REMEDIAL INVESTIGATION REPORT
GM COMPONENTS HOLDINGS, LLC
200 UPPER MOUNTAIN ROAD - BUILDING 8
LOCKPORT, NEW YORK
BCP SITE #C932139

by

Haley & Aldrich of New York
Rochester, New York

for

New York State Department of Environmental Conservation
Buffalo, New York

File No. 36795-013
14 November 2011

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File No. 36795-013

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 8
Lockport, New York
BCP Site #C932139

Dear Mr. May:

On behalf of GM Components Holdings, LLC (GMCH), Haley & Aldrich of New York (Haley & Aldrich) is submitting herewith the Remedial Investigations 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 #C932139-03-10/Site #C932139, 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 of this report describing those activities, and Haley & Aldrich prepared Sections 5 and 6.

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

Sincerely yours,
HALEY & ALDRICH OF NEW YORK

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1. INTRODUCTION

This report presents the results of the Remedial Investigation (RI) performed at Building 8, GM Components Holdings (GMCH) Lockport 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 8 Site (NYSDEC Site C932139) was executed on May 20, 2010. A Site Locus Plan is included as Figure 1 and a comprehensive Site Plan is included as Figure 2.

It should be noted that there are three separate BCP Sites associated with the GMCH Lockport Facility, as follows.

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

This RI Report has been developed for the work associated with Building 8. Interpretations presented within this report are based primarily on the investigations described herein. Pertinent data from the previous investigation[1] (to be referred to as the "Previous Phase II Investigation") generated prior to entering into the BCP have been included within this report.

1.1 Purpose

The objectives of the RI 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 RIs for the three BCP Sites at the GMCH Lockport Facility were conducted concurrently.

In addition to the investigation activities conducted as part of the Building 8 BCP Site, 31 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 to assess facility-wide groundwater conditions.

The specific objectives of the RI are as follows:

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

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

1.2 Site and Surrounding Area Description

The GMCH Facility is located at 200 Upper Mountain Road in both the City and Town of Lockport, which is located in Niagara County, New York. The portion of the facility which includes Building 8 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 8 occupies approximately 13.1 of the 342 acres and is located in the north central 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 the building is currently used by maintenance for storage purposes. Building 10 has been converted to house new manufacturing operations in the northern portion of the building and the southern portion is used by GMCH as a warehouse (see Figure 2).

The City and Town of Lockport is bordered by the Town of Newfane to the north, the Town of Hartland to the northeast, the Town of Royalton to the east, the Town of Pendleton to the south, and the Town of Cambria to the west.

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 Site 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 8 was constructed in phases between 1960 and 1966 and was utilized for manufacturing since its construction. The northern portion of the building is being used for storage of product and unused equipment; manufacturing is still on-going in the southern portion of the building.

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 a portion of the facility including Building 8.

1.4 Previous Investigations

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

After completion of the CCS, a field investigation was initiated to assess soil and groundwater conditions at the 50 areas of interest (AOI) identified by the CCS (Previous Phase II Investigation). 144

soil borings were completed, and nine (9) sediment and four (4) surface soil samples were collected. Six (6) monitoring wells were installed, but only five 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 an extensive list of 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.

Three (3) AOIs located within the footprint of the Building 8 BCP site were investigated as part of the Previous Phase II Investigation. Thirty-two (32) soil probes were completed to assess the AOI associated with Building 8 (see Previous Phase II Investigation figure for Building 8 in Appendix A). At each AOI, samples were analyzed for VOCs, SVOCs, PCBs, and metals. These AOIs are as follows.

- AOI-18 was a former chromium sump area in the central portion of the building;
- AOI-22 was six (6) former degreasing locations located throughout the building; and
- AOI-23 was a historic press operations area in the northeastern portion of the building.

The investigation identified elevated levels of chlorinated solvents in soils beneath one former degreaser area (AOI-22) in the southeastern interior of Building 8, as well as chlorinated solvents in groundwater south of the building (monitoring well MW-003-B). Arsenic (As) was detected at an elevated concentration at AOI-18 and benzo(a)pyrene was detected at elevated concentrations at AOI-23.

