building 10 BCP Site, Table VII presents an assessment of whether COCs 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 guidelines as referenced above and as appropriate for this Building 10 BCP Site.

The current and reasonably anticipated exposure settings for the Building 10 BCP Site are based on inadvertent ingestion, adsorption or inhalation of COCs to the extent these substances have been identified as being contained within soil, groundwater, or air/vapor at the Building 10 BCP Site. Exposed populations include workers under the current Building 10 BCP Site use scenario, and workers and occupants of the Building 10 BCP Site in future commercial or industrial occupancy of the Building 10 BCP Site. The future Building 10 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 10 BCP Site exposure setting is further described on Table VII.

In summary, exposure pathways for soil, groundwater, and vapor/air are currently incomplete because there are controls on the Building 10 BCP Site 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 these controls are defined in the relevant regulations of 6 NYCRR Part 375-1 including a surface cap, access restriction/control, lack of potable use of groundwater, and the presence of a SVE/SSD system prevent the potential for exposure to the COC.

Assessment of future conditions assume that yet to be defined commercial or industrial development may occur at the Building 10 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 these scenarios, the QHHEA process concludes that exposure pathways to certain receptor populations could potentially become temporarily complete. For groundwater, currently there is no complete exposure pathway given that groundwater is not currently used at the Building 10 BCP Site, however should it be used in the future particularly for potable uses, the exposure pathway would be complete. The remedial technology and/or 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 10 BCP Site.

6. CONCLUSIONS & RECOMMENDATIONS

In accordance with the NYSDEC BCA for the Building 10 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 10 BCP Site and indoor air within Building 10.

This RI Report provides the results of the RI and incorporates previous Site investigation data and results. 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 was used to evaluate if remedial actions are warranted at the Building 10 BCP Site to be protective of human health and the environment. GMCH anticipates that future use of the Site will be limited to commercial or industrial use.

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 10 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 10 BCP Site consist of PCE, TCE, cis-1,2-DCE, trans-1,2-DCE, and vinyl chloride in soil and groundwater.

- Potential impacts to indoor air are currently being mitigated via a soil vapor extraction/sub-slab depressurization (SVE/SSD) system installed at the Building 10 BCP Site.

- 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.

- Cadmium, toluene, o-xylene and m.p-xylene were each detected one time in soil samples collected from the Building 10 BCP Site. The limited number of detections for these compounds indicates that soil is not significantly impacted in association with these compounds within the Building 10 BCP Site.

- COC contaminated groundwater is present within the Building 10 BCP Site and migrating in an easterly direction towards Building 7. Another source of COCs is present in the groundwater down gradient (east) of Building 10 associated with the Building 7 BCP Site. 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 10 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 Qualitative Human Health Exposure Assessment (QHHEA) for the Building 10 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 10 BCP Site could pose an existing or potential hazard to the exposed or potentially exposed populations. Results of the QHHEA include:

- There were no complete human health exposure pathways identified at the Building 10 BCP Site under the current Building 10 BCP Site 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 COCs in groundwater as groundwater is not, nor is planned to be, used for potable or non-potable purposes.

- There is a potentially complete exposure pathway for soil vapor within the Building 10 BCP Site building in the event that the engineering controls are disabled or become inactive. Continued mitigation with the existing SVE/SSD system or modified engineering control in the future is indicated.

- The potential for future complete exposure pathways from inadvertent ingestion, dermal absorption, and inhalation of COCs could potentially exist to the extent that the building foundations/pavement are removed and the soil and groundwater, and subsequently soil vapors become exposed at the ground surface; or if groundwater that does 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 should be evaluated as part of the remedial program for the Building 10 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 10 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 10 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 10 BCP Site, and reduce the potential for contaminated groundwater to infiltrate the on-site sewer system. Such an evaluation will include the effectiveness of the existing SVE/SSD system.

Therefore, consistent with Section II.A.2 of the BCA, GMCH will prepare and submit an Alternatives Analysis Report (AAR) to document the remedial alternative screening process, and a Remedial Action Work Plan (RAWP) to detail the scope and implementation process for the proposed institutional and engineering controls for the Building 10 BCP Site and other mitigation activities, if warranted.

7. REFERENCES

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Table I
Analytical Sample Summary Table
GMCH Lockport Facility
Building 10 BCP Site
Site #C932140

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 Method SW-846 6010/7000 Series	EPA Method TO-15	Commets
SOIL SAMPLES										
10-SB-3	10-SB3-122910-0950	12/29/2010	4 to 6	Soil	X	X	X	X		
10-SB-3	DUP-122910-0001	12/29/2010	4 to 6	Soil	X	X	X	X		Dup of 7-SB-4-122710-1015
10-SB-5	10-SB5-122910-0950	12/29/2010	4 to 7.5	Soil	X	X	X	X		MS/MSD
10-SB-8	10-SB8-122910-1130	12/29/2010	8 to 10	Soil	X	X	X	X		
10-SB-10	10-SB10-122910-1325	12/29/2010	7 to 9	Soil	X	X	X	X		
10-SB-11	10-SB11-123010-1040	12/30/2010	2 to 4	Soil	X					
10-SB-12	10-SB12-123010-0830	12/30/2010	4 to 6	Soil	X					
10-SB-14	10-SB14-123010-0900	12/30/2010	6 to 8	Soil	X					
10-SB-15	10-SB15-123010-0940	12/30/2010	6 to 8	Soil	X					Equipment Blank
10-SB-16	10-SB16-123010-1125	12/30/2010	2 to 4	Soil	X					
10-SB-17	10-SB17-123010-1100	12/30/2010	4 to 6	Soil	X					
10-SB-18	10-SB18-123010-1420	12/30/2010	0 to 2	Soil				X		
10-SB-19	10-SB19-123010-1400	12/30/2010	0 to 2	Soil				X		
10-SB-20	10-SB20-123010-1410	12/30/2010	0 to 2	Soil				X		
10-SB-21	10-SB21-123010-1430	12/30/2010	0 to 2	Soil				X		
MW-10-2	MW102-123010-1450	12/30/2010	2 to 4	Soil	X					
MW-10-3	MW103-123010-1510	12/30/2010	2 to 3.5	Soil	X					
QA/QC	EB-122910-0002	12/29/2010	NA	Soil	X	X	X	X		
GROUNDWATER SAMPLES										
MW-10-2	MW-10-2-042911-1400	4/29/2011	NA	GW	X					MS/MSD
MW-10-3	MW-10-3-042911-1100	4/29/2011	NA	GW	X					
MW-10-3	DUP-042911-001	4/29/2011	NA	GW	X					Dup of MW-10-3-042911-1100
MW-9-101-A	MW-9-101-A-042911-0900	4/29/2011	NA	GW	X					
Bldg 10	BLDG-10-MW-1-042911-1640	4/29/2011	NA	GW	X					
Rinse Blank	BLDG-10-RINSE-042911-1600	4/29/2011	NA	GW	X					Rinse Blank
QA/QC	Trip Blank	4/29/2011	NA	GW	X					Trip Blank
VAPOR INTRUSION AIR SAMPLES										
10-VI-1IA	10-VI-1IA-011811-0803	01/18/11	NA	Indoor Air					X	
10-VI-2IA	10-VI-2IA-011811-0801	01/18/11	NA	Indoor Air					X	
10-VI-DUP	10-VI-DUP-011811-0830	01/18/11	NA	Indoor Air					X	Dup of 10-VI-2IA-011811-0801
10-VI-2IA	10-VI-2-IA-012011-0735	01/20/11	NA	Indoor Air					X	
10-VI-1IA	10-VI-1-IA-012011-0737	01/20/11	NA	Indoor Air					X	
10VI-OUT	10VI-OUT-011811-0810	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 10
GMCH LOCKPORT FACILITY
LOCKPORT, NEW YORK
BCP SITE #C932140

BUILDING				Building 10	Building 10	Building 10	Building 10	Building 10	Building 10	Building 10	Building 10	Building 10	Building 10
LOCATION	Protection of	Restricted	Restricted	10-SB-3	10-SB-3	10-SB-5	10-SB-8	10-SB-10	10-SB-11	10-SB-12	10-SB-14	10-SB-15	10-SB-16
DATE	Groundwater	Commercial	Industrial	12/29/2010	12/29/2010	12/29/2010	12/29/2010	12/29/2010	12/30/2010	12/30/2010	12/30/2010	12/30/2010	12/30/2010
DEPTH	SCOs	SCOs	SCOs	4 - 6 ft BGS	4 - 6 ft BGS	4 - 7.5 ft BGS	8 - 10 ft BGS	7 - 9 ft BGS	2 - 4 ft BGS	4 - 6 ft BGS	6 - 8 ft BGS	6 - 8 ft BGS	2 - 4 ft BGS
SAMPLE TYPE	(PGWSCOs)	(CSCOs)	(ISCOs)	FD	N	N	N	N	N	N	N	N	N
Metals (mg/kg)													
Aluminum	-	-	-	**4890 J**	**5660 J**	**5810 J**	**5240 J**	**5180 J**	-	-	-	-	-
Antimony	-	-	-	1.1 UJ	1.1 UJ	1.0 UJ	1.2 UJ	1.1 UJ	-	-	-	-	-
Arsenic	16	16	16	**2.4**	**2.8**	**3.9**	**2.4**	**2.2**	-	-	-	-	-
Barium	820	400	10000	**93.0 J**	**111 J**	**67.2 J**	**40.5 J**	**61.5 J**	-	-	-	-	-
Beryllium	47	590	2700	0.45 U	0.43 U	0.42 U	0.46 U	0.43 U	-	-	-	-	-
Cadmium	7.5	9.3	60	**0.13 J**	**0.15 J**	**0.19 J**	**0.14 J**	**0.31 J**	-	-	-	-	-
Calcium	-	-	-	**34700 J**	**39200 J**	**58900 J**	**34700 J**	**31700 J**	-	-	-	-	-
Chromium	-	1500	6800	**8.0 J**	**9.1 J**	**8.5 J**	**7.9 J**	**7.6 J**	-	-	-	-	-
Cobalt	-	-	-	**5.6**	**6.9**	**7.3**	**6**	**6.1**	-	-	-	-	-
Copper	1720	270	10000	**9.9**	**10.4**	**17.3**	**8**	**8.5**	-	-	-	-	-
Iron	-	-	-	**11800 J**	**13300 J**	**13800 J**	**11700 J**	**11800 J**	-	-	-	-	-
Lead	450	1000	3900	**3.1**	**3.8**	**5.7**	**2.8**	**3.3**	-	-	-	-	-
Magnesium	-	-	-	**5570 J**	**6890 J**	**13400 J**	**5280 J**	**5790 J**	-	-	-	-	-
Manganese	2000	10000	10000	**391 J**	**483 J**	**588 J**	**430 J**	**509 J**	-	-	-	-	-
Mercury	0.73	2.8	5.7	0.039 U	0.038 U	0.037 U	0.038 U	0.037 U	-	-	-	-	-
Nickel	130	310	10000	**12**	**14.3**	**14.9**	**12**	**13**	-	-	-	-	-
Potassium	-	-	-	**886**	**1040**	**1170**	**1060**	**1000**	-	-	-	-	-
Selenium	4	1500	6800	0.56 U	0.54 U	0.52 U	0.58 U	0.54 U	-	-	-	-	-
Silver	8.3	1500	6800	0.56 U	0.54 U	0.52 U	0.58 U	0.54 U	-	-	-	-	-
Sodium	-	-	-	**186 J**	**183 J**	**123 J**	**157 J**	**128 J**	-	-	-	-	-
Thallium	-	-	-	1.1 U	1.1 U	1.0 U	1.2 U	1.1 U	-	-	-	-	-
Vanadium	-	-	-	**13.2 J**	**14.8 J**	**14.5 J**	**13.4 J**	**13.2 J**	-	-	-	-	-
Zinc	2480	10000	10000	**22.5**	**25.5**	**42**	**33.9**	**90.7**	-	-	-	-	-
PCBs (mg/kg)													
Aroclor-1016 (PCB-1016)	3.2	1	25	0.019 U	0.019 U	0.018 U	0.019 U	0.019 U	-	-	-	-	-
Aroclor-1221 (PCB-1221)	3.2	1	25	0.019 U	0.019 U	0.018 U	0.019 U	0.019 U	-	-	-	-	-
Aroclor-1232 (PCB-1232)	3.2	1	25	0.019 U	0.019 U	0.018 U	0.019 U	0.019 U	-	-	-	-	-
Aroclor-1242 (PCB-1242)	3.2	1	25	0.019 U	0.019 U	0.018 U	0.019 U	0.019 U	-	-	-	-	-
Aroclor-1248 (PCB-1248)	3.2	1	25	0.019 U	0.019 U	0.018 U	0.019 U	0.019 U	-	-	-	-	-
Aroclor-1254 (PCB-1254)	3.2	1	25	0.019 U	0.019 U	0.018 U	0.019 U	0.019 U	-	-	-	-	-
Aroclor-1260 (PCB-1260)	3.2	1	25	0.019 U	0.019 U	0.018 U	0.019 U	0.019 U	-	-	-	-	-
Semi-Volatile Organic Compounds (mg/kg)													
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	-	-	-	0.077 U	0.078 U	0.074 U	0.078 U	0.075 U	-	-	-	-	-
2,4,5-Trichlorophenol	0.1	-	-	0.38 U	0.38 U	0.36 U	0.38 U	0.37 U	-	-	-	-	-
2,4,6-Trichlorophenol	-	-	-	0.38 U	0.38 U	0.36 U	0.38 U	0.37 U	-	-	-	-	-
2,4-Dichlorophenol	0.4	-	-	0.077 U	0.078 U	0.074 U	0.078 U	0.075 U	-	-	-	-	-
2,4-Dimethylphenol	-	-	-	0.38 U	0.38 U	0.36 U	0.38 U	0.37 U	-	-	-	-	-
2,4-Dinitrophenol	0.2	-	-	2 U	2 U	1.9 U	2 U	1.9 U	-	-	-	-	-
2,4-Dinitrotoluene	-	-	-	0.38 U	0.38 U	0.36 U	0.38 U	0.37 U	-	-	-	-	-
2,6-Dinitrotoluene	0.17	-	-	0.38 U	0.38 U	0.36 U	0.38 U	0.37 U	-	-	-	-	-
2-Chloronaphthalene	-	-	-	0.077 U	0.078 U	0.074 U	0.078 U	0.075 U	-	-	-	-	-
2-Chlorophenol	-	-	-	0.38 U	0.38 U	0.36 U	0.38 U	0.37 U	-	-	-	-	-
2-Methylnaphthalene	36.4	-	-	0.077 U	0.078 U	0.074 U	0.078 U	0.075 U	-	-	-	-	-
2-Methylphenol	0.33	500	1000	0.38 U	0.38 U	0.36 U	0.38 U	0.37 U	-	-	-	-	-
2-Nitroaniline	0.4	-	-	2 U	2 U	1.9 U	2 U	1.9 U	-	-	-	-	-
2-Nitrophenol	0.3	-	-	0.38 U	0.38 U	0.36 U	0.38 U	0.37 U	-	-	-	-	-
3,3'-Dichlorobenzidine	-	-	-	0.38 U	0.38 U	0.36 U	0.38 U	0.37 U	-	-	-	-	-
3-Nitroaniline	0.5	-	-	2 U	2 U	1.9 U	2 U	1.9 U	-	-	-	-	-
4,6-Dinitro-2-methylphenol	-	-	-	2 U	2 U	1.9 U	2 U	1.9 U	-	-	-	-	-
4-Bromophenyl phenyl ether	-	-	-	0.38 U	0.38 U	0.36 U	0.38 U	0.37 U	-	-	-	-	-
4-Chloro-3-methylphenol	-	-	-	0.38 U	0.38 U	0.36 U	0.38 U	0.37 U	-	-	-	-	-
4-Chloroaniline	0.22	-	-	0.38 U	0.38 U	0.36 U	0.38 U	0.37 U	-	-	-	-	-
4-Chlorophenyl phenyl ether	-	-	-	0.38 U	0.38 U	0.36 U	0.38 U	0.37 U	-	-	-	-	-
4-Methylphenol	0.33	500	1000	0.38 U	0.38 U	0.36 U	0.38 U	0.37 U	-	-	-	-	-
4-Nitroaniline	-	-	-	2 U	2 U	1.9 U	2 U	1.9 U	-	-	-	-	-

TABLE II
SOIL ANALYTICAL RESULTS - BUILDING 10
GMCH LOCKPORT FACILITY
LOCKPORT, NEW YORK
BCP SITE #C932140

BUILDING				Building 10	Building 10	Building 10	Building 10	Building 10	Building 10	Building 10	Building 10	Building 10	Building 10
LOCATION	Protection of	Restricted	Restricted	10-SB-3	10-SB-3	10-SB-5	10-SB-8	10-SB-10	10-SB-11	10-SB-12	10-SB-14	10-SB-15	10-SB-16
DATE	Groundwater	Commercial	Industrial	12/29/2010	12/29/2010	12/29/2010	12/29/2010	12/29/2010	12/30/2010	12/30/2010	12/30/2010	12/30/2010	12/30/2010
DEPTH	SCOs	SCOs	SCOs	4 - 6 ft BGS	4 - 6 ft BGS	4 - 7.5 ft BGS	8 - 10 ft BGS	7 - 9 ft BGS	2 - 4 ft BGS	4 - 6 ft BGS	6 - 8 ft BGS	6 - 8 ft BGS	2 - 4 ft BGS
SAMPLE TYPE	(PGWSCOs)	(CSCOs)	(ISCOs)	FD	N	N	N	N	N	N	N	N	N
4-Nitrophenol	0.1	-	-	2 U	2 U	1.9 U	2 U	1.9 U	-	-	-	-	-
Acenaphthene	98	500	1000	0.077 U	0.078 U	0.074 U	0.078 U	0.075 U	-	-	-	-	-
Acenaphthylene	107	500	1000	0.077 U	0.078 U	0.074 U	0.078 U	0.075 U	-	-	-	-	-
Acetophenone	-	500	1000	0.38 U	0.38 U	0.36 U	0.38 U	0.37 U	-	-	-	-	-
Anthracene	1000	500	1000	0.077 U	0.078 U	0.074 U	0.078 U	0.075 U	-	-	-	-	-
Atrazine	-	-	-	0.38 U	0.38 U	0.36 U	0.38 U	0.37 U	-	-	-	-	-
Benzaldehyde	-	-	-	0.38 U	0.38 U	0.36 U	0.38 U	0.37 U	-	-	-	-	-
Benzo(a)anthracene	1	5.6	11	0.077 U	0.078 U	0.074 U	0.078 U	0.075 U	-	-	-	-	-
Benzo(a)pyrene	22	1	1.1	0.077 U	0.078 U	0.074 U	0.078 U	0.075 U	-	-	-	-	-
Benzo(b)fluoranthene	1.7	5.6	11	0.077 U	0.078 U	0.074 U	0.078 U	0.075 U	-	-	-	-	-
Benzo(g,h,i)perylene	1000	500	1000	0.077 U	0.078 U	0.074 U	0.078 U	0.075 U	-	-	-	-	-
Benzo(k)fluoranthene	1.7	56	110	0.077 U	0.078 U	0.074 U	0.078 U	0.075 U	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	-	-	-	0.38 U	0.38 U	0.36 U	0.38 U	0.37 U	-	-	-	-	-
bis(2-Chloroethoxy)methane	-	-	-	0.38 U	0.38 U	0.36 U	0.38 U	0.37 U	-	-	-	-	-
bis(2-Chloroethyl)ether	-	-	-	0.077 U	0.078 U	0.074 U	0.078 U	0.075 U	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	435	-	-	0.77 U	0.78 U	**0.092 J**	0.78 U	0.75 U	-	-	-	-	-
Butyl benzylphthalate (BBP)	122	-	-	0.38 U	0.38 U	0.36 U	0.38 U	0.37 U	-	-	-	-	-
Caprolactam	-	-	-	2 U	2 U	1.9 U	2 U	1.9 U	-	-	-	-	-
Carbazole	-	-	-	0.077 U	0.078 U	0.074 U	0.078 U	0.075 U	-	-	-	-	-
Chrysene	1	56	110	0.077 U	0.078 U	0.074 U	0.078 U	0.075 U	-	-	-	-	-
Dibenz(a,h)anthracene	1000	0.56	1.1	0.077 U	0.078 U	0.074 U	0.078 U	0.075 U	-	-	-	-	-
Dibenzofuran	6.2	500	1000	0.38 U	0.38 U	0.36 U	0.38 U	0.37 U	-	-	-	-	-
Diethyl phthalate	7.1	-	-	0.38 U	0.38 U	0.36 U	0.38 U	0.37 U	-	-	-	-	-
Dimethyl phthalate	27	-	-	0.38 U	0.38 U	0.36 U	0.38 U	0.37 U	-	-	-	-	-
Di-n-butylphthalate (DBP)	8.1	-	-	0.38 U	0.38 U	0.36 U	0.38 U	0.37 U	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	120	-	-	0.38 U	0.38 U	0.36 U	0.38 U	0.37 U	-	-	-	-	-
Fluoranthene	1000	500	1000	0.077 U	0.078 U	0.074 U	0.078 U	0.075 U	-	-	-	-	-
Fluorene	386	500	1000	0.077 U	0.078 U	0.074 U	0.078 U	0.075 U	-	-	-	-	-
Hexachlorobenzene	1.4	6	12	0.077 U	0.078 U	0.074 U	0.078 U	0.075 U	-	-	-	-	-
Hexachlorobutadiene	-	-	-	0.077 U	0.078 U	0.074 U	0.078 U	0.075 U	-	-	-	-	-
Hexachlorocyclopentadiene	-	-	-	0.38 U	0.38 U	0.36 U	0.38 U	0.37 U	-	-	-	-	-
Hexachloroethane	-	-	-	0.38 U	0.38 U	0.36 U	0.38 U	0.37 U	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	8.2	5.6	11	0.077 U	0.078 U	0.074 U	0.078 U	0.075 U	-	-	-	-	-
Isophorone	4.4	-	-	0.38 U	0.38 U	0.36 U	0.38 U	0.37 U	-	-	-	-	-
Naphthalene	12	500	1000	0.077 U	0.078 U	0.074 U	0.078 U	0.075 U	-	-	-	-	-
Nitrobenzene	0.17	69	140	0.77 U	0.78 U	0.74 U	0.78 U	0.75 U	-	-	-	-	-
N-Nitrosodi-n-propylamine	-	-	-	0.077 U	0.078 U	0.074 U	0.078 U	0.075 U	-	-	-	-	-
N-Nitrosodiphenylamine	-	-	-	0.38 U	0.38 U	0.36 U	0.38 U	0.37 U	-	-	-	-	-
Pentachlorophenol	0.8	6.7	55	0.38 U	0.38 U	0.36 U	0.38 U	0.37 U	-	-	-	-	-
Phenanthrene	1000	500	1000	0.077 U	0.078 U	0.074 U	0.078 U	0.075 U	-	-	-	-	-
Phenol	0.33	500	1000	0.077 U	0.078 U	0.074 U	0.078 U	0.075 U	-	-	-	-	-
Pyrene	1000	500	1000	0.077 U	0.078 U	0.074 U	0.078 U	0.075 U	-	-	-	-	-
Total Solids (%)													
Total solids	-	-	-	**85.6**	**86.3**	**90.1**	**86.2**	**88.3**	**75.7**	**82.5**	**88.4**	**84.8**	**84.4**
Volatile Organic Compounds (mg/kg)													
1,1,1-Trichloroethane	0.68	500	1000	0.0058 U	0.0058 U	0.0055 U	0.0058 U	0.0057 U	1.7 U	30 U	57 U	29 U	3 U
1,1,2,2-Tetrachloroethane	0.6	-	-	0.0058 U	0.0058 U	0.0055 U	0.0058 U	0.0057 U	1.7 U	30 U	57 U	29 U	3 U
1,1,2-Trichloroethane	-	-	-	0.0058 U	0.0058 U	0.0055 U	0.0058 U	0.0057 U	1.7 U	30 U	57 U	29 U	3 U
1,1-Dichloroethane	0.27	240	480	0.0058 U	0.0058 U	0.0055 U	0.0058 U	0.0057 U	1.7 U	30 U	57 U	29 U	3 U
1,1-Dichloroethene	0.33	500	1000	0.0058 U	0.0058 U	0.0055 U	0.0058 U	0.0057 U	1.7 U	30 U	57 U	29 U	3 U
1,2,3-Trichlorobenzene	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	3.4	-	-	0.0058 U	0.0058 U	0.0055 U	0.0058 U	0.0057 U	1.7 U	30 U	57 U	29 U	3 U
1,2-Dibromo-3-chloropropane (DBCP)	-	-	-	0.0058 U	0.0058 U	0.0055 U	0.0058 U	0.0057 U	1.7 U	30 U	57 U	29 U	3 U
1,2-Dibromoethane (Ethylene dibromide)	-	-	-	0.0058 U	0.0058 U	0.0055 U	0.0058 U	0.0057 U	1.7 U	30 U	57 U	29 U	3 U
1,2-Dichlorobenzene	1.1	500	1000	0.0058 U	0.0058 U	0.0055 U	0.0058 U	0.0057 U	1.7 U	30 U	57 U	29 U	3 U
1,2-Dichloroethane	0.02	30	60	0.0058 U	0.0058 U	0.0055 U	0.0058 U	0.0057 U	1.7 U	30 U	57 U	29 U	3 U

TABLE II
SOIL ANALYTICAL RESULTS - BUILDING 10
GMCH LOCKPORT FACILITY
LOCKPORT, NEW YORK
BCP SITE #C932140

BUILDING				Building 10	Building 10	Building 10	Building 10	Building 10	Building 10	Building 10	Building 10	Building 10	Building 10
LOCATION	Protection of	Restricted	Restricted	10-SB-3	10-SB-3	10-SB-5	10-SB-8	10-SB-10	10-SB-11	10-SB-12	10-SB-14	10-SB-15	10-SB-16
DATE	Groundwater	Commercial	Industrial	12/29/2010	12/29/2010	12/29/2010	12/29/2010	12/29/2010	12/30/2010	12/30/2010	12/30/2010	12/30/2010	12/30/2010
DEPTH	SCOs	SCOs	SCOs	4 - 6 ft BGS	4 - 6 ft BGS	4 - 7.5 ft BGS	8 - 10 ft BGS	7 - 9 ft BGS	2 - 4 ft BGS	4 - 6 ft BGS	6 - 8 ft BGS	6 - 8 ft BGS	2 - 4 ft BGS
SAMPLE TYPE	(PGWSCOs)	(CSCOs)	(ISCOs)	FD	N	N	N	N	N	N	N	N	N
1,2-Dichloropropane	-	-	-	0.0058 U	0.0058 U	0.0055 U	0.0058 U	0.0057 U	1.7 U	30 U	57 U	29 U	3 U
1,3-Dichlorobenzene	2.4	280	560	0.0058 U	0.0058 U	0.0055 U	0.0058 U	0.0057 U	1.7 U	30 U	57 U	29 U	3 U
1,4-Dichlorobenzene	1.8	130	250	0.0058 U	0.0058 U	0.0055 U	0.0058 U	0.0057 U	1.7 U	30 U	57 U	29 U	3 U
2-Butanone (Methyl ethyl ketone) (MEK)	0.3	500	1000	0.0058 U	0.0058 U	0.0055 U	0.0058 U	0.0057 U	1.7 U	30 U	57 U	29 U	3 U
2-Hexanone	-	-	-	0.0058 U	0.0058 U	0.0055 U	0.0058 U	0.0057 U	1.7 U	30 U	57 U	29 U	3 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	1	-	-	0.0058 U	0.0058 U	0.0055 U	0.0058 U	0.0057 U	1.7 U	30 U	57 U	29 U	3 U
Acetone	0.05	500	1000	0.023 U	0.023 U	0.022 U	0.023 U	0.023 U	6.6 U	120 U	230 U	120 U	12 U
Benzene	0.06	44	89	0.0058 U	0.0058 U	0.0055 U	0.0058 U	0.0057 U	1.7 U	30 U	57 U	29 U	3 U
Bromodichloromethane	-	-	-	0.0058 U	0.0058 U	0.0055 U	0.0058 U	0.0057 U	1.7 U	30 U	57 U	29 U	3 U
Bromoform	-	-	-	0.0058 U	0.0058 U	0.0055 U	0.0058 U	0.0057 U	1.7 U	30 U	57 U	29 U	3 U
Bromomethane (Methyl bromide)	-	-	-	0.0058 U	0.0058 U	0.0055 U	0.0058 U	0.0057 U	1.7 UJ	30 UJ	57 UJ	29 UJ	3 UJ
Carbon disulfide	2.7	-	-	0.0058 UJ	0.0058 U	0.0055 U	0.0058 UJ	0.0057 UJ	1.7 U	30 U	57 U	29 U	3 U
Carbon tetrachloride	0.76	22	44	0.0058 U	0.0058 U	0.0055 U	0.0058 U	0.0057 U	1.7 U	30 U	57 U	29 U	3 U
Chlorobenzene	1.1	500	1000	0.0058 U	0.0058 U	0.0055 U	0.0058 U	0.0057 U	1.7 U	30 U	57 U	29 U	3 U
Chlorobromomethane	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloroethane	1.9	350	700	0.0058 U	0.0058 U	0.0055 U	0.0058 U	0.0057 U	1.7 UJ	30 UJ	57 UJ	29 UJ	3 UJ
Chloroform (Trichloromethane)	0.37	-	-	0.0058 U	0.0058 U	0.0055 U	0.0058 U	0.0057 U	1.7 U	30 U	57 U	29 U	3 U
Chloromethane (Methyl chloride)	-	-	-	0.0058 U	0.0058 U	0.0055 U	0.0058 U	0.0057 U	1.7 U	30 U	57 U	29 U	3 U
cis-1,2-Dichloroethene	0.25	500	1000	0.0058 U	0.0058 U	0.0055 U	0.0058 U	**0.00089 J**	1.7 U	30 U	57 U	29 U	3 U
cis-1,3-Dichloropropene	-	-	-	0.0058 U	0.0058 U	0.0055 U	0.0058 U	0.0057 U	1.7 U	30 U	57 U	29 U	3 U
Cyclohexane	-	-	-	0.0058 U	0.0058 U	0.0055 U	0.0058 U	0.0057 U	1.7 U	30 U	57 U	29 U	3 U
Dibromochloromethane	-	-	-	0.0058 U	0.0058 U	0.0055 U	0.0058 U	0.0057 U	1.7 U	30 U	57 U	29 U	3 U
Dichlorodifluoromethane (CFC-12)	-	-	-	0.0058 U	0.0058 U	0.0055 U	0.0058 U	0.0057 U	1.7 U	30 U	57 U	29 U	3 U
Ethylbenzene	1	390	780	0.0058 U	0.0058 U	0.0055 U	0.0058 U	0.0057 U	1.7 U	30 U	57 U	29 U	3 U
Isopropyl benzene	2.3	-	-	0.0058 U	0.0058 U	0.0055 U	0.0058 U	0.0057 U	1.7 U	30 U	57 U	29 U	3 U
m&p-Xylenes	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl acetate	-	-	-	0.0058 U	0.0058 U	0.0055 U	0.0058 U	0.0057 U	1.7 U	30 U	57 U	29 U	3 U
Methyl cyclohexane	-	-	-	0.0058 U	0.0058 U	0.0055 U	0.0058 U	0.0057 U	1.7 U	30 U	57 U	29 U	3 U
Methyl tert butyl ether (MTBE)	0.93	500	1000	0.0058 U	0.0058 U	0.0055 U	0.0058 U	0.0057 U	1.7 U	30 U	57 U	29 U	3 U
Methylene chloride	0.05	500	1000	0.0058 U	**0.0013 J**	0.0055 U	0.0058 U	0.0057 U	1.7 U	30 U	57 U	29 U	3 U
o-Xylene	-	-	-	-	-	-	-	-	-	-	-	-	-
Styrene	-	-	-	0.0058 U	0.0058 U	0.0055 U	0.0058 U	0.0057 U	1.7 U	30 U	57 U	29 U	3 U
Tetrachloroethene	1.3	150	300	0.0058 U	0.0058 U	**0.00085 J**	**0.018**	**0.014**	**21** [A]	**460** [ABC]	**870** [ABC]	**350** [ABC]	**70** [A]
Toluene	0.7	500	1000	0.0058 U	0.0058 U	0.0055 U	0.0058 U	0.0057 U	1.7 U	30 U	57 U	29 U	3 U
trans-1,2-Dichloroethene	0.19	500	1000	0.0058 U	0.0058 U	0.0055 U	0.0058 U	0.0057 U	1.7 U	30 U	57 U	29 U	3 U
trans-1,3-Dichloropropene	-	-	-	0.0058 U	0.0058 U	0.0055 U	0.0058 U	0.0057 U	1.7 U	30 U	57 U	29 U	3 U
Trichloroethene	0.47	200	400	0.0058 U	0.0058 U	0.0055 U	**0.00091 J**	0.0057 U	1.7 U	30 U	57 U	29 U	3 U
Trichlorofluoromethane (CFC-11)	-	-	-	0.0058 UJ	0.0058 U	0.0055 U	0.0058 UJ	0.0057 UJ	1.7 U	30 U	57 U	29 U	3 U
Trifluorotrichloroethane (Freon 113)	6	-	-	0.0058 U	0.0058 U	0.0055 U	0.0058 U	0.0057 U	1.7 U	30 U	57 U	29 U	3 U
Vinyl chloride	0.02	13	27	0.0058 U	0.0058 U	0.0055 U	0.0058 U	0.0057 U	1.7 U	30 U	57 U	29 U	3 U
Xylenes (total)	1.6	500	1000	0.018 U	0.017 U	0.017 U	0.017 U	0.017 U	5 U	91 U	170 U	88 U	8.9 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 10
GMCH LOCKPORT FACILITY
LOCKPORT, NEW YORK
BCP SITE #C932140

BUILDING LOCATION DATE DEPTH SAMPLE TYPE	Protection of Groundwater SCOs (PGWSCOs)	Restricted Commercial SCOs (CSCOs)	Restricted Industrial SCOs (ISCOs)	Building 10 10-SB-17 12/30/2010 4 - 6 ft BGS N	Building 10 10-SB-18 12/30/2010 0 - 2 ft BGS N	Building 10 10-SB-19 12/30/2010 0 - 2 ft BGS N	Building 10 10-SB-20 12/30/2010 0 - 2 ft BGS N	Building 10 10-SB-21 12/30/2010 0 - 2 ft BGS N	Building 10 MW-10-2 12/30/2010 2 - 4 ft BGS N	Building 10 MW-10-3 12/30/2010 2 - 3.5 ft BGS N
Metals (mg/kg)										
Aluminum	-	-	-	-	**9310 J**	**8310 J**	**9420 J**	**10400 J**	-	-
Antimony	-	-	-	-	1.2 UJ	1.1 UJ	1.1 UJ	1.2 UJ	-	-
Arsenic	16	16	16	-	**3.5**	**4.5**	**3.8**	**4.3**	-	-
Barium	820	400	10000	-	**62.8 J**	**74.4 J**	**58.5 J**	**117 J**	-	-
Beryllium	47	590	2700	-	0.48 U	0.44 U	0.45 U	0.48 U	-	-
Cadmium	7.5	9.3	60	-	**0.81**	**0.38 J**	**0.36 J**	**0.21 J**	-	-
Calcium	-	-	-	-	**94500 J**	**43500 J**	**44500 J**	**49100 J**	-	-
Chromium	-	1500	6800	-	**39.4 J** [A]	**15.6 J**	**17.7 J**	**16.4 J**	-	-
Cobalt	-	-	-	-	**7.8**	**7.9**	**10.9**	**11.1**	-	-
Copper	1720	270	10000	-	**21.2**	**18.7**	**19.2**	**50.1**	-	-
Iron	-	-	-	-	**15600 J**	**17200 J**	**17400 J**	**19000 J**	-	-
Lead	450	1000	3900	-	**52.7**	**12**	**10.7**	**8.4**	-	-
Magnesium	-	-	-	-	**36000 J**	**9000 J**	**8370 J**	**10200 J**	-	-
Manganese	2000	10000	10000	-	**607 J**	**440 J**	**661 J**	**529 J**	-	-
Mercury	0.73	2.8	5.7	-	**0.036 J**	0.039 U	**0.015 J**	0.040 U	-	-
Nickel	130	310	10000	-	**30.3**	**18.9**	**21.6**	**22.6**	-	-
Potassium	-	-	-	-	**1430**	**1320**	**1380**	**1660**	-	-
Selenium	4	1500	6800	-	0.60 U	0.55 U	0.56 U	0.60 U	-	-
Silver	8.3	1500	6800	-	0.60 U	0.55 U	0.56 U	0.60 U	-	-
Sodium	-	-	-	-	**445 J**	**371 J**	**1120**	**303 J**	-	-
Thallium	-	-	-	-	1.2 U	1.1 U	1.1 U	1.2 U	-	-
Vanadium	-	-	-	-	**28.9 J**	**21.7 J**	**21.6 J**	**24.6 J**	-	-
Zinc	2480	10000	10000	-	**200**	**59**	**59.1**	**40.1**	-	-
PCBs (mg/kg)										
Aroclor-1016 (PCB-1016)	3.2	1	25	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	3.2	1	25	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	3.2	1	25	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	3.2	1	25	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	3.2	1	25	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	3.2	1	25	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	3.2	1	25	-	-	-	-	-	-	-
Semi-Volatile Organic Compounds (mg/kg)										
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	-	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	0.1	-	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	-	-	-	-	-	-	-	-	-	-
2,4-Dichlorophenol	0.4	-	-	-	-	-	-	-	-	-
2,4-Dimethylphenol	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrophenol	0.2	-	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene	-	-	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene	0.17	-	-	-	-	-	-	-	-	-
2-Chloronaphthalene	-	-	-	-	-	-	-	-	-	-
2-Chlorophenol	-	-	-	-	-	-	-	-	-	-
2-Methylnaphthalene	36.4	-	-	-	-	-	-	-	-	-
2-Methylphenol	0.33	500	1000	-	-	-	-	-	-	-
2-Nitroaniline	0.4	-	-	-	-	-	-	-	-	-
2-Nitrophenol	0.3	-	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	-	-	-	-	-	-	-	-	-	-
3-Nitroaniline	0.5	-	-	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	-	-	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	-	-	-	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	-	-	-	-	-	-	-	-	-	-
4-Chloroaniline	0.22	-	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	-	-	-	-	-	-	-	-	-	-
4-Methylphenol	0.33	500	1000	-	-	-	-	-	-	-
4-Nitroaniline	-	-	-	-	-	-	-	-	-	-

TABLE II
SOIL ANALYTICAL RESULTS - BUILDING 10
GMCH LOCKPORT FACILITY
LOCKPORT, NEW YORK
BCP SITE #C932140

BUILDING LOCATION DATE DEPTH SAMPLE TYPE	Protection of Groundwater SCOs (PGWSCOs)	Restricted Commercial SCOs (CSCOs)	Restricted Industrial SCOs (ISCOs)	Building 10 10-SB-17 12/30/2010 4 - 6 ft BGS N	Building 10 10-SB-18 12/30/2010 0 - 2 ft BGS N	Building 10 10-SB-19 12/30/2010 0 - 2 ft BGS N	Building 10 10-SB-20 12/30/2010 0 - 2 ft BGS N	Building 10 10-SB-21 12/30/2010 0 - 2 ft BGS N	Building 10 MW-10-2 12/30/2010 2 - 4 ft BGS N	Building 10 MW-10-3 12/30/2010 2 - 3.5 ft BGS N
4-Nitrophenol	0.1	-	-	-	-	-	-	-	-	-
Acenaphthene	98	500	1000	-	-	-	-	-	-	-
Acenaphthylene	107	500	1000	-	-	-	-	-	-	-
Acetophenone	-	500	1000	-	-	-	-	-	-	-
Anthracene	1000	500	1000	-	-	-	-	-	-	-
Atrazine	-	-	-	-	-	-	-	-	-	-
Benzaldehyde	-	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	1	5.6	11	-	-	-	-	-	-	-
Benzo(a)pyrene	22	1	1.1	-	-	-	-	-	-	-
Benzo(b)fluoranthene	1.7	5.6	11	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	1000	500	1000	-	-	-	-	-	-	-
Benzo(k)fluoranthene	1.7	56	110	-	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	-	-	-	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	435	-	-	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	122	-	-	-	-	-	-	-	-	-
Caprolactam	-	-	-	-	-	-	-	-	-	-
Carbazole	-	-	-	-	-	-	-	-	-	-
Chrysene	1	56	110	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	1000	0.56	1.1	-	-	-	-	-	-	-
Dibenzofuran	6.2	500	1000	-	-	-	-	-	-	-
Diethyl phthalate	7.1	-	-	-	-	-	-	-	-	-
Dimethyl phthalate	27	-	-	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	8.1	-	-	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	120	-	-	-	-	-	-	-	-	-
Fluoranthene	1000	500	1000	-	-	-	-	-	-	-
Fluorene	386	500	1000	-	-	-	-	-	-	-
Hexachlorobenzene	1.4	6	12	-	-	-	-	-	-	-
Hexachlorobutadiene	-	-	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	-	-	-	-	-	-	-	-	-	-
Hexachloroethane	-	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	8.2	5.6	11	-	-	-	-	-	-	-
Isophorone	4.4	-	-	-	-	-	-	-	-	-
Naphthalene	12	500	1000	-	-	-	-	-	-	-
Nitrobenzene	0.17	69	140	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	-	-	-	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	-	-	-	-	-	-	-	-	-	-
Pentachlorophenol	0.8	6.7	55	-	-	-	-	-	-	-
Phenanthrene	1000	500	1000	-	-	-	-	-	-	-
Phenol	0.33	500	1000	-	-	-	-	-	-	-
Pyrene	1000	500	1000	-	-	-	-	-	-	-
Total Solids (%)										
Total solids	-	-	-	**84.2**	**83.5**	**85.7**	**84.9**	**82.7**	**86.5**	**88.5**
Volatile Organic Compounds (mg/kg)										
1,1,1-Trichloroethane	0.68	500	1000	0.3 U	-	-	-	-	0.0058 U	0.0056 U
1,1,2,2-Tetrachloroethane	0.6	-	-	0.3 U	-	-	-	-	0.0058 U	0.0056 U
1,1,2-Trichloroethane	-	-	-	0.3 U	-	-	-	-	0.0058 U	0.0056 U
1,1-Dichloroethane	0.27	240	480	0.3 U	-	-	-	-	0.0058 U	0.0056 U
1,1-Dichloroethene	0.33	500	1000	0.3 U	-	-	-	-	0.0058 U	0.0056 U
1,2,3-Trichlorobenzene	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	3.4	-	-	0.3 U	-	-	-	-	0.0058 U	0.0056 U
1,2-Dibromo-3-chloropropane (DBCP)	-	-	-	0.3 U	-	-	-	-	0.0058 U	0.0056 U
1,2-Dibromoethane (Ethylene dibromide)	-	-	-	0.3 U	-	-	-	-	0.0058 U	0.0056 U
1,2-Dichlorobenzene	1.1	500	1000	0.3 U	-	-	-	-	0.0058 U	0.0056 U
1,2-Dichloroethane	0.02	30	60	0.3 U	-	-	-	-	0.0058 U	0.0056 U

TABLE II
SOIL ANALYTICAL RESULTS - BUILDING 10
GMCH LOCKPORT FACILITY
LOCKPORT, NEW YORK
BCP SITE #C932140

BUILDING				Building 10	Building 10	Building 10	Building 10	Building 10	Building 10	Building 10
LOCATION	Protection of	Restricted	Restricted	10-SB-17	10-SB-18	10-SB-19	10-SB-20	10-SB-21	MW-10-2	MW-10-3
DATE	Groundwater	Commercial	Industrial	12/30/2010	12/30/2010	12/30/2010	12/30/2010	12/30/2010	12/30/2010	12/30/2010
DEPTH	SCOs	SCOs	SCOs	4 - 6 ft BGS	0 - 2 ft BGS	0 - 2 ft BGS	0 - 2 ft BGS	0 - 2 ft BGS	2 - 4 ft BGS	2 - 3.5 ft BGS
SAMPLE TYPE	(PGWSCOs)	(CSCOs)	(ISCOs)	N	N	N	N	N	N	N
1,2-Dichloropropane	-	-	-	0.3 U	-	-	-	-	0.0058 U	0.0056 U
1,3-Dichlorobenzene	2.4	280	560	0.3 U	-	-	-	-	0.0058 U	0.0056 U
1,4-Dichlorobenzene	1.8	130	250	0.3 U	-	-	-	-	0.0058 U	0.0056 U
2-Butanone (Methyl ethyl ketone) (MEK)	0.3	500	1000	0.3 U	-	-	-	-	0.0058 U	0.0056 U
2-Hexanone	-	-	-	0.3 U	-	-	-	-	0.0058 U	0.0056 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	1	-	-	0.3 U	-	-	-	-	0.0058 U	0.0056 U
Acetone	0.05	500	1000	1.2 U	-	-	-	-	0.023 U	0.023 U
Benzene	0.06	44	89	0.3 U	-	-	-	-	0.0058 U	0.0056 U
Bromodichloromethane	-	-	-	0.3 U	-	-	-	-	0.0058 U	0.0056 U
Bromoform	-	-	-	0.3 U	-	-	-	-	0.0058 U	0.0056 U
Bromomethane (Methyl bromide)	-	-	-	0.3 UJ	-	-	-	-	0.0058 U	0.0056 U
Carbon disulfide	2.7	-	-	0.3 U	-	-	-	-	0.0058 U	0.0056 U
Carbon tetrachloride	0.76	22	44	0.3 U	-	-	-	-	0.0058 U	0.0056 U
Chlorobenzene	1.1	500	1000	0.3 U	-	-	-	-	0.0058 U	0.0056 U
Chlorobromomethane	-	-	-	-	-	-	-	-	-	-
Chloroethane	1.9	350	700	0.3 UJ	-	-	-	-	0.0058 U	0.0056 U
Chloroform (Trichloromethane)	0.37	-	-	0.3 U	-	-	-	-	0.0058 U	0.0056 U
Chloromethane (Methyl chloride)	-	-	-	0.3 U	-	-	-	-	0.0058 U	0.0056 U
cis-1,2-Dichloroethene	0.25	500	1000	0.3 U	-	-	-	-	**0.0038 J**	0.0056 U
cis-1,3-Dichloropropene	-	-	-	0.3 U	-	-	-	-	0.0058 U	0.0056 U
Cyclohexane	-	-	-	0.3 U	-	-	-	-	0.0058 U	0.0056 U
Dibromochloromethane	-	-	-	0.3 U	-	-	-	-	0.0058 U	0.0056 U
Dichlorodifluoromethane (CFC-12)	-	-	-	0.3 U	-	-	-	-	0.0058 U	0.0056 U
Ethylbenzene	1	390	780	0.3 U	-	-	-	-	0.0058 U	0.0056 U
Isopropyl benzene	2.3	-	-	0.3 U	-	-	-	-	0.0058 U	0.0056 U
m&p-Xylenes	-	-	-	-	-	-	-	-	-	-
Methyl acetate	-	-	-	0.3 U	-	-	-	-	0.0058 U	0.0056 U
Methyl cyclohexane	-	-	-	0.3 U	-	-	-	-	0.0058 U	0.0056 U
Methyl tert butyl ether (MTBE)	0.93	500	1000	0.3 U	-	-	-	-	0.0058 U	0.0056 U
Methylene chloride	0.05	500	1000	0.3 U	-	-	-	-	**0.0023 J**	**0.0012 J**
o-Xylene	-	-	-	-	-	-	-	-	-	-
Styrene	-	-	-	0.3 U	-	-	-	-	0.0058 U	0.0056 U
Tetrachloroethene	1.3	150	300	**5** [A]	-	-	-	-	**0.049**	**0.0034 J**
Toluene	0.7	500	1000	0.3 U	-	-	-	-	0.0058 U	0.0056 U
trans-1,2-Dichloroethene	0.19	500	1000	0.3 U	-	-	-	-	0.0058 U	0.0056 U
trans-1,3-Dichloropropene	-	-	-	0.3 U	-	-	-	-	0.0058 U	0.0056 U
Trichloroethene	0.47	200	400	0.3 U	-	-	-	-	**0.0084**	0.0056 U
Trichlorofluoromethane (CFC-11)	-	-	-	0.3 U	-	-	-	-	0.0058 U	0.0056 U
Trifluorotrichloroethane (Freon 113)	6	-	-	0.3 U	-	-	-	-	0.0058 U	0.0056 U
Vinyl chloride	0.02	13	27	0.3 U	-	-	-	-	0.0058 U	0.0056 U
Xylenes (total)	1.6	500	1000	0.89 U	-	-	-	-	0.017 U	0.017 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 10
GMCH LOCKPORT FACILITY
LOCKPORT, NEW YORK
BCP SITE #C932140

BUILDING	Class GA	Building 10	Building 10	Building 10	Building 10	Building 9
LOCATION	TOGS 1.1.1	MW-10-1	MW-10-2	MW-10-3	MW-10-3	MW-9-101-A
DATE		4/29/2011	4/29/2011	4/29/2011	4/29/2011	4/29/2011
SAMPLE TYPE	ug/L	N	N	FD	N	N
Volatile Organic Compounds (ug/L)						
cis-1,2-Dichloroethene	5	2000 U	**1100** [A]	**11** [A]	**11** [A]	4.0 U
Tetrachloroethene	5	**120000** [A]	**1100** [A]	**13** [A]	**13** [A]	4.0 U
trans-1,2-Dichloroethene	5	**16** [A]	**10** [A]	1.0 U	1.0 U	4.0 U
Trichloroethene	5	**2800** [A]	**1200** [A]	**6** [A]	**5.8** [A]	4.0 U
Vinyl chloride	2	**100** [A]	**66** [A]	1.0 U	1.0 U	4.0 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 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
INDOOR AIR ANALYTICAL RESULTS - BUILDING 10
GMCH LOCKPORT FACILITY
LOCKPORT, NEW YORK
BCP SITE #C932140

BUILDING	Building 10	Building 10	Building 10	Building 10	Building 10
LOCATION	10-VI-1IA	10-VI-1IA	10-VI-2IA	10-VI-2IA	10-VI-OUT
DATE	1/18/2011	1/20/2011	1/18/2011	1/20/2011	1/18/2011
SAMPLE TYPE	N	N	N	N	N
Volatile Organic Compounds (ug/m3)					
1,1,1-Trichloroethane	38 U	8.2 U	20 U	20 U	0.44 U
1,1,2,2-Tetrachloroethane	48 U	10 U	25 U	25 U	0.55 U
1,1,2-Trichloroethane	38 U	8.2 U	20 U	20 U	0.44 U
1,1-Dichloroethane	28 U	6.1 U	15 U	15 U	0.32 U
1,1-Dichloroethene	28 U	5.9 U	14 U	14 U	0.32 U
1,2,4-Trichlorobenzene	52 U	11 U	27 U	27 U	0.59 U
1,2,4-Trimethylbenzene	34 U	7.4 U	18 U	18 U	**2.3**
1,2-Dibromoethane (Ethylene dibromide)	54 U	12 U	28 U	28 U	0.61 U
1,2-Dichlorobenzene	42 U	9.0 U	22 U	22 U	0.48 U
1,2-Dichloroethane	28 U	6.1 U	15 U	15 U	0.32 U
1,2-Dichloropropane	32 U	6.9 U	17 U	17 U	0.37 U
1,2-Dichlorotetrafluoroethane (CFC 114)	49 U	10 U	25 U	25 U	0.56 U
1,3,5-Trimethylbenzene	34 U	7.4 U	18 U	18 U	**0.99**
1,3-Dichlorobenzene	42 U	9.0 U	22 U	22 U	0.48 U
1,4-Dichlorobenzene	42 U	9.0 U	22 U	22 U	**7.5**
1,4-Dioxane	61 U	14 U	33 U	33 U	0.72 U
2,2,4-Trimethylpentane	79 U	18 U	43 U	43 U	**1.1**
2-Butanone (Methyl ethyl ketone) (MEK)	83 UJ	18 UJ	44 UJ	44 UJ	**12 J**
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	70 U	**26**	37 U	37 U	**4.2**
Benzene	22 U	4.8 U	12 U	12 U	**0.95**
Benzyl chloride	72 U	16 U	38 U	38 U	0.83 U
Bromodichloromethane	47 U	10 U	24 U	24 U	0.54 U
Bromoform	72 UJ	16 UJ	37 UJ	37 UJ	0.83 UJ
Bromomethane (Methyl bromide)	27 U	5.8 U	14 U	14 U	0.31 U
Carbon tetrachloride	22 U	4.8 U	11 U	11 U	**0.7**
Chlorobenzene	32 U	6.9 U	17 U	17 U	0.37 U
Chloroethane	18 U	4.0 U	9.5 U	9.5 U	0.21 U
Chloroform (Trichloromethane)	34 U	7.3 U	18 U	18 U	0.39 U
Chloromethane (Methyl chloride)	35 U	7.8 U	19 U	19 U	**1.1**
cis-1,2-Dichloroethene	28 U	5.9 U	14 U	14 U	0.32 U
cis-1,3-Dichloropropene	32 U	6.8 U	16 U	16 U	0.36 U
Cyclohexane	59 U	13 U	31 U	31 U	0.69 U
Dibromochloromethane	60 U	13 U	31 U	31 U	0.68 U
Dichlorodifluoromethane (CFC-12)	35 U	7.4 U	18 U	18 U	**3**
Ethanol	**2400**	**620**	**3400**	**810**	**88**
Ethylbenzene	30 U	6.5 U	**33**	16 U	**7.3**
Hexachlorobutadiene	75 U	16 U	38 U	38 U	0.85 U
Hexane	**1000**	**850**	**2300**	**1200**	**2.5**
m&p-Xylenes	**38**	6.5 U	**76**	16 U	**25**
Methyl tert butyl ether (MTBE)	50 U	11 U	26 U	26 U	0.58 U
Methylene chloride	59 U	13 U	32 U	32 U	**0.81**
o-Xylene	30 U	6.5 U	**21**	16 U	**6**
Styrene	30 U	6.4 U	15 U	15 U	**1.7**
tert-Butyl alcohol	85 U	**98**	45 U	**76**	**17**
Tetrachloroethene	47 U	10 U	24 U	24 U	**3.5**
Toluene	**60**	**210**	**380**	**300**	**9.5**
trans-1,2-Dichloroethene	28 U	5.9 U	14 U	14 U	0.32 U
trans-1,3-Dichloropropene	32 U	6.8 U	16 U	16 U	0.36 U
Trichloroethene	19 U	**4.6**	9.7 U	9.7 U	**3.6**
Trichlorofluoromethane (CFC-11)	39 U	8.4 U	20 U	20 U	**1.6**
Trifluorotrichloroethane (Freon 113)	54 U	11 U	28 U	28 U	0.61 U
Vinyl chloride	18 U	3.8 U	9.2 U	9.2 U	**0.33**

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

Table VI
Summary of Groundwater Elevation Measurements
GMCH Lockport Facility
Building 10 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

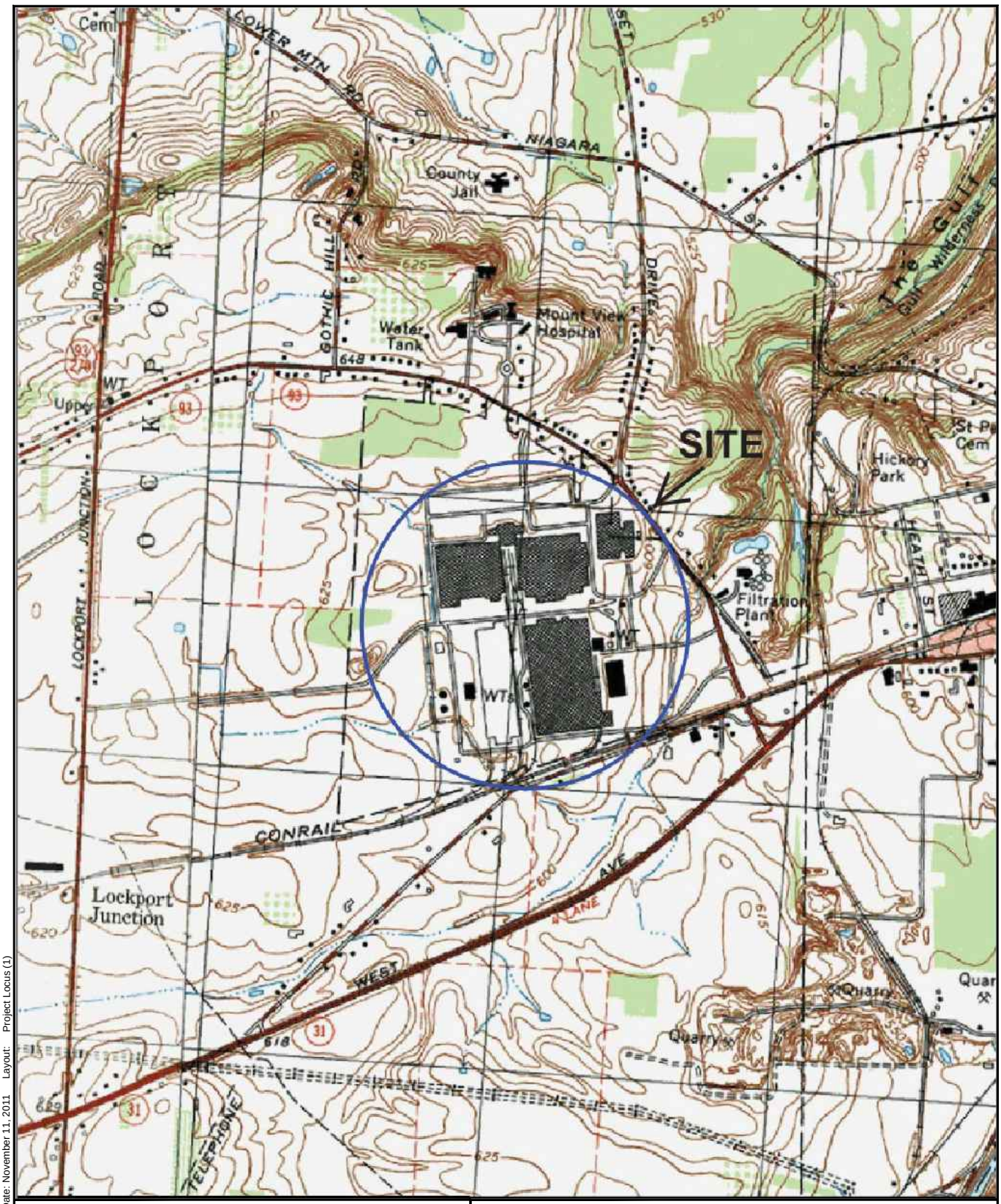
Notes:
1. Elevations shown were calculated based on measurements made by GZA on May 2, 2011.
2. Monitoring points have been established at the top of the PVC casing for each well.
3. NM - Not measured.
4. NI - Not installed at the time of the measurement.
5. * = monitoring point is top of steel casing.

TABLE VII: FATE & TRANSPORT AND POTENTIAL EXPOSURE PATHWAYS FOR SITE CONTAMINANTS OF CONCERN
GMCH LOCKPORT BUILDING 10 BCP SITE REMEDIAL INVESTIGATION PROGRAM
GENERAL MOTORS COMPONANTS HOLDINGS
LOCKPORT, NEW YORK

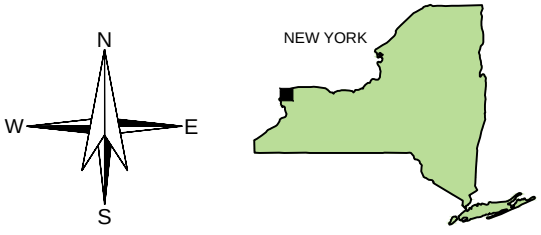
Media	**Constituents of Concern (COCs)**	**Fate & Transport**	**Potentially Affected Populations**	**Exposure Pathways** *Ingestion*	*Absorption*	*Inhalation*	**Potential Exposure Setting & Mechanism**
Soil	▪ Chlorinated Solvents (TCE, cis-1,2-DCE)	▪ Chlorinated solvents were encountered in soil in excess of Protection of Groundwater SCOs between approximately 8 and 12 feet below ground surface. ▪ The Site is largely covered with building foundations and pavement, with access controlled which precludes direct exposure to impacted 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. 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	

Media	Constituents of Concern (COCs)	Fate & Transport	Potentially Affected Populations	Exposure Pathways *Ingestion*	*Absorption*	*Inhalation*	Potential Exposure Setting & Mechanism
Groundwater	▪ Chlorinated Solvents (PCE, TCE, cis-1,2-DCE, trans-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 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	Potentially Complete	Potentially Complete	Not Applicable	

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, cis-1,2-DCE, trans-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 soil vapor 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 10. 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

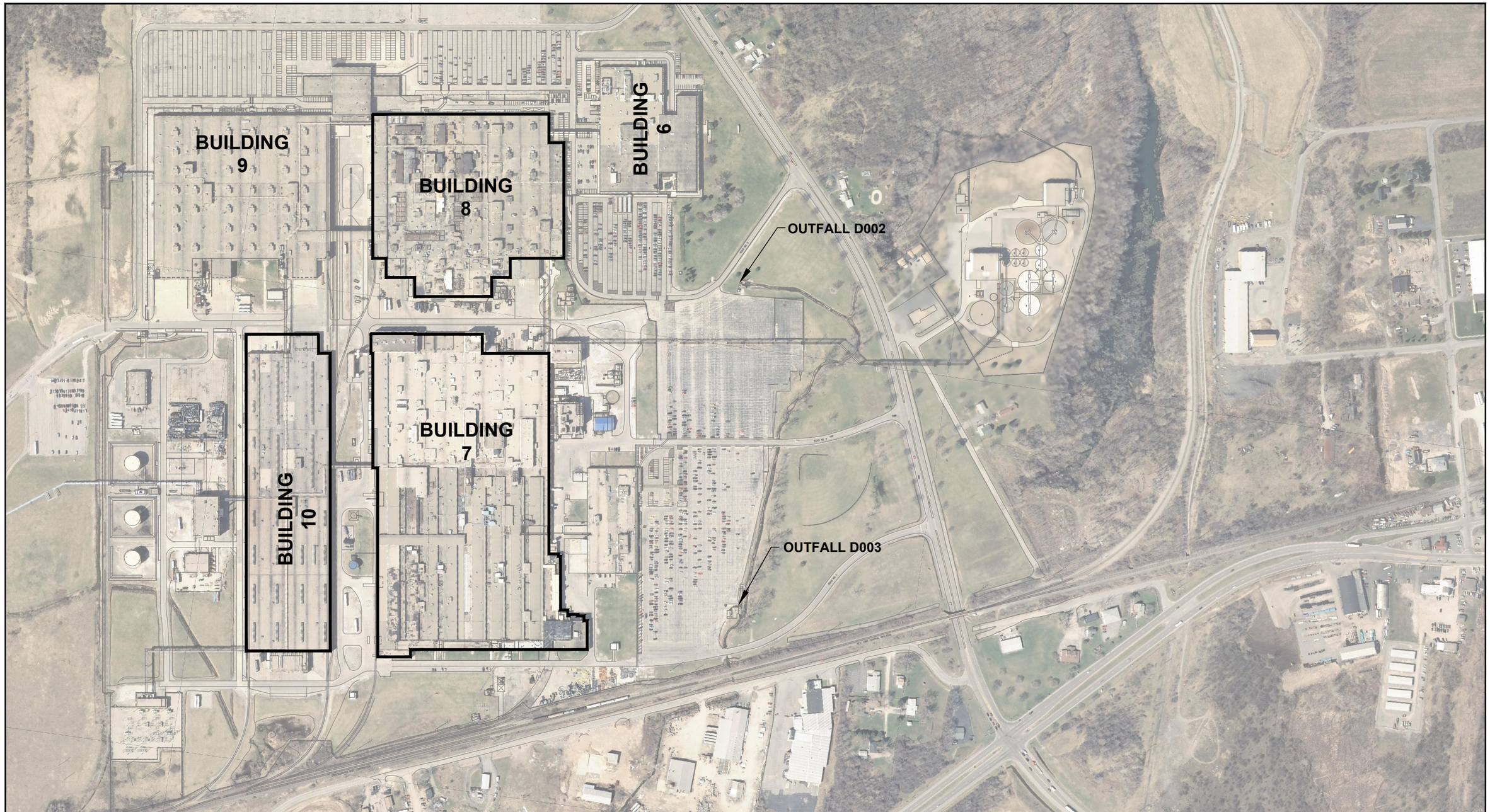
GM COMPONENTS HOLDINGS, LLC
LOCKPORT FACILITY
200 UPPER MOUNTAIN ROAD
LOCKPORT, NEW YORK

PROJECT LOCUS

SCALE: 1:24000
NOVEMBER 2011

FIGURE 1

Drawing Name: G:\36795_GM Lockport\CAD\36795-BLDG10-01.dwg Plot Date: November 11, 2011 Layout: Project Locus (1)
Operator Name: LUCIDO, SAM



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-BLDG10-02.DWG

BUILDING 10

BUILDING 7

TK-1
TK-2
TK-3
TK-4
TK-5
TK-6

10-VI-1
10-VI-2
BLDG 10 MW-1
10-SB-1
10-SB-2
10-SB-3
10-SB-4
10-SB-5
10-SB-6
10-SB-7
10-SB-8
10-SB-9
10-SB-10
10-SB-11
10-SB-12
10-SB-14
10-SB-15
10-SB-16
10-SB-17
10-SB-18
10-SB-19
10-SB-20
10-SB-21

SP-2
SP-3
SP-4
SP-5
SP-6
SP-8
SP-9
SP-10
SP-11
SP-12
SP-13
SP-15
SP-16
SP-17
SP-18
SP-19
SP-20
SP-21

MW-10-3
MW-10-2
MW-7-7
MW-7-8
MW-7-A-6

7-A-1
7-A-4
7-A-5

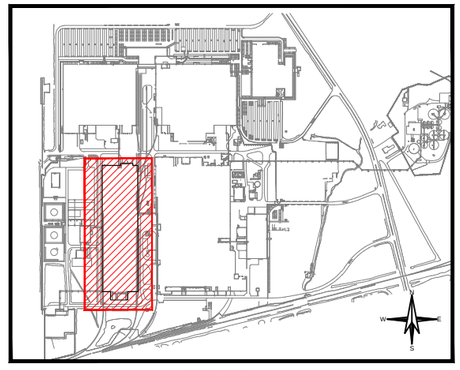
7-FF-2
7-L-1
7-G-3-A
7-G-3-B
7-G-3-C
7-G-4-A
7-G-4-B
7-G-4-C
7-G-4-D
7-G-4-E
7-G-8-A
7-G-8-B
7-G-8-C
7-G-10-A
7-G-10-B
7-G-10-C
7-G-11-A
7-G-11-B
7-G-11-C
7-G-1-A
7-G-1-B
7-G-1-C
7-G-1-D
7-G-2-B
7-G-2-C
7-G-A-2
7-G-A-7
7-G-A-8
7-G-A-9
7-VI-6
7-VI-7
7-VI-8
7-VI-9
7-VI-10

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
- APPROXIMATE LOCATION OF SOIL PROBES (GZA, OCTOBER 2010)

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

N
W E
S

0 60 120 180 240
SCALE IN FEET

HALEY & ALDRICH

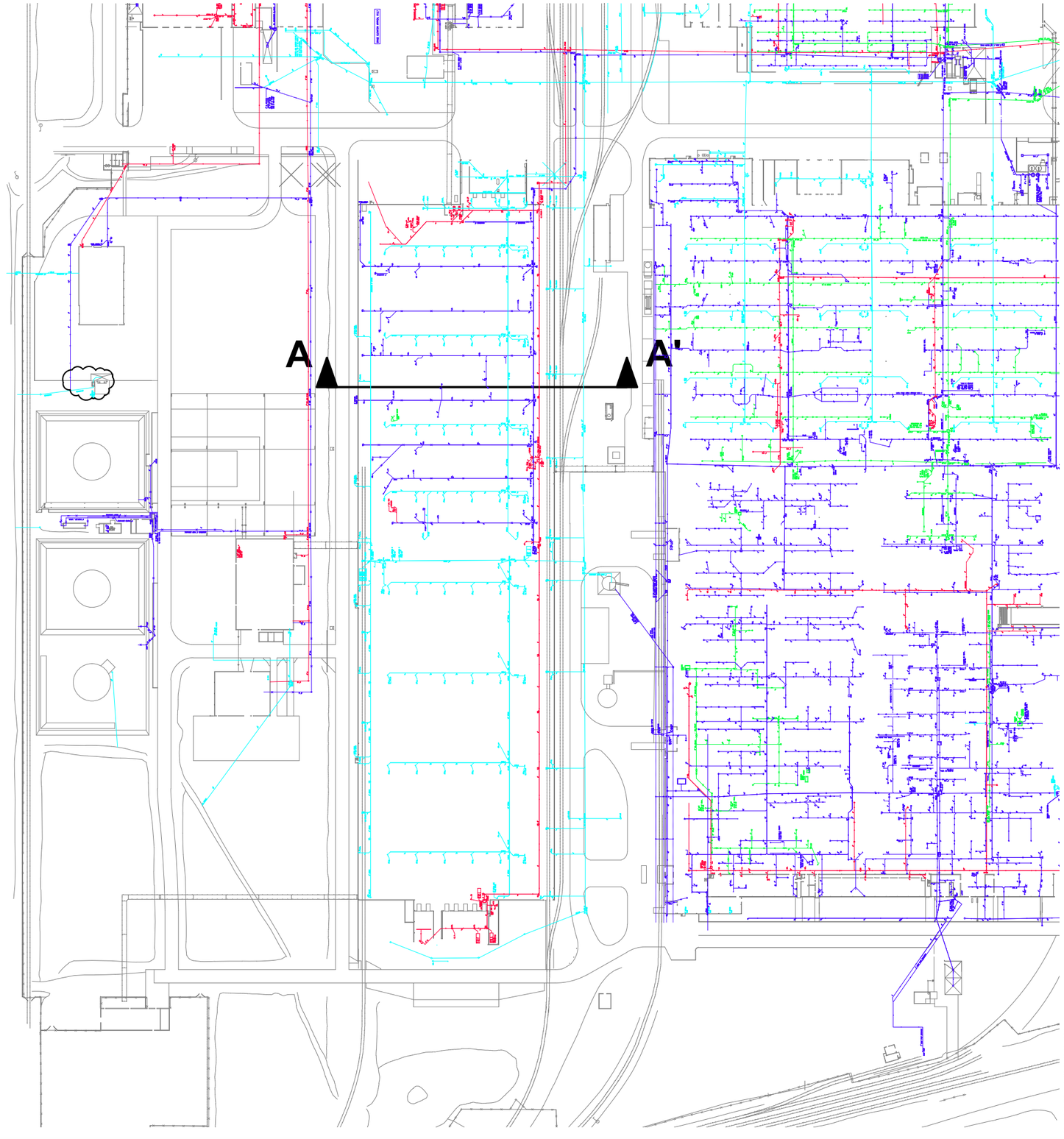
GM COMPONENTS HOLDINGS, LLC.
LOCKPORT FACILITY
200 UPPER MOUNTAIN ROAD
LOCKPORT, NEW YORK

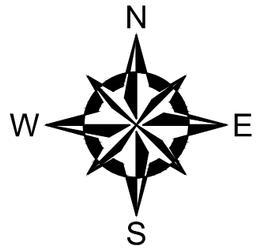
BUILDING 10
SAMPLING LOCATION PLAN

SCALE: AS SHOWN
NOVEMBER 2011

FIGURE 3

G:\36795_GM LOCKPORT\CAD\36795-BLDG10-03.DWG





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 10
SUBSURFACE PIPE LOCATION MAP PLAN VIEW

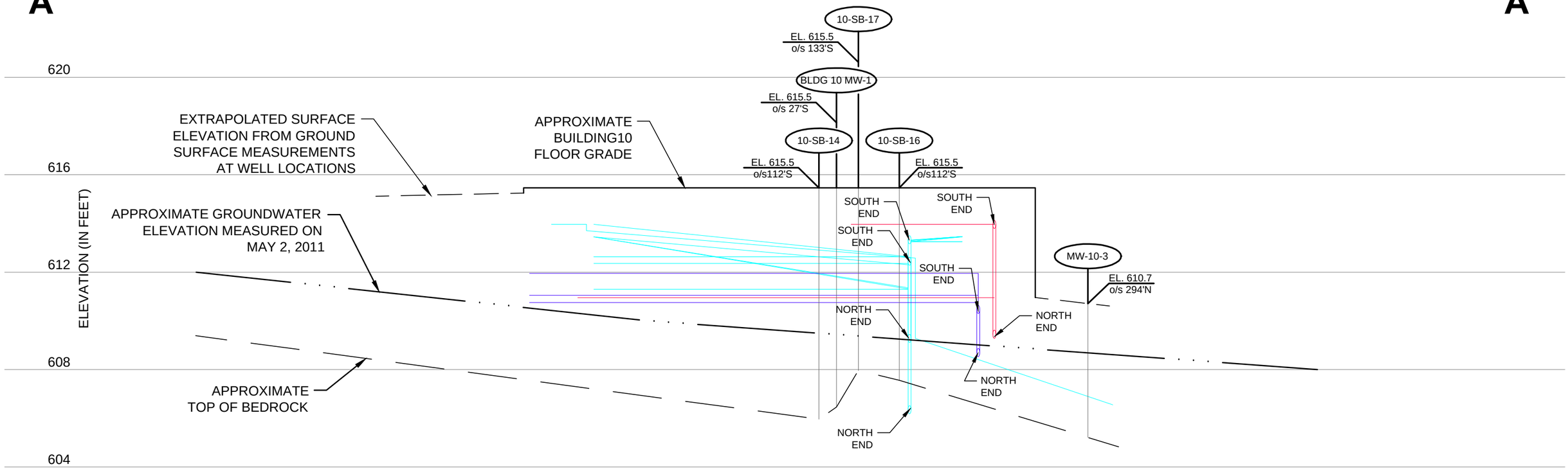
PREPARED BY:
GZA GeoEnvironmental of N.Y.
Engineers and Scientists
535 WASHINGTON STREET 11th FLOOR
BUFFALO, NEW YORK 14203
(716) 685-2300

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.	

A

A'



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 30 60 120

0 2 4 8

VERTICAL

NO.	ISSUE/DESCRIPTION	BY	DATE

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

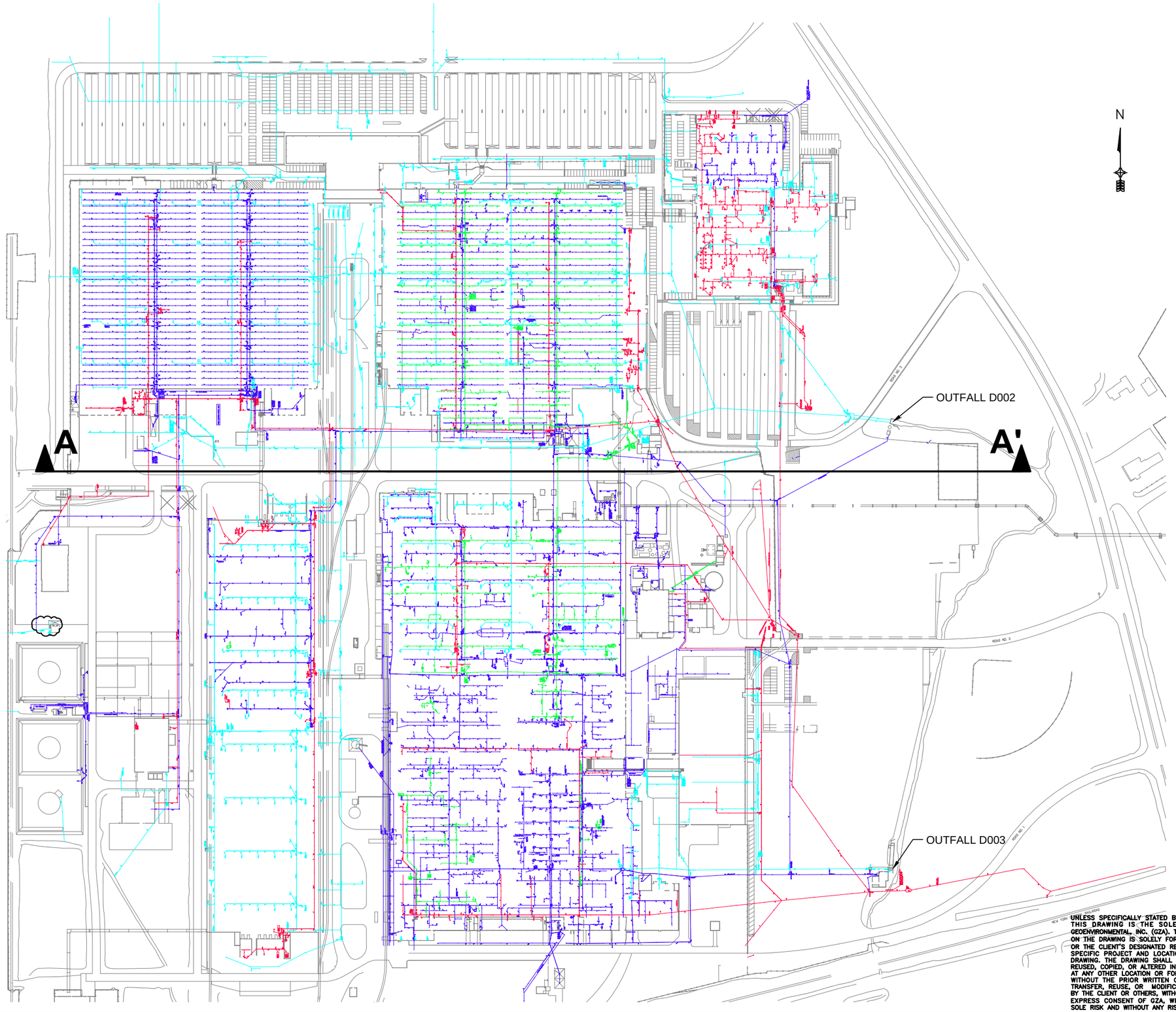
BUILDING 10

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'	5
DATE JULY 2011	PROJECT NO. 21.0056546.00	REVISION NO.	