Boring 8-001-G was one of nine (9) soil borings completed within AOI-18. Analytical results of the soil samples from 8-001-G indicated that arsenic was detected at a concentration of 65.8 mg/kg in a sample collected from 2 to 4 feet below the building slab, which is above the NYSDEC Part 375 Industrial Soil Cleanup Objective (ISCO) of 16 mg/kg. No other compounds were detected above their respective ISCO in the samples collected at AOI-18. The detection is not considered to be significant as its detection was limited to one location at a depth of 2 to 4 feet, which is above the groundwater table in this area of the Site.

Boring 8-006-F was one of seven borings completed within AOI-23. Benzo(a)pyrene (BaP) was detected at a concentration of 1.4 mg/kg in a sample collected from 8-006-F (0 to 1.5 feet below the building slab), which is above the NYSDEC Part 375 ISCO of 1.1 mg/kg. This detection is not considered to be significant as BaP is not mobile in soil, and its detection was limited to one relatively shallow depth above the groundwater table in this area of the Site. No other compounds were detected above their respective ISCO in the samples collected at AOI-23.

Trichloroethene (TCE) was detected at a concentration of 1,000 mg/kg in a sample collected from boring 8-005-3C (8 to 10 feet below the building slab), which is above the NYSDEC Part 375 ISCO of 400 mg/kg. No other compounds were detected above their respective ISCO in the samples collected at AOI-22. Data tables and figures from the Previous Phase II Investigation related to the Building 8 BCP Site are included in Appendix A.

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 disposal site area is 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 8 including test borings, monitoring well installation, soil probes, indoor air assessment, sample collection, and field information.

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

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

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

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

2. REMEDIAL INVESTIGATION (RI) ACTIVITIES

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

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 8 Site #932139" 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.

The RI activities completed as part the BCP Agreement executed in May 2010, consisted of the following:

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

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

2.1 Test Boring and Monitoring Well Installation

Earth Dimensions Inc. (EDI) completed four (4) test borings and installed four (4) bedrock groundwater monitoring wells at the Building 8 BCP Site in December 2010 and January 2011 (see Figure 3). The bedrock monitoring wells were installed to evaluate the bedrock conditions, bedrock groundwater flow direction, and collection of groundwater samples. Three (3) monitoring wells were installed inside Building 8 and one (1) well was installed on the eastern exterior portion of Building 8.

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 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). 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 soil sample was collected for laboratory analytical testing from each of the four (4) 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 mixture) was allowed to set for at least 24 hours prior to initiating rock coring. A 3-7/8 inch diameter rock core barrel was then used to core into bedrock. Bedrock cores recovered ranged from 9 feet to 10.3 feet in length. Following the completion of rock coring, the water used during coring activities was containerized for subsequent disposal by GMCH (see Appendix B).

The recovered rock core samples were logged including run number, sample interval, length of sample recovered, rock quality designation (RQD), depth where drill water was lost, and a description of the rock sampled and individual discontinuities (bedding planes, joints, voids, etc.). 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 remainder of the borehole was completed at ground surface with cement and a protective steel road box. Well installation diagrams are shown on the boring logs presented in Appendix C.

Following installation, the wells were developed utilizing a centrifugal pump on the drill rig to evacuate the wells and remove cuttings and check that the wells were functioning properly. The monitoring wells were pumped to dry-like conditions, allowed to recharge for approximately 1 hour and then pumped to dry-like conditions again. 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-8-1	12 gallons	2.8 gallons	4.3
MW-8-2	9 gallons	2.5 gallons	3.5
MW-8-3	6 gallons	2.2 gallons	2.7
MW-8-4	10 gallons	2.4 gallons	4.1

Groundwater samples were collected using low-flow techniques from each of the four (4) bedrock wells for the analysis of VOCs. A summary of the samples collected and the analysis performed is shown on Table I. Analytical test results from the groundwater samples collected from the bedrock monitoring wells are summarized on Table III and Table IV and discussed in Section 4.7.

2.2 Soil Probe Exploration

Matrix Environmental Technologies, Inc. (Matrix) installed twelve (12) soil probes inside Building 8 in December 2010 (see Figure 3). These soil probes are designated as 8-SB-1 through 8-SB-12. The soil probe logs are contained in Appendix C.