N

W E

S

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

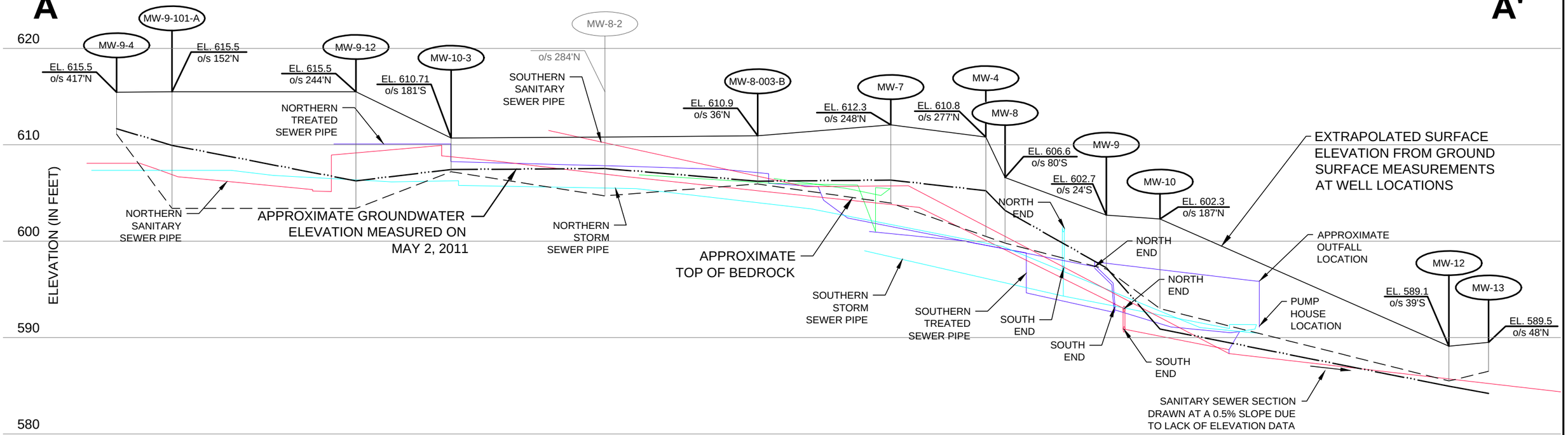
GM COMPONENTS HOLDINGS, LLC
LOCKPORT FACILITY
200 UPPER MOUNTAIN ROAD
LOCKPORT, NEW YORK

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.	



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

NO.	ISSUE/DESCRIPTION	BY	DATE

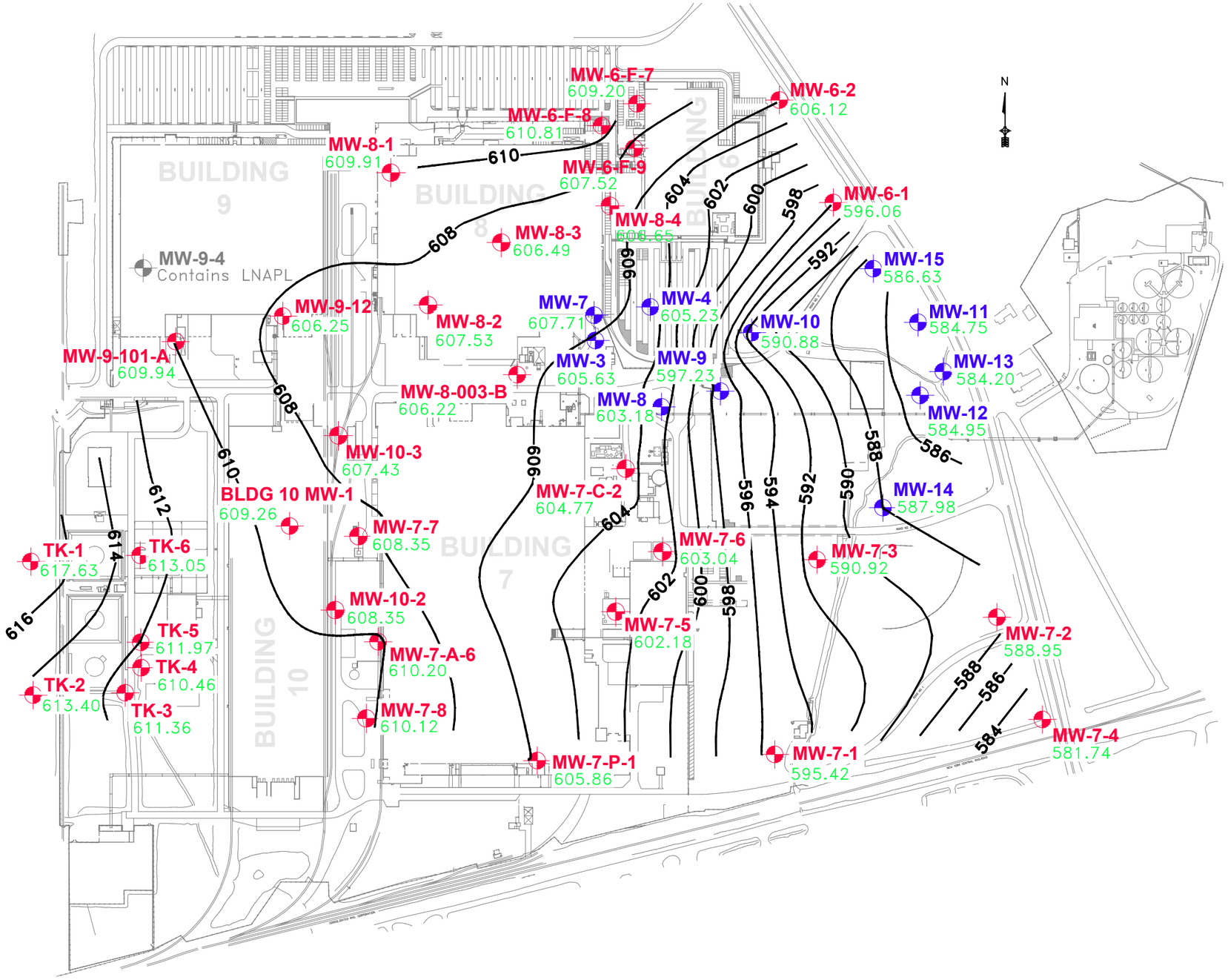
GM COMPONENTS HOLDINGS, LLC
LOCKPORT FACILITY
200 UPPER MOUNTAIN ROAD
LOCKPORT, NEW YORK

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.	



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-BLDG10-08.dwg Plot Date: November 11, 2011 Layout: GW Contours (8)
Operator Name: LUCIDO_SAM

10-SB-11	12/30/2010 2 - 4 ft BGS
Volatile Organic Compounds Tetrachloroethene	21 [B]

SP-7	10/20/2010 4 - 6 ft BGS
Volatile Organic Compounds Tetrachloroethene	297 [AB]

SP- 1	10/2010 2 - 4 BGS
Volatile Organic Compounds Tetrachloroethene	770 [ABC]

SP- 16	10/2010 2 - 4 BGS
Volatile Organic Compounds Tetrachloroethene	1.9 [A]

10-SB-15	12/30/2010 6 - 8 ft BGS
Volatile Organic Compounds Tetrachloroethene	350 [AB]

10-SB-12	12/30/2010 4 - 6 ft BGS
Volatile Organic Compounds Tetrachloroethene	460 [AB]

SP-2	10/2010 2 - 4 ft BGS
Volatile Organic Compounds Tetrachloroethene	4.7 [A]

SP- 19	10/2010 4 - 6 BGS
Volatile Organic Compounds Tetrachloroethene	2.5 [A]

SP-8	10/2010 2 - 4 ft BGS
Volatile Organic Compounds Tetrachloroethene	3.0 [A]

10-SB-105	10/2010 0 - 2 ft BGS
Metals Cadmium	22.3 [AB]

10-SB-16	12/30/2010 2 - 4 ft BGS
Volatile Organic Compounds Tetrachloroethene	70 [A]

10-SB-14	12/30/2010 6 - 8 ft BGS
Volatile Organic Compounds Tetrachloroethene	870 [AB]

SP- 21	10/2010 0.5 - 2 ft / 6 - 8 BGS
Volatile Organic Compounds Tetrachloroethene	8.9 [A] / 2.6 [A]

SP-13	10/2010 2 - 4 ft BGS
Volatile Organic Compounds Tetrachloroethene	3.0 [A]

SP-18	10/2010 0.5 - 2 ft BGS
Volatile Organic Compounds Tetrachloroethene	3.2 [A]

10-SB-17	12/30/2010 4 - 6 ft BGS
Volatile Organic Compounds Tetrachloroethene	5 [A]

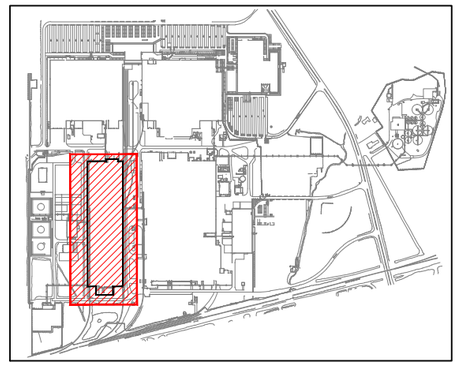
MW-10-3
MW-10-2
BLDG 10 MW-1
SP-1
SP-2
SP-3
SP-4
SP-5
SP-6
SP-8
SP-9
SP-10
SP-11
SP-12
SP-13
SP-15
SP-16
SP-17
SP-18
SP-19
SP-20
SP-21
10-SB-1
10-SB-2
10-SB-3
10-SB-4
10-SB-5
10-SB-6
10-SB-7
10-SB-8
10-SB-9
10-SB-10
10-SB-11
10-SB-12
10-SB-14
10-SB-15
10-SB-16
10-SB-17
10-SB-18
10-SB-19
10-SB-20
10-SB-21
10-105
TK-3
TK-4
TK-5
TK-6
7-A-1
7-A-4
7-A-5
7-G-1-A
7-G-1-B
7-G-1-C
7-G-1-D
7-G-2-B
7-G-2-C
7-G-3-B
7-G-3-C
7-G-4-A
7-G-4-B
7-G-4-C
7-G-4-D
7-G-4-E
7-G-5-B
7-G-5-C
7-G-7-B
7-G-7A
7-G-8-A
7-G-8-B
7-G-8-C
7-G-10-A
7-G-10-B
7-G-10-C
7-G-11-A
7-G-11-B
7-G-11-C
7-G-A-2
7-G-A-7
7-G-A-8
7-G-A-9
7-M-5
BUILDING 10

LEGEND:

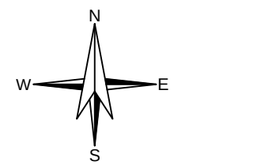
- APPROXIMATE LOCATION OF MONITORING WELL
- APPROXIMATE LOCATION OF SOIL BORING
- APPROXIMATE LOCATION OF AIR SAMPLE
- ERM BORING LOCATION
- APPROXIMATE LOCATION OF SOIL PROBES (GZA, OCTOBER 2010)

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 MG/KG.
4. CHEMICALS SHOWN IN DATABOXES EXCEEDED CRITERIA FOR BUILDING.
5. RESULTS IN RED EXCEED CRITERIA:
   [A] - RESTRICTED INDUSTRIAL CRITERIA
   [B] - PROTECTION OF GROUNDWATER CRITERIA



SITE KEY: NOT TO SCALE



0 150 300
SCALE IN FEET

HALEY & ALDRICH

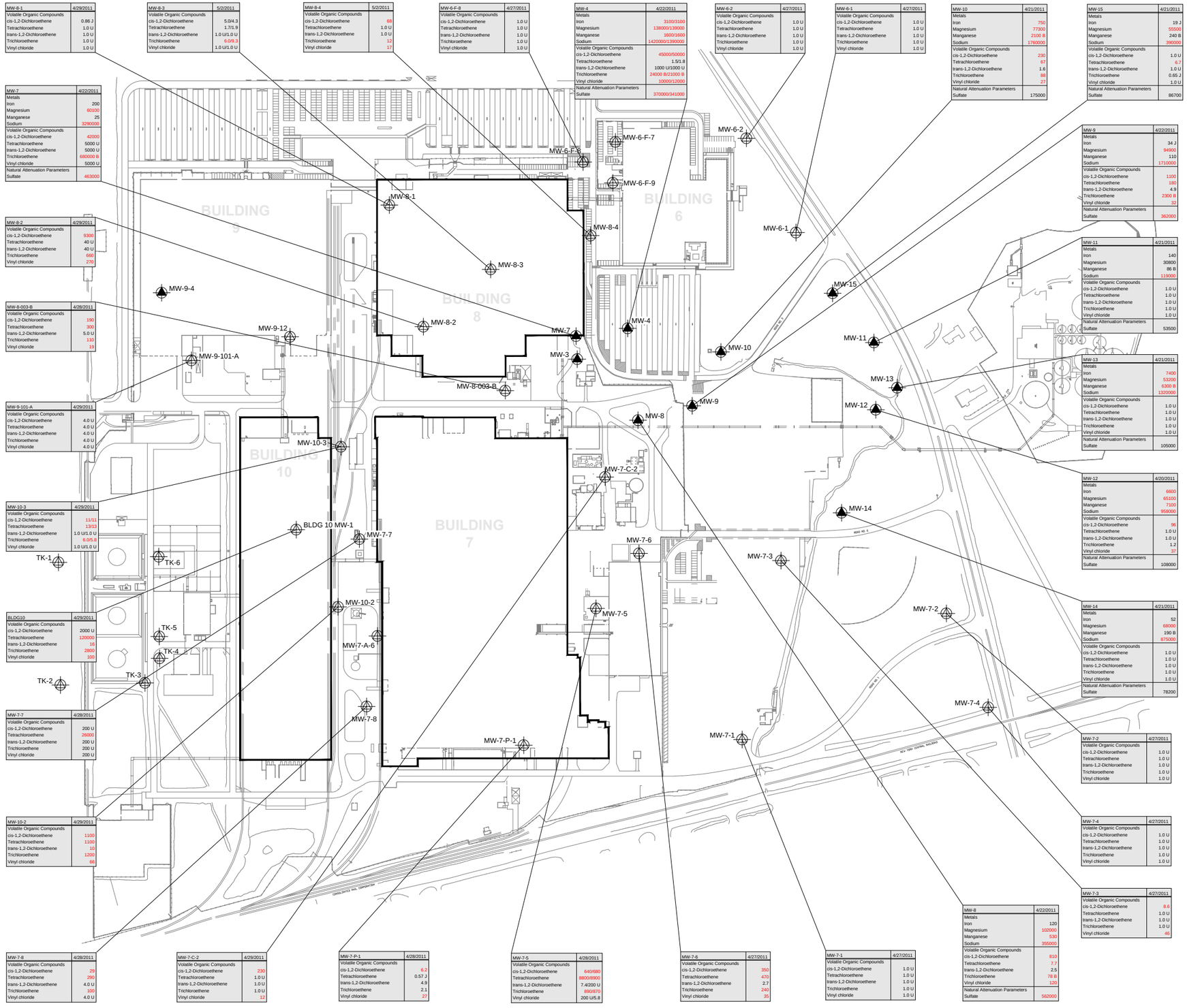
GM COMPONENTS HOLDINGS, LLC.
LOCKPORT FACILITY
200 UPPER MOUNTAIN ROAD
LOCKPORT, NEW YORK

SOIL ANALYTICAL RESULTS SUMMARY

SCALE: AS SHOWN
NOVEMBER 2011

FIGURE 9

G:\36795_GM LOCKPORT\CAD\36795-BLDG10-09.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-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-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-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-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

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-7-7	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-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-7-8	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

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-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-7-5	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-7-6	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-7-1	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-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-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-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-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-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-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

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-7-4	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-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

10-VI-2	10-VI-2IA 1/18/2011	10-VI-2IA 1/20/2011
1,1,1-Trichloroethane	20 U/20 U	20 U
1,1-Dichloroethene	14 U/14 U	14 U
Carbon tetrachloride	11 U/11 U	11 U
cis-1,2-Dichloroethene	14 U/14 U	14 U
Tetrachloroethene	24 U/24 U	24 U
Trichloroethene	9.7 U/9.7 U	9.7 U
Vinyl chloride	9.2 U/9.2 U	9.2 U

10-VI-1	10-VI-1IA 1/18/2011	10-VI-1IA 1/20/2011
1,1,1-Trichloroethane	38 U	8.2 U
1,1-Dichloroethene	28 U	5.9 U
Carbon tetrachloride	22 U	4.8 U
cis-1,2-Dichloroethene	28 U	5.9 U
Tetrachloroethene	47 U	10 U
Trichloroethene	19 U	4.6
Vinyl chloride	18 U	3.8 U

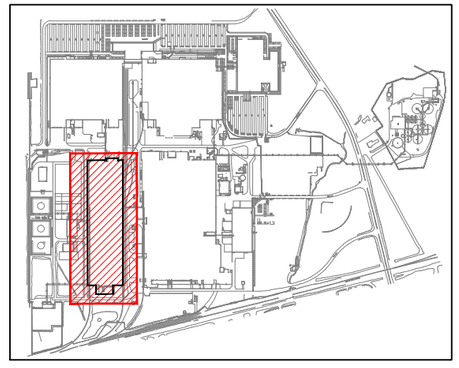
10-VI-2
10-VI-1
SP-2
SP-3
SP-4
SP-5
SP-6
SP-8
SP-9
SP-10
SP-11
SP-12
SP-13
SP-15
SP-16
SP-17
SP-18
SP-19
SP-20
SP-21
7-FF-1
7-FF-2
7-L-1
7-M-5
7-G-7A
7-G-7B
7-G-11-A
7-G-11-B
7-G-11-C
7-G-3-B
7-G-3-C
7-G-5-C
7-G-8-A
7-G-8-B
7-G-8-C
7-G-10-A
7-G-10-B
7-G-10-C
7-G-5-A
7-G-5-B
7-A-1
7-G-4-A
7-G-4-B
7-G-4-C
7-G-4-D
7-G-4-E
7-G-2-B
7-G-2-C
7-G-4-A
7-G-A-7
7-G-A-2
7-G-A-8
7-G-A-9
7-G-1-A
7-A-5
7-G-1-B
7-G-1-C
7-A-4
7-G-1-D
BUILDING 10

LEGEND:

- VAPOR INTRUSION SAMPLING POINT
- ERM BORING LOCATION
- APPROXIMATE LOCATION OF SOIL PROBES (GZA, OCTOBER 2010)

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

VAPOR INTRUSION RESULTS SUMMARY

SCALE: AS SHOWN
NOVEMBER 2011

FIGURE 11

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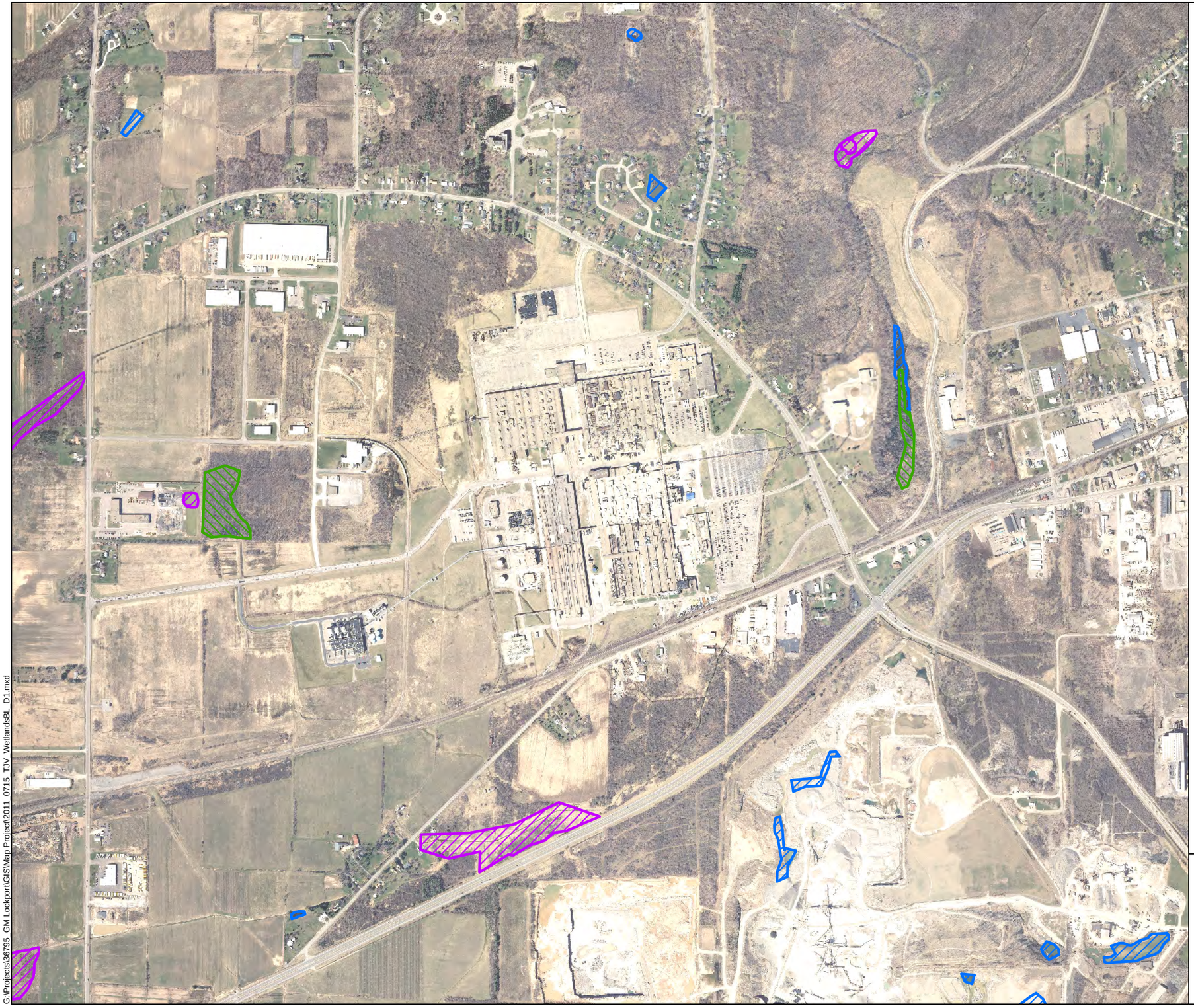


EMERGENT WETLANDS
FORESTED/SHRUB WETLANDS
SURFACE WATER

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 Phase II Investigation Data Tables & Figures

N

TK2

TK1

BLDG. #17

TK3

TK4

TK5

TK6

18-110-A

18-110-C

18-110-B

AOI-39
FORMER GASOLINE
& DIESEL UST'S

TRUCK
GATE

BLDG. #18

BLDG. #14

BLDG. #16

1 3 5 7 9 11 13 15 17 19 21 23 25 27 29 31 33 35 51 53 55 57 59 61 63 65 67

10-105

AOI-35
SALVAGE EQUIPMENT
STORAGE AREA

Sample ID	Parameter	Result	Restricted Commercial	Restricted Industrial
Metals				
10-105(0-2'	Cadmium - Total	22.3	9.3	60
SVOCs				
10-105(0-2'	Dibenz(a,h)anthracene	3.5 U	0.56	1.1
10-105(0-2'	Pentachlorophenol	18 U	6.7	55

Sample ID	Parameter	Result	Restricted Commercial	Restricted Industrial
SVOCs				
10-104-A(0-2)	Benzo(a)anthracene	34 U	5.6	11
10-104-A(0-2)	Benzo(a)pyrene	34 U	1	1.1
10-104-A(0-2)	Benzo(b)fluoranthene	34 U	5.6	11
10-104-A(0-2)	Dibenz(a,h)anthracene	34 U	0.56	1.1
10-104-A(0-2)	Indeno(1,2,3-cd)pyrene	34 U	5.6	11

WY

Sample ID	Parameter	Result	Restricted Commercial	Restricted Industrial
SVOCs				
10-104-B(4-5.5)	Benzo(a)pyrene	1.5 U	1	1.1
10-104-B(4-5.5)	Dibenz(a,h)anthracene	1.5 U	0.56	1.1

10-104-A

10-104-B

WR

AOI-34
FORMER
GASOLINE UST

UNIT LOAD

RAMP

SOUTH DOCK

OFFICES

Sample ID	Parameter	Result	Restricted Commercial	Restricted Industrial
SVOCs				
10-104-AR (2-4)	Benzo(a)anthracene	6.7 U	5.6	11
10-104-AR (2-4)	Benzo(a)pyrene	6.7 U	1	1.1
10-104-AR (2-4)	Benzo(b)fluoranthene	6.7 U	5.6	11
10-104-AR (2-4)	Dibenz(a,h)anthracene	6.7 U	0.56	1.1
10-104-AR (2-4)	Indeno(1,2,3-cd)pyrene	6.7 U	5.6	11

WK

WG

WD

WA

BLDG. #10

10-106

AOI-36
HISTORIC PAINTING
OPERATIONS

AOI-33
FORMER
GASOLINE UST

10-103-A

RAMP

10-103-B

995
NORTH
DOCK

10-107-B

10-107-A

AOI-37
FORMER SUMP
EXCAVATION

Sample ID	Parameter	Result	Restricted Commercial	Restricted Industrial
SVOCs				
10-107-B (4-6)	Tetrachloroethene	220	150	300

Sample ID	Parameter	Result	Restricted Commercial	Restricted Industrial
SVOCs				
10-107-A (2-4)	Tetrachloroethene	270	150	300

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

LEGEND

AREA OF INTEREST ID NUMBER OR LETTER

AREA OF INTEREST

BORINGS UNLESS NOTED

MONITORING WELL

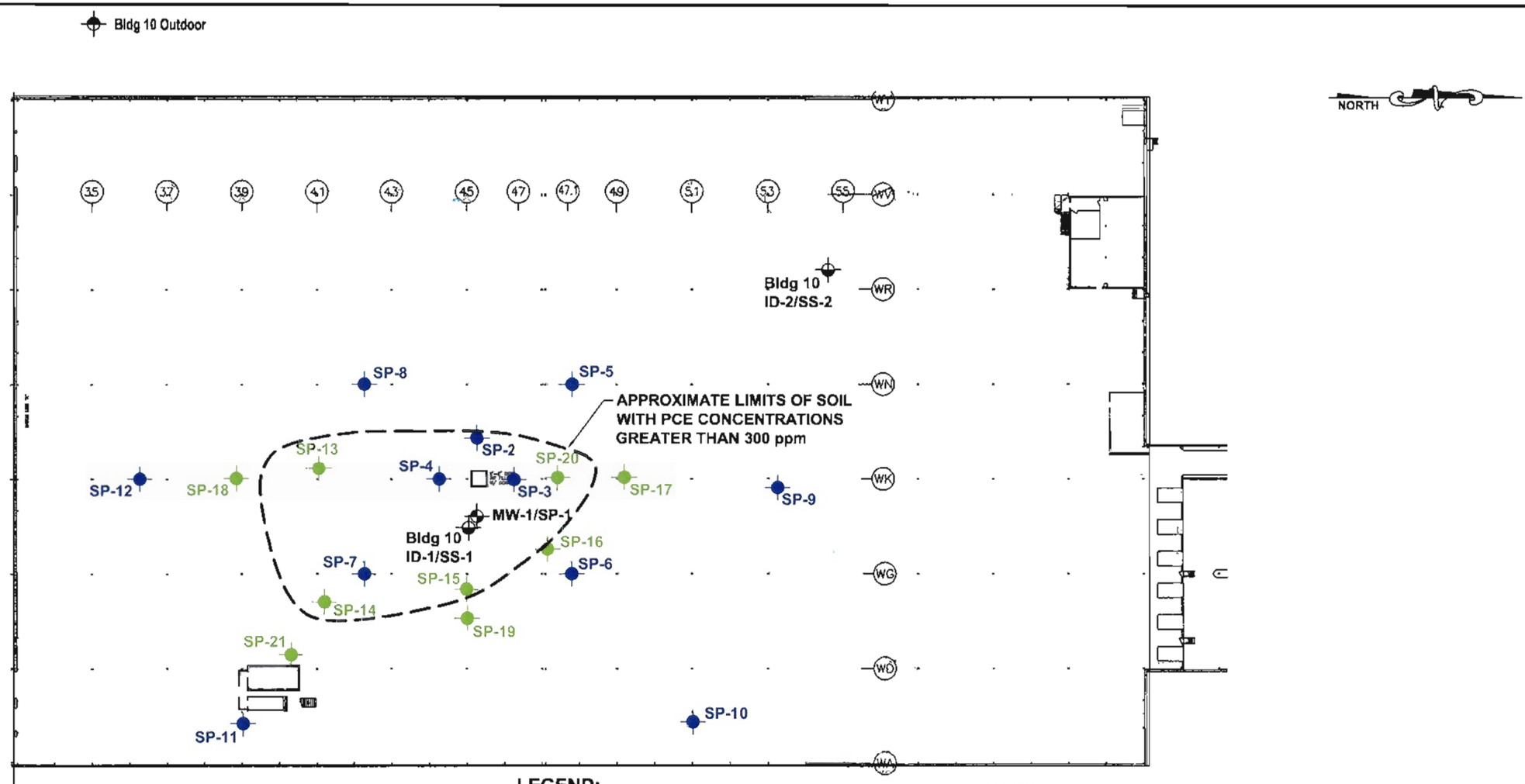
1.1 RESULT EXCEEDED SCREENING CRITERIA

0 100 200 300
APPROXIMATE SCALE IN FEET

DELPHI
THERMAL AND INTERIOR SYSTEMS

FIGURE 16 - 2006 FIELD INVESTIGATION
LOCKPORT, NY
ANALYTICAL RESULTS
BUILDING 10

ERM



LEGEND:

SP-13	APPROXIMATE LOCATION AND DESIGNATION OF ADDITIONAL SOIL PROBES (9 LOCATIONS) (SP-13 - SP-21)
Bldg 10 Outdoor	APPROXIMATE LOCATION AND DESIGNATION OF AMBIENT OUTDOOR AIR SAMPLE (1 LOCATION)
MW-1/SP-1	APPROXIMATE LOCATION AND DESIGNATION OF SOIL PROBE AND MONITORING WELL (1 LOCATION)
SP-4	APPROXIMATE LOCATION AND DESIGNATION OF SOIL PROBES (11 LOCATIONS) (SP-2 - SP-12)
Bldg 10 ID-1/SS-1	APPROXIMATE LOCATION AND DESIGNATION OF INTERIOR AIR AND SUB-SLAB AIR SAMPLES (2 LOCATIONS)

NOTES:

1. BASE MAP ADAPTED FROM A SITE PLAN PROVIDED BY THE CLIENT.
2. THE SIZE AND LOCATION OF EXISTING SITE FEATURES SHOULD BE CONSIDERED APPROXIMATE.
3. ppm - parts per million
4. PCE - Tetrachloroethylene
5. ND - Non-Detect
6. PART 375 RESTRICTED COMMERCIAL SOIL CLEANUP OBJECTIVE: 150 ppm.
7. PART 375 RESTRICTED INDUSTRIAL SOIL CLEANUP OBJECTIVE: 300 ppm.
8. SOIL PROBES ADVANCED ON JULY 10, 2007.
9. ADDITIONAL SOIL PROBES ADVANCED ON SEPTEMBER 17, 2007.

DRAWN BY: DEW
DATE: OCTOBER 2010

GZA GeoEnvironmental of New York

APPROXIMATE SCALE IN FEET
0 30 60 120

GM COMPONENTS HOLDINGS, LLC
LOCKPORT FACILITY
200 UPPER MOUNTAIN ROAD
LOCKPORT, NEW YORK
BROWNFIELD CLEANUP PROGRAM WORK PLAN
BUILDING 10 SITE ID# 932140
FOCUSED ENVIRONMENTAL ASSESSMENT FIGURE

PROJECT No.
21.0056546.00

FIGURE No.
4

Table 1
Analytical Testing Program Summary
Focused Environmental Assessment
Delphi Thermal Building 10
Lockport, New York

Location	Date Collected	Depth/ Interval	VOCs EPA Method 8260 TCL	VOCs TO-15
Air Samples				
Bldg 10 ID-1	7/5/2007	~4 ft above floor grade		X
Bldg 10 ID-2	7/5/2007	~4 ft above floor grade		X
Bldg 10 SS-1	7/5/2007	~9 inches below floor grade		X
Bldg 10 SS-2	7/5/2007	~9 inches below floor grade		X
Bldg 10 Outdoor	7/5/2007	~4 ft above floor grade		X
Soil Samples				
SP-1	7/10/2007	0 to 2 ft bgs	X	
SP-1	7/10/2007	2 to 4 ft bgs	X	
SP-1	7/10/2007	4 to 6 ft bgs	X	
SP-1	7/10/2007	6 to 8 ft bgs	X	
SP-2	7/10/2007	2 to 4 ft bgs	X	
SP-3	7/10/2007	2 to 4 ft bgs	X	
SP-4	7/10/2007	6 to 7 ft bgs	X	
SP-5	7/10/2007	2 to 4 ft bgs	X	
SP-6	7/10/2007	0 to 2 ft bgs	X	
SP-7	7/10/2007	4 to 6 ft bgs	X	
SP-8	7/10/2007	0 to 2 ft bgs	X	
SP-9	7/10/2007	4 to 5.3 ft bgs	X	
SP-10	7/10/2007	4 to 6.8 ft bgs	X	
SP-11	7/10/2007	6 to 8.3 ft bgs	X	
SP-12	7/10/2007	2 to 4 ft bgs	X	
Groundwater Samples				
MW-1	7/18/2007	NA	X	

Notes:
1. NA = not applicable.
2. ft bgs = feet below ground surface
3. VOCs = Volatile Organic Compounds
4. SVOCs = Semi-Volatile Organic Compounds
5. TPH = Total Petroleum Hydrocarbons
6. TCL = total compound list.
7. STARS = Spills Technology and Remediation Series

Table 2
Air Sampling Analytical Testing Results Summary
Focused Environmental Assessment
Delphi Thermal Building 10
Lockport, New York

Sample Location Sample Date	Bldg 10 ID-1 7/5/2007	Bldg 10 SS-1 7/5/2007	Bldg 10 ID-2 7/5/2007	Bldg 10 SS-2 7/5/2007	Bldg 10 Outdoor 7/5/2007
VOC - EPA Method TO-15 (ug/m^3)					
1,1-Dichloroethene		1,280			
1,2,4-Trimethylbenzene	7 59	11 0	2 75	9.49	1.75
1,3,5-Trimethylbenzene	7 05	6 75		6.15	
1,4-Dichlorobenzene	0.795	1 83	1.77	1.71	
2,2,4-Trimethylpentane		71 2			
4-ethyltoluene	2.60	2 50		2.35	
Acetone	23.2	1,000	32.4		28 7
Benzene	0.552	59.4	1.30	234	0.552
Carbon disulfide		55 1	0.538	53.8	
Carbon tetrachloride	0.512	0 767	0.512		0 512
Chloroform		250	0.993		
Chloromethane	0.693		0.903		0 756
cis-1,2-Dichloroethene	1.69	99,900	4.96	49.6	
Cyclohexane		178		2,170	
Ethyl acetate	0.696		8.06		
Ethylbenzene	0.353	10.6	0 706	10.6	
Freon 11	1.43	3.60	1.83	2.17	1.43
Freon 113		7 32	0.935	1 71	
Freon 12	2.46	2.31	2.56	1 31	2.56
Heptane		173		1,130	
Hexane	0.896	231	2.65	3,940	
Isopropyl alcohol			8.49		
m&p-Xylene	0.883	32 2	1 41	25.2	0.662
Methyl Ethyl Ketone	1 53		2.49		3.39
Methyl Isobutyl Ketone	0.791		0 874		
Methylene chloride	0.459	124	0.918	4 59	0 777
o-Xylene	0.618	9.71	0.927	8 83	0.618
Styrene		8 01	0 736	7 45	
Tetrachloroethylene	10.6	63,500	5.45	25.5	
Tetrahydrofuran		27.9	0.989		
Toluene	6.32	54.0	19.2	124	2.22
trans-1,2-Dichloroethene		4,990			
Trichloroethene	3.33	216,000	10.6	84.1	0.929
Vinyl chloride		10 9			

Notes:
1 Compounds were not detected in the samples presented on this table
Refer to Appendix D for list of all compounds included in analysis
2. Analytical testing completed by Centek Laboroatories, in Syracuse, New York
3 Shaded compounds exceed the Air Guidance Values from "Guidance for Evaluating Soil Vapor Intrusion in the State of New York" dated October 2006, prepared by New York State Department of Health..
4 ug/m^3 = micrograms per cubic meter
5 Blank indicates compound was not detected.

Table 3
Soil Sampling Analytical Testing Results Summary
Focused Environmental Assessment
Delphi Thermal Building 10
Lockport, New York

Parameter	NYSDEC Part 375 Industrial SCO	Bldg 10 SP-1 0 to 2 ft bgs	Bldg 10 SP-1 2 to 4 ft bgs	Bldg 10 SP-1 4 to 6 ft bgs	Bldg 10 SP-1 6 to 8 ft bgs	Bldg 10 SP-2 2 to 4 ft bgs	Bldg 10 SP-3 2 to 4 ft bgs	Bldg 10 SP-4 6 to 7.1 ft bgs	Bldg 10 SP-5 2 to 4 ft bgs	Bldg 10 SP-6 0 to 2 ft bgs	Bldg 10 SP-7 4 to 6 ft bgs	Bldg 10 SP-8 0 to 2 ft bgs	Bldg 10 SP-9 4 to 5.3 ft bgs	Bldg 10 SP-10 4 to 6.5 ft bgs	Bldg 10 SP-11 6 to 8.3 ft bgs	Bldg 10 SP-12 2 to 4 ft bgs
VOC - EPA Method 8260 (mg/kg)																
Tetrachloroethene	300	72.2	119	177	506	4.7	770	447			297	3				

Notes

1 Compounds detected in one or more samples are presented on this table

Refer to Attachment D for list of all compounds included in analysis

2 Analytical testing completed by Free-Col Laboratories

3 Soil cleanup objectives (SCOs) based on the NYSDEC Part 375 Industrial Soil Cleanup objectives

4 mg/kg = part per million (ppm)

5 Blank indicates compound was not detected

6 Shading indicates values exceeding guidance criteria

Table 4
Groundwater Sample Analytical Testing Results Summary
Focused Environmental Assessment
Delphi Thermal Building 10
Lockport, New York

Parameter	NYSDEC Class GA Criteria	BLDG 10 MW-1
VOC - EPA Method 8260 (ug/l)		
Benzene	1	5
Acetone	50	20
4-methyl-2-pentanone	NV	59
1,1-Dichloroethene	5	480
1,2-Dichloroethenes (Total)	5	230
Toluene	5	44
Ethylbenzene	5	4
o-Xylene	5	15
m,p-xylene	5	46
Methylene Chloride	5	200
1,1,2,2-Tetrachloroethane	5	6
1,3-Dichlorobenzene	3	3
Tetrachloroethene	5	114,000
Trichloroethylene	5	200
Vinyl Chloride	1	220
cis-1,2-Dichloroethene	5	220
trans-1,2-Dichloroethene	5	15
1,1,2-Trichloroethane	1	77

Notes:
1. Compounds detected in one or more samples are presented on this table.
2. Analytical testing completed by Free-Col Laboratories.
3. NYSDEC Class GA criteria obtained from Division of Water Technical and Operational Guidance Series (TOGS 1.1.1), dated October 1993, revised June 1998, January 1999 errata sheet, and April 2000 addendum.
4. ug/kg = part per billion (ppb).
5. Blank indicates compound was not detected.
6. Shading indicates values exceeding guidance criteria.