Five (5) soil probes were completed in the southeastern portion of the building to delineate the extent of TCE contamination previously identified in soil boring 8-00503C at a depth of 8 to 10 feet below the building slab. The five (5) soil probes were drilled at locations approximately 20 to 25 from soil boring 8-00503C (see Figure 3) to assess the potential extent of the TCE present in the subsurface soil.

Four (4) soil probes were completed in the northern central portion of the building to delineate the extent of arsenic contamination (65.8 mg/kg) previously identified in soil boring 8-001-G at a depth of 2 to 4 feet below the building slab. The four (4) soil probes were drilled at locations approximately 15 to 20 feet from soil boring 8-001-G (see Figure 3) to assess the potential extent of the arsenic present in the subsurface soil.

Three (3) soil probes were also completed in the western interior portion of Building 8 (see Figure 3) for general site coverage as the Previous Phase II Investigation did not assess this portion of the building west of the Former Chromium Sump Area (AOI-18, see Figure 3).

Soil probes were advanced using direct push methodology via hydraulic hammer on a track mounted probe rig. Soil samples were collected with a macrocore sampler which contained a 2-inch outer diameter by 48-inch long acetate liner. A new acetate liner was used for each subsequent 4-foot sample run.

Prior to drilling 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 8-SB-1 through 8-SB-12. Probes were pushed through fill material and native overburden soils to the top of bedrock and/or refusal, which ranged in depth from approximately 4.5 feet (8-SB-11) to 12.5 feet bgs (8-SB-9).

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

2.3 Field Screening

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 and 10.6 eV bulb. The OVM was calibrated daily during its use, in accordance with manufacturer's requirements, using a standard gas (isobutylene). 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 response per 2-foot screening interval was recorded on the boring and soil probe logs in Appendix C.

2.4 Soil Vapor Intrusion (SVI) Sampling

Soil vapor intrusion (SVI) sampling was completed within Building 8 in January 2011 to assess if SVI is occurring within Building 8. Five (5) indoor air and sub-slab and one (1) outdoor background samples were collected on January 18, 2011 (see Figure 3). The indoor air samples are designated with an "IA" (e.g., 8-VI-1IA), the sub-slab samples are designated with a "SS" (e.g., 8-VI-1SS) and the outdoor air samples was designated 8-VI-OUT.

GMCH maintains a database of approved chemicals and chemical products stored and used within Building 8. GMCH provided a sorted 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 8. A copy of the database was provided for review prior to completing the air sampling and is included in Appendix D.

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

Sampling Location	Product Present	Field Screening Result	Background Field Screening Result
8-VI-1	All Purpose Lube General Purpose Cleaner Ammonia Hydroxide	75 ppb 62 ppb 109 ppb	75 ppb
8-VI-2	No products present	Not applicable	8 ppb
8-VI-3	No products present	Not Applicable	10 ppb
8-VI-4	C-AE (Fuchs Lubrodal) Coil Guard	200 ppb 187 ppb	135 ppb
8-VI-5	Draw Lube	270 ppb	240 ppb

Five (5) indoor air samples (IA) were collected from within Building 8 (see Figure 3). The IA samples were collected from the breathing zone approximately 4 feet above the floor slab and designated 8-VI-1IA through 8-VI-5IA. Polyethylene tubing was connected to the regulator using band clamps and extended into the air with wood lath to achieve the approximate 4-foot sampling height.

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

Five (5) sub-slab vapor samples were collected from within Building 8. The sub-slab vapor samples were collected from under the floor slab through an approximate 1/2-inch diameter hole drilled in a competent portion of the concrete floor away from cracks or drains. Clean, dedicated polyethylene tubing was placed into the hole to the base of the concrete slab and sealed at the floor surface with modeling clay. The sub-slab vapor samples were collected from within 10 feet of the IA sample locations (see Figure 3).

Prior to collecting the sub-slab vapor samples, helium gas was used as a tracer gas to check for surface air infiltration through the surface seal into the subsurface. A helium detector was used to measure helium concentrations in sub-slab vapor drawn up from the subsurface inside the polyethylene tubing. Helium was released into an enclosure (i.e., 5-gallon bucket modified to allow injection of helium and subsurface tubing to pass through the top) that was placed over the top of the surface seal to determine if the surface seal was sufficient (see Air/Vapor Sampling Forms in Appendix E). The detected concentrations were below the guidance provided by the October 2006 NYSDOH "Final Guidance for Evaluating Soil Vapor Intrusion in the State New York" (NYSDOH VI Guidance) for tracer gas detection. Prior to removing the enclosure from over the top of the surface seals, a helium measurement was collected from inside the enclosure. Helium concentrations inside the enclosure ranged from 85 to 95%.

One (1) ambient outdoor air sample was collected from an exterior location upwind of Building 8. The outdoor air sample was collected on the day of the indoor air sampling event from approximately 5 feet above the ground surface at the location shown of Figure 3.

The SVI sampling was completed using dedicated, laboratory-supplied flow regulators and sample canisters set for an approximate eight-hour duration (standard shift duration in a commercial/industrial facility). The SVI samples were generally collected for about 8 hours, except 8-VI-1IA, which was stopped after about 5 hours. The vacuum on the air canister had dropped to below -5 inches of mercury (in. Hg) and was shut down to maintain a vacuum on the canister. The other IA, SS, and outdoor air canisters were also shutdown to maintain a vacuum on the canisters after approximately 8 hours (see Air/Vapor Sampling Form in Appendix E).

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

2.5 Hydraulic Conductivity Testing

The hydraulic conductivity of the four (4) bedrock monitoring wells installed as part of the Building 8 RI were calculated via slug test methodologies using water levels measured by an electronic pressure transducer (Insitu MiniTroll). Prior to installing the slug, an electronic pressure transducer was placed into

the monitoring well approximately 2 feet from the bottom of the well. The pressure transducer was used to measure and record the recovery of the water column in the well. The pressure transducer was allowed to stabilize within the well based on the review of real time field readings on a laptop computer. In order to check that the transducer was working properly, upon stabilization the transducer was lifted approximately 1 foot up the water column for about 30 seconds to 1 minute and set back to rest 2 feet above the bottom of the well. The transducer reading was observed to correspond with this change in depth within the water column, confirming that the transducer was working properly.

The slug utilized for the testing consisted of a five-foot long by 1.5-inch diameter solid piece of PVC 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 at least 1 hour. The slug was then quickly removed from the well and the recovery of the water column in the well was measured and recorded by the pressure transducer. The data along with the static water level and monitoring well information (intake zone, diameter, etc.) were analyzed in accordance with methodologies outlined in Bouwer and Rice[2], as further discussed in Section 3.7.

2.6 Groundwater Sampling

In addition to the four (4) newly-installed groundwater monitoring wells, groundwater samples were also collected from four (4) existing wells (MW-6-F-8, MW-8-003-B, MW-6-1 and MW-6-2; see Figure 3) as part of the Building 8 BCP work. These eight (8) monitoring wells are considered to be the Building 8 BCP Site monitoring well network.

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

- Building 8 BCP Site New and Existing Wells: 8
- Building 7 BCP Site New and Existing Wells: 11
- 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 these 39 locations. Some of these monitoring well locations had additional sampling requirements depending upon the rationale for the sampling.

Groundwater sampling was conducted utilizing 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 8 BCP Site and the analysis performed is shown on Table I. Analytical test results from the groundwater samples collected from the bedrock monitoring wells are summarized on Table III and Table IV and discussed in Section 4.7. Groundwater generated during the well purging was containerized for subsequent disposal by GMCH (see Appendix B).

2.7 Environmental Sampling

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

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

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

The analytical data packages were submitted to Conestoga Rover 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 four (4) monitoring wells and twelve (12) soil probes completed as part of the Building 8 RI. A duplicate soil sample was collected from 8-SB-12 (10 to 12 feet) and a MS/MSD sample was collected from 8-SB-3 (8 to 11.5 feet). A summary of analytical samples collected and the analyte list are presented in Table I; results are presented in Table II.