Table 1
Analytical Testing Program Summary
SVE Pilot Test & Design
Delphi Building 10
Lockport, New York

Location	Date Collected	Depth/ Interval (ft bgs)	VOCs EPA Method 8260 TCL	VOCs GC Screen	Moisture Content	Sieve Hydrometer (Grain Size)
Soil Samples						
SP-13	9/17/2007	0 to 2			X	
SP-13	9/17/2007	2 to 4			X	Soil samples SP-13 2 to 8 ft bgs were composited into one sample for this
SP-13	9/17/2007	4 to 6	X		X	
SP-13	9/17/2007	6 to 8	X		X	
SP-14	9/17/2007	0 to 2			X	
SP-14	9/17/2007	2 to 4	X			
SP-14	9/17/2007	4 to 6			X	
SP-14	9/17/2007	6 to 8	X			
SP-15	9/17/2007	0 to 2			X	
SP-15	9/17/2007	2 to 4			X	Soil samples SP-15 2 to 8 ft bgs were composited into one sample for this
SP-15	9/17/2007	4 to 6			X	
SP-15	9/17/2007	6 to 8	X			
SP-15	9/17/2007	8 to 9	X			
SP-16	9/17/2007	2 to 4	X			
SP-16	9/17/2007	4 to 6	X			
SP-17	9/17/2007	2 to 4	X			
SP-18	9/17/2007	0 5 to 2	X			
SP-18	9/17/2007	8 to 8.5	X			
SP-19	9/17/2007	4 to 6	X			
SP-20	9/17/2007	0 5 to 2	X			
SP-20	9/17/2007	2 to 4	X			
SP-20	9/17/2007	4 to 6	X			
SP-20	9/17/2007	6 to 8	X			
SP-21	9/17/2007	0 5 to 2	X			
SP-21	9/17/2007	6 to 8	X			
Air Samples		TIME				
EW-1	10/3/2007	1215		X		
EW-1	10/3/2007	1345		X		
EW-2	10/4/2007	1300		X		
EW-2	10/4/2007	1515		X		
Discharge	10/4/2007	1300		X		

Notes
1. ft bgs = feet below ground surface
2. VOCs = Volatile Organic Compounds
3. TCL = total compound list
4. GC = Gas Chromatogram

Table 2
Soil Sampling Analytical Testing Results Summary
SVE Pilot Test & Design
Delphi Building 10
Lockport, New York

Parameter	NYSDEC Part 375 Industrial SCO	Bldg 10 SP-13 4 to 6 ft bgs	Bldg 10 SP-13 6 to 8 ft bgs	Bldg 10 SP-14 2 to 4 ft bgs	Bldg 10 SP-14 6 to 8 ft bgs	Bldg 10 SP-15 6 to 8 ft bgs	Bldg 10 SP-15 8 to 9 ft bgs	Bldg 10 SP-16 2 to 4 ft bgs	Bldg 10 SP-16 4 to 6 ft bgs	Bldg 10 SP-17 2 to 4 ft bgs	Bldg 10 SP-18 0 5 to 2 ft bgs	Bldg 10 SP-18 8 to 8 5 ft bgs	Bldg 10 SP-19 4 to 6 ft bgs	Bldg 10 SP-20 0 5 to 2	Bldg 10 SP-20 2 to 4 ft bgs	Bldg 10 SP-20 4 to 6 ft bgs	Bldg 10 SP-20 6 to 8 ft bgs	Bldg 10 SP-21 0 to 2 ft bgs	Bldg 10 SP-21 6 to 8 ft bgs
VOC - EPA Method 8260 (mg/kg)																			
cis-1,2-Dichloroethene	1,000					0.29	2.3					0.41	0.26						
Trichloroethene	400		0.27	0.71	18.9	0.48	3.6					1.7	0.25		1.2	1.1	0.61		
Tetrachloroethene	300	260	105	24.7	1,120	4.6	4.3	1.9	5	2.9	3.2	4.6	2.5	28.4	1,075	1,090	280	8.9	2.6
Toluene	1,000				1.2														
o-Xylene	1,000 *				0.21														
m,p-Xylene	1,000 *				0.84														

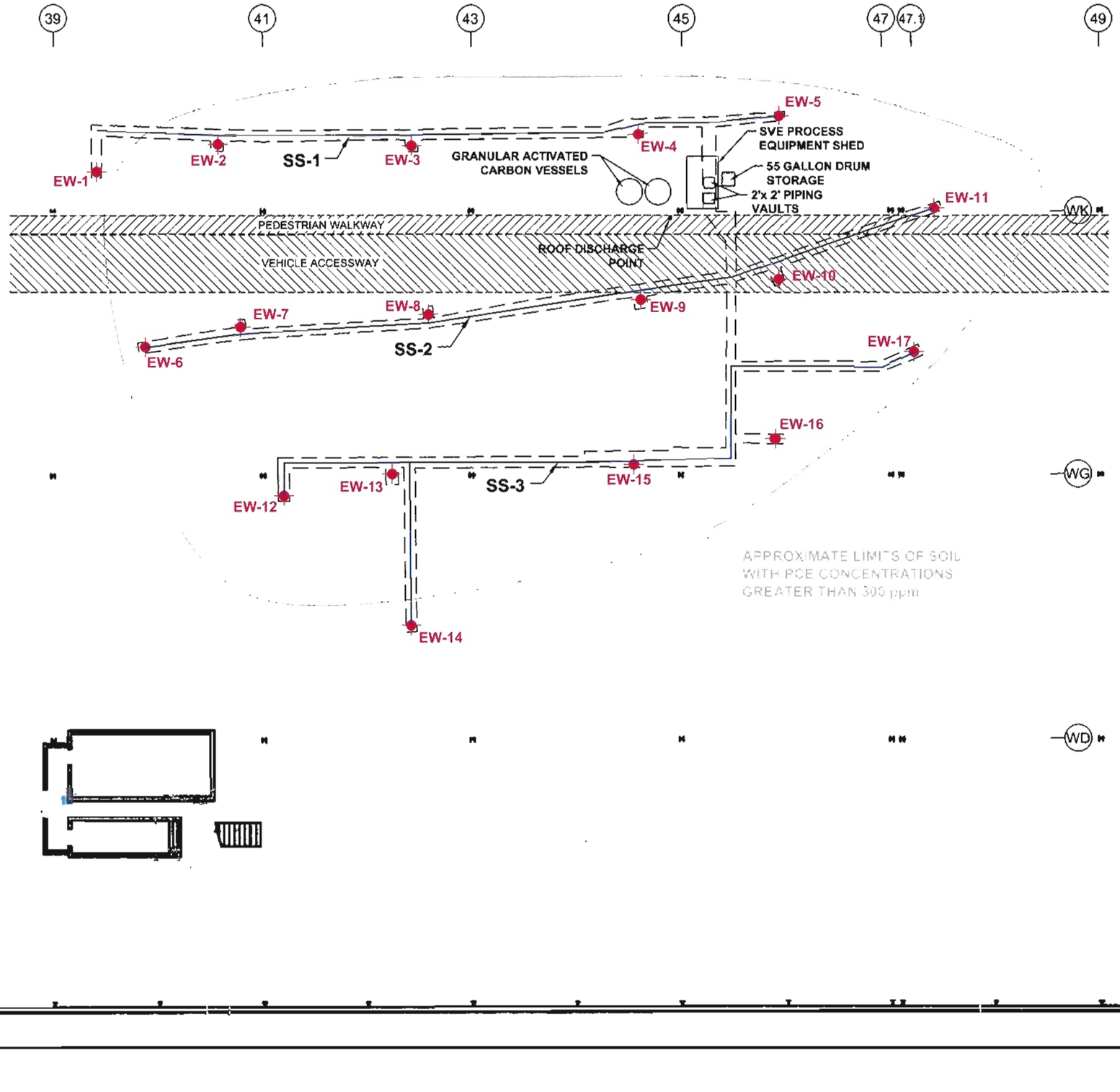
Notes:

1. Compounds detected in one or more samples are presented on this table
   Refer to Attachment D for list of all compounds included in analysis.
2. Analytical testing completed by Free-Col Laboratories.
3. Soil cleanup objectives (SCOs) based on the NYSDEC Part 375 Industrial Soil Cleanup objectives.
4. mg/kg = part per million (ppm)
5. Blank indicates compound was not detected above detection limits.
6. * = 1,000 ppm is the Industrial SCO for total xylene
7. Shading indicates values exceeding guidance criteria

Table 6
Air Sampling Analytical Testing Results Summary
SVE Pilot Testi & Design
Delphi Building 10
Lockport, New York

Sample Location Sample Date	EW-1 1215 10/3/2007	EW-1 1345 10/3/2007	EW-2: 1300 10/4/2007	EW-2 1515 10/4/2007		Discharge: 1300 10/4/2007
VOC - Gas Chromatograph Screen (ppm (v/v)						
1,1-Dichloroethene	5 6	4 5				1.4
Tetrachloroethene	800	420	3,700	3,400		10
Trichloroethene	14	8 3	170	150		

Notes:
1. Compounds detected in the samples are presented on this table
   Refer to Appendix C for list of all compounds included in analysis.
2. Analytical testing completed by GZA Laboratoy, in Hopkinton, Massachusetts.
   dated October 2006, prepared by New York State Department of Health..
3. ppm/v = parts per milliom per volume.
4. Blank indicates compound was not detected.



LEGEND:

- APPROXIMATE LOCATION OF TRENCHES INSTALLED BENEATH CONCRETE SLAB FOR SVE AND SSD PIPING
- SS-1 — SUB-SLAB LEG 1
- EW-1 — APPROXIMATE LOCATION AND DESIGNATION OF 4-INCH DIAMETER SOIL VAPOR EXTRACTION WELL

NOTES:

1. BASE MAP ADAPTED FROM A SITE PLAN PROVIDED BY THE CLIENT.
2. THE SIZE AND LOCATION OF EXISTING SITE FEATURES SHOULD BE CONSIDERED APPROXIMATE.

DRAWN BY: DEW

DATE: OCTOBER 2010

GZA GeoEnvironmental of New York

APPROXIMATE SCALE IN FEET

0 10 20 40

GM COMPONENTS HOLDINGS, LLC

LOCKPORT FACILITY

200 UPPER MOUNTAIN ROAD

LOCKPORT, NEW YORK

BROWNFIELD CLEANUP PROGRAM WORK PLAN

BUILDING 10 SITE ID# 932140

SVE / SSD SYSTEM LAYOUT

PROJECT No.

21.0056546.00

FIGURE No.

5

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 -
All wastes are met

GM COMPONENTS HOLDINGS, LLC
Contain & Absorb ~~Environmental~~

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 [illegible]	[signature]	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]	[signature]	3	29	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		DELIVERY	
SHIPPER NAME	GM COMPONENTS	CONSIGNEE NAME	MODERN LANDFILL
STREET		STREET	
CITY / STATE / ZIP CODE	LOCKPORT NY.	CITY / STATE / ZIP CODE	MODEL CITY NY.
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 10 BCP Site
GMCH Lockport Facility

BORING No. 10-SB-1
SHEET 1 OF 20
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	12/29/2010 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 (9 Inches)		
1	S-1	0.8 - 2	70	FILL-Dark Brown SILT & CLAY, trace Sand, trace Gravel, moist.		0
2		2 - 4	70			0
3				Reddish Brown Clayey SILT, some Gravel, trace Sand, moist (Native).		
4	S-2	4 - 6	80			0
5						
6		6 - 8	80	Reddish Brown SILT and Sand, moist.		0
7				Reddish Brown Clayey SILT, little Gravel, trace Sand, moist.		
8	S-3	8 - 8.5	90			0
9				Refusal at 8.5 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.
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
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START DATE	12/29/2010 END DATE 12/29/2010	GZA GEOENVIRONMENTAL REPRESENTATIV	C. Boron

WATER LEVEL DATA

DATE	TIME	WATER	CASING

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ROCK DRILLING METHOD	NA

DEPTH	Sample Number	DEPTH (FT)	RECOVERY (%)	SAMPLE DESCRIPTION	NOTES	OVM (ppm)
				CONCRETE (9 Inches)		
1	S-1	0.8 - 2	95	FILL-Brown SILT & CLAY, trace Sand, trace Gravel, moist.		0
2						
		2 - 4	95			0
3				Grades to:… Dark Brown.		
4						
	S-2	4 - 6	60	Reddish Brown Clayey SILT, little Sand, little Gravel, moist		0
5				(Native).		
6						
		6 - 7	60			0
7						
8				Refusal at 7 feet bgs.		
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.
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ROCK DRILLING METHOD	NA

DEPTH	Sample Number	DEPTH (FT)	RECOVERY (%)	SAMPLE DESCRIPTION	NOTES	OVM (ppm)
				CONCRETE (7 Inches)		
1	S-1	0.5 - 2	95	FILL-Brown SILT & CLAY, trace Sand, trace Gravel, moist.		0
2		2 - 4	95			0
3				Reddish Brown Clayey SILT, trace Sand, trace Gravel, moist (Native).		
4	S-2	4 - 6	100			0
5						
6		6 - 8	100	Reddish Brown SILT & CLAY, trace Sand, trace Gravel, moist.		0
7						
8	S-3	8 - 10	90	Reddish Brown Clayey SILT, little Sand, trace Gravel, moist.		0
9						
10				Refusal at 10 feet bgs.		
11						
12						
13						
14						
15						
16						
17						
18						

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ROCK DRILLING METHOD	NA

DEPTH	Sample Number	DEPTH (FT)	RECOVERY (%)	SAMPLE DESCRIPTION	NOTES	OVM (ppm)
				CONCRETE (7 Inches)		
1	S-1	0.5 - 2	100	FILL-Brown SILT & CLAY, trace Sand, trace Gravel, moist.		0
2		2 - 4	100			0
3						
4				Reddish Brown Clayey SILT, trace Sand, trace Gravel, moist (Native).		
	S-2	4 - 6	100			0
5				Reddish Brown SILT & CLAY, trace Sand, little Gravel, moist.		
6		6 - 8	100			0
7						
8				Reddish Brown Clayey SILT, little Gravel, little Sand, moist.		
	S-3	8 - 9	100			0
9				Refusal at 9 feet bgs.		
10						
11						
12						
13						
14						
15						
16						
17						
18						

S - Soil Sample

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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 (%)			
				CONCRETE (6 Inches)		
1	S-1	0.5 - 2	100	FILL-Brown SILT & CLAY, trace Sand, trace Gravel, moist.		0
2		2 - 4	100			0
3				Reddish Brown Clayey SILT, trace Sand, trace Gravel, moist (Native).		
4	S-2	4 - 6	100			0
5				Grades to:… little Sand, little Gravel.		
6		6 - 7.5	100			0
7						
8				Refusal at 7.5 feet bgs.		
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						

S - Soil Sample

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ROCK DRILLING METHOD	NA

DEPTH	Sample Number	DEPTH (FT)	RECOVERY (%)	SAMPLE DESCRIPTION	NOTES	OVM (ppm)
				CONCRETE (6 Inches)		
1	S-1	0.5 - 2	95	FILL-Brown SILT & CLAY, trace Sand, trace Gravel, moist.		0
2		2 - 4	95			0
3						
4						
5	S-2	4 - 6	100	Reddish Brown Clayey SILT, trace Sand, trace Gravel, moist (Native).		0
6		6 - 8	100	Reddish Brown SILT & CLAY, trace Sand, little Gravel, moist.		0
7						
8	S-3	8 - 9	100	Reddish Brown Clayey SILT, little Sand, trace Gravel, moist. Grades to:… wet.		0
9						
10				Refusal at 9 feet bgs.		
11						
12						
13						
14						
15						
16						
17						
18						

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WATER LEVEL DATA

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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 (6 Inches)		
1	S-1	0.5 - 2	75	FILL-Brown SILT & CLAY, trace Sand, trace Gravel, moist.		0
2		2 - 4	75			0
3						
4				Reddish Brown SILT & CLAY, trace Sand, trace Gravel, moist (Native).		
	S-2	4 - 6	80			0
5						
6				Reddish Brown Clayey SILT, little Sand, trace Gravel, wet.		
		6 - 7	80			0
7				Refusal at 7 feet bgs.		
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						

S - Soil Sample

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ROCK DRILLING METHOD	NA

DEPTH	Sample Number	DEPTH (FT)	RECOVERY (%)	SAMPLE DESCRIPTION	NOTES	OVM (ppm)
				CONCRETE (6 Inches)		
1	S-1	0.5 - 2	95	FILL-Brown SILT & CLAY, trace Sand, trace Gravel, moist.		0
2		2 - 4	95			0
3						
4						
	S-2	4 - 6	100	Reddish Brown SILT & CLAY, trace Sand, trace Gravel, moist (Native).		0
5						
6						
		6 - 8	100			0
7						
8						
	S-3	8 - 10	100	Reddish Brown SILT, trace Sand, trace Gravel, wet.		0
9						
10						
				Refusal at 10 feet bgs.		
11						
12						
13						
14						
15						
16						
17						
18						

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ROCK DRILLING METHOD	NA

DEPTH	Sample Number	DEPTH (FT)	RECOVERY (%)	SAMPLE DESCRIPTION	NOTES	OVM (ppm)
				CONCRETE (6 Inches)		
1	S-1	0.5 - 2	100	FILL-Brown SILT & CLAY, trace Sand, trace Gravel, moist.		0
2		2 - 4	100			0
3						
4						
	S-2	4 - 6	90	Reddish Brown CLAY & SILT, trace Sand, trace Gravel, moist (Native).		0
5						
6						
		6 - 8	90			0
7						
				Reddish Brown SILT, little Sand, trace Gravel, wet.		
8						
	S-3	8 - 9	100			0
9						
				Refusal at 9 feet bgs.		
10						
11						
12						
13						
14						
15						
16						
17						
18						

S - Soil Sample

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DATE	TIME	WATER	CASING

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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 (6 Inches)		
1	S-1	0.5 - 2	100	FILL-Brown SILT & CLAY, trace Sand, trace Gravel, moist.		0
2		2 - 4	100			0
3						
4	S-2	4 - 6	100			0
5						
6		6 - 8	100	Reddish Brown SILT & CLAY, trace Sand, trace Gravel, moist (Native).		0
7						
8	S-3	8 - 9	100	Reddish Brown SILT, trace Sand, trace Gravel, wet.		0
9				Refusal at 9 feet bgs.		
10						
11						
12						
13						
14						
15						
16						
17						
18						

S - Soil Sample

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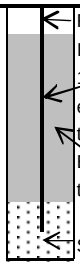
CONTRACTOR	Matrix Environmental Technologies, In	BORING LOCATION	See Location Plan
DRILLER	Mark Janus	GROUND SURFACE ELEVATION	##### DATUM NGVD29
START DATE	12/30/2010 END DATE 12/30/2010	GZA GEOENVIRONMENTAL REPRESENTATIV	C. Boron

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 (8 Inches)	Flush mount	
1	S-1	0.7 - 2	95	FILL- Reddish Brown SILT & CLAY, trace Sand, trace	Roadbox	55
				moist.	1/4 inch OD poly-	34
2					ethylene tubing	160
		2 - 4	95		to 4' bgs.	220
3					Betonite from 0.7	79
					to 3.5'	29
4						72
	S-2	4 - 6	100	Grades to:... some Gravel, little Sand.	Sand pack from	22
5				Refusal at 4.5 feet bgs.	4.5 to 3.5' bgs.	
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						



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ROCK DRILLING METHOD	NA

DEPTH	Sample Number	DEPTH (FT)	RECOVERY (%)	SAMPLE DESCRIPTION	NOTES	OVM (ppm)
				CONCRETE (7 Inches)	Flush mount	
1	S-1	0.6 - 2	90	Reddish Brown Silty CLAY, moist (native).	Roadbox	25
				(paint solvent odor)		650
2					1/4 inch OD poly-	351
		2 - 4	90		ethylene tubing	50
3					to 4.9' bgs.	216
4				solvent odor	Betonite from 0.6	2450
	S-2	4 - 6	70		to 3.4'	
5						>10000
					Sand pack from	
6					3.4' to 9' bgs.	3090
		6 - 8	70	Brown, Clayey SILT and Sand, wet.		
7				(Slight solvent odor)		340
8					2-inch diameter	3745
	S-3	8 - 9	50		probe hole	
9						
				Refusal at 9 feet bgs.		
10						
11						
12						
13						
14						
15						
16						
17						
18						

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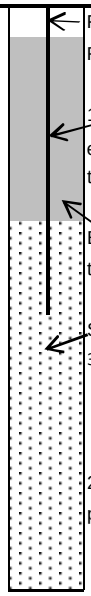
ROCK DRILLING METHOD	NA

DEPTH	Sample Number	DEPTH (FT)	RECOVERY (%)	SAMPLE DESCRIPTION	OVM (ppm)
				CONCRETE (8 Inches)	
1	S-1	0.8 - 2	75	FILL-Brown Clayey SILT, little Sand, little Gravel, moist.	124
2		2 - 4	75	Reddish Brown SILT & CLAY, trace Sand, trace Gravel, moist (Native).	550
3					442
4	S-2	4 - 6	90	(solvent odor)	71
5					204
6		6 - 8	90		70
7					80
8	S-3	8 - 9.5	30	Reddish Brown SILT, trace Sand, trace Gravel, moist. Grades to:... wet. (Black product)	2200 4121 990
9					9290
10				Refusal at 9.5 feet bgs.	
11					
12					
13					
14					
15					
16					
17					
18					



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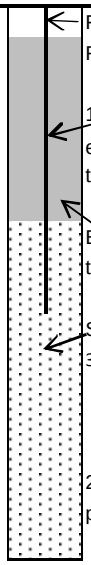
ROCK DRILLING METHOD	NA

DEPTH	Sample Number	DEPTH (FT)	RECOVERY (%)	SAMPLE DESCRIPTION	NOTES	OVM (ppm)
				CONCRETE (7 Inches)	Flush mount	
1	S-1	0.7 - 2	100	FILL-Brown SILT & CLAY, trace Sand, trace Gravel, moist.	Roadbox	890
						8800
2				Reddish Brown SILT & CLAY, trace Sand, trace	1/4 inch OD poly-	1200
		2 - 4	100	Gravel, moist (Native).	ethylene tubing	
3					to 4.9' bgs.	1526
4					Betonite from 0.7	1400
	S-2	4 - 6	100	(xylene odor)	to 3.5'	2100
5						2757
					Sand pack from	
6					3.5' to 9' bgs.	760
		6 - 8	100	Grades to:… little Sand, little Gravel, moist to		>10000
7				wet.		
						6750
8					2-inch diameter	>10000
	S-3	8 - 9	90	Reddish Brown SILT, little Sand, little Gravel, moist	probe hole	840
9				to wet.		241
				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.
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, In	BORING LOCATION	See Location Plan
DRILLER	Mark Janus	GROUND SURFACE ELEVATION	615.46 DATUM NGVD29
START DATE	12/30/2010 END DATE 12/30/2010	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 (8 Inches)	Flush mount	
1	S-1	0.7 - 2	90	FILL-Brown SILT & CLAY, trace Sand, trace Gravel, moist.	Roadbox	36
						42
2				Reddish Brown SILT & CLAY, trace Sand, trace		127
		2 - 4	90	Gravel, moist (Native).	1/4 inch OD poly-	206
3				Naphthalene odor.	ethylene tubing to 5' bgs.	
						555
4					Betonite from 0.8	87
	S-2	4 - 6	80		to 3.6'	238
5						78
					Sand pack from	96
6					3.6' to 7.9' bgs.	60
		6 - 7.9	80			137
7				Reddish Brown Clayey SILT, little Sand, little Gravel,	2-inch diameter	190
				moist to wet.		
8						
				Refusal at 7.9 feet bgs.		
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	12/30/2010 END DATE 12/30/2010	GZA GEOENVIRONMENTAL REPRESENTATIVE	C. Boron

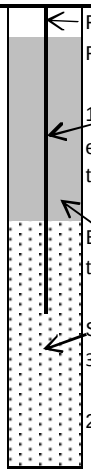
WATER LEVEL DATA

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	OVM (ppm)
				CONCRETE (8 Inches)	
1	S-1	0.7 - 2	90	FILL-Brown SILT & CLAY, trace Sand, trace Gravel, moist.	19
					14
2				Reddish Brown SILT & CLAY, trace Sand, trace	42
		2 - 4	90	Gravel, moist (Native).	37
3					83
					49
4					38
	S-2	4 - 6	100		
5					51
				Reddish Brown Clayey SILT, little Sand, little Gravel,	125
6				moist to wet.	
		6 - 7.5	100		104
7					
					63
8				Refusal at 7.5 feet bgs.	
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					

NOTES



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	615.83 DATUM NGVD29
START DATE	12/30/2010 END DATE 12/30/2010	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 INFORMATION			SAMPLE DESCRIPTION	NOTES	OVM (ppm)
	Sample Number	DEPTH (FT)	RECOVERY (%)			
	S-1	0 - 2	70	TOPSOIL		
1				Dark Brown GRAVEL and Sand, little Silt, moist.		0
				Grades to:... Brown.		
2				Reddish Brown SILT & CLAY, trace Sand, trace Gravel, moist		
		2 - 3	70	(Native).		0
3						
				End of probe at 3 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:
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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.

CONTRACTOR	Matrix Environmental Technologies, Inc.	BORING LOCATION	See Location Plan
DRILLER	Mark Janus	GROUND SURFACE ELEVATION	613.45 DATUM NGVD29
START DATE	12/30/2010 END DATE 12/30/2010	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 INFORMATION			SAMPLE DESCRIPTION	NOTES	OVM (ppm)
	Sample Number	DEPTH (FT)	RECOVERY (%)			
	S-1	0 - 2	70	TOPSOIL		
1				Reddish Brown SILT & CLAY, trace Sand, trace Gravel, moist.		0
				(Native).		
2						
		2 - 3	70	Grades to:… some Sand, moist to wet.		0
3						
				End of probe at 3 feet bgs.		
4						
5						
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8						
9						
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12						
13						
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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	613.38 DATUM NGVD29
START DATE	12/30/2010 END DATE 12/30/2010	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 INFORMATION			SAMPLE DESCRIPTION	NOTES	OVM (ppm)
	Sample Number	DEPTH (FT)	RECOVERY (%)			
	S-1	0 - 2	50	Brown SAND and Gravel, trace Silt, wet.		
1				Reddish Brown SILT & CLAY, trace Sand, moist to wet.		0
				(Native)		
2				Reddish Brown Clayey SILT, little Sand, little Gravel, wet.		
		2 - 3	50			0
3						
				End of probe at 3 feet bgs.		
4						
5						
6						
7						
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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	614.15 DATUM NGVD29
START DATE	12/30/2010 END DATE 12/30/2010	GZA GEOENVIRONMENTAL REPRESENTATIVI	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	75	TOPSOIL		
1				Brown SAND and Gravel, moist to wet.		0
2				Reddish Brown SILT & CLAY, trace Sand, moist (Native).		
		2 - 3	75			0
3				End of probe at 3 feet bgs.		
4						
5						
6						
7						
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10						
11						
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13						
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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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GZA GeoEnvironmental of NY
535 Washington Street
Buffalo, New York
ENGINEERS AND SCIENTISTS

GM Components Holdings, LLC
Building 10 BCP Site
GMCH Lockport Facility

BORING No. MW-10-2
SHEET 1 OF 2
FILE No. 21.0056546.00
CHECKED BY: CZB

CONTRACTOR	Matrix/Earth Dimensions, Inc.	BORING LOCATION	See Location Plan
DRILLER	Mark Janus/Andy Morris	GROUND SURFACE ELEVATION	611.26 DATUM NGVD29
START DATE	12/30/2010 END DATE 1/12/2011	GZA GEOENVIRONMENTAL REPRESENTATIVE	C. Boron/J. Davide

WATER LEVEL DATA				
DATE	TIME	WATER	CASING	NOTES
5/2/2011		2.61	2"	

TYPE OF DRILL RIG	Track mounted probe rig and Diedrich D-120
CASING SIZE AND DIAMETER	4" BIP
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		50	ASPHALT and Subbase		Top of Riser Elev. = 610.96 feet.	0
1						FILL-Gray GRAVEL and Sand,		Concrete and Road box.	
						trace Silt, moist.			
2								Cement/bentonite grout	
			2 - 4		50			from 1 to 4.8 feet.	0
3									
								4" steel casing to 7 feet.	
4						Grades to:… little Sand, wet.			
		S-2	4 - 5		50			10" Nominal diameter	0
5								borehole to 5 feet.	
						Auger Refusal at 5 feet bgs.			
6								Bentonite Pellets	
								from 4.8 to 7.8 feet.	
7						Rollerbit to 7 feet bgs.			
		C-1	7.0 - 11.8	26	96	BEDROCK			
8						Lockport Dolomite Formation		2-inch PVC flush coupled	
						Gray, hard, very slight to		riser pipe to 9.8 feet.	
9						slight weathering, fine grained,			
						horizontal and low angle fractures.			
10								Nominal 3 3/4" diameter	
								rock hole 7 to 16.8 feet.	
11									
12									
		C-2	11,8 - 16.8	77	100			Sand pack from	
13								7.8 to 16.8 feet.	
14									
15								2-inch PVC Screen	
								SCH. 40, 10 slot,	
16								from 9.8 to 16.8 feet.	
17									
						End of boring at 16.8 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:
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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.

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

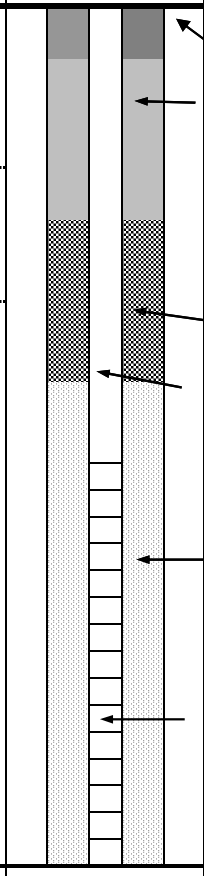
GM Components Holdings, LLC
Building 10 BCP Site
GMCH Lockport Facility

BORING No. MW-10-3
SHEET 2 OF 2
FILE No. 21.0056546.00
CHECKED BY: CZB

CONTRACTOR	Matrix/Earth Dimensions, Inc.	BORING LOCATION	See Location Plan
DRILLER	Mark Janus/Andy Morris	GROUND SURFACE ELEVATION	610.71 DATUM NGVD29
START DATE	12/30/2010 END DATE 1/12/2011	GZA GEOENVIRONMENTAL REPRESENTATIVE	C. Boron/J. Davide

WATER LEVEL DATA				
DATE	TIME	WATER	CASING	NOTES
5/2/2011		2.97	2"	

TYPE OF DRILL RIG	Track mounted probe rig and Diedrich D-120
CASING SIZE AND DIAMETER	4" BIP
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		70	Gray GRAVEL, little Sand, trace Silt, moist.		Top of Riser Elev. = 601.40 feet. Concrete and Road box.	0
1									
2								Cement/bentonite grout from 1 to 3.8 feet.	
			2 - 3.5		70	FILL-Brown SILT and CLAY, trace Sand, trace Gravel, moist.			0
3									
4						Reddish Brown SILT, little Sand, little Gravel, moist to wet (Native). Refusal at 3.5 feet bgs.		10" Nominal diameter borehole to 3.5 feet.	
5								4" steel casing to 5.5 feet.	0
						Rollerbit to 5.5 feet bgs.			
6		C-1	5.5 - 10.7	94	100	BEDROCK Lockport Dolomite Formation Gray, hard, very slight to slight weathering, fine grained, horizontal and low angle fractures.		Bentonite Pellets from 3.8 to 6.8 feet.	
7								2-inch PVC flush coupled riser pipe to 8.8 feet.	
8									
9								Nominal 3 3/4" diameter rock hole 5.5 to 15.8 feet.	
10									
								Sand pack from 6.8 to 15.8 feet.	
11		C-2	10.7 - 15.8	86	100				
12									
13									
14								2-inch PVC Screen SCH. 40, 10 slot, from 8.8 to 15.8 feet.	
15									
16									
						End of boring at 15.8 feet bgs.			
17									
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.
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GZA GeoEnvironmental of New York
364 Nagel Drive, Buffalo, New York

DELPHI THERMAL
BUILDING 10 Focused Environmental Assessment
Lockport, New York

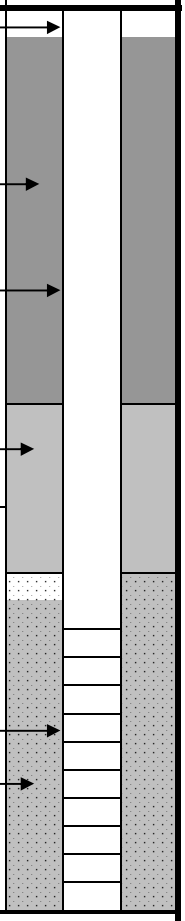
BORING No. Bldg 10 MW-1
SHEET 1 OF 1
FILE No. 21.0056340.00
CHECKED BY: CZB

CONTRACTOR	Earth Dimensions	BORING LOCATION	See Location Plan
DRILLER	Phil Benz	GROUND SURFACE ELEVATION	615.5 DATUM See Note 1.
START DATE: 7/12/07	END DATE: 7/12/07	GZA GEOENVIRONMENTAL REPRESENTATIVE	JMB

WATER LEVEL DATA				
DATE	TIME	WATER	CASING	NOTES
7/12/07	16:30	5.43		
7/18/2007	10:00	5.55		

TYPE OF DRILL RIG	Dietrich D-50
CASING SIZE AND DIAMETER	2 1/4 " HSA
OVERBURDEN SAMPLING METHOD	NA
ROCK DRILLING METHOD	HQ Core Barrel

DEPTH	SAMPLE BLOWS (/6")	NO.	DEPTH (FT)	N-VALUE /RQD %	REC. (%)	SAMPLE DESCRIPTION	NOTES
1						Continuously augered through overburden material to bedrock refusal at 8.8 feet bgs. See BLDG-10-SP-1 soil probe log for soil description.	Flush mount Roadbox
2							
3							Cement/Bentonite Grout
4							
5							2-inch diameter PVC riser
6							
7							
8							Bentonite Chips
9		C-1	8.8-13.8	64	92	Hard, very slightly weathered, aphanitic, medium grey, LOCKPORT DOLOSTONE, slightly to moderately fractured, secondary mineralization, styliolitic.	
10							
11							
12							
13							10-slot well screen
14		C-2	13.8-16	100	100		# 0 well sand
15							
16							Bottom of well 16' bgs
17							
18							



S - Split Spoon Sample
C - Rock Core Sample

NOTES: 1) Ground surface elevation data was provided by Delphi Thermal.
2) BGS= below ground surface.
3) NV= no value.

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.

CONTRACTOR	TREC Environmental Services	BORING LOCATION	See Location Plan
DRILLER	S. Stockmaster	GROUND SURFACE ELEVATION	DATUM
START DATE 7/10/2007	END DATE 7/10/2007	GZA GEOENVIRONMENTAL REPRESENTATIVE	JMB

WATER LEVEL DATA

DATE	TIME	WATER	CASING

TYPE OF DRILL RIG	Geoprobe 54 LT
CASING SIZE AND DIAMETER	2" diameter by 48" long
OVERBURDEN SAMPLING METHC	Direct push
ROCK DRILLING METHOD	NA

DEPTH	Sample Number	DEPTH (FT)	RECOVERY (%)	SAMPLE DESCRIPTION	NOTES	OVM (ppm)
	S-1	0 - 2	100	Concrete slab to 8" below ground surface (bgs).		140
1				Subbase stone to 1' bgs.		
				Reddish brown, Silty CLAY, trace Sand, trace Gravel, moist.		
2				(Fill)		
		2 - 4				300
3						
				Reddish brown, Silty CLAY, trace Sand, trace Gravel, moist.	Intermittent sandy lenses	
4					approx. 1/2" thick (3-4')	
	S-2	4 - 6	100	Reddish brown, Clayey SILT, trace Sand, trace Gravel, moist.		600
5						
6						
		6 - 8		Reddish brown, Silty CLAY, trace Sand, trace Gravel, moist.		450
7						
8					Cutting shoe lost at 8	
					feet bgs.	
9				End of soil probe at 8 feet bgs,		
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

S - Split Spoon Sample
C - Rock Core Sample

NOTES: Hnu PI-101 organic vapor meter was used to field screen and headspace soil samples. Meter was calibrated to the equivalent of 100 ppm benzene in air.

General Notes:
1) Stratification lines represent approximate boundary between soil types, transitions may be gradual.
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CONTRACTOR	TREC Environmental Services	BORING LOCATION	See Location Plan
DRILLER	S. Stockmaster	GROUND SURFACE ELEVATION	DATUM
START DATE 7/10/2007	END DATE 7/10/2007	GZA GEOENVIRONMENTAL REPRESENTATIVE	JMB

WATER LEVEL DATA

DATE	TIME	WATER	CASING

TYPE OF DRILL RIG	Geoprobe 54 LT
CASING SIZE AND DIAMETER	2" diameter by 48" long
OVERBURDEN SAMPLING METHC	Direct push
ROCK DRILLING METHOD	NA

DEPTH	SAMPLE INFORMATION: Sample Number	DEPTH (FT)	RECOVERY (%)	SAMPLE DESCRIPTION	NOTES	OVM (ppm)
	S-1	0 - 2	100	Concrete slab to 8" below ground surface (bgs).		225
1				Subbase stone to 1' bgs.		
				Reddish brown, Silty CLAY, trace Sand, trace Gravel, moist.		
2				(Fill)		
		2 - 4				200
3				Reddish brown, Silty CLAY, trace Sand, trace Gravel, moist.		
4						
	S-2	4 - 6	100			170
5						
				Reddish brown, Clayey SILT, trace Sand, trace Gravel, moist		
6				to wet.		
		6 - 8.4				40
7				Reddish brown, SILT, trace Sand, trace Gravel, wet.		
8						
9				Refusal at 8.4 feet bgs.		
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

S - Split Spoon Sample
C - Rock Core Sample

NOTES: Hnu PI-101 organic vapor meter was used to field screen and headspace soil samples. Meter was calibrated to the equivalent of 100 ppm benzene in air.

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CONTRACTOR	TREC Environmental Services	BORING LOCATION	See Location Plan
DRILLER	S. Stockmaster	GROUND SURFACE ELEVATION	DATUM
START DATE 7/10/2007	END DATE 7/10/2007	GZA GEOENVIRONMENTAL REPRESENTATIVE	JMB

WATER LEVEL DATA

DATE	TIME	WATER	CASING

TYPE OF DRILL RIG	Geoprobe 54 LT
CASING SIZE AND DIAMETER	2" diameter by 48" long
OVERBURDEN SAMPLING METHC	Direct push
ROCK DRILLING METHOD	NA

DEPTH	Sample Number	DEPTH (FT)	RECOVERY (%)	SAMPLE DESCRIPTION	NOTES	OVM (ppm)
	S-1	0 - 2	100	Concrete slab to 11" below ground surface (bgs).		500
1				Subbase stone to 1' bgs.		
				Reddish brown, Silty CLAY, trace Sand, trace Gravel, moist.		
2				(Fill)		
		2 - 4				1,000
3				Reddish brown, Silty CLAY, trace Sand, trace Gravel, moist.		
4						
	S-2	4 - 6	100			425
5						
				Grades to:..some Sand.		
6						
		6 - 8.2		Reddish brown, Clayey SILT, trace Sand, trace Gravel, moist		225
7				to wet.		
				Reddish brown, Silty CLAY, trace Sand, trace Gravel, moist.		
8						
				Refusal at 8.2 feet bgs.		
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

S - Split Spoon Sample
C - Rock Core Sample

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CONTRACTOR	TREC Environmental Services	BORING LOCATION	See Location Plan
DRILLER	S. Stockmaster	GROUND SURFACE ELEVATION	DATUM
START DATE 7/10/2007	END DATE 7/10/2007	GZA GEOENVIRONMENTAL REPRESENTATIVE	JMB

WATER LEVEL DATA

DATE	TIME	WATER	CASING

TYPE OF DRILL RIG	Geoprobe 54 LT
CASING SIZE AND DIAMETER	2" diameter by 48" long
OVERBURDEN SAMPLING METHC	Direct push
ROCK DRILLING METHOD	NA

DEPTH	Sample Number	DEPTH (FT)	RECOVERY (%)	SAMPLE DESCRIPTION	NOTES	OVM (ppm)
	S-1	0 - 2	100	Concrete slab to 8" below ground surface (bgs).		90
1				Subbase stone to 1' bgs.		
				Reddish brown, Silty CLAY, trace Sand, trace Gravel, moist.		
2				(Fill)		
		2 - 4				150
3						
				Reddish brown, Silty CLAY, trace Sand, trace Gravel, moist.		
4						
	S-2	4 - 6	100	Reddish brown, Clayey SILT, trace Sand, trace Gravel, moist.		200
5						
				Reddish brown, Silty CLAY, some Sand, trace Gravel, moist to		
6				wet.		
		6 - 7.1				600
7				Grades to:..trace Sand, moist.		
				Refusal at 7.1 feet bgs.		
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

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DRILLER	S. Stockmaster	GROUND SURFACE ELEVATION	DATUM
START DATE 7/10/2007	END DATE 7/10/2007	GZA GEOENVIRONMENTAL REPRESENTATIVE	JMB

WATER LEVEL DATA

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TYPE OF DRILL RIG	Geoprobe 54 LT
CASING SIZE AND DIAMETER	2" diameter by 48" long
OVERBURDEN SAMPLING METHC	Direct push
ROCK DRILLING METHOD	NA

DEPTH	Sample Number	DEPTH (FT)	RECOVERY (%)	SAMPLE DESCRIPTION	NOTES	OVM (ppm)
	S-1	0 - 2	100	Concrete slab to 8" below ground surface (bgs).		25
1				Subbase stone to 1' bgs.		
				Reddish brown, Silty CLAY, trace Sand, trace Gravel, moist.		
2				(Fill)		18
		2 - 4				
3						
				Reddish brown, Silty CLAY, trace Sand, trace Gravel, moist.		
4						
	S-2	4 - 4.5	0			
5				Refusal at 4.5 feet bgs.		
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

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DRILLER	S. Stockmaster	GROUND SURFACE ELEVATION	DATUM
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WATER LEVEL DATA

DATE	TIME	WATER	CASING

TYPE OF DRILL RIG	Geoprobe 54 LT
CASING SIZE AND DIAMETER	2" diameter by 48" long
OVERBURDEN SAMPLING METHC	Direct push
ROCK DRILLING METHOD	NA

DEPTH	Sample Number	DEPTH (FT)	RECOVERY (%)	SAMPLE DESCRIPTION	NOTES	OVM (ppm)
	S-1	0 - 2	100	Concrete slab to 7" below ground surface (bgs).		30
1				Subbase stone to 1' bgs.		
				Reddish brown, Silty CLAY, trace Sand, trace Gravel, moist.		
2				(Fill)		
		2 - 4				11
3						
				Reddish brown, Silty CLAY, trace Sand, trace Gravel, moist.		
4						
	S-2	4 - 4.2	0	Refusal at 4.2 feet bgs.		
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

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DRILLER	S. Stockmaster	GROUND SURFACE ELEVATION	DATUM
START DATE 7/10/2007	END DATE 7/10/2007	GZA GEOENVIRONMENTAL REPRESENTATIVE	JMB

WATER LEVEL DATA

DATE	TIME	WATER	CASING

TYPE OF DRILL RIG	Geoprobe 54 LT
CASING SIZE AND DIAMETER	2" diameter by 48" long
OVERBURDEN SAMPLING METHC	Direct push
ROCK DRILLING METHOD	NA

DEPTH	Sample Number	DEPTH (FT)	RECOVERY (%)	SAMPLE DESCRIPTION	NOTES	OVM (ppm)
	S-1	0 - 2	100	Concrete slab to 8" below ground surface (bgs).		70
1				Subbase stone to 1' bgs.		
				Reddish brown, Silty CLAY, trace Sand, trace Gravel, moist.		
2				(Fill)		
		2 - 4				170
3				Reddish brown, Silty CLAY, trace Sand, trace Gravel, moist.		
4						
	S-2	4 - 6	100			450
5						
6				Grades to:..some Sand.		
		6 - 8.3				300
7						
8						
9				Refusal at 8.3 feet bgs.		
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

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WATER LEVEL DATA

DATE	TIME	WATER	CASING

TYPE OF DRILL RIG	Geoprobe 54 LT
CASING SIZE AND DIAMETER	2" diameter by 48" long
OVERBURDEN SAMPLING METHC	Direct push
ROCK DRILLING METHOD	NA

DEPTH	Sample Number	DEPTH (FT)	RECOVERY (%)	SAMPLE DESCRIPTION	NOTES	OVM (ppm)
	S-1	0 - 2	100	Concrete slab to 8" below ground surface (bgs).		50
1				Subbase stone to 1' bgs.		
				Reddish brown, Silty CLAY, trace Sand, trace Gravel, moist.		
2				(Fill)		
		2 - 4				14
3				Reddish brown, Silty CLAY, trace Sand, trace Gravel, moist.		
4						
	S-2	4 - 6	100			10
5						
6				Grades to:..some Sand.		
		6 - 8.2				4
7						
				Reddish brown, Clayey SILT, trace Sand, trace Gravel, wet.		
8						
				Refusal at 8.2 feet bgs.		
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

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DRILLER	S. Stockmaster	GROUND SURFACE ELEVATION	DATUM
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WATER LEVEL DATA

DATE	TIME	WATER	CASING

TYPE OF DRILL RIG	Geoprobe 54 LT
CASING SIZE AND DIAMETER	2" diameter by 48" long
OVERBURDEN SAMPLING METHC	Direct push
ROCK DRILLING METHOD	NA

DEPTH	SAMPLE INFORMATION: Sample Number	DEPTH (FT)	RECOVERY (%)	SAMPLE DESCRIPTION	NOTES	OVM (ppm)
	S-1	0 - 2	60	Concrete slab to 9" below ground surface (bgs).		20
1				Subbase stone to 1' bgs.		
				Reddish brown, Silty CLAY, trace Sand, trace Gravel, moist.		
2				(Fill)		
		2 - 4				40
3						
				Reddish brown, Silty CLAY, trace Sand, trace Gravel, moist.		
4						
	S-2	4 - 5.3	50			50
5						
6				Refusal at 5.3 feet bgs.		
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

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DRILLER	S. Stockmaster	GROUND SURFACE ELEVATION	DATUM
START DATE 7/10/2007	END DATE 7/10/2007	GZA GEOENVIRONMENTAL REPRESENTATIVE	JMB

WATER LEVEL DATA

DATE	TIME	WATER	CASING

TYPE OF DRILL RIG	Geoprobe 54 LT
CASING SIZE AND DIAMETER	2" diameter by 48" long
OVERBURDEN SAMPLING METHC	Direct push
ROCK DRILLING METHOD	NA

DEPTH	SAMPLE INFORMATION			SAMPLE DESCRIPTION	NOTES	OVM (ppm)
	Sample Number	DEPTH (FT)	RECOVERY (%)			
	S-1	0 - 2	50	Concrete slab to 8" below ground surface (bgs).		4
1				Subbase stone to 1' bgs.		
				Dark reddish brown, fine to coarse SAND, trace Gravel, moist.		
2				(Fill)		
		2 - 4				5
3						
4						
	S-2	4 - 6	50	Reddish brown, Clayey SILT, trace Sand, trace Gravel, moist.		8
5						
6						
		6-6.8				
7				Refusal at 6.8 feet bgs.		
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

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DRILLER	S. Stockmaster	GROUND SURFACE ELEVATION	DATUM
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WATER LEVEL DATA

DATE	TIME	WATER	CASING

TYPE OF DRILL RIG	Geoprobe 54 LT
CASING SIZE AND DIAMETER	2" diameter by 48" long
OVERBURDEN SAMPLING METHC	Direct push
ROCK DRILLING METHOD	NA

DEPTH	Sample Number	DEPTH (FT)	RECOVERY (%)	SAMPLE DESCRIPTION	NOTES	OVM (ppm)
	S-1	0 - 2	50	Concrete slab to 8" below ground surface (bgs).		2
1				Subbase stone to 1' bgs.		
				Dark reddish brown,fine to medium SAND, trace Gravel, moist.		
2				(Fill)		
		2 - 4				5
3						
4						
	S-2	4 - 6	80			3
5				Reddish brown, Silty CLAY, trace Sand, trace Gravel, moist.		
6				Reddish brown, Clayey SILT, trace Sand, trace Gravel, moist.		
		6 - 8.3				3
7						
8						
9				Refusal at 8.3 feet bgs.		
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

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WATER LEVEL DATA

DATE	TIME	WATER	CASING

TYPE OF DRILL RIG	Geoprobe 54 LT
CASING SIZE AND DIAMETER	2" diameter by 48" long
OVERBURDEN SAMPLING METHC	Direct push
ROCK DRILLING METHOD	NA

DEPTH	Sample Number	DEPTH (FT)	RECOVERY (%)	SAMPLE DESCRIPTION	NOTES	OVM (ppm)
	S-1	0 - 2	100	Concrete slab to 8" below ground surface (bgs).		6
1				Subbase stone to 1' bgs.		
				Reddish brown, Silty CLAY, trace Sand, trace Gravel, moist.		
2				(Fill)		
		2 - 4				10
3						
				Reddish brown, Silty CLAY, trace Sand, trace Gravel, moist.		
4						
	S-2	4 - 6	100			2
5						
				Grades to:..some Sand.		
6				Reddish brown, Clayey SILT, trace Sand, trace Gravel, moist.		
		6 - 8				4
7						
8						
				Refusal at 8.2 feet bgs.		
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

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CONTRACTOR	Matrix Environmental Tech.	BORING LOCATION	See Location Plan
DRILLER	Mark Janus	GROUND SURFACE ELEVATION	DATUM
START DATE 9/17/2007	END DATE 9/17/2007	GZA GEOENVIRONMENTAL REPRESENTATIVE	C. Boron

WATER LEVEL DATA

DATE	TIME	WATER	CASING

TYPE OF DRILL RIG	Geoprobe GH 42
CASING SIZE AND DIAMETER	2" diameter by 48" long
OVERBURDEN SAMPLING METHC	Direct push
ROCK DRILLING METHOD	NA

DEPTH	Sample Number	DEPTH (FT)	RECOVERY (%)	SAMPLE DESCRIPTION	NOTES	OVM (ppm)
	S-1	0 - 2	90	Concrete slab cored to ~8" below ground surface (bgs).		387
1				Brown Clayey SILT, trace Sand, trace Gravel, moist. (FILL)		
				Reddish brown SILT & CLAY, trace Sand, moist. (FILL)		
2		2 - 4	90			1186
				Reddish brown Clayey SILT, trace Sand, moist. (NATIVE)		
3						
				Grades to:…SILT & CLAY, w/ intermittent Sand and Silt seams.		
4	S-2	4 - 6	90			3385
5						
6		6 - 8	90	Grades to:…Clayey SILT, trace Sand, trace Gravel, moist to wet.		1115
7						
8	S-3	8 - 8.5	100	Grades to:…SILT, little Sand, little Gravel, wet.		564
9				End of soil probe at 8.5 feet bgs,		
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

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DRILLER	Mark Janus	GROUND SURFACE ELEVATION	DATUM
START DATE 9/17/2007	END DATE 9/17/2007	GZA GEOENVIRONMENTAL REPRESENTATIVE	C. Boron

WATER LEVEL DATA

DATE	TIME	WATER	CASING

TYPE OF DRILL RIG	Geoprobe GH 42
CASING SIZE AND DIAMETER	2" diameter by 48" long
OVERBURDEN SAMPLING METHC	Direct push
ROCK DRILLING METHOD	NA

DEPTH	SAMPLE INFORMATION: Sample Number	DEPTH (FT)	RECOVERY (%)	SAMPLE DESCRIPTION	NOTES	OVM (ppm)
	S-1	0 - 2	90	Concrete slab cored to ~8" below ground surface (bgs).		66
1						
				Red brown Silty CLAY, little Sand, little Gravel, moist. (FILL)		
2						
		2 - 4	90	Red brown SILT & CLAY, trace Sand, trace Gravel, moist.		2209
3				(NATIVE)		
4						
	S-2	4 - 6	90	Grades to:…Clayey SILT, with intermittant Sand and Silt seams.		1013
5						
6						
		6 - 8	90	Grades to:…little Sand, little Gravel, wet.		5875
7						
8						
				Refusal at 8 ft bgs.		
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

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DRILLER	Mark Janus	GROUND SURFACE ELEVATION	DATUM
START DATE 9/17/2007	END DATE 9/17/2007	GZA GEOENVIRONMENTAL REPRESENTATIVE	C. Boron

WATER LEVEL DATA

DATE	TIME	WATER	CASING

TYPE OF DRILL RIG	Geoprobe GH 42
CASING SIZE AND DIAMETER	2" diameter by 48" long
OVERBURDEN SAMPLING METHC	Direct push
ROCK DRILLING METHOD	NA

DEPTH	Sample Number	DEPTH (FT)	RECOVERY (%)	SAMPLE DESCRIPTION	NOTES	OVM (ppm)
	S-1	0 - 2	90	Concrete slab cored to ~8" below ground surface (bgs).		64
1						
				Red brown SILT & CLAY, little Sand, little Gravel, moist. (FILL)		
2				Grades to:…trace Sand.		
		2 - 4	90	Brown Clayey SILT, little Sand, trace Gravel, moist. (NATIVE)		210
3						
4				Grades to:…intermittent Silt seams.		
	S-2	4 - 6	100			333
5						
6						
		6 - 8	100	Grades to:…little Sand, little Gravel.		350
7						
8						
	S-3	8 - 9	100	Red brown SAND and Silt, wet.		380
9						
				End of soil probe at 9 feet bgs,		
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

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OVERBURDEN SAMPLING METHC	Direct push
ROCK DRILLING METHOD	NA

DEPTH	Sample Number	DEPTH (FT)	RECOVERY (%)	SAMPLE DESCRIPTION	NOTES	OVM (ppm)
	S-1	0 - 2	90	Concrete slab cored to ~8" below ground surface (bgs).		53
1				Red brown SILT & CLAY, trace Sand, trace Gravel, moist.		
				(FILL)		
2						
		2 - 4	90			124
3						
				Red brown Clayey SILT with intermittent Silt seams, moist.		
4				(NATIVE)		
	S-2	4 - 6	90			105
5				Grades to:... SILT & CLAY, trace Sand, trace Gravel.		
6						
		6 - 8	90	Grades to:…Clayey SILT, little Sand, little Gravel, moist to wet.		154
7						
8						
9				Refusal at 8 feet bgs,		
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

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WATER LEVEL DATA

DATE	TIME	WATER	CASING

TYPE OF DRILL RIG	Geoprobe GH 42
CASING SIZE AND DIAMETER	2" diameter by 48" long
OVERBURDEN SAMPLING METHC	Direct push
ROCK DRILLING METHOD	NA

DEPTH	Sample Number	DEPTH (FT)	RECOVERY (%)	SAMPLE DESCRIPTION	NOTES	OVM (ppm)
	S-1	0 - 2	95	Concrete slab cored to ~8" below ground surface (bgs).		6
1						
				Red brown SILT & CLAY, trace Sand, trace Gravel, moist. (FILL)		
2						
		2 - 4	95			27
3				Red brown Clayey SILT, trace Sand, trace Gravel, moist.		
				(NATIVE)		
4				Grades to:…SILT & CLAY.		
	S-2	4 - 6	80	Grades to:…intermittent Silt seams.		11
5						
				Grades to:…Clayey SILT, moist to wet.		
6						
		6 - 8	80			6
7				Grades to:…SILT, little Sand.		
8						
				End of soil probe at 8 feet bgs,		
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

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START DATE 9/17/2007	END DATE 9/17/2007	GZA GEOENVIRONMENTAL REPRESENTATIVE	C. Boron

WATER LEVEL DATA

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TYPE OF DRILL RIG	Geoprobe GH 42
CASING SIZE AND DIAMETER	2" diameter by 48" long
OVERBURDEN SAMPLING METHC	Direct push
ROCK DRILLING METHOD	NA

DEPTH	Sample Number	DEPTH (FT)	RECOVERY (%)	SAMPLE DESCRIPTION	NOTES	OVM (ppm)
	S-1	0 - 2	90	Concrete slab cored to ~8" below ground surface (bgs).		38
1						
				Red brown SILT & CLAY, trace Sand, trace Gravel, moist.		
2				(FILL)		
		2 - 4	90	Red brown Clayey SILT, trace Sand, trace Gravel, moist.		32
3				(NATIVE)		
4						
	S-2	4 - 6	90			38
5				Grades to:…little Sand, moist to wet.		
6						
		6 - 8	90	Grades to:…trace Sand.		88
7						
8				Grades to:...SILT, little Gravel, moist.		
	S-3	8 - 8.5	100	Bedrock		270
9				Refusal at 8.5 feet bgs,		
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

S - Split Spoon Sample
C - Rock Core Sample

NOTES: Hnu PI-101 organic vapor meter was used to field screen and headspace soil samples. Meter was calibrated to the equivalent of 100 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	Matrix Environmental Tech.	BORING LOCATION	See Location Plan
DRILLER	Mark Janus	GROUND SURFACE ELEVATION	DATUM
START DATE 9/17/2007	END DATE 9/17/2007	GZA GEOENVIRONMENTAL REPRESENTATIVE	C. Boron

WATER LEVEL DATA

DATE	TIME	WATER	CASING

TYPE OF DRILL RIG	Geoprobe GH 42
CASING SIZE AND DIAMETER	2" diameter by 48" long
OVERBURDEN SAMPLING METHC	Direct push
ROCK DRILLING METHOD	NA

DEPTH	SAMPLE INFORMATION: Sample Number	DEPTH (FT)	RECOVERY (%)	SAMPLE DESCRIPTION	NOTES	OVM (ppm)
	S-1	0 - 2	80	Concrete slab cored to ~8" below ground surface (bgs).		21
1				Brown SILT & CLAY, trace Sand, trace Gravel, moist. (FILL)		
2				Red brown SILT & CLAY, trace Sand, moist. (NATIVE)		
		2 - 4	80			30
3						
4						
	S-2	4 - 6	70			126
5						
6						
				Refusal at 6.1 feet bgs.		
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

S - Split Spoon Sample
C - Rock Core Sample

NOTES: Hnu PI-101 organic vapor meter was used to field screen and headspace soil samples. Meter was calibrated to the equivalent of 100 ppm benzene in air.

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CONTRACTOR	Matrix Environmental Tech.	BORING LOCATION	See Location Plan
DRILLER	Mark Janus	GROUND SURFACE ELEVATION	DATUM
START DATE 9/17/2007	END DATE 9/17/2007	GZA GEOENVIRONMENTAL REPRESENTATIVE	C. Boron

WATER LEVEL DATA

DATE	TIME	WATER	CASING

TYPE OF DRILL RIG	Geoprobe GH 42
CASING SIZE AND DIAMETER	2" diameter by 48" long
OVERBURDEN SAMPLING METHC	Direct push
ROCK DRILLING METHOD	NA

DEPTH	Sample Number	DEPTH (FT)	RECOVERY (%)	SAMPLE DESCRIPTION	NOTES	OVM (ppm)
	S-1	0 - 2	75	Concrete slab cored to ~8" below ground surface (bgs).		891
1				Red brown SILT & CLAY, little Sand, little Gravel, moist. (FILL)		
2						
		2 - 4	75	Red brown SILT & CLAY, trace Sand, moist. (NATIVE)		>10000
3						
4						
	S-2	4 - 6	80	Grades to:...Clayey SILT, trace Sand, moist.		>10000
5						
6						
		6 - 8	80			1540
7				(slight increase in moisture content)		
				Gray/tan SILT, moist.		
8				Bedrock		
				End of soil probe at 8 feet bgs,		
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

S - Split Spoon Sample
C - Rock Core Sample

NOTES: Hnu PI-101 organic vapor meter was used to field screen and headspace soil samples. Meter was calibrated to the equivalent of 100 ppm benzene in air.

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CONTRACTOR	Matrix Environmental Tech.	BORING LOCATION	See Location Plan
DRILLER	Mark Janus	GROUND SURFACE ELEVATION	DATUM
START DATE 9/17/2007	END DATE 9/17/2007	GZA GEOENVIRONMENTAL REPRESENTATIVE	C. Boron

WATER LEVEL DATA

DATE	TIME	WATER	CASING

TYPE OF DRILL RIG	Geoprobe GH 42
CASING SIZE AND DIAMETER	2" diameter by 48" long
OVERBURDEN SAMPLING METHC	Direct push
ROCK DRILLING METHOD	NA

DEPTH	Sample Number	DEPTH (FT)	RECOVERY (%)	SAMPLE DESCRIPTION	NOTES	OVM (ppm)
	S-1	0 - 2	35	Concrete ~8" below ground surface (bgs).		51
1						
				Dark brown SAND, little Silt, moist. (FILL)		
2						
		2 - 4	35			18
3						
4						
	S-2	4 - 6	40			14
5						
				Grades to:…wet.		
6						
		6 - 8	40			28
7						
				Brown Clayey SILT, little Sand, little Gravel, wet. (NATIVE)		
8						
	S-3	8 - 9	90			9
9						
				Refusal at 9 feet bgs,		
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

S - Split Spoon Sample
C - Rock Core Sample

NOTES: Hnu PI-101 organic vapor meter was used to field screen and headspace soil samples. Meter was calibrated to the equivalent of 100 ppm benzene in air.

General Notes:
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ERM

5788 Widewaters Parkway, Dewitt, New York 13214

Boring Number 10-107-A

BORING LOG

Project Name & Location	Project Number	Date & Time Started: 10/10/06 0935
Delphi	0015607	Date & Time Completed: 10/10/06 1010
Drilling Company	Foreman	Sampler(s) / Sampler Hammer / Drop
Tree	Steve Stockmaster	VV
Drilling Equipment	Method	Elevation & Datum / Completion Depth / Rock Depth
Geo Probe	Direct Push	8'
Bit Size(s)	Core Barrel(s)	Geologist(s)
2"		WH

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	LOCATION:				SURFACE DESCRIPTION: Concrete	
0		4'	2586		FILL medium brown silty clay	odor
1						
2			7507		light/medium brown silty clay	
3						
4		4'	2790		silty clay, brown, (30, 10, 60)	
5					silty clay, light brown (5, 30, 65) 9' 11'	
6					silty clay, med. brown, (5, 10, 85)	~~wet~~ moist
7			3116			
8						
9						
10						

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

rev. 10/99

ERM

5788 Widewaters Parkway, Dewitt, New York 13214

Boring Number 10-107-B

ERM

BORING LOG

Project Name & Location	Project Number	Date & Time Started: 10/10/06 0850
Delphi - Lockport	0056607	Date & Time Completed: 10/10/06 0910
Drilling Company: Trec	Foreman: Steve Stackmaster	Sampler(s): WU / Sampler Hammer / Drop
Drilling Equipment: Geo Probe	Method: Direct Push	Elevation & Datum / Completion Depth: 9' / Rock Depth
Bit Size(s): 2"	Core Barrel(s)	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	1446		fill medium brown, silty clay	Odor present throught core
1						
2			4434			
3					light brown, silty clay	
4		4	4533		light brown, silty clay, medium sand	>slightly moist
5					some small gravel	
6					medium brown, silty clay, trace sand, large gravel	
			1822			
7					medium brown, silty sand + gravel	Saturated
8						
9		1.0	1508		medium brown, silty sand + gravel .5" in diameter	saturated Refusal
10						

Page 1 of 1 Signature: Date: 10/10/06

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						Cement and bent. grout	
	5	S-3	4 - 6	6	30		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					SAMPLE DESCRIPTION	EQUIPMENT DESCRIPTION		OVM (ppm)
	BLOWS (/6")	NO.	DEPTH (FT)	N-VALUE /RQD %	RECOVERY (%)				
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:
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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								

Note: See notes on Page 2

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.
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General Notes:
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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

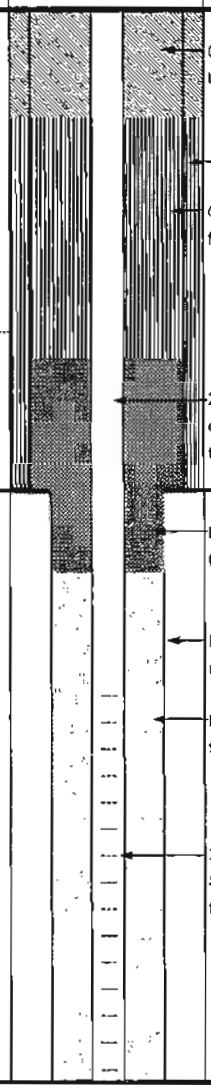
CONTRACTOR	Earth Dimensions, Inc	BORING LOCATION	See Location Plan
DRILLER	S. Gingrich	GROUND SURFACE ELEVATION	611.9 DATUM NGVD
START DATE	8/31/1995 END DATE 9/4/1995	GZA GEOENVIRONMENTAL REPRESENTATIVE	G. Klawinski

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	OVM
	7					Hard, brown, SILT & CLAY,	
1	16	S-1	0 - 2	39	75	little f/c Sand, damp.	ND
	23						
2	26						
	5	S-2	2 - 4	19	75	..grades to Stiff, CLAY & SILT	ND
3	10						
	9						
4	11						
	22	S-3	4 - 4.6	NA	100	...rock fragments in split spoon	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						
8	26						
	20	S-5	8 - 8.8	NA	20	.. grades with intermixed rock frags.	50
9	100/0.3					Auger refusal at 8.9 feet	
10		C-1	8.8 - 13.8	88	92	BEDROCK	
						LOCKPORT DOLOMITE FORMATION	
11						Gray, hard,very slight to	
						moderate weathering, fine	
12						grained horizontal and low angle	
						fractures	
13							
14							
		C-2	13.8 - 19.0	100	100		
15							
16							
17							
18							
19							
		C-3	19.0 - 22.5	100	100		
20							

EQUIPMENT DESCRIPTION



- Concrete surface seal to 2.0 ft
- 4" steel casing to 8.9 feet
- Cement and bent. grout from 2 to 8.9 feet.
- 2 inch PVC flush coupled riser pipe to 12.7 feet
- Bentonite Pellets from 6.5 to 10.5 ft.
- Nominal 3.75" diameter rock hole to 27.7 feet
- Morie Sand #N00 from 10.5 to 27.7 feet
- 2 inch PVC Screen SCH 40, 10 slot, from 12.7 to 27.7 feet.

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:
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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								
2							Concrete surface seal to 2.0 ft	
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								
12							Nominal 7-7/8" diameter hole from 9.1' to 14.5'	
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 (ppm)
	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

GZA GEOENVIRONMENTAL OF NEW YORK

Delphi Harrison Thermal Systems
Focused Remedial Investigation
West Lockport Complex
Lockport, NY

BORING No. MW-3D
SHEET 3 OF 3
FILE No 55039.2
CHECKED BY SHB

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:
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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.

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")	SAMPLE NO	SAMPLE 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)
	3	S-1	0 - 2	14	75	Dark brown TOPSOIL (0.0'-0.5')		Top of Riser Elev.= 611.21'	0
1	7					Stiff, brown, CLAY & SILT, trace			
	7					fine to coarse Sand, moist		Concrete surface seal to 2.0 ft	
2	6								
	5	S-2	2 - 4	9	80			4 " Steel Casing to 5.3 feet	0
3	4					..Grades wet @ 3.0'			
	5							Cement/bentonite grout from 2 to 5.3 feet	
4	54								
	30	S-3	4 - 4.7	100/0.2'	90	Fractured rock fragments from		10" Nominal diameter	
5	100/0.2'					4.5' to 4.7'		borehole to 5.3'	
		C-1	5.3 - 10.3	60	100	Auger refusal @ 5.3'			
6						Clay seam from 5.9' to 6.0'		Bentonite Pellets from 4.0 to 7.0 ft.	
7						BEDROCK			
						LOCKPORT DOLOMITE FORMATION		2 inch PVC flush	
8						Gray, hard,very slight to		coupled riser pipe	
						moderate weathering, fine		to 8.9 feet.	
9						grained, horizontal and low angle			
						fractures.		Sidley Sand #1240	
10								from 7 to 13.9 feet	
		C-2	10.3 - 13.9	95	96				
11								Nominal 3.75" diameter	
								rock hole 5.3 to 13.9	
12								feet	
13								2 inch PVC Screen	
								SCH. 40, 10 slot,	
14								from 8.9 to 13.9 feet.	
						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

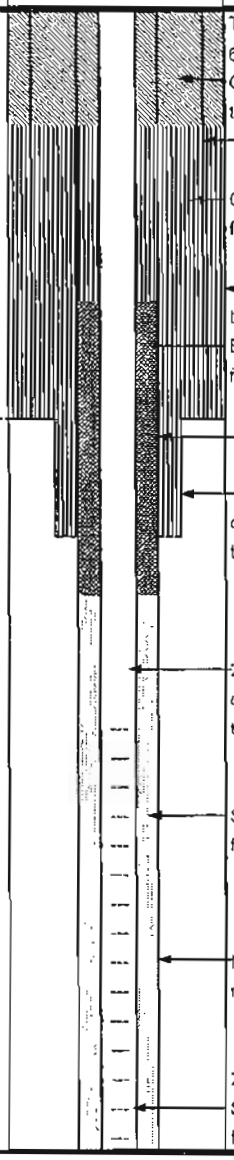
BORING No. MW-7
SHEET 1 OF 2
FILE No. 55039.2
CHECKED BY SHB

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

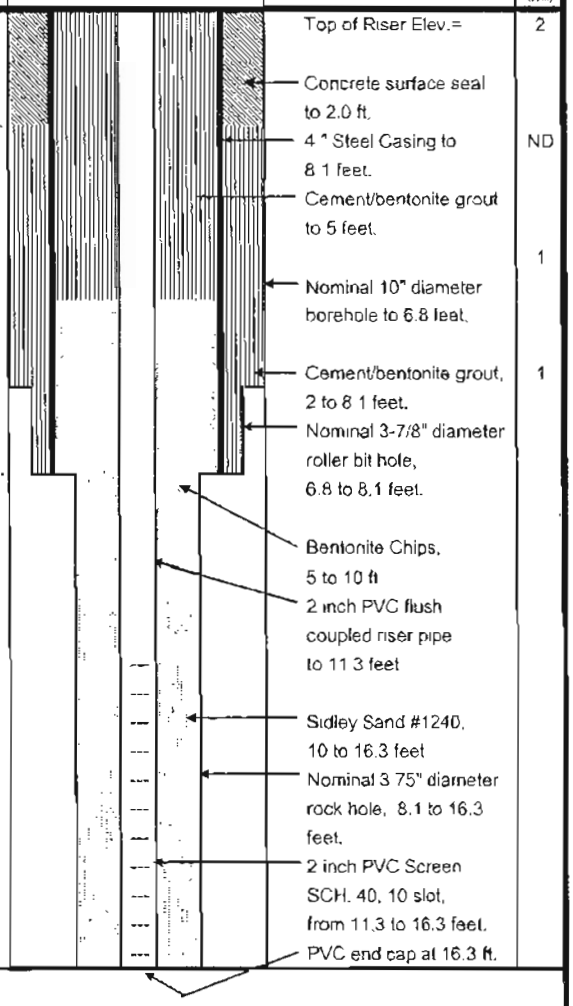
BORING No. MW-8
SHEET 1 OF 1
FILE No 55039.2
CHECKED BY SHB

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	



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

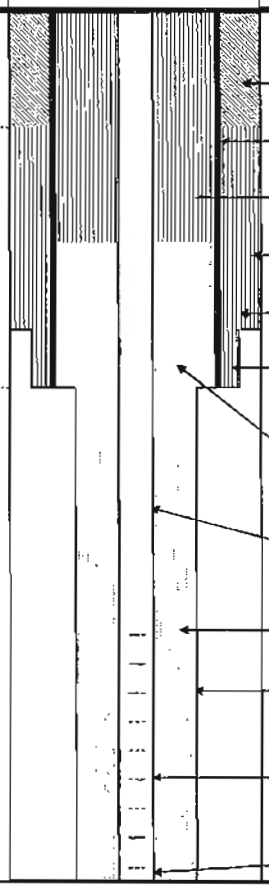
BORING No MW-9
SHEET 1 OF 1
FILE No. 55039.2
CHECKED BY SHB

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, some f-m Sand, moist to wet		4 " Steel Casing to 6.3 feet	ND
	3								
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 @ 5.6', Roller bit to 6.3'			
7		C-1	6 5 - 11.5	70.4	91.0			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

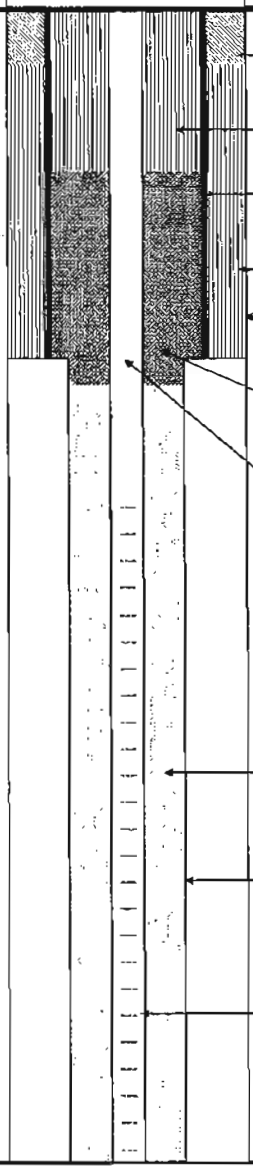
General Notes:
1) Stratification lines represent approximate boundary between soil types; transitions may be gradual.
2) Water level readings have been made at times and under conditions stated; fluctuations of groundwater may occur due to other factors than those present at the time measurements were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

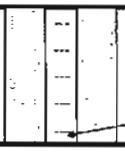
WATER LEVEL DATA				
DATE	TIME	WATER	CASING	NOTES
8/14/1997	3:50	4.8'	none	after C-2
8/15/1997	7:20	5.3'	none	prior to
				drilling

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)	SAMPLE N-VALUE /RQD %	SAMPLE 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 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

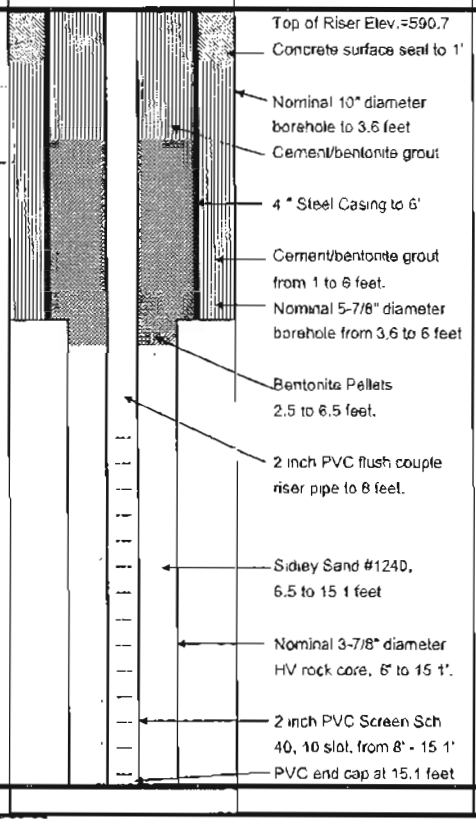
BORING No MW-12
SHEET 1 OF 1
FILE No 55039.2
CHECKED BY GJK

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")	NO	DEPTH (FT)	N-VALUE /ROD %	RECOVERY (%)	SAMPLE DESCRIPTION	OVM (ppm)
1	4	S-1T	0 - 2	48	80	Dark and light brown, hard SILT & CLAY, little f-m Sand, damp, root fragments (TOPSOIL).	ND
	13						
2	35						
	50	S-1B				Light brown, hard Clayey SILT, little f-c Sand, little f-c Gravel, damp. Rock fragments at 2.1 feet	
3	100/1"	S-2	2 - 2.1	>100	100	Spoon refusal at 2.1 feet. Auger refusal at 3.6 feet Roller bit from 3.6 to 6 feet	ND
4							
5							
6						BEDROCK LOCKPORT DOLOMITE FORMATION	
		C-1	6 - 11	54	96	Gray, hard, very slight to moderate weathering, fine grained, horizontal to low angle fractures.	
7							
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	
7						slight weathering, fine grained, horizontal and low angle fractures.		2-inch PVC flush coupled riser pipe to 8 feet	
8									
9									
10								Nominal 3.75" diameter 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,	
13								from 8.0 to 15.0 feet	
14								Sand pack from	
15								7.0 to 15.0 feet.	
						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			
	20					Gravel, moist		Cement/bentonite grout	
2	100/2					Gray Fractured Bedrock, little		from 0 to 4.5 feet.	
						Sand, little Silt, moist		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									
								Sand pack from	
14								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: GMC+ Lockport
Location: Lockport NY
Project No: 31795

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 Controller Flow Rate (ml/min)	Purging Purge Rate	Purging Purge Volume	Vacuum Test PASS	Vacuum Test FAIL	Leak Tracer Test Length (min)	Leak Tracer Test % of Helm Reading	Start Time	End Time
10-VI-2IA -	011811-0803	Bldg 10	1/18/11	TA	3269N	6L	Summa	-30	-3	K138				X		N	A	803	1656
10-VI-2IA -	011911-0301				1372			-29	-1.5	K184				X		N	A	301	1700
10-VI-OUT-	011911-0312				1399			-29.5	-5.5	K139				X		N	A	310	1650
10-VI-DUP	011911-300				1320N			-30	-3.5	K159				X		N	A	300	1700
10-VI-2IA -	012011-0737		1/20/11		6674			-15	-5.5	K275				X		N	A	737	1536
10-VI-2IA -	012011-0735		1/20/11		12737			-29.5	-5	K493				X		N	A	735	1538

Climate

Date	Time	Temp (°F) Indoor	Temp (°F) Outdoor	Humidity	Wind (mph)	Press (in.)	Precip (in.)

Notes

NA - not applicable. No subsurface soil samples were collected.