2.7.2 Groundwater Samples

Eight (8) groundwater samples (excluding duplicate and MS/MSD samples) were collected from the eight (8) monitoring wells in the Building 8 BCP Site monitoring well network locations as part of the Building 8 RI. A duplicate groundwater sample was collected from MW-8-3 and MS/MSD samples were collected from MW-8-4. 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

Eleven (11) SVI samples (excluding duplicate samples) were collected as part of the Building 8 BCP RI. Five (5) of the samples were IA samples, five (5) of the samples were SS vapor samples, and one (1) sample was an ambient outdoor air sample that was collected from an exterior location upwind of Building 8. A duplicate sample was collected from 8-VI-1IA. A summary of analytical samples collected and the analyte list are presented in Table I; results are presented in Table V.

2.8 Building 8 Subsurface Utility Assessment

A plan view of the subsurface piping for Building 8 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 four (4) types of sewers present beneath Building 8, as follows.

- Treated Sewers – These sewers contain contact cooling water and/or untreated manufacturing waste water. The treated sewers were directed to the former waste water treatment plant (WWTP) until 2006 when it was taken out of service. The treated sewers currently discharge

via the sanitary sewer to the City of Lockport WWTP per permit number CL860103. The treated sewers are identified in dark blue on Figures 4 and 5.

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

- Sanitary Sewers – These sewers contain sanitary sewage from the restrooms and sinks present throughout Building 8. 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 8. 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, operating under NYSDEC SPDES Permit Number NY 000 0558. 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 storm sewer, treated sewer, and sanitary sewer pipes that are present beneath the building and orientated from west to east, are present beneath the groundwater table. Some north-south orientated process, storm and sanitary sewer pipes are 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. The majority of the storm water, sanitary, treated, and process water (if present) from the individual buildings at the GMCH Facility are directed to the utility corridor which is present in the central portion of the facility with pipes generally flowing in a west to east direction. A significant portion of the subsurface piping 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 licensed land surveyor (McIntosh & McIntosh, PC) completed a survey of the monitoring wells along the exterior of Building 8. The ground surface, road box, and monitoring point elevations of the monitoring wells were measured and referenced to the National Geodetic Vertical Datum (NGVD). The exterior monitoring well was also measured horizontally and referenced to the NAD83/96, New York State Plane Coordinates, West Zone.

Detailed building drawings were provided by GMCH that identified sampling locations within the footprint of the building, and were used to locate the interior sampling locations. The interior monitoring wells and soil probe surface elevations were determined using the floor elevation from within Building 8 (elevation 615.46). The survey points for 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 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 8 BCP Site is approximately 13.1 of the 342.25 acres that make up the GMCH facility. The majority of the Building 8 BCP Site consists of the footprint of Building 8 (see Figure 2). The ground surface and building concrete floor slab are generally level surfaces and the concrete floor slab is approximately 2 to 4 feet higher than ground surface outside the building. The floor elevation within Building 8 is 615.46 feet above mean sea level.

North of the Building 8 BCP Site is a parking lot and beyond that are residential homes along Upper Mountain Road. To the east are Building 6, (space leased from GMCH by Delphi Automotive System and used for Engineering), the Delphi Harrison Thermal Systems Inactive Hazardous Waste Site (Site No. 9-32-113), and Upper Mountain Road. To the south is Building 7, beyond which is a New York Central Railroad line. To the west is Building 9, beyond which is unused GMCH property and the Town of Lockport Industrial Park.

The Building 8 BCP Site is occupied by one building with an approximate 553,436 square-foot footprint. The building has been used for manufacturing since it was built in stages from 1960 to 1966. Areas not occupied by the building include a paved area used as storage, parking, and loading docks.

3.2 Meteorology

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

3.3 Surface Water Hydrology

3.3.1 Regional Surface Water Hydrology

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

3.3.2 Site Surface Water Hydrology

As the majority of the Building 8 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 stormwater catch basins which are directed to the storm sewer system, or pond at low points where infiltration and/or evaporation occur.

Surface water entering the storm sewer system flows to Outfall D002, located east of Building 8 (see Figure 2). During periods of low flow (i.e. flow rates less than 300 gpm) storm water at Outfall D002 is directed to the City of Lockport WWTP. During periods of high flow (i.e. flow rates greater than 300 gpm), storm water is discharged to the drainage swale east of Outfall 002, which flows east and connects with The Gulf stream (see Section 3.6 for definition) which enters the GMCH Lockport Facility from the southern property boundary. The Gulf stream flows northeast beneath Upper Mountain Road and into The Gulf at a location east of the GMCH facility, and eventually to Eighteenmile Creek.