APPENDIX F

Quality Assessment and Validation Reports

CONESTOGA-ROVERS & ASSOCIATES

2055 Niagara Falls Blvd., Suite #3
Niagara Falls, New York 14304
Telephone: (716) 297-6150 Fax: (716) 297-2265
www.CRAworld.com

MEMORANDUM

TO: Denis Conley [dconley@haleyaldrich.com]

REF. NO.: 058507-256005

FROM: Kathleen Willy/adh/37

DATE: July 7, 2011

E-Mail and Hard Copy if Requested

RE: Data Quality Assessment and Validation
BCP Investigations, Building 10 Groundwater
GM-Lockport
Lockport, New York
April 2011

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 10 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, New York, 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.

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 volatile organic compound (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 indicating laboratory contamination was not an issue.

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.

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 is 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 and semi-volatile organic compound (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 IS 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 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 without qualification.

TABLE 1

SAMPLE COLLECTION AND ANALYSIS SUMMARY
BCP INVESTIGATIONS, BUILDING 10 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*
DUP-042911-001	MW-10-3	4/29/2011	11:00:00 AM	X	Field duplicate of sample MW-10-3-042911-1100
MW-9-101-A-042911-0900	MW-9-101-A	4/29/2011	9:00:00 AM	X	
MW-10-3-042911-1100	MW-10-3	4/29/2011	11:00:00 AM	X	
MW-10-2-042911-1400	MW-10-2	4/29/2011	2:00:00 PM	X	MS/MSD
BLDG-10-MW-1-042911-1640	Bldg 10	4/29/2011	4:40:00 PM	X	
BLDG-10-RINSE-042911-1600	Rinse Blank	4/29/2011	4:00:00 PM	X	Rinse Blank
Trip Blank	-	4/29/2011	-	X	Trip Blank

Notes:
MS/MSD Matrix spike/matrix spike duplicate.
VOCs Volatile Organic Compounds.

TABLE 2

SUMMARY OF ANALYTICAL METHODS
BCP INVESTIGATIONS, BUILDING 10 GROUNDWATER
GM-LOCKPORT
LOCKPORT, NEW YORK
APRIL 2011

Parameter	*Method* [1]
Volatile Organic Compounds	SW-846 8260B

Notes:

[1] "Test Methods for Solid Waste/Physical Chemical Methods," SW-846, 3rd Edition, September 1986 (with all subsequent revisions).

TABLE 3

ANALYTICAL RESULTS SUMMARY
BCP INVESTIGATIONS, BUILDING 10 GROUNDWATER
GM-LOCKPORT, NEW YORK
APRIL 2011

Location ID:		*Bldg10*	*MW-9-101-A*	*MW-10-2*	*MW-10-3*	*MW-10-3*
Sample Name:		*BLDG-10-MW-1-042911-1640*	*MW-9-101-A-042911-0900*	*MW-10-2-042911-1400*	*DUP-042911-001*	*MW-10-3-042911-1100*
Sample Date:		*4/29/2011*	*4/29/2011*	*4/29/2011*	*4/29/2011 (Duplicate)*	*4/29/2011*
Volatile Organic Compounds	*Units*					
cis-1,2-Dichloroethene	µg/L	2000 U	4.0 U	1100	11	11
Tetrachloroethene	µg/L	120000	4.0 U	1100	13	13
trans-1,2-Dichloroethene	µg/L	16	4.0 U	10	1.0 U	1.0 U
Trichloroethene	µg/L	2800	4.0 U	1200	6.0	5.8
Vinyl chloride	µg/L	100	4.0 U	66	1.0 U	1.0 U

Notes:
U = Not detected.

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MEMORANDUM

TO: Denis Conley

REF. NO.: 058507-256005

FROM: Kathleen Willy/adh/25 KW

DATE: February 14, 2011
E-Mail and Hard Copy if Requested

RE: **Data Quality Assessment and Validation**
BCP Investigations, Building 10 Soils
GM-Lockport
Lockport, New York
December 2010

The following details a quality assessment and validation of the analytical data resulting from the December 2010 collection of soil samples from the GM Lockport Plant in Lockport, New York, in support of the BCP Investigations, Building 10. 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, Pennsylvania, 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.

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 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 VOCs and metals 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 is 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 twenty investigative samples is analyzed at a five-fold dilution. For samples with sufficient analyte concentrations, thé 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 sample results 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 samples identified in Table 1 were 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 for water or two times for soil/sediment.

A comparison of the results showed good analytical and sampling 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 10 SOILS
GM-LOCKPORT
LOCKPORT, NEW YORK
DECEMBER 2010

						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*
10-SB3-122910-0950	10-SB-3	12/29/2010	9:50	4	6	X	X	X	X	
DUP-122910-0001	10-SB-3	12/29/2010	9:50	4	6	X	X	X	X	Field duplicate of sample 10-SB3-122910-0950
10-SB5-122910-0950	10-SB-5	12/29/2010	11:00	4	7.5	X	X	X	X	MS/MSD
10-SB8-122910-1130	10-SB-8	12/29/2010	11:30	8	10	X	X	X	X	
EB-122910-0002	QA/QC	12/29/2010	12:00	-	-	X	X	X	X	Equipment Blank
10-SB10-122910-1325	10-SB-10	12/29/2010	13:25	7	9	X	X	X	X	
10-SB12-123010-0830	10-SB-12	12/30/2010	8:30	4	6	X				
10-SB14-123010-0900	10-SB-14	12/30/2010	9:00	6	8	X				
10-SB15-123010-0940	10-SB-15	12/30/2010	9:40	6	8	X				
10-SB11-123010-1040	10-SB-11	12/30/2010	10:40	2	4	X				
10-SB17-123010-1100	10-SB-17	12/30/2010	11:00	4	6	X				
10-SB16-123010-1125	10-SB-16	12/30/2010	11:25	2	4	X				
10-SB19-123010-1400	10-SB-19	12/30/2010	14:00	0	2				X	
10-SB20-123010-1410	10-SB-20	12/30/2010	14:10	0	2				X	
10-SB18-123010-1420	10-SB-18	12/30/2010	14:20	0	2				X	
10-SB21-123010-1430	10-SB-21	12/30/2010	14:30	0	2				X	
MW102-123010-1450	MW-10-2	12/30/2010	14:50	2	4	X				
MW103-123010-1510	MW-10-3	12/30/2010	15:00	2	3.5	X				

Notes:
VOCs Volatile Organic Compounds.
SVOCs Semi-volatile Organic Compounds.
PCBs Polychlorinated Biphenyls.
MS/MSD Matrix spike/matrix spike duplicate.

TABLE 2

SUMMARY OF ANALYTICAL METHODS
BCP INVESTIGATIONS, BUILDING 10 SOILS
GM-LOCKPORT
LOCKPORT, NEW YORK
DECEMBER 2010

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 Semi-volatile Organic Compounds.

PCBs Polychlorinated Biphenyls.

TABLE 3

ANALYTICAL RESULTS SUMMARY
BCP INVESTIGATIONS, BUILDING 10 SOILS
GM-LOCKPORT
LOCKPORT, NEW YORK
DECEMBER 2010

Sample Location:		*10-SB-3*	*10-SB-3*	*10-SB-5*	*10-SB-8*	*10-SB-10*	*10-SB-11*
Sample ID:		*10-SB3-122910-0950*	*DUP-122910-0001*	*10-SB5-122910-1100*	*10-SB8-122910-1130*	*10-SB10-122910-1325*	*10-SB11-123010-1040*
Sample Date:		*12/29/2010*	*12/29/2010 (Duplicate)*	*12/29/2010*	*12/29/2010*	*12/29/2010*	*12/30/2010*
Parameters:	*Units*						
Volatile Organic Compounds							
1,1,1-Trichloroethane	µg/kg	5.8 U	5.8 U	5.5 U	5.8 U	5.7 U	1700 U
1,1,2,2-Tetrachloroethane	µg/kg	5.8 U	5.8 U	5.5 U	5.8 U	5.7 U	1700 U
1,1,2-Trichloroethane	µg/kg	5.8 U	5.8 U	5.5 U	5.8 U	5.7 U	1700 U
1,1-Dichloroethane	µg/kg	5.8 U	5.8 U	5.5 U	5.8 U	5.7 U	1700 U
1,1-Dichloroethene	µg/kg	5.8 U	5.8 U	5.5 U	5.8 U	5.7 U	1700 U
1,2,4-Trichlorobenzene	µg/kg	5.8 U	5.8 U	5.5 U	5.8 U	5.7 U	1700 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	5.8 U	5.8 U	5.5 U	5.8 U	5.7 U	1700 U
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	5.8 U	5.8 U	5.5 U	5.8 U	5.7 U	1700 U
1,2-Dichlorobenzene	µg/kg	5.8 U	5.8 U	5.5 U	5.8 U	5.7 U	1700 U
1,2-Dichloroethane	µg/kg	5.8 U	5.8 U	5.5 U	5.8 U	5.7 U	1700 U
1,2-Dichloropropane	µg/kg	5.8 U	5.8 U	5.5 U	5.8 U	5.7 U	1700 U
1,3-Dichlorobenzene	µg/kg	5.8 U	5.8 U	5.5 U	5.8 U	5.7 U	1700 U
1,4-Dichlorobenzene	µg/kg	5.8 U	5.8 U	5.5 U	5.8 U	5.7 U	1700 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	5.8 U	5.8 U	5.5 U	5.8 U	5.7 U	1700 U
2-Hexanone	µg/kg	5.8 U	5.8 U	5.5 U	5.8 U	5.7 U	1700 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	5.8 U	5.8 U	5.5 U	5.8 U	5.7 U	1700 U
Acetone	µg/kg	23 U	23 U	22 U	23 U	23 U	6600 U
Benzene	µg/kg	5.8 U	5.8 U	5.5 U	5.8 U	5.7 U	1700 U
Bromodichloromethane	µg/kg	5.8 U	5.8 U	5.5 U	5.8 U	5.7 U	1700 U
Bromoform	µg/kg	5.8 U	5.8 U	5.5 U	5.8 U	5.7 U	1700 U
Bromomethane (Methyl bromide)	µg/kg	5.8 U	5.8 U	5.5 U	5.8 U	5.7 U	1700 UJ
Carbon disulfide	µg/kg	5.8 U	5.8 UJ	5.5 U	5.8 UJ	5.7 UJ	1700 U
Carbon tetrachloride	µg/kg	5.8 U	5.8 U	5.5 U	5.8 U	5.7 U	1700 U
Chlorobenzene	µg/kg	5.8 U	5.8 U	5.5 U	5.8 U	5.7 U	1700 U
Chloroethane	µg/kg	5.8 U	5.8 U	5.5 U	5.8 U	5.7 U	1700 UJ
Chloroform (Trichloromethane)	µg/kg	5.8 U	5.8 U	5.5 U	5.8 U	5.7 U	1700 U
Chloromethane (Methyl chloride)	µg/kg	5.8 U	5.8 U	5.5 U	5.8 U	5.7 U	1700 U
cis-1,2-Dichloroethene	µg/kg	5.8 U	5.8 U	5.5 U	5.8 U	0.89 J	1700 U
cis-1,3-Dichloropropene	µg/kg	5.8 U	5.8 U	5.5 U	5.8 U	5.7 U	1700 U
Cyclohexane	µg/kg	5.8 U	5.8 U	5.5 U	5.8 U	5.7 U	1700 U
Dibromochloromethane	µg/kg	5.8 U	5.8 U	5.5 U	5.8 U	5.7 U	1700 U
Dichlorodifluoromethane (CFC-12)	µg/kg	5.8 U	5.8 U	5.5 U	5.8 U	5.7 U	1700 U
Ethylbenzene	µg/kg	5.8 U	5.8 U	5.5 U	5.8 U	5.7 U	1700 U
Isopropyl benzene	µg/kg	5.8 U	5.8 U	5.5 U	5.8 U	5.7 U	1700 U
Methyl acetate	µg/kg	5.8 U	5.8 U	5.5 U	5.8 U	5.7 U	1700 U
Methyl cyclohexane	µg/kg	5.8 U	5.8 U	5.5 U	5.8 U	5.7 U	1700 U
Methyl tert butyl ether (MTBE)	µg/kg	5.8 U	5.8 U	5.5 U	5.8 U	5.7 U	1700 U
Methylene chloride	µg/kg	1.3 J	5.8 U	5.5 U	5.8 U	5.7 U	1700 U
Styrene	µg/kg	5.8 U	5.8 U	5.5 U	5.8 U	5.7 U	1700 U
Tetrachloroethene	µg/kg	5.8 U	5.8 U	0.85 J	18	14	21000
Toluene	µg/kg	5.8 U	5.8 U	5.5 U	5.8 U	5.7 U	1700 U
trans-1,2-Dichloroethene	µg/kg	5.8 U	5.8 U	5.5 U	5.8 U	5.7 U	1700 U
trans-1,3-Dichloropropene	µg/kg	5.8 U	5.8 U	5.5 U	5.8 U	5.7 U	1700 U
Trichloroethene	µg/kg	5.8 U	5.8 U	5.5 U	0.91 J	5.7 U	1700 U
Trichlorofluoromethane (CFC-11)	µg/kg	5.8 U	5.8 UJ	5.5 U	5.8 UJ	5.7 UJ	1700 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
BCP INVESTIGATIONS, BUILDING 10 SOILS
GM-LOCKPORT
LOCKPORT, NEW YORK
DECEMBER 2010

Sample Location:		*10-SB-3*	*10-SB-3*	*10-SB-5*	*10-SB-8*	*10-SB-10*	*10-SB-11*
Sample ID:		*10-SB3-122910-0950*	*DUP-122910-0001*	*10-SB5-122910-1100*	*10-SB8-122910-1130*	*10-SB10-122910-1325*	*10-SB11-123010-1040*
Sample Date:		*12/29/2010*	*12/29/2010*	*12/29/2010*	*12/29/2010*	*12/29/2010*	*12/30/2010*
			(Duplicate)				
Parameters:	*Units*						
Trifluorotrichloroethane (Freon 113)	µg/kg	5.8 U	5.8 U	5.5 U	5.8 U	5.7 U	1700 U
Vinyl chloride	µg/kg	5.8 U	5.8 U	5.5 U	5.8 U	5.7 U	1700 U
Xylenes (total)	µg/kg	17 U	18 U	17 U	17 U	17 U	5000 U
Semi-volatile Organic Compounds							
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	78 U	77 U	74 U	78 U	75 U	-
2,4,5-Trichlorophenol	µg/kg	380 U	380 U	360 U	380 U	370 U	-
2,4,6-Trichlorophenol	µg/kg	380 U	380 U	360 U	380 U	370 U	-
2,4-Dichlorophenol	µg/kg	78 U	77 U	74 U	78 U	75 U	-
2,4-Dimethylphenol	µg/kg	380 U	380 U	360 U	380 U	370 U	-
2,4-Dinitrophenol	µg/kg	2000 U	2000 U	1900 U	2000 U	1900 U	-
2,4-Dinitrotoluene	µg/kg	380 U	380 U	360 U	380 U	370 U	-
2,6-Dinitrotoluene	µg/kg	380 U	380 U	360 U	380 U	370 U	-
2-Chloronaphthalene	µg/kg	78 U	77 U	74 U	78 U	75 U	-
2-Chlorophenol	µg/kg	380 U	380 U	360 U	380 U	370 U	-
2-Methylnaphthalene	µg/kg	78 U	77 U	74 U	78 U	75 U	-
2-Methylphenol	µg/kg	380 U	380 U	360 U	380 U	370 U	-
2-Nitroaniline	µg/kg	2000 U	2000 U	1900 U	2000 U	1900 U	-
2-Nitrophenol	µg/kg	380 U	380 U	360 U	380 U	370 U	-
3,3'-Dichlorobenzidine	µg/kg	380 U	380 U	360 U	380 U	370 U	-
3-Nitroaniline	µg/kg	2000 U	2000 U	1900 U	2000 U	1900 U	-
4,6-Dinitro-2-methylphenol	µg/kg	2000 U	2000 U	1900 U	2000 U	1900 U	-
4-Bromophenyl phenyl ether	µg/kg	380 U	380 U	360 U	380 U	370 U	-
4-Chloro-3-methylphenol	µg/kg	380 U	380 U	360 U	380 U	370 U	-
4-Chloroaniline	µg/kg	380 U	380 U	360 U	380 U	370 U	-
4-Chlorophenyl phenyl ether	µg/kg	380 U	380 U	360 U	380 U	370 U	-
4-Methylphenol	µg/kg	380 U	380 U	360 U	380 U	370 U	-
4-Nitroaniline	µg/kg	2000 U	2000 U	1900 U	2000 U	1900 U	-
4-Nitrophenol	µg/kg	2000 U	2000 U	1900 U	2000 U	1900 U	-
Acenaphthene	µg/kg	78 U	77 U	74 U	78 U	75 U	-
Acenaphthylene	µg/kg	78 U	77 U	74 U	78 U	75 U	-
Acetophenone	µg/kg	380 U	380 U	360 U	380 U	370 U	-
Anthracene	µg/kg	78 U	77 U	74 U	78 U	75 U	-
Atrazine	µg/kg	380 U	380 U	360 U	380 U	370 U	-
Benzaldehyde	µg/kg	380 U	380 U	360 U	380 U	370 U	-
Benzo(a)anthracene	µg/kg	78 U	77 U	74 U	78 U	75 U	-
Benzo(a)pyrene	µg/kg	78 U	77 U	74 U	78 U	75 U	-
Benzo(b)fluoranthene	µg/kg	78 U	77 U	74 U	78 U	75 U	-
Benzo(g,h,i)perylene	µg/kg	78 U	77 U	74 U	78 U	75 U	-
Benzo(k)fluoranthene	µg/kg	78 U	77 U	74 U	78 U	75 U	-
Biphenyl (1,1-Biphenyl)	µg/kg	380 U	380 U	360 U	380 U	370 U	-
bis(2-Chloroethoxy)methane	µg/kg	380 U	380 U	360 U	380 U	370 U	-
bis(2-Chloroethyl)ether	µg/kg	78 U	77 U	74 U	78 U	75 U	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	780 U	770 U	92 J	780 U	750 U	-
Butyl benzylphthalate (BBP)	µg/kg	380 U	380 U	360 U	380 U	370 U	-
Caprolactam	µg/kg	2000 U	2000 U	1900 U	2000 U	1900 U	-

TABLE 3

ANALYTICAL RESULTS SUMMARY
BCP INVESTIGATIONS, BUILDING 10 SOILS
GM-LOCKPORT
LOCKPORT, NEW YORK
DECEMBER 2010

Sample Location:		*10-SB-3*	*10-SB-3*	*10-SB-5*	*10-SB-8*	*10-SB-10*	*10-SB-11*
Sample ID:		*10-SB3-122910-0950*	*DUP-122910-0001*	*10-SB5-122910-1100*	*10-SB8-122910-1130*	*10-SB10-122910-1325*	*10-SB11-123010-1040*
Sample Date:		*12/29/2010*	*12/29/2010 (Duplicate)*	*12/29/2010*	*12/29/2010*	*12/29/2010*	*12/30/2010*
Parameters:	*Units*						
Carbazole	µg/kg	78 U	77 U	74 U	78 U	75 U	-
Chrysene	µg/kg	78 U	77 U	74 U	78 U	75 U	-
Dibenz(a,h)anthracene	µg/kg	78 U	77 U	74 U	78 U	75 U	-
Dibenzofuran	µg/kg	380 U	380 U	360 U	380 U	370 U	-
Diethyl phthalate	µg/kg	380 U	380 U	360 U	380 U	370 U	-
Dimethyl phthalate	µg/kg	380 U	380 U	360 U	380 U	370 U	-
Di-n-butylphthalate (DBP)	µg/kg	380 U	380 U	360 U	380 U	370 U	-
Di-n-octyl phthalate (DnOP)	µg/kg	380 U	380 U	360 U	380 U	370 U	-
Fluoranthene	µg/kg	78 U	77 U	74 U	78 U	75 U	-
Fluorene	µg/kg	78 U	77 U	74 U	78 U	75 U	-
Hexachlorobenzene	µg/kg	78 U	77 U	74 U	78 U	75 U	-
Hexachlorobutadiene	µg/kg	78 U	77 U	74 U	78 U	75 U	-
Hexachlorocyclopentadiene	µg/kg	380 U	380 U	360 U	380 U	370 U	-
Hexachloroethane	µg/kg	380 U	380 U	360 U	380 U	370 U	-
Indeno(1,2,3-cd)pyrene	µg/kg	78 U	77 U	74 U	78 U	75 U	-
Isophorone	µg/kg	380 U	380 U	360 U	380 U	370 U	-
Naphthalene	µg/kg	78 U	77 U	74 U	78 U	75 U	-
Nitrobenzene	µg/kg	780 U	770 U	740 U	780 U	750 U	-
N-Nitrosodi-n-propylamine	µg/kg	78 U	77 U	74 U	78 U	75 U	-
N-Nitrosodiphenylamine	µg/kg	380 U	380 U	360 U	380 U	370 U	-
Pentachlorophenol	µg/kg	380 U	380 U	360 U	380 U	370 U	-
Phenanthrene	µg/kg	78 U	77 U	74 U	78 U	75 U	-
Phenol	µg/kg	78 U	77 U	74 U	78 U	75 U	-
Pyrene	µg/kg	78 U	77 U	74 U	78 U	75 U	-
Metals							
Aluminum	mg/kg	5660 J	4890 J	5810 J	5240 J	5180 J	-
Antimony	mg/kg	1.1 UJ	1.1 UJ	1.0 UJ	1.2 UJ	1.1 UJ	-
Arsenic	mg/kg	2.8	2.4	3.9	2.4	2.2	-
Barium	mg/kg	111 J	93.0 J	67.2 J	40.5 J	61.5 J	-
Beryllium	mg/kg	0.43 U	0.45 U	0.42 U	0.46 U	0.43 U	-
Cadmium	mg/kg	0.15 J	0.13 J	0.19 J	0.14 J	0.31 J	-
Calcium	mg/kg	39200 J	34700 J	58900 J	34700 J	31700 J	-
Chromium	mg/kg	9.1 J	8.0 J	8.5 J	7.9 J	7.6 J	-
Cobalt	mg/kg	6.9	5.6	7.3	6.0	6.1	-
Copper	mg/kg	10.4	9.9	17.3	8.0	8.5	-
Iron	mg/kg	13300 J	11800 J	13800 J	11700 J	11800 J	-
Lead	mg/kg	3.8	3.1	5.7	2.8	3.3	-
Magnesium	mg/kg	6890 J	5570 J	13400 J	5280 J	5790 J	-
Manganese	mg/kg	483 J	391 J	588 J	430 J	509 J	-
Mercury	mg/kg	0.038 U	0.039 U	0.037 U	0.038 U	0.037 U	-
Nickel	mg/kg	14.3	12.0	14.9	12.0	13.0	-
Potassium	mg/kg	1040	886	1170	1060	1000	-
Selenium	mg/kg	0.54 U	0.56 U	0.52 U	0.58 U	0.54 U	-
Silver	mg/kg	0.54 U	0.56 U	0.52 U	0.58 U	0.54 U	-
Sodium	mg/kg	183 J	186 J	123 J	157 J	128 J	-

TABLE 3

ANALYTICAL RESULTS SUMMARY
BCP INVESTIGATIONS, BUILDING 10 SOILS
GM-LOCKPORT
LOCKPORT, NEW YORK
DECEMBER 2010

Sample Location:		*10-SB-3*	*10-SB-3*	*10-SB-5*	*10-SB-8*	*10-SB-10*	*10-SB-11*
Sample ID:		*10-SB3-122910-0950*	*DUP-122910-0001*	*10-SB5-122910-1100*	*10-SB8-122910-1130*	*10-SB10-122910-1325*	*10-SB11-123010-1040*
Sample Date:		*12/29/2010*	*12/29/2010 (Duplicate)*	*12/29/2010*	*12/29/2010*	*12/29/2010*	*12/30/2010*
Parameters:	*Units*						
Thallium	mg/kg	1.1 U	1.1 U	1.0 U	1.2 U	1.1 U	-
Vanadium	mg/kg	14.8 J	13.2 J	14.5 J	13.4 J	13.2 J	-
Zinc	mg/kg	25.5	22.5	42.0	33.9	90.7	-
Polychlorinated Biphenyls							
Aroclor-1016 (PCB-1016)	µg/kg	19 U	19 U	18 U	19 U	19 U	-
Aroclor-1221 (PCB-1221)	µg/kg	19 U	19 U	18 U	19 U	19 U	-
Aroclor-1232 (PCB-1232)	µg/kg	19 U	19 U	18 U	19 U	19 U	-
Aroclor-1242 (PCB-1242)	µg/kg	19 U	19 U	18 U	19 U	19 U	-
Aroclor-1248 (PCB-1248)	µg/kg	19 U	19 U	18 U	19 U	19 U	-
Aroclor-1254 (PCB-1254)	µg/kg	19 U	19 U	18 U	19 U	19 U	-
Aroclor-1260 (PCB-1260)	µg/kg	19 U	19 U	18 U	19 U	19 U	-
General Chemistry							
Total solids	%	86.3	85.6	90.1	86.2	88.3	75.7

Notes:
J - Estimated concentration.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
- - Not analyzed.

TABLE 3

ANALYTICAL RESULTS SUMMARY
BCP INVESTIGATIONS, BUILDING 10 SOILS
GM-LOCKPORT
LOCKPORT, NEW YORK
DECEMBER 2010

Sample Location:		*10-SB-12*	*10-SB-14*	*10-SB-15*	*10-SB-16*	*10-SB-17*	*10-SB-18*
Sample ID:		*10-SB12-123010-0830*	*10-SB14-123010-0900*	*10-SB15-123010-0940*	*10-SB16-123010-1125*	*10-SB17-123010-1100*	*10-SB18-123010-1420*
Sample Date:		*12/30/2010*	*12/30/2010*	*12/30/2010*	*12/30/2010*	*12/30/2010*	*12/30/2010*
Parameters:	*Units*						
Volatile Organic Compounds							
1,1,1-Trichloroethane	µg/kg	30000 U	57000 U	29000 U	3000 U	300 U	-
1,1,2,2-Tetrachloroethane	µg/kg	30000 U	57000 U	29000 U	3000 U	300 U	-
1,1,2-Trichloroethane	µg/kg	30000 U	57000 U	29000 U	3000 U	300 U	-
1,1-Dichloroethane	µg/kg	30000 U	57000 U	29000 U	3000 U	300 U	-
1,1-Dichloroethene	µg/kg	30000 U	57000 U	29000 U	3000 U	300 U	-
1,2,4-Trichlorobenzene	µg/kg	30000 U	57000 U	29000 U	3000 U	300 U	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	30000 U	57000 U	29000 U	3000 U	300 U	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	30000 U	57000 U	29000 U	3000 U	300 U	-
1,2-Dichlorobenzene	µg/kg	30000 U	57000 U	29000 U	3000 U	300 U	-
1,2-Dichloroethane	µg/kg	30000 U	57000 U	29000 U	3000 U	300 U	-
1,2-Dichloropropane	µg/kg	30000 U	57000 U	29000 U	3000 U	300 U	-
1,3-Dichlorobenzene	µg/kg	30000 U	57000 U	29000 U	3000 U	300 U	-
1,4-Dichlorobenzene	µg/kg	30000 U	57000 U	29000 U	3000 U	300 U	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	30000 U	57000 U	29000 U	3000 U	300 U	-
2-Hexanone	µg/kg	30000 U	57000 U	29000 U	3000 U	300 U	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	30000 U	57000 U	29000 U	3000 U	300 U	-
Acetone	µg/kg	120000 U	230000 U	120000 U	12000 U	1200 U	-
Benzene	µg/kg	30000 U	57000 U	29000 U	3000 U	300 U	-
Bromodichloromethane	µg/kg	30000 U	57000 U	29000 U	3000 U	300 U	-
Bromoform	µg/kg	30000 U	57000 U	29000 U	3000 U	300 U	-
Bromomethane (Methyl bromide)	µg/kg	30000 UJ	57000 UJ	29000 UJ	3000 UJ	300 UJ	-
Carbon disulfide	µg/kg	30000 U	57000 U	29000 U	3000 U	300 U	-
Carbon tetrachloride	µg/kg	30000 U	57000 U	29000 U	3000 U	300 U	-
Chlorobenzene	µg/kg	30000 U	57000 U	29000 U	3000 U	300 U	-
Chloroethane	µg/kg	30000 UJ	57000 UJ	29000 UJ	3000 UJ	300 UJ	-
Chloroform (Trichloromethane)	µg/kg	30000 U	57000 U	29000 U	3000 U	300 U	-
Chloromethane (Methyl chloride)	µg/kg	30000 U	57000 U	29000 U	3000 U	300 U	-
cis-1,2-Dichloroethene	µg/kg	30000 U	57000 U	29000 U	3000 U	300 U	-
cis-1,3-Dichloropropene	µg/kg	30000 U	57000 U	29000 U	3000 U	300 U	-
Cyclohexane	µg/kg	30000 U	57000 U	29000 U	3000 U	300 U	-
Dibromochloromethane	µg/kg	30000 U	57000 U	29000 U	3000 U	300 U	-
Dichlorodifluoromethane (CFC-12)	µg/kg	30000 U	57000 U	29000 U	3000 U	300 U	-
Ethylbenzene	µg/kg	30000 U	57000 U	29000 U	3000 U	300 U	-
Isopropyl benzene	µg/kg	30000 U	57000 U	29000 U	3000 U	300 U	-
Methyl acetate	µg/kg	30000 U	57000 U	29000 U	3000 U	300 U	-
Methyl cyclohexane	µg/kg	30000 U	57000 U	29000 U	3000 U	300 U	-
Methyl tert butyl ether (MTBE)	µg/kg	30000 U	57000 U	29000 U	3000 U	300 U	-
Methylene chloride	µg/kg	30000 U	57000 U	29000 U	3000 U	300 U	-
Styrene	µg/kg	30000 U	57000 U	29000 U	3000 U	300 U	-
Tetrachloroethene	µg/kg	460000	870000	350000	70000	5000	-
Toluene	µg/kg	30000 U	57000 U	29000 U	3000 U	300 U	-
trans-1,2-Dichloroethene	µg/kg	30000 U	57000 U	29000 U	3000 U	300 U	-
trans-1,3-Dichloropropene	µg/kg	30000 U	57000 U	29000 U	3000 U	300 U	-
Trichloroethene	µg/kg	30000 U	57000 U	29000 U	3000 U	300 U	-
Trichlorofluoromethane (CFC-11)	µg/kg	30000 U	57000 U	29000 U	3000 U	300 U	-

TABLE 3

ANALYTICAL RESULTS SUMMARY
BCP INVESTIGATIONS, BUILDING 10 SOILS
GM-LOCKPORT
LOCKPORT, NEW YORK
DECEMBER 2010

Sample Location:		*10-SB-12*	*10-SB-14*	*10-SB-15*	*10-SB-16*	*10-SB-17*	*10-SB-18*
Sample ID:		*10-SB12-123010-0830*	*10-SB14-123010-0900*	*10-SB15-123010-0940*	*10-SB16-123010-1125*	*10-SB17-123010-1100*	*10-SB18-123010-1420*
Sample Date:		*12/30/2010*	*12/30/2010*	*12/30/2010*	*12/30/2010*	*12/30/2010*	*12/30/2010*
Parameters:	*Units*						
Trifluorotrichloroethane (Freon 113)	µg/kg	30000 U	57000 U	29000 U	3000 U	300 U	-
Vinyl chloride	µg/kg	30000 U	57000 U	29000 U	3000 U	300 U	-
Xylenes (total)	µg/kg	91000 U	170000 U	88000 U	8900 U	890 U	-
Semi-volatile Organic Compounds							
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-	-
2-Methylphenol	µg/kg	-	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-	-
3-Nitroaniline	µg/kg	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-	-
4-Methylphenol	µg/kg	-	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-	-
Acenaphthene	µg/kg	-	-	-	-	-	-
Acenaphthylene	µg/kg	-	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-	-
Anthracene	µg/kg	-	-	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	-	-	-	-	-	-
Benzo(a)pyrene	µg/kg	-	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	-	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	-	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
BCP INVESTIGATIONS, BUILDING 10 SOILS
GM-LOCKPORT
LOCKPORT, NEW YORK
DECEMBER 2010

Sample Location:		*10-SB-12*	*10-SB-14*	*10-SB-15*	*10-SB-16*	*10-SB-17*	*10-SB-18*
Sample ID:		*10-SB12-123010-0830*	*10-SB14-123010-0900*	*10-SB15-123010-0940*	*10-SB16-123010-1125*	*10-SB17-123010-1100*	*10-SB18-123010-1420*
Sample Date:		*12/30/2010*	*12/30/2010*	*12/30/2010*	*12/30/2010*	*12/30/2010*	*12/30/2010*
Parameters:	*Units*						
Carbazole	µg/kg	-	-	-	-	-	-
Chrysene	µg/kg	-	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	-	-	-	-	-	-
Dibenzofuran	µg/kg	-	-	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-	-
Fluoranthene	µg/kg	-	-	-	-	-	-
Fluorene	µg/kg	-	-	-	-	-	-
Hexachlorobenzene	µg/kg	-	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	-	-	-	-	-	-
Isophorone	µg/kg	-	-	-	-	-	-
Naphthalene	µg/kg	-	-	-	-	-	-
Nitrobenzene	µg/kg	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-	-
Pentachlorophenol	µg/kg	-	-	-	-	-	-
Phenanthrene	µg/kg	-	-	-	-	-	-
Phenol	µg/kg	-	-	-	-	-	-
Pyrene	µg/kg	-	-	-	-	-	-
Metals							
Aluminum	mg/kg	-	-	-	-	-	9310 J
Antimony	mg/kg	-	-	-	-	-	1.2 UJ
Arsenic	mg/kg	-	-	-	-	-	3.5
Barium	mg/kg	-	-	-	-	-	62.8 J
Beryllium	mg/kg	-	-	-	-	-	0.48 U
Cadmium	mg/kg	-	-	-	-	-	0.81
Calcium	mg/kg	-	-	-	-	-	94500 J
Chromium	mg/kg	-	-	-	-	-	39.4 J
Cobalt	mg/kg	-	-	-	-	-	7.8
Copper	mg/kg	-	-	-	-	-	21.2
Iron	mg/kg	-	-	-	-	-	15600 J
Lead	mg/kg	-	-	-	-	-	52.7
Magnesium	mg/kg	-	-	-	-	-	36000 J
Manganese	mg/kg	-	-	-	-	-	607 J
Mercury	mg/kg	-	-	-	-	-	0.036 J
Nickel	mg/kg	-	-	-	-	-	30.3
Potassium	mg/kg	-	-	-	-	-	1430
Selenium	mg/kg	-	-	-	-	-	0.60 U
Silver	mg/kg	-	-	-	-	-	0.60 U
Sodium	mg/kg	-	-	-	-	-	445 J

TABLE 3

ANALYTICAL RESULTS SUMMARY
BCP INVESTIGATIONS, BUILDING 10 SOILS
GM-LOCKPORT
LOCKPORT, NEW YORK
DECEMBER 2010

Sample Location:		*10-SB-12*	*10-SB-14*	*10-SB-15*	*10-SB-16*	*10-SB-17*	*10-SB-18*
Sample ID:		*10-SB12-123010-0830*	*10-SB14-123010-0900*	*10-SB15-123010-0940*	*10-SB16-123010-1125*	*10-SB17-123010-1100*	*10-SB18-123010-1420*
Sample Date:		*12/30/2010*	*12/30/2010*	*12/30/2010*	*12/30/2010*	*12/30/2010*	*12/30/2010*
Parameters:	*Units*						
Thallium	mg/kg	-	-	-	-	-	1.2 U
Vanadium	mg/kg	-	-	-	-	-	28.9 J
Zinc	mg/kg	-	-	-	-	-	200
Polychlorinated Biphenyls							
Aroclor-1016 (PCB-1016)	µg/kg	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	µg/kg	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	µg/kg	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	µg/kg	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	µg/kg	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	µg/kg	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	µg/kg	-	-	-	-	-	-
General Chemistry							
Total solids	%	82.5	88.4	84.8	84.4	84.2	83.5

Notes:
J - Estimated concentration.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
- - Not analyzed.

TABLE 3

ANALYTICAL RESULTS SUMMARY
BCP INVESTIGATIONS, BUILDING 10 SOILS
GM-LOCKPORT
LOCKPORT, NEW YORK
DECEMBER 2010

Sample Location:		*10-SB-19*	*10-SB-20*	*10-SB-21*	*MW-10-2*	*MW-10-3*
Sample ID:		*10-SB19-123010-1400*	*10-SB20-123010-1410*	*10-SB21-123010-1430*	*MW102-123010-1450*	*MW103-123010-1510*
Sample Date:		*12/30/2010*	*12/30/2010*	*12/30/2010*	*12/30/2010*	*12/30/2010*
Parameters:	*Units*					
Volatile Organic Compounds						
1,1,1-Trichloroethane	µg/kg	-	-	-	5.8 U	5.6 U
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	5.8 U	5.6 U
1,1,2-Trichloroethane	µg/kg	-	-	-	5.8 U	5.6 U
1,1-Dichloroethane	µg/kg	-	-	-	5.8 U	5.6 U
1,1-Dichloroethene	µg/kg	-	-	-	5.8 U	5.6 U
1,2,4-Trichlorobenzene	µg/kg	-	-	-	5.8 U	5.6 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	5.8 U	5.6 U
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	5.8 U	5.6 U
1,2-Dichlorobenzene	µg/kg	-	-	-	5.8 U	5.6 U
1,2-Dichloroethane	µg/kg	-	-	-	5.8 U	5.6 U
1,2-Dichloropropane	µg/kg	-	-	-	5.8 U	5.6 U
1,3-Dichlorobenzene	µg/kg	-	-	-	5.8 U	5.6 U
1,4-Dichlorobenzene	µg/kg	-	-	-	5.8 U	5.6 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	-	-	-	5.8 U	5.6 U
2-Hexanone	µg/kg	-	-	-	5.8 U	5.6 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	5.8 U	5.6 U
Acetone	µg/kg	-	-	-	23 U	23 U
Benzene	µg/kg	-	-	-	5.8 U	5.6 U
Bromodichloromethane	µg/kg	-	-	-	5.8 U	5.6 U
Bromoform	µg/kg	-	-	-	5.8 U	5.6 U
Bromomethane (Methyl bromide)	µg/kg	-	-	-	5.8 U	5.6 U
Carbon disulfide	µg/kg	-	-	-	5.8 U	5.6 U
Carbon tetrachloride	µg/kg	-	-	-	5.8 U	5.6 U
Chlorobenzene	µg/kg	-	-	-	5.8 U	5.6 U
Chloroethane	µg/kg	-	-	-	5.8 U	5.6 U
Chloroform (Trichloromethane)	µg/kg	-	-	-	5.8 U	5.6 U
Chloromethane (Methyl chloride)	µg/kg	-	-	-	5.8 U	5.6 U
cis-1,2-Dichloroethene	µg/kg	-	-	-	3.8 J	5.6 U
cis-1,3-Dichloropropene	µg/kg	-	-	-	5.8 U	5.6 U
Cyclohexane	µg/kg	-	-	-	5.8 U	5.6 U
Dibromochloromethane	µg/kg	-	-	-	5.8 U	5.6 U
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	5.8 U	5.6 U
Ethylbenzene	µg/kg	-	-	-	5.8 U	5.6 U
Isopropyl benzene	µg/kg	-	-	-	5.8 U	5.6 U
Methyl acetate	µg/kg	-	-	-	5.8 U	5.6 U
Methyl cyclohexane	µg/kg	-	-	-	5.8 U	5.6 U
Methyl tert butyl ether (MTBE)	µg/kg	-	-	-	5.8 U	5.6 U
Methylene chloride	µg/kg	-	-	-	2.3 J	1.2 J
Styrene	µg/kg	-	-	-	5.8 U	5.6 U
Tetrachloroethene	µg/kg	-	-	-	49	3.4 J
Toluene	µg/kg	-	-	-	5.8 U	5.6 U
trans-1,2-Dichloroethene	µg/kg	-	-	-	5.8 U	5.6 U
trans-1,3-Dichloropropene	µg/kg	-	-	-	5.8 U	5.6 U
Trichloroethene	µg/kg	-	-	-	8.4	5.6 U
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	5.8 U	5.6 U

ANALYTICAL RESULTS SUMMARY
BCP INVESTIGATIONS, BUILDING 10 SOILS
GM-LOCKPORT
LOCKPORT, NEW YORK
DECEMBER 2010

Sample Location:		*10-SB-19*	*10-SB-20*	*10-SB-21*	*MW-10-2*	*MW-10-3*
Sample ID:		*10-SB19-123010-1400*	*10-SB20-123010-1410*	*10-SB21-123010-1430*	*MW102-123010-1450*	*MW103-123010-1510*
Sample Date:		*12/30/2010*	*12/30/2010*	*12/30/2010*	*12/30/2010*	*12/30/2010*
Parameters:	*Units*					
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	5.8 U	5.6 U
Vinyl chloride	µg/kg	-	-	-	5.8 U	5.6 U
Xylenes (total)	µg/kg	-	-	-	17 U	17 U
Semi-volatile Organic Compounds						
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	-	-
2-Chloronaphthalene	µg/kg	-	-	-	-	-
2-Chlorophenol	µg/kg	-	-	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-	-	-
2-Methylphenol	µg/kg	-	-	-	-	-
2-Nitroaniline	µg/kg	-	-	-	-	-
2-Nitrophenol	µg/kg	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	-
3-Nitroaniline	µg/kg	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	-
4-Chloroaniline	µg/kg	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	-
4-Methylphenol	µg/kg	-	-	-	-	-
4-Nitroaniline	µg/kg	-	-	-	-	-
4-Nitrophenol	µg/kg	-	-	-	-	-
Acenaphthene	µg/kg	-	-	-	-	-
Acenaphthylene	µg/kg	-	-	-	-	-
Acetophenone	µg/kg	-	-	-	-	-
Anthracene	µg/kg	-	-	-	-	-
Atrazine	µg/kg	-	-	-	-	-
Benzaldehyde	µg/kg	-	-	-	-	-
Benzo(a)anthracene	µg/kg	-	-	-	-	-
Benzo(a)pyrene	µg/kg	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	-
Caprolactam	µg/kg	-	-	-	-	-

ANALYTICAL RESULTS SUMMARY
BCP INVESTIGATIONS, BUILDING 10 SOILS
GM-LOCKPORT
LOCKPORT, NEW YORK
DECEMBER 2010

Sample Location:		*10-SB-19*	*10-SB-20*	*10-SB-21*	*MW-10-2*	*MW-10-3*
Sample ID:		*10-SB19-123010-1400*	*10-SB20-123010-1410*	*10-SB21-123010-1430*	*MW102-123010-1450*	*MW103-123010-1510*
Sample Date:		*12/30/2010*	*12/30/2010*	*12/30/2010*	*12/30/2010*	*12/30/2010*
Parameters:	*Units*					
Carbazole	µg/kg	-	-	-	-	-
Chrysene	µg/kg	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	-	-	-	-	-
Dibenzofuran	µg/kg	-	-	-	-	-
Diethyl phthalate	µg/kg	-	-	-	-	-
Dimethyl phthalate	µg/kg	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	-
Fluoranthene	µg/kg	-	-	-	-	-
Fluorene	µg/kg	-	-	-	-	-
Hexachlorobenzene	µg/kg	-	-	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	-
Hexachloroethane	µg/kg	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	-	-	-	-	-
Isophorone	µg/kg	-	-	-	-	-
Naphthalene	µg/kg	-	-	-	-	-
Nitrobenzene	µg/kg	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	-
Pentachlorophenol	µg/kg	-	-	-	-	-
Phenanthrene	µg/kg	-	-	-	-	-
Phenol	µg/kg	-	-	-	-	-
Pyrene	µg/kg	-	-	-	-	-
Metals						
Aluminum	mg/kg	8310 J	9420 J	10400 J	-	-
Antimony	mg/kg	1.1 UJ	1.1 UJ	1.2 UJ	-	-
Arsenic	mg/kg	4.5	3.8	4.3	-	-
Barium	mg/kg	74.4 J	58.5 J	117 J	-	-
Beryllium	mg/kg	0.44 U	0.45 U	0.48 U	-	-
Cadmium	mg/kg	0.38 J	0.36 J	0.21 J	-	-
Calcium	mg/kg	43500 J	44500 J	49100 J	-	-
Chromium	mg/kg	15.6 J	17.7 J	16.4 J	-	-
Cobalt	mg/kg	7.9	10.9	11.1	-	-
Copper	mg/kg	18.7	19.2	50.1	-	-
Iron	mg/kg	17200 J	17400 J	19000 J	-	-
Lead	mg/kg	12.0	10.7	8.4	-	-
Magnesium	mg/kg	9000 J	8370 J	10200 J	-	-
Manganese	mg/kg	440 J	661 J	529 J	-	-
Mercury	mg/kg	0.039 U	0.015 J	0.040 U	-	-
Nickel	mg/kg	18.9	21.6	22.6	-	-
Potassium	mg/kg	1320	1380	1660	-	-
Selenium	mg/kg	0.55 U	0.56 U	0.60 U	-	-
Silver	mg/kg	0.55 U	0.56 U	0.60 U	-	-
Sodium	mg/kg	371 J	1120	303 J	-	-

ANALYTICAL RESULTS SUMMARY
BCP INVESTIGATIONS, BUILDING 10 SOILS
GM-LOCKPORT
LOCKPORT, NEW YORK
DECEMBER 2010

Sample Location:		*10-SB-19*	*10-SB-20*	*10-SB-21*	*MW-10-2*	*MW-10-3*
Sample ID:		*10-SB19-123010-1400*	*10-SB20-123010-1410*	*10-SB21-123010-1430*	*MW102-123010-1450*	*MW103-123010-1510*
Sample Date:		*12/30/2010*	*12/30/2010*	*12/30/2010*	*12/30/2010*	*12/30/2010*
Parameters:	*Units*					
Thallium	mg/kg	1.1 U	1.1 U	1.2 U	-	-
Vanadium	mg/kg	21.7 J	21.6 J	24.6 J	-	-
Zinc	mg/kg	59.0	59.1	40.1	-	-
Polychlorinated Biphenyls						
Aroclor-1016 (PCB-1016)	µg/kg	-	-	-	-	-
Aroclor-1221 (PCB-1221)	µg/kg	-	-	-	-	-
Aroclor-1232 (PCB-1232)	µg/kg	-	-	-	-	-
Aroclor-1242 (PCB-1242)	µg/kg	-	-	-	-	-
Aroclor-1248 (PCB-1248)	µg/kg	-	-	-	-	-
Aroclor-1254 (PCB-1254)	µg/kg	-	-	-	-	-
Aroclor-1260 (PCB-1260)	µg/kg	-	-	-	-	-
General Chemistry						
Total solids	%	85.7	84.9	82.7	86.5	88.5

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 10 SOILS
GM-LOCKPORT
LOCKPORT, NEW YORK
DECEMBER 2010

Parameter	*Calibration Date*	*Compound*	*%D*	*Associated Sample ID*	*Qualified Sample Results*	*Units*
VOCs	01/04/11	Carbon disulfide	44	10-SB10-122910-1325	5.7 UJ	µg/kg
				10-SB8-122910-1130	5.8 UJ	µg/kg
				DUP-122910-0001	5.8 UJ	µg/kg
VOCs	01/04/11	Trichlorofluoromethane	44	10-SB10-122910-1325	5.7 UJ	µg/kg
				10-SB8-122910-1130	5.8 UJ	µg/kg
				DUP-122910-0001	5.8 UJ	µg/kg
VOCs	01/05/11	Bromomethane	49	10-SB11-123010-1040	1700 UJ	µg/kg
				10-SB12-123010-0830	30000 UJ	µg/kg
				10-SB14-123010-0900	57000 UJ	µg/kg
				10-SB15-123010-0940	29000 UJ	µg/kg
				10-SB16-123010-1125	3000 UJ	µg/kg
				10-SB17-123010-1100	300 UJ	µg/kg
VOCs	01/05/11	Chloroethane	60	10-SB11-123010-1040	1700 UJ	µg/kg
				10-SB12-123010-0830	30000 UJ	µg/kg
				10-SB14-123010-0900	57000 UJ	µg/kg
				10-SB15-123010-0940	29000 UJ	µg/kg
				10-SB16-123010-1125	3000 UJ	µg/kg
				10-SB17-123010-1100	300 UJ	µg/kg

Notes:
%D Percent difference.
UJ Estimated reporting limit.
VOCs Volatile organic compounds.

TABLE 5

QUALIFIED SAMPLE RESULTS DUE TO ANALYTE CONCENTRATIONS IN THE METHOD BLANKS
BCP INVESTIGATIONS, BUILDING 10 SOILS
GM-LOCKPORT
LOCKPORT, NEW YORK
DECEMBER 2010

Parameter	*Analysis Date*	*Analyte*	*Blank Result*	*Sample ID*	*Qualified Sample Result*	*Units*
VOCs	01/04/11	Methylene chloride	0.77J	DUP-122910-0001	5.8 U	µg/kg
VOCs	01/07/11	Methylene chloride	1.1J	10-SB5-122910-1100	5.5 U	µg/kg
Metals	01/10/11	Beryllium	0.09	10-SB10-122910-1325	0.43 U	mg/kg
			0.1	10-SB18-123010-1420	0.48 U	mg/kg
			0.09	10-SB19-123010-1400	0.44 U	mg/kg
			0.09	10-SB20-123010-1410	0.45 U	mg/kg
			0.1	10-SB21-123010-1430	0.48 U	mg/kg
			0.09	10-SB3-122910-0950	0.43 U	mg/kg
			0.08	10-SB5-122910-1100	0.42 U	mg/kg
			0.09	10-SB8-122910-1130	0.46 U	mg/kg
			0.09	DUP-122910-0001	0.45 U	mg/kg

Notes:

J Estimated.
U Not present at or above the associated value.
VOCs Volatile organic compounds.

TABLE 6

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERIES
BCP INVESTIGATIONS, BUILDING 10 SOILS
GM-LOCKPORT
LOCKPORT, NEW YORK
DECEMBER 2010

Parameter	*Associated Sample ID*	*Analyte*	*MS Recovery (percent)*	*MSD Recovery (percent)*	*RPD*	*Control Limits*		*Qualified Sample Result*	*Units*
						Recovery (percent)	*RPD (percent)*		
Metals	10-SB10-122910-1325	Antimony	62	60	2.2	75-125	35	1.1 UJ	mg/kg
	10-SB18-123010-1420							1.2 UJ	mg/kg
	10-SB19-123010-1400							1.1 UJ	mg/kg
	10-SB20-123010-1410							1.1 UJ	mg/kg
	10-SB21-123010-1430							1.2 UJ	mg/kg
	10-SB3-122910-0950							1.1 UJ	mg/kg
	10-SB5-122910-1100							1.0 UJ	mg/kg
	10-SB8-122910-1130							1.2 UJ	mg/kg
	DUP-122910-0001							1.1 UJ	mg/kg
Metals	10-SB10-122910-1325	Magnesium	44	0	NA	75-125	35	5790 J	mg/kg
	10-SB18-123010-1420							36000 J	mg/kg
	10-SB19-123010-1400							9000 J	mg/kg
	10-SB20-123010-1410							8370 J	mg/kg
	10-SB21-123010-1430							10200 J	mg/kg
	10-SB3-122910-0950							6890 J	mg/kg
	10-SB5-122910-1100							13400 J	mg/kg
	10-SB8-122910-1130							5280 J	mg/kg
	DUP-122910-0001							5570 J	mg/kg

Notes:

MS Matrix spike.
MSD Matrix spike duplicate.
RPD Relative percent differences.
J Estimated.
UJ Estimated reporting limit.

TABLE 7

QUALIFIED SAMPLES RESULTS DUE TO OUTLYING SERIAL DILUTIONS
BCP INVESTIGATIONS, BUILDING 10 SOILS
GM-LOCKPORT
LOCKPORT, NEW YORK
DECEMBER 2010

Sample ID	*Analyte*	*%D*	*Control Limits*	*Associated Samples*	*Qualified Sample Results*	*Units*
10-SB5-122910-1100	Aluminum	12.3	10	10-SB10-122910-1325	5180 J	mg/kg
				10-SB18-123010-1420	9310 J	mg/kg
				10-SB19-123010-1400	8310 J	mg/kg
				10-SB20-123010-1410	9420 J	mg/kg
				10-SB21-123010-1430	10400 J	mg/kg
				10-SB3-122910-0950	5660 J	mg/kg
				10-SB5-122910-1100	5810 J	mg/kg
				10-SB8-122910-1130	5240 J	mg/kg
				DUP-122910-0001	4890 J	mg/kg
10-SB5-122910-1100	Barium	15.2	10	10-SB10-122910-1325	61.5 J	mg/kg
				10-SB18-123010-1420	62.8 J	mg/kg
				10-SB19-123010-1400	74.4 J	mg/kg
				10-SB20-123010-1410	58.5 J	mg/kg
				10-SB21-123010-1430	117 J	mg/kg
				10-SB3-122910-0950	111 J	mg/kg
				10-SB5-122910-1100	67.2 J	mg/kg
				10-SB8-122910-1130	40.5 J	mg/kg
				DUP-122910-0001	93.0 J	mg/kg
10-SB5-122910-1100	Calcium	21.3	10	10-SB10-122910-1325	31700 J	mg/kg
				10-SB18-123010-1420	94500 J	mg/kg
				10-SB19-123010-1400	43500 J	mg/kg
				10-SB20-123010-1410	44500 J	mg/kg
				10-SB21-123010-1430	49100 J	mg/kg
				10-SB3-122910-0950	39200 J	mg/kg
				10-SB5-122910-1100	58900 J	mg/kg
				10-SB8-122910-1130	34700 J	mg/kg
				DUP-122910-0001	34700 J	mg/kg
10-SB5-122910-1100	Chromium	16.0	10	10-SB10-122910-1325	7.6 J	mg/kg
				10-SB18-123010-1420	39.4 J	mg/kg
				10-SB19-123010-1400	15.6 J	mg/kg
				10-SB20-123010-1410	17.7 J	mg/kg
				10-SB21-123010-1430	16.4 J	mg/kg
				10-SB3-122910-0950	9.1 J	mg/kg
				10-SB5-122910-1100	8.5 J	mg/kg
				10-SB8-122910-1130	7.9 J	mg/kg
				DUP-122910-0001	8.0 J	mg/kg
10-SB5-122910-1100	Iron	19.4	10	10-SB10-122910-1325	11800 J	mg/kg
				10-SB18-123010-1420	15600 J	mg/kg
				10-SB19-123010-1400	17200 J	mg/kg
				10-SB20-123010-1410	17400 J	mg/kg
				10-SB21-123010-1430	19000 J	mg/kg
				10-SB3-122910-0950	13300 J	mg/kg
				10-SB5-122910-1100	13800 J	mg/kg
				10-SB8-122910-1130	11700 J	mg/kg
				DUP-122910-0001	11800 J	mg/kg

TABLE 7

QUALIFIED SAMPLES RESULTS DUE TO OUTLYING SERIAL DILUTIONS
BCP INVESTIGATIONS, BUILDING 10 SOILS
GM-LOCKPORT
LOCKPORT, NEW YORK
DECEMBER 2010

Sample ID	*Analyte*	*%D*	*Control Limits*	*Associated Samples*	*Qualified Sample Results*	*Units*
10-SB5-122910-1100	Magnesium	13.3	10	10-SB10-122910-1325	5790 J	mg/kg
				10-SB18-123010-1420	36000 J	mg/kg
				10-SB19-123010-1400	9000 J	mg/kg
				10-SB20-123010-1410	8370 J	mg/kg
				10-SB21-123010-1430	10200 J	mg/kg
				10-SB3-122910-0950	6890 J	mg/kg
				10-SB5-122910-1100	13400 J	mg/kg
				10-SB8-122910-1130	5280 J	mg/kg
				DUP-122910-0001	5570 J	mg/kg
10-SB5-122910-1100	Manganese	18.4	10	10-SB10-122910-1325	509 J	mg/kg
				10-SB18-123010-1420	607 J	mg/kg
				10-SB19-123010-1400	440 J	mg/kg
				10-SB20-123010-1410	661 J	mg/kg
				10-SB21-123010-1430	529 J	mg/kg
				10-SB3-122910-0950	483 J	mg/kg
				10-SB5-122910-1100	588 J	mg/kg
				10-SB8-122910-1130	430 J	mg/kg
				DUP-122910-0001	391 J	mg/kg
10-SB5-122910-1100	Vanadium	16.4	10	10-SB10-122910-1325	13.2 J	mg/kg
				10-SB18-123010-1420	28.9 J	mg/kg
				10-SB19-123010-1400	21.7 J	mg/kg
				10-SB20-123010-1410	21.6 J	mg/kg
				10-SB21-123010-1430	24.6 J	mg/kg
				10-SB3-122910-0950	14.8 J	mg/kg
				10-SB5-122910-1100	14.5 J	mg/kg
				10-SB8-122910-1130	13.4 J	mg/kg
				DUP-122910-0001	13.2 J	mg/kg

Notes:
%D Percent difference.
J Estimated.

CONESTOGA-ROVERS & ASSOCIATES

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MEMORANDUM

TO: Denis Conley

REF. NO.: 058507-256005

FROM: Kathleen Willy/bjw/28

DATE: March 16, 2011

E-Mail and Hard Copy if Requested

RE: **Data Quality Assessment and Validation**
BCP Investigations, Building 10 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 10 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.

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 2-butanone and bromoform, indicating non-linearity of the calibration curves. 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. 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.

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 10 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*
10-VI-1IA-011811-0803	10-VI-1IA	01/18/11	8:03	Indoor Air	X	
10-VI-2IA-011811-0801	10-VI-2IA	01/18/11	8:01	Indoor Air	X	
10-VI-DUP-011811-0830	10-VI-DUP	01/18/11	8:30	Indoor Air	X	Field duplicate of sample 10-VI-2IA-011811-0801
10VI-OUT-011811-0810	10VI-OUT	01/18/11	8:10	Outdoor Air	X	
10-VI-2-IA-012011-0735	10-VI-2IA	01/20/11	7:35	Indoor Air	X	
10-VI-1-IA-012011-0737	10-VI-1IA	01/20/11	7:37	Indoor Air	X	

Notes:

TO-15 Toxic Organic Compounds in Air.

TABLE 2

SUMMARY OF ANALYTICAL METHODS
BCP INVESTIGATIONS, BUILDING 10 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 10 AIR
GM-LOCKPORT
LOCKPORT, NEW YORK
JANUARY 2011

Sample Location:	*10-VI-1IA*	*10-VI-1IA*	*10-VI-1IA*	*10-VI-1IA*	*10-VI-2IA*
Sample ID:	*10-VI-1IA-011811-0803*	*10-VI-1IA-011811-0803*	*10-VI-1-IA-012011-0737*	*10-VI-1-IA-012011-0737*	*10-VI-2IA-011811-0801*
Sample Date:	*1/18/2011*	*1/18/2011*	*1/20/2011*	*1/20/2011*	*1/18/2011*
Result Unit:	*ppbv*	*µg/m3*	*ppbv*	*µg/m3*	*ppbv*
Parameter					
Volatile Organic Compounds					
1,1,1-Trichloroethane	7.0 U	38 U	1.5 U	8.2 U	3.6 U
1,1,2,2-Tetrachloroethane	7.0 U	48 U	1.5 U	10 U	3.6 U
1,1,2-Trichloroethane	7.0 U	38 U	1.5 U	8.2 U	3.6 U
1,1-Dichloroethane	7.0 U	28 U	1.5 U	6.1 U	3.6 U
1,1-Dichloroethene	7.0 U	28 U	1.5 U	5.9 U	3.6 U
1,2,4-Trichlorobenzene	7.0 U	52 U	1.5 U	11 U	3.6 U
1,2,4-Trimethylbenzene	7.0 U	34 U	1.5 U	7.4 U	3.6 U
1,2-Dibromoethane (Ethylene dibromide)	7.0 U	54 U	1.5 U	12 U	3.6 U
1,2-Dichlorobenzene	7.0 U	42 U	1.5 U	9.0 U	3.6 U
1,2-Dichloroethane	7.0 U	28 U	1.5 U	6.1 U	3.6 U
1,2-Dichloropropane	7.0 U	32 U	1.5 U	6.9 U	3.6 U
1,2-Dichlorotetrafluoroethane (CFC 114)	7.0 U	49 U	1.5 U	10 U	3.6 U
1,3,5-Trimethylbenzene	7.0 U	34 U	1.5 U	7.4 U	3.6 U
1,3-Dichlorobenzene	7.0 U	42 U	1.5 U	9.0 U	3.6 U
1,4-Dichlorobenzene	7.0 U	42 U	1.5 U	9.0 U	3.6 U
1,4-Dioxane	17 U	61 U	3.8 U	14 U	9.1 U
2,2,4-Trimethylpentane	17 U	79 U	3.8 U	18 U	9.1 U
2-Butanone (Methyl ethyl ketone) (MEK)	28 UJ	83 UJ	6.2 UJ	18 UJ	15 UJ
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	17 U	70 U	6.3	26	9.1 U
Benzene	7.0 U	22 U	1.5 U	4.8 U	3.6 U
Benzyl chloride	14 U	72 U	3.1 U	16 U	7.3 U
Bromodichloromethane	7.0 U	47 U	1.5 U	10 U	3.6 U
Bromoform	7.0 UJ	72 UJ	1.5 UJ	16 UJ	3.6 UJ
Bromomethane (Methyl bromide)	7.0 U	27 U	1.5 U	5.8 U	3.6 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
BCP INVESTIGATIONS, BUILDING 10 AIR
GM-LOCKPORT
LOCKPORT, NEW YORK
JANUARY 2011

Sample Location:	*10-VI-1IA*	*10-VI-1IA*	*10-VI-1IA*	*10-VI-1IA*	*10-VI-2IA*
Sample ID:	*10-VI-1IA-011811-0803*	*10-VI-1IA-011811-0803*	*10-VI-1-IA-012011-0737*	*10-VI-1-IA-012011-0737*	*10-VI-2IA-011811-0801*
Sample Date:	*1/18/2011*	*1/18/2011*	*1/20/2011*	*1/20/2011*	*1/18/2011*
Result Unit:	*ppbv*	*µg/m3*	*ppbv*	*µg/m3*	*ppbv*
Parameter					
Volatile Organic Compounds (Cont'd.)					
Carbon tetrachloride	3.5 U	22 U	0.77 U	4.8 U	1.8 U
Chlorobenzene	7.0 U	32 U	1.5 U	6.9 U	3.6 U
Chloroethane	7.0 U	18 U	1.5 U	4.0 U	3.6 U
Chloroform (Trichloromethane)	7.0 U	34 U	1.5 U	7.3 U	3.6 U
Chloromethane (Methyl chloride)	17 U	35 U	3.8 U	7.8 U	9.1 U
cis-1,2-Dichloroethene	7.0 U	28 U	1.5 U	5.9 U	3.6 U
cis-1,3-Dichloropropene	7.0 U	32 U	1.5 U	6.8 U	3.6 U
Cyclohexane	17 U	59 U	3.8 U	13 U	9.1 U
Dibromochloromethane	7.0 U	60 U	1.5 U	13 U	3.6 U
Dichlorodifluoromethane (CFC-12)	7.0 U	35 U	1.5 U	7.4 U	3.6 U
Ethanol	1300	2400	330	620	1800
Ethylbenzene	7.0 U	30 U	1.5 U	6.5 U	4.8
Hexachlorobutadiene	7.0 U	75 U	1.5 U	16 U	3.6 U
Hexane	290	1000	240	850	650
m&p-Xylenes	8.7	38	1.5 U	6.5 U	18
Methyl tert butyl ether (MTBE)	14 U	50 U	3.1 U	11 U	7.3 U
Methylene chloride	17 U	59 U	3.8 U	13 U	9.1 U
o-Xylene	7.0 U	30 U	1.5 U	6.5 U	4.6
Styrene	7.0 U	30 U	1.5 U	6.4 U	3.6 U
tert-Butyl alcohol	28 U	85 U	32	98	15 U
Tetrachloroethene	7.0 U	47 U	1.5 U	10 U	3.6 U
Toluene	16	60	56	210	100
trans-1,2-Dichloroethene	7.0 U	28 U	1.5 U	5.9 U	3.6 U
trans-1,3-Dichloropropene	7.0 U	32 U	1.5 U	6.8 U	3.6 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
BCP INVESTIGATIONS, BUILDING 10 AIR
GM-LOCKPORT
LOCKPORT, NEW YORK
JANUARY 2011

	Sample Location:	*10-VI-1IA*	*10-VI-1IA*	*10-VI-1IA*	*10-VI-1IA*	*10-VI-2IA*
	Sample ID:	*10-VI-1IA-011811-0803*	*10-VI-1IA-011811-0803*	*10-VI-1-IA-012011-0737*	*10-VI-1-IA-012011-0737*	*10-VI-2IA-011811-0801*
	Sample Date:	*1/18/2011*	*1/18/2011*	*1/20/2011*	*1/20/2011*	*1/18/2011*
	Result Unit:	*ppbv*	*µg/m3*	*ppbv*	*µg/m3*	*ppbv*
Parameter						
Volatile Organic Compounds (Cont'd.)						
Trichloroethene		3.5 U	19 U	0.86	4.6	1.8 U
Trichlorofluoromethane (CFC-11)		7.0 U	39 U	1.5 U	8.4 U	3.6 U
Trifluorotrichloroethane (Freon 113)		7.0 U	54 U	1.5 U	11 U	3.6 U
Vinyl chloride		7.0 U	18 U	1.5 U	3.8 U	3.6 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
BCP INVESTIGATIONS, BUILDING 10 AIR
GM-LOCKPORT
LOCKPORT, NEW YORK
JANUARY 2011

Sample Location:	*10-VI-1IA*	*10-VI-2IA*	*10-VI-2IA*	*10-VI-2IA*	*10-VI-2IA*
Sample ID:	*10-VI-1IA-011811-0803*	*10-VI-2IA-011811-0801*	*10-VI-DUP-011811-0800*	*10-VI-DUP-011811-0800*	*10-VI-2-IA-012011-0735*
Sample Date:	*1/18/2011*	*1/18/2011*	*1/18/2011*	*1/18/2011*	*1/20/2011*
Result Unit:	*ppbv*	*µg/m3*	*ppbv*	*µg/m3*	*ppbv*
Parameter					
Volatile Organic Compounds					
1,1,1-Trichloroethane	7.0 U	20 U	3.6 U	20 U	3.6 U
1,1,2,2-Tetrachloroethane	7.0 U	25 U	3.6 U	25 U	3.6 U
1,1,2-Trichloroethane	7.0 U	20 U	3.6 U	20 U	3.6 U
1,1-Dichloroethane	7.0 U	15 U	3.6 U	15 U	3.6 U
1,1-Dichloroethene	7.0 U	14 U	3.6 U	14 U	3.6 U
1,2,4-Trichlorobenzene	7.0 U	27 U	3.6 U	27 U	3.6 U
1,2,4-Trimethylbenzene	7.0 U	18 U	3.6 U	18 U	3.6 U
1,2-Dibromoethane (Ethylene dibromide)	7.0 U	28 U	3.6 U	28 U	3.6 U
1,2-Dichlorobenzene	7.0 U	22 U	3.6 U	22 U	3.6 U
1,2-Dichloroethane	7.0 U	15 U	3.6 U	15 U	3.6 U
1,2-Dichloropropane	7.0 U	17 U	3.6 U	17 U	3.6 U
1,2-Dichlorotetrafluoroethane (CFC 114)	7.0 U	25 U	3.6 U	25 U	3.6 U
1,3,5-Trimethylbenzene	7.0 U	18 U	3.6 U	18 U	3.6 U
1,3-Dichlorobenzene	7.0 U	22 U	3.6 U	22 U	3.6 U
1,4-Dichlorobenzene	7.0 U	22 U	3.6 U	22 U	3.6 U
1,4-Dioxane	17 U	33 U	9.1 U	33 U	9.1 U
2,2,4-Trimethylpentane	17 U	43 U	9.1 U	43 U	9.1 U
2-Butanone (Methyl ethyl ketone) (MEK)	28 UJ	44 UJ	15 UJ	44 UJ	15 UJ
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	17 U	37 U	9.1 U	37 U	9.1 U
Benzene	7.0 U	12 U	3.6 U	12 U	3.6 U
Benzyl chloride	14 U	38 U	7.3 U	38 U	7.3 U
Bromodichloromethane	7.0 U	24 U	3.6 U	24 U	3.6 U
Bromoform	7.0 UJ	37 UJ	3.6 UJ	37 UJ	3.6 UJ
Bromomethane (Methyl bromide)	7.0 U	14 U	3.6 U	14 U	3.6 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
BCP INVESTIGATIONS, BUILDING 10 AIR
GM-LOCKPORT
LOCKPORT, NEW YORK
JANUARY 2011

Sample Location:	*10-VI-1IA*	*10-VI-2IA*	*10-VI-2IA*	*10-VI-2IA*	*10-VI-2IA*
Sample ID:	*10-VI-1IA-011811-0803*	*10-VI-2IA-011811-0801*	*10-VI-DUP-011811-0800*	*10-VI-DUP-011811-0800*	*10-VI-2-IA-012011-0735*
Sample Date:	*1/18/2011*	*1/18/2011*	*1/18/2011*	*1/18/2011*	*1/20/2011*
Result Unit:	*ppbv*	*µg/m3*	*ppbv*	*µg/m3*	*ppbv*
Parameter					
Volatile Organic Compounds (Cont'd.)					
Carbon tetrachloride	3.5 U	11 U	1.8 U	11 U	1.8 U
Chlorobenzene	7.0 U	17 U	3.6 U	17 U	3.6 U
Chloroethane	7.0 U	9.5 U	3.6 U	9.5 U	3.6 U
Chloroform (Trichloromethane)	7.0 U	18 U	3.6 U	18 U	3.6 U
Chloromethane (Methyl chloride)	17 U	19 U	9.1 U	19 U	9.1 U
cis-1,2-Dichloroethene	7.0 U	14 U	3.6 U	14 U	3.6 U
cis-1,3-Dichloropropene	7.0 U	16 U	3.6 U	16 U	3.6 U
Cyclohexane	17 U	31 U	9.1 U	31 U	9.1 U
Dibromochloromethane	7.0 U	31 U	3.6 U	31 U	3.6 U
Dichlorodifluoromethane (CFC-12)	7.0 U	18 U	3.6 U	18 U	3.6 U
Ethanol	1300	3400	1600	3000	430
Ethylbenzene	7.0 U	21	7.7	33	3.6 U
Hexachlorobutadiene	7.0 U	38 U	3.6 U	38 U	3.6 U
Hexane	290	2300	570	2000	330
m&p-Xylenes	8.7	76	28	120	3.6 U
Methyl tert butyl ether (MTBE)	14 U	26 U	7.3 U	26 U	7.3 U
Methylene chloride	17 U	32 U	9.1 U	32 U	9.1 U
o-Xylene	7.0 U	20	4.9	21	3.6 U
Styrene	7.0 U	15 U	3.6 U	15 U	3.6 U
tert-Butyl alcohol	28 U	45 U	15 U	45 U	25
Tetrachloroethene	7.0 U	24 U	3.6 U	24 U	3.6 U
Toluene	16	380	82	310	79
trans-1,2-Dichloroethene	7.0 U	14 U	3.6 U	14 U	3.6 U
trans-1,3-Dichloropropene	7.0 U	16 U	3.6 U	16 U	3.6 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
BCP INVESTIGATIONS, BUILDING 10 AIR
GM-LOCKPORT
LOCKPORT, NEW YORK
JANUARY 2011

	Sample Location:	*10-VI-1IA*	*10-VI-2IA*	*10-VI-2IA*	*10-VI-2IA*	*10-VI-2IA*
	Sample ID:	*10-VI-1IA-011811-0803*	*10-VI-2IA-011811-0801*	*10-VI-DUP-011811-0800*	*10-VI-DUP-011811-0800*	*10-VI-2-IA-012011-0735*
	Sample Date:	*1/18/2011*	*1/18/2011*	*1/18/2011*	*1/18/2011*	*1/20/2011*
	Result Unit:	*ppbv*	*µg/m3*	*ppbv*	*µg/m3*	*ppbv*
Parameter						
Volatile Organic Compounds (Cont'd.)						
Trichloroethene		3.5 U	9.7 U	1.8 U	9.7 U	1.8 U
Trichlorofluoromethane (CFC-11)		7.0 U	20 U	3.6 U	20 U	3.6 U
Trifluorotrichloroethane (Freon 113)		7.0 U	28 U	3.6 U	28 U	3.6 U
Vinyl chloride		7.0 U	9.2 U	3.6 U	9.2 U	3.6 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
BCP INVESTIGATIONS, BUILDING 10 AIR
GM-LOCKPORT
LOCKPORT, NEW YORK
JANUARY 2011

Sample Location:	*10-VI-1IA*	*10-VI-2IA*	*10-VI-OUT*	*10-VI-OUT*
Sample ID:	*10-VI-1IA-011811-0803*	*10-VI-2-IA-012011-0735*	*10-VI-OUT-011811-0810*	*10-VI-OUT-011811-0810*
Sample Date:	*1/18/2011*	*1/20/2011*	*1/18/2011*	*1/18/2011*
Result Unit:	*ppbv*	*µg/m3*	*ppbv*	*µg/m3*
Parameter				
Volatile Organic Compounds				
1,1,1-Trichloroethane	7.0 U	20 U	0.080 U	0.44 U
1,1,2,2-Tetrachloroethane	7.0 U	25 U	0.080 U	0.55 U
1,1,2-Trichloroethane	7.0 U	20 U	0.080 U	0.44 U
1,1-Dichloroethane	7.0 U	15 U	0.080 U	0.32 U
1,1-Dichloroethene	7.0 U	14 U	0.080 U	0.32 U
1,2,4-Trichlorobenzene	7.0 U	27 U	0.080 U	0.59 U
1,2,4-Trimethylbenzene	7.0 U	18 U	0.47	2.3
1,2-Dibromoethane (Ethylene dibromide)	7.0 U	28 U	0.080 U	0.61 U
1,2-Dichlorobenzene	7.0 U	22 U	0.080 U	0.48 U
1,2-Dichloroethane	7.0 U	15 U	0.080 U	0.32 U
1,2-Dichloropropane	7.0 U	17 U	0.080 U	0.37 U
1,2-Dichlorotetrafluoroethane (CFC 114)	7.0 U	25 U	0.080 U	0.56 U
1,3,5-Trimethylbenzene	7.0 U	18 U	0.20	0.99
1,3-Dichlorobenzene	7.0 U	22 U	0.080 U	0.48 U
1,4-Dichlorobenzene	7.0 U	22 U	1.3	7.5
1,4-Dioxane	17 U	33 U	0.20 U	0.72 U
2,2,4-Trimethylpentane	17 U	43 U	0.24	1.1
2-Butanone (Methyl ethyl ketone) (MEK)	28 UJ	44 UJ	4.1 J	12 J
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	17 U	37 U	1.0	4.2
Benzene	7.0 U	12 U	0.30	0.95
Benzyl chloride	14 U	38 U	0.16 U	0.83 U
Bromodichloromethane	7.0 U	24 U	0.080 U	0.54 U
Bromoform	7.0 UJ	37 UJ	0.080 UJ	0.83 UJ
Bromomethane (Methyl bromide)	7.0 U	14 U	0.080 U	0.31 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
BCP INVESTIGATIONS, BUILDING 10 AIR
GM-LOCKPORT
LOCKPORT, NEW YORK
JANUARY 2011

Sample Location:	*10-VI-1IA*	*10-VI-2IA*	*10-VI-OUT*	*10-VI-OUT*
Sample ID:	*10-VI-1IA-011811-0803*	*10-VI-2-IA-012011-0735*	*10-VI-OUT-011811-0810*	*10-VI-OUT-011811-0810*
Sample Date:	*1/18/2011*	*1/20/2011*	*1/18/2011*	*1/18/2011*
Result Unit:	*ppbv*	*µg/m3*	*ppbv*	*µg/m3*
Parameter				
Volatile Organic Compounds (Cont'd.)				
Carbon tetrachloride	3.5 U	11 U	0.11	0.70
Chlorobenzene	7.0 U	17 U	0.080 U	0.37 U
Chloroethane	7.0 U	9.5 U	0.080 U	0.21 U
Chloroform (Trichloromethane)	7.0 U	18 U	0.080 U	0.39 U
Chloromethane (Methyl chloride)	17 U	19 U	0.55	1.1
cis-1,2-Dichloroethene	7.0 U	14 U	0.080 U	0.32 U
cis-1,3-Dichloropropene	7.0 U	16 U	0.080 U	0.36 U
Cyclohexane	17 U	31 U	0.20 U	0.69 U
Dibromochloromethane	7.0 U	31 U	0.080 U	0.68 U
Dichlorodifluoromethane (CFC-12)	7.0 U	18 U	0.61	3.0
Ethanol	1300	810	47	88
Ethylbenzene	7.0 U	16 U	1.7	7.3
Hexachlorobutadiene	7.0 U	38 U	0.080 U	0.85 U
Hexane	290	1200	0.71	2.5
m&p-Xylenes	8.7	16 U	5.7	25
Methyl tert butyl ether (MTBE)	14 U	26 U	0.16 U	0.58 U
Methylene chloride	17 U	32 U	0.23	0.81
o-Xylene	7.0 U	16 U	1.4	6.0
Styrene	7.0 U	15 U	0.41	1.7
tert-Butyl alcohol	28 U	76	5.5	17
Tetrachloroethene	7.0 U	24 U	0.52	3.5
Toluene	16	300	2.5	9.5
trans-1,2-Dichloroethene	7.0 U	14 U	0.080 U	0.32 U
trans-1,3-Dichloropropene	7.0 U	16 U	0.080 U	0.36 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
BCP INVESTIGATIONS, BUILDING 10 AIR
GM-LOCKPORT
LOCKPORT, NEW YORK
JANUARY 2011

	Sample Location:	*10-VI-1IA*	*10-VI-2IA*	*10-VI-OUT*	*10-VI-OUT*
	Sample ID:	*10-VI-1IA-011811-0803*	*10-VI-2-IA-012011-0735*	*10-VI-OUT-011811-0810*	*10-VI-OUT-011811-0810*
	Sample Date:	*1/18/2011*	*1/20/2011*	*1/18/2011*	*1/18/2011*
	Result Unit:	*ppbv*	*µg/m3*	*ppbv*	*µg/m3*
Parameter					
Volatile Organic Compounds (Cont'd.)					
Trichloroethene		3.5 U	9.7 U	0.67	3.6
Trichlorofluoromethane (CFC-11)		7.0 U	20 U	0.29	1.6
Trifluorotrichloroethane (Freon 113)		7.0 U	28 U	0.080 U	0.61 U
Vinyl chloride		7.0 U	9.2 U	0.13	0.33

Notes:

J - Estimated concentration.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

TABLE 4

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING INITIAL CALIBRATION RESULTS
BCP INVESTIGATIONS, BUILDING 10 AIR
GM-LOCKPORT
LOCKPORT, NEW YORK
JANUARY 2011

Parameter	*Compound*	*Calibration Date*	*RSD*	*Associated Sample ID*	*Qualified Sample Results*	*Units*
VOCs	2-Butanone	01/05/11	32	10-VI-1IA-011811-0803	83 UJ	µg/m3
				10-VI-1-IA-012011-0737	18 UJ	µg/m3
				10-VI-2IA-011811-0801	44 UJ	µg/m3
				10-VI-2-IA-012011-0735	44 UJ	µg/m3
				10-VI-DUP-011811-0800	44 UJ	µg/m3
				10-VI-OUT-011811-0810	12 J	µg/m3
VOCs	Bromoform	01/05/11	35	10-VI-1IA-011811-0803	72 UJ	µg/m3
				10-VI-1-IA-012011-0737	16 UJ	µg/m3
				10-VI-2IA-011811-0801	37 UJ	µg/m3
				10-VI-2-IA-012011-0735	37 UJ	µg/m3
				10-VI-DUP-011811-0800	37 UJ	µg/m3
				10-VI-OUT-011811-0810	0.83 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 10 AIR
GM-LOCKPORT
LOCKPORT, NEW YORK
JANUARY 2011

Parameter	*Calibration Date*	*Compound*	*%D*	*Associated Sample ID*	*Qualified Sample Results*	*Units*
VOCs	01/05/11	2-Butanone	37	10-VI-1IA-011811-0803	83 UJ	µg/m3
				10-VI-1-IA-012011-0737	18 UJ	µg/m3
				10-VI-2IA-011811-0801	44 UJ	µg/m3
				10-VI-2-IA-012011-0735	44 UJ	µg/m3
				10-VI-DUP-011811-0800	44 UJ	µg/m3
				10-VI-OUT-011811-0810	12 J	µg/m3

Notes:

%D Percent Difference.
J Estimated.
UJ Not detected, estimated reporting limit.
VOCs Volatile Organic Compounds.