3.4 Regional Geology

The existing topography in the vicinity of the GMCH facility is generally flat. At the GMCH Lockport Facility, there is 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 base 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 8 BCP Site typically consist of fill material ranging in thickness from about 2.5 (MW-8-1) to 8 feet (8-SB-1 and 8-SB-2). The fill material ranges from fine grained silts and clays (potentially reworked native soils) to sand and gravel, and 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 8 to 12 feet below the surface.

3.5.2 Bedrock

Bedrock underlying the GMCH facility is the Lockport Dolomite Formation. Four (4) shallow bedrock monitoring wells were installed in the Lockport Dolomite as part of the Building 8 BCP RI. The four (4) bedrock wells were advanced through the overburden soil and approximately 11 to 12 feet into the upper bedrock.

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

RQD values for bedrock cores obtained from the Building 8 BCP Site generally ranged from 72 to 95 percent, with the exception of the rock core from MW-8-4 from 12 to 16.8 feet (44 percent). The upper 4 to 5 feet of bedrock cored had RQD values between 44 and 95 percent with an average of about 76 percent. The next 5 feet of cored bedrock had RQD values between 72 and 95 percent with an average of about 85 percent. In general, the rock cored/sampled in the borings completed as part of the Building 8 RI did not exhibit extensive fractures or jointing, with the exception of rock core from MW-8-4 at 12 to 16.8 feet.

3.6 Regional Hydrogeology

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

3.7 Site Hydrogeology

Four (4) bedrock groundwater monitoring wells (see Figure 3) were installed at the Building 8 BCP Site as part of the RI. Water levels in these bedrock wells range from 5 to 9 feet bgs based on measurements collected on May 2, 2011 (see Table VI). Groundwater flow direction appears to be in a south to southeast direction with a gradient of about 0.003 based on the groundwater elevations of MW-8-1, northwest interior corner of Building 8, and MW-7 located outside the southeast corner (see Figure 8).

Groundwater beneath the entire GMCH facility (based on the measured groundwater elevations from 43 monitoring wells on May 2, 2011) flows generally from east to west with a gradient of about 0.009, based

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

Groundwater flow within the bedrock at the Building 8 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 8 BCP Site RI indicate the rock encountered during the coring is generally not highly fractured or jointed.

3.7.1 Hydraulic Conductivity and Groundwater Flow Velocities

Estimated horizontal hydraulic conductivity values were calculated from rising head slug tests conducted in the four (4) bedrock monitoring wells. As shown in Appendix G, the hydraulic conductivity in the Building 8 BCP Site (inclusive of MW-8-1 through MW-8-4) is relatively low and varies between approximately $9.7x10^{-6}$ cm/s (MW-8-3) and $9.9x10^{-4}$ cm/s (MW-8-1) or about 0.03 to 2.8 feet per day (fpd), with an average of about 0.9 fpd.

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

- Building 7 BCP RI Wells: $1.6x10^{-6}$ cm/s to $5.2x10^{-4}$ cm/s (0.005 to 1.5 feet per day);
- Building 10 BCP RI Wells: $6.4x10^{-5}$ cm/s to $1.7x10^{-4}$ cm/s (0.2 to 0.5 feet per day); and
- Delphi Site: $1.1x10^{-6}$ cm/s to $1.1x10^{-2}$ cm/s (0.003 to 31 feet per day)

Groundwater flow velocities within the upper bedrock were calculated using Darcy's Law. We have 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 fracture porosity. The hydraulic conductivity and gradient were determined based on field measurements.

The porosity was estimated by assessing published values for fracture porosity. Snow[3] estimated fracture porosity to be on the order of 0.01 to 0.4%. 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%[4]. Freeze and Cherry[5] estimated porosity in fractured rock to be between 0 and 10% and Fetter[6] reported values from limestone and dolomite range from less than 1 percent to 30%. It is expected that the porosity ranges from less than 1% to 10% for the shallow fractured bedrock at the GMCH facility. Groundwater velocities were calculated using 0.5% and 5% to identify the potential range of groundwater velocities.