APPENDIX G

Groundwater Calculations – Hydraulic Conductivity

[illegible] Conductivities for GW [illegible] Tests [illegible]

Bldg 7

MW-7-1	1.0×10^{-4} cm/sec	Average for Bldg 7
MW-7-2	5.2×10^{-4} cm/sec	1.7×10^{-4} cm/sec
MW-7-3	1.7×10^{-4} cm/sec	(175 ft/yr)
MW-7-4	3.2×10^{-5} cm/sec	
MW-7-5	1.6×10^{-4} cm/sec	

Bldg 3

MW-3-1	9.9×10^{-4} cm/sec	Average for Bldg 3
MW-3-2	2.3×10^{-4} cm/sec	3.1×10^{-4} cm/sec
MW-3-3	9.7×10^{-6} cm/sec	(321 ft/yr)
MW-3-4	2.2×10^{-5} cm/sec	

Bldg 10

MW-10-2	6.4×10^{-5} cm/sec	Average for Bldg 10
MW-10-3	1.7×10^{-4} cm/sec	1.2×10^{-4} cm/sec
		[illegible]

Average for 11 wells tested at [illegible]

2.1×10^{-4} cm/sec

GZA GeoEnvironmental of New York
Engineers and Scientists

Project			File No.
Location		Date	By
Subject		Checked	By
Based on		Revised	By

Bldg 7

Bldg 3

Bldg 5

1) Proceedings of the Boston Society of Civil Engineers, Section of ASCE, Vol. 70, No. 2, April 1984.
2) Foundation Engineering, 2nd Edition, G.A. Leonards, 1962.

Bouwer & Rice Slug Test Method
Hydraulic Conductivity Calculation Worksheet

Project	GM Component Holdings, LLC Building 10	**Date** **Well No**	7/11/2011 MW-10-2

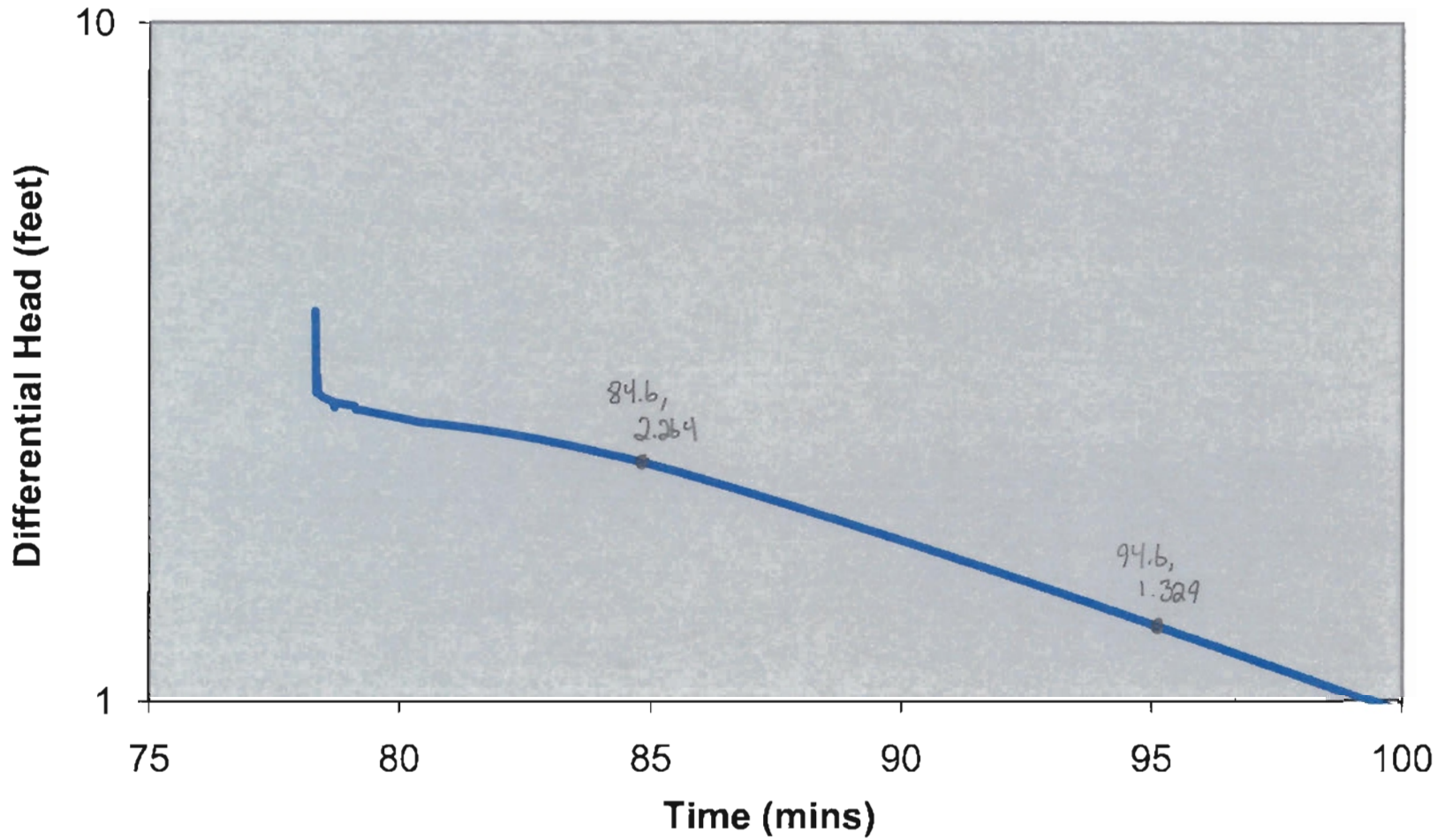
H =	50.00	feet	(aquifer thickness =>assumed to top of Rochester Shale)
Le =	7.00	feet	(wetted screen length)
Lw =	14.07	feet	(length from bottom of well to static water table)
rw =	0.156	feet	(borehole radius)
rc =	0.083	feet	(well radius)
n =	0.30		(porosity of sand pack)
yo =	2.26	feet	(drawdown difference for initial reading at flat portion of curve--see log graph)
yt =	1.33	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 =	*0.881*		*K =*	*1.26E-04*	*ft/min*	*(hydraulic conductivity)*
Re =	*2.412*	*feet*	***K =***	***6.42E-05***	***cm/sec***	***(hydraulic conductivity)***
			K =	*1.82E-01*	*ft/day*	*(hydraulic conductivity)*
			T =	*1.27E+00*	*ft^2/day*	*(transmissivity)*
			T =	***9.52***	***gpd/ft***	***(transmissivity)***
			Q =	*0.0046*	*ft^3/min*	*(flowrate)*
			Q =	*0.034*	*gpm*	*(flowrate)*

MW-10-2
Elapsed Time Vs. Differential Head



Bouwer & Rice Slug Test Method
Hydraulic Conductivity Calculation Worksheet

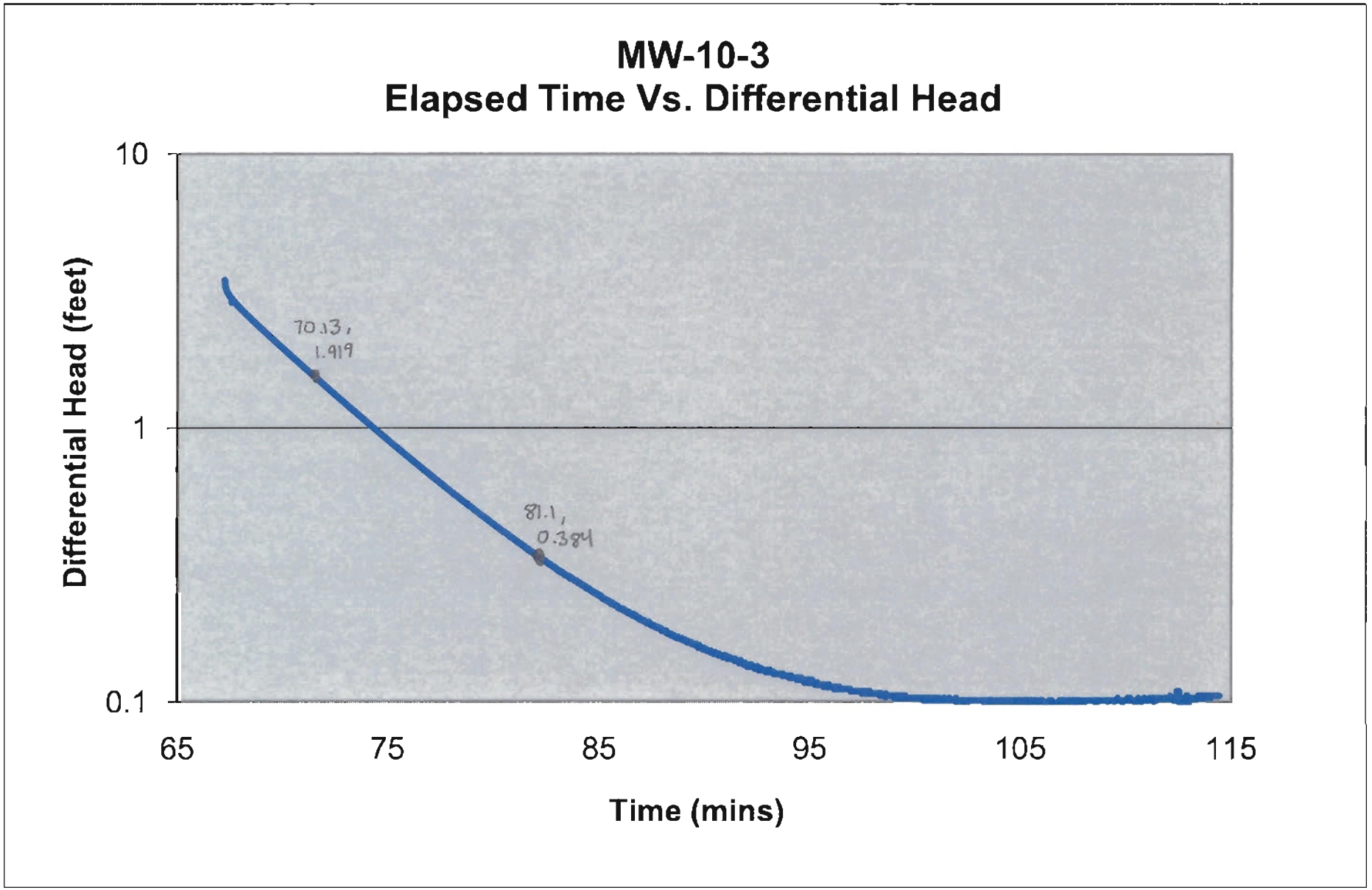
Project	GM Component Holdings, LLC Building 10	**Date** **Well No**	7/11/2011 MW-10-3

H =	50.00	feet	(aquifer thickness =>assumed to top of Rochester Shale)
Le =	7.00	feet	(wetted screen length)
Lw =	12.66	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 =	1.92	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 =	10.97	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 =	*0.834*		*K =*	*3.42E-04*	*ft/min*	*(hydraulic conductivity)*
Re =	*2.303*	*feet*	***K =***	***1.74E-04***	***cm/sec***	***(hydraulic conductivity)***
			K =	*4.92E-01*	*ft/day*	*(hydraulic conductivity)*
			T =	*3.45E+00*	*ft^2/day*	*(transmissivity)*
			T =	***25.78***	***gpd/ft***	***(transmissivity)***
			Q =	*0.0107*	*ft^3/min*	*(flowrate)*
			Q =	*0.080*	*gpm*	*(flowrate)*


MW-10-3
Elapsed Time Vs. Differential Head
Differential Head (feet)
10
1
0.1
65
75
85
95
105
115
Time (mins)
70.13,
1.919
81.1,
0.384

Bouwer & Rice Slug Test Method
Hydraulic Conductivity Calculation Worksheet

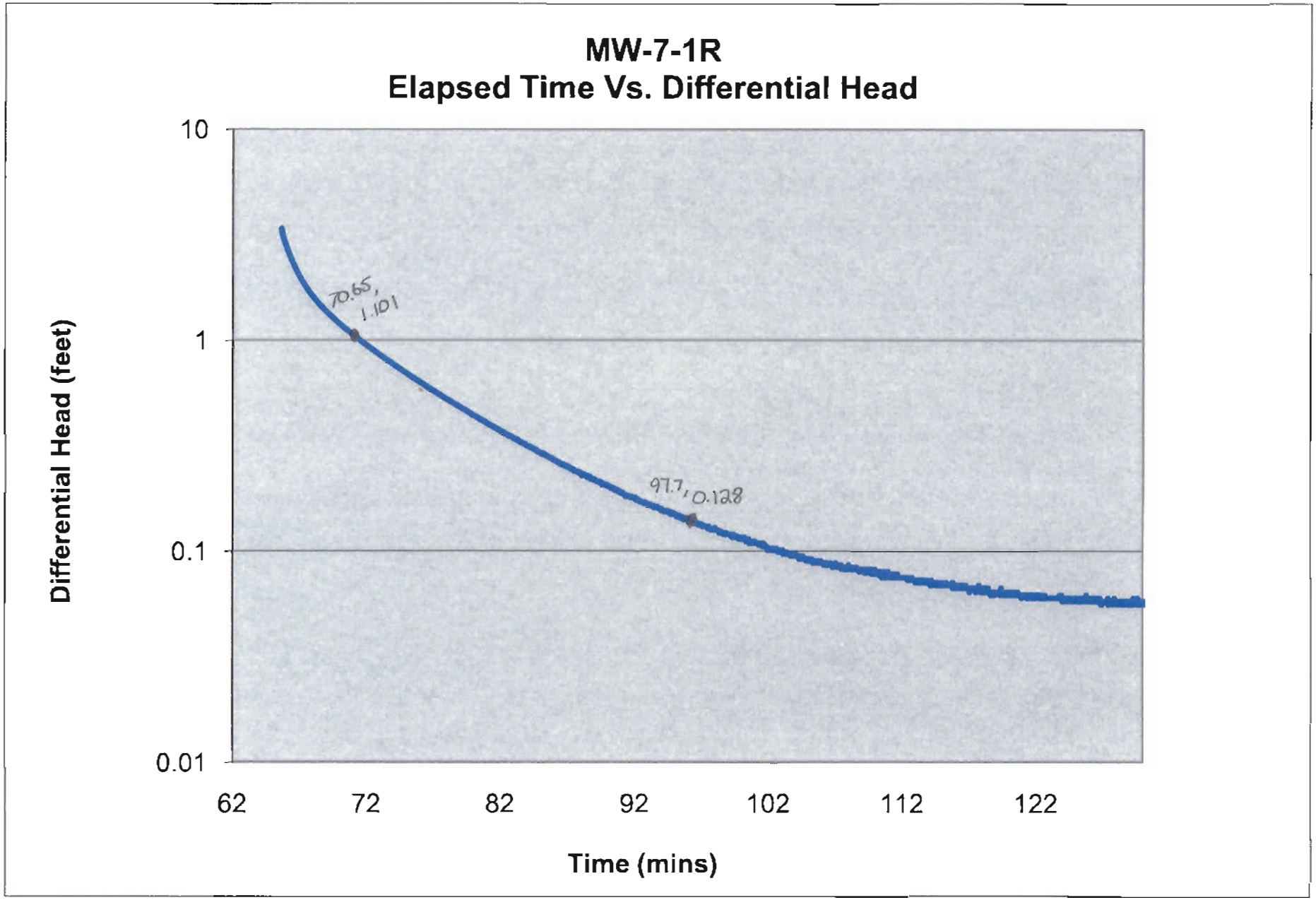
Project	GM Component Holdings, LLC Building 7	**Date**	7/11/2011
		Well No	MW-7-1R

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*	*ft^2/day*	*(transmissivity)*
			T =	***14.83***	***gpd/ft***	***(transmissivity)***
			Q =	*0.0033*	*ft^3/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]
Location	Section 7, Lockport, NY	Date	7/11/11	By	[illegible]
Subject	MW-7-1R	Checked	[illegible]	By	[illegible]
Based on	[illegible]	Revised		By	

$$K = \frac{r_c^2 \ln(R_e/r_w)}{2L_e} \times \frac{1}{t} \ln \frac{y_o}{y^*}$$

$$K = \frac{(0.110)^2 \ln(2.769/0.156)}{2(7)} \times \frac{1}{27.05} \times \ln \frac{1.1}{0.128}$$

$$K = \frac{0.0121 \ln(17.75)}{14} \times 0.0369 \times \ln 8.593$$

$$K = \frac{0.0121 \times 2.876}{14} \times 0.0369 \times 2.15$$

$$K = \frac{0.0348}{14} \times 0.0369 \times 2.15$$

$$K = 0.00248 \times 0.0369 \times 2.15$$

$$K = 1.97E^{-4} \text{ ft/min}$$

GZA GeoEnvironmental of New York
Engineers and Scientists

Page No.

Project	GM COMPONENTS HOLDINGS, LLC		File No. 21 0056546
Location	BUILDING 7, LOCKPORT, NY	Date 7/11/11	By GMD
Subject	MW-7-1R	Checked	By
Based on	Bouwer & Rice / Hvorslev	Revised	By

$$\ln Re = \ln(rw) + \left[\frac{1.1}{\ln(Lw/rw)} + \frac{A + B\ln[(H-Lw)/rw]}{Le/rw} \right]^{-1}$$

$$\ln Re = \ln(0.156) + \left[\frac{1.1}{\ln(19.25/0.156)} + \frac{2.90 + 0.46\ln[(50-19.25)/0.156]}{7/0.156} \right]^{-1}$$

$$\ln Re = -1.856 + \left[\frac{1.1}{4.815} + \frac{2.90 + 0.46\ln[197.11]}{44.87} \right]^{-1}$$

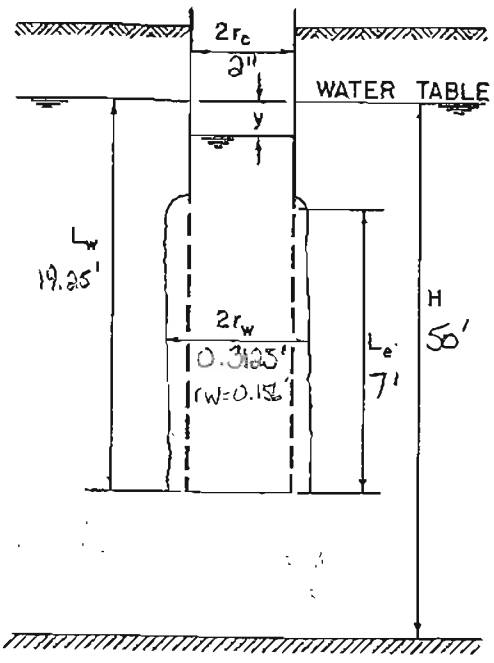
$$\ln Re = -1.856 + \left[0.228 + \frac{2.90 + 0.46 * 5.283}{44.87} \right]^{-1}$$

$$\ln Re = -1.856 + \left[0.228 + \frac{5.33}{44.87} \right]^{-1}$$

$$\ln Re = -1.856 + \left[0.346 \right]^{-1}$$

$$\ln Re = -1.856 + 2.883$$

$$\ln Re = 1.02 \checkmark$$



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 10 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.

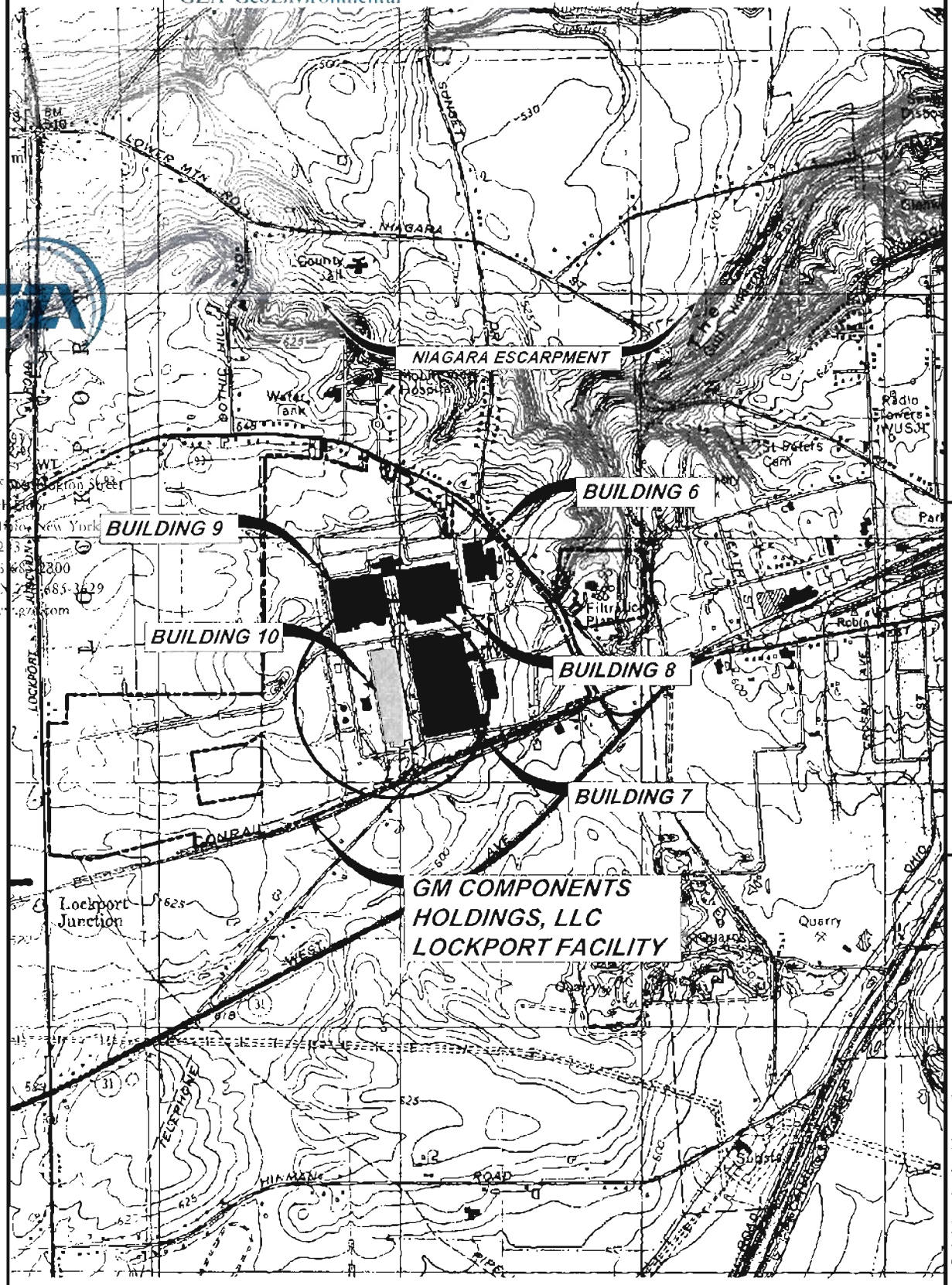
The Building 10 BCP Site a portion of a larger manufacturing facility located at 200 Upper Mountain Road, in the City of Lockport, New York. The attached Figure identifies the location Building 10 and identifies an approximate ¼ miles radius around the BCP Site.

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



DRAWN BY: DEW

DATE: NOVEMBER 2009

GZA GeoEnvironmental of New York

NOTE:
BASE MAP ADAPTED FROM U.S.G.S. TOPOGRAPHIC MAPS DOWNLOADED FROM TERRASERVER.MICROSOFT.COM

NEW YORK

GM COMPONENTS HOLDINGS, LLC
LOCKPORT FACILITY
200 UPPER MOUNTAIN ROAD
LOCKPORT, NEW YORK
BUILDING 10
BROWNFIELD CLEANUP PROGRAM APPLICATION

LOCUS PLAN

PROJECT No. 21.0056364.00

ATTACHMENT No. 2

FIGURE No. 1

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

Outfall D002 Analytical and Flow Data Summary
(See Attached CD)

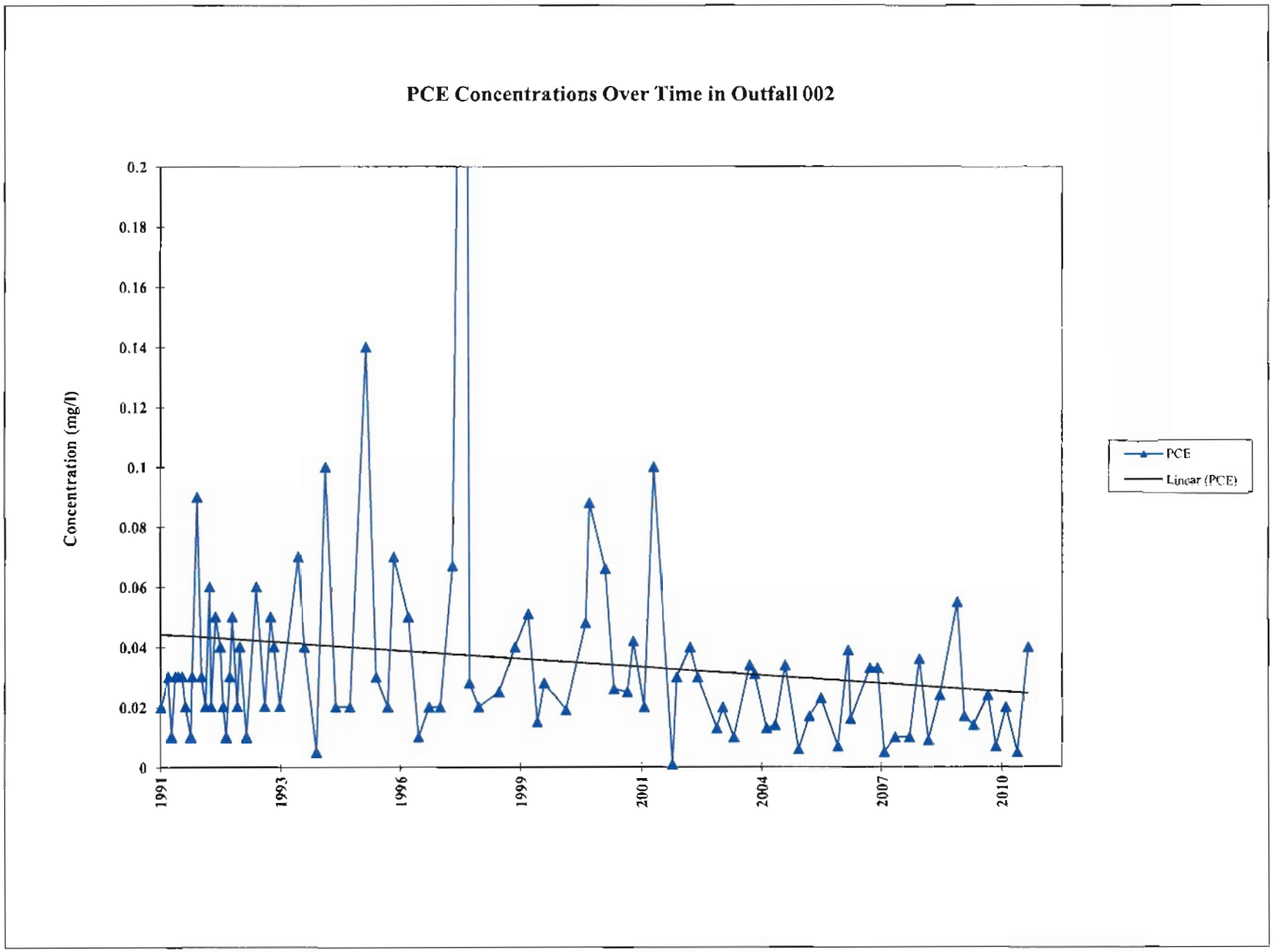
TABLE I-1
Outfall D002 Stormwater Data Summary Table
GMCH Lockport Facility

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

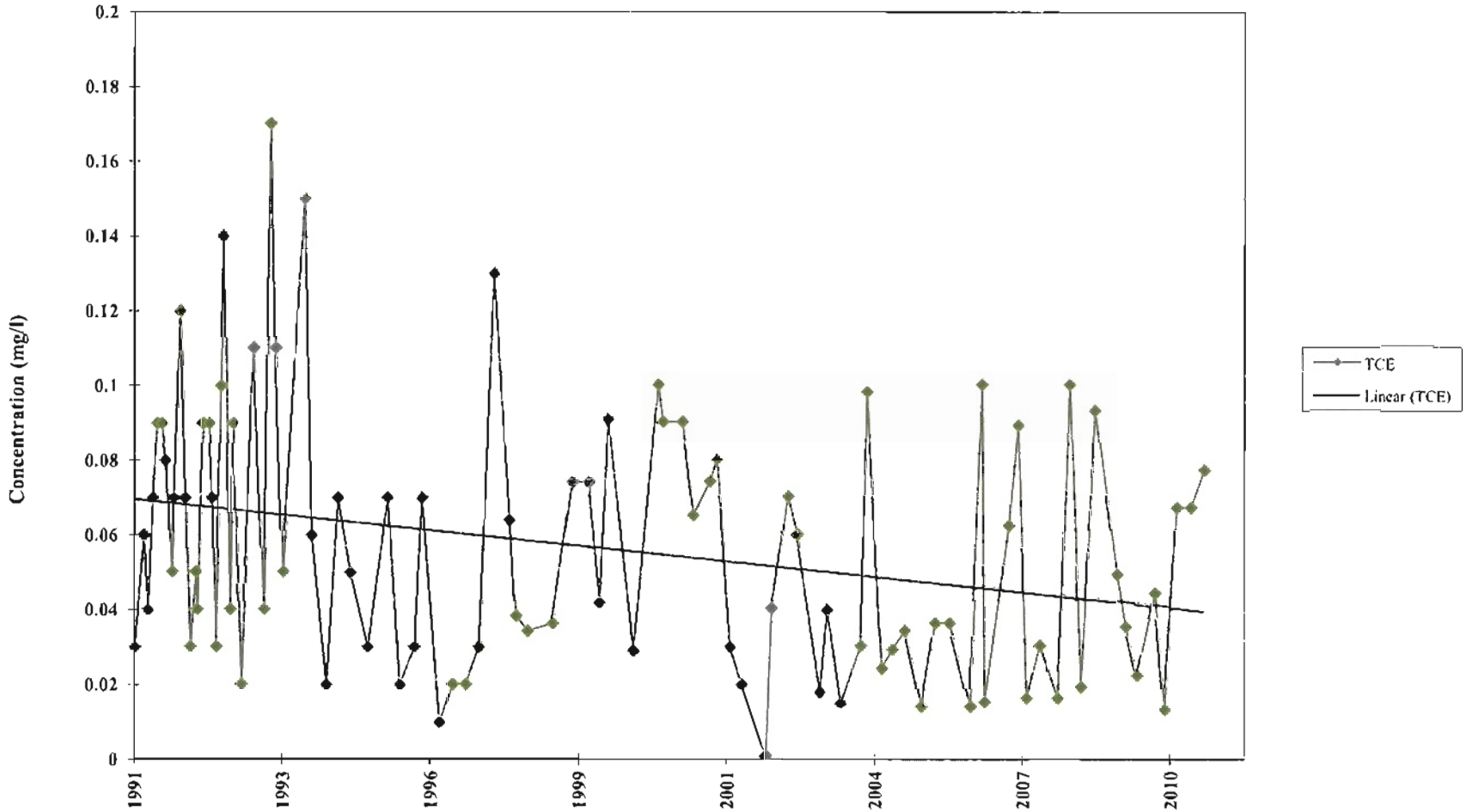
TABLE I-1
Outfall D002 Stormwater Data Summary Table
GMCH Lockport Facility

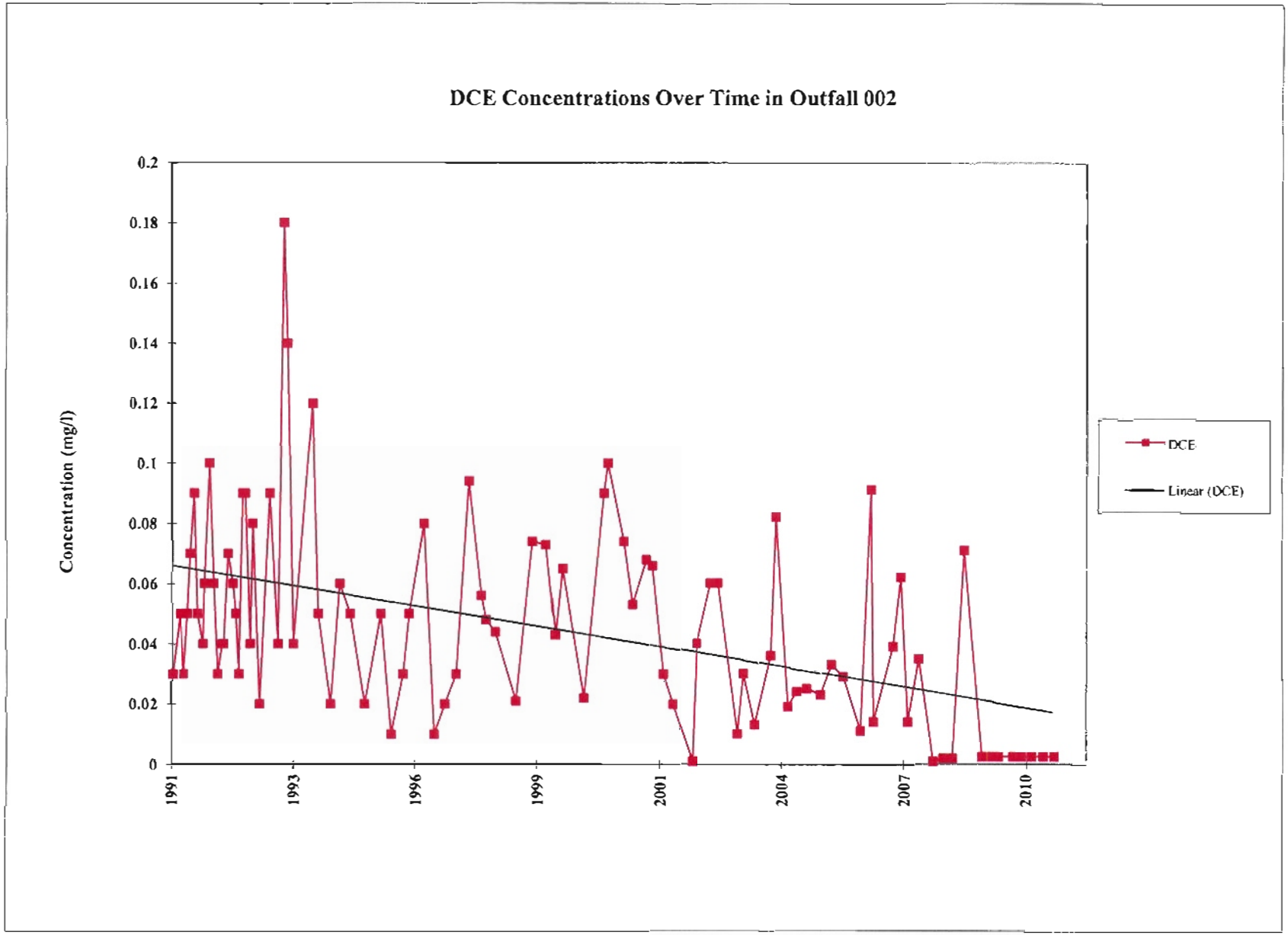
Date	TCE (mg/L)	DCE (mg/L)	PCE (mg/L)
10/13/1999	0.091	0.065	0.028
4/3/2000	0.029	0.022	0.019
9/14/2000	0.1	0.09	0.048
10/16/2000	0.09	0.1	0.088
2/25/2001	0.09	0.074	0.066
5/8/2001	0.065	0.053	0.026
8/28/2001	0.074	0.068	0.025
10/16/2001	0.08	0.066	0.042
1/15/2002	0.03	0.03	0.02
4/4/2002	0.02	0.02	0.1
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
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
PCE
Linear (PCE)

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)

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			

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			

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
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			

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		

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			

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
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			

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GMCH Lockport Facility

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			

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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			

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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			

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
4/2/2011 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			

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
4/16/2011 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			

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
4/18/2011 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			

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
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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
GMCH Lockport Facility

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			

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			

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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			

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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			

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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			

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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			

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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			

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			

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
GMCH Lockport Facility

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			

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
9/10/2011 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 Report - SEP 10

Channel: Flow 1

Site Id: 2

Description: 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 Summary

Maximum: 0.000 (gpm) 23-Sep-01 0 12:05a. m.

Minimum: 0.000 (gpm) 23-Sep-01 0 12:05a. m.

Average: 0.000 (gpm)

Total: 0.000 (gal) x1000

Month Report - OCT 10

Channel: Flow 1

Site Id: 2

Description: 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		