Utilizing a horizontal hydraulic gradient for Building 8 of 0.003, an average hydraulic conductivity of 320 feet per year, and assumed effective porosities of 0.005 and 0.05, the average linear

3 "Rock Fracture Spacings, Openings and Porosities", Snow, D., Journal of Soil Mechanics and Foundations Division, Proceedings of the American Society of Civil Engineers, January 1968.
4 "Rock Mechanics"; Jumikis, A. R.; Trans Tech Publications, 1983.
5 "Groundwater"; Freeze, R. A., and Cherry, J.A; Prentice Hall Inc, 1979.
6 "Applied Hydrogeology" 3rd Edition; Fetter, C.W.; MacMillan College Publishing Company, 1994.

velocity for groundwater ranges from 32 to 320 feet/year, with an average of approximately 176 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 8 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 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 Building 8 BCP Site (manufacturing facility) is in an area of mixed residential agricultural, commercial, and industrial located in the City of Lockport. There is a very limited fish and wildlife population within a ¼ mile radius of the Building 8 BCP Site because it is located within a larger manufacturing facility (GMCH Lockport Facility) area (See Figure 12). There are no state or federal wetlands or streams with ¼ mile radius of the Building 8 BCP Site (see Figure 12).

Step #9 identified the following resources:

- Any endangered, threatened or special concern species or rare pants 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; *A drainage ditch is present approximately ¼ mile east of Building 8 and receive high flow storm water discharge from Outfall D002 and operated under NYSDEC SPDES Permit Number NY 000 0558.*
- 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 for NYSDEC Natural Heritage Unit indicated that "no records of rare or state-listed animals or plants, significant natural communities, or other significant habitats, on or in the immediate vicinity of your site" (see Appendix H).

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

Step #14: No FWRIA needed.

4. REMEDIAL INVESTIGATION RESULTS

This section discusses the nature and extent of contamination at the Site.

4.1 Data Validation Reports

TestAmerica Laboratories Inc. provided analytical laboratory services for this RI. Conestoga Rovers and Associates (CRA) of Niagara Falls, New York prepared the quality assessment and validation reports (QAVR) for the analytical data collected as part of the Building 8 BCP RI. One report was prepared for each of the environmental media collected. These reports are as follows.

- Memorandum from CRA – "Data Quality Assessment and Validation, BCP Investigation, Building 8 Soils, GM-Lockport, Lockport, New York, December 2010 - January 2011" dated February 15, 2011;
- Memorandum from CRA – "Data Quality Assessment and Validation, BCP Investigation, Building 8 Air, GM-Lockport, Lockport, New York, January 2011" dated March 22, 2011; and
- Memorandum from CRA – "Data Quality Assessment and Validation, BCP Investigation, Building 8 Groundwater, GM-Lockport, Lockport, New York, April 2011" dated July 7, 2011.

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

- Soil QAVR: The data 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 the report. No data were rejected.

- Air QAVR: 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 the report. No data were rejected.

- Groundwater QAVR: The data were 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

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 comparison with the subsurface analytical data for cleanup objectives and when performing the qualitative exposure assessment.

Groundwater

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

Soil Vapor Intrusion Samples

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

4.3 Contaminant Types

Discussions of laboratory analytical results for the various 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 8 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

Soil probes were completed inside Building 8 to assess two areas where soil contamination was identified during the previous investigation and for general site coverage, as the Previous Phase II Investigation did not assess the western portion of Building 8 west of the Former Chromium Sump Area. The two areas where soil contamination was identified previously are as follows:

- TCE contamination was identified in previous soil boring 8-005-3C at 1,000 mg/kg in a soil sample from 8 to 10 feet below the building slab; and
- Arsenic contamination identified in soil boring 8-001-G at 65.8 mg/kg in a soil sample from 2 to 4 feet below the building slab.

Five (5) soil probes (8-SB-1 through 8-SB-5) were completed around the location of 8-005-3C. TCE was detected in four of the five samples collected from these five soil probes. The concentrations of TCE detected ranged from 0.96 ug/kg to 450 ug/kg, which are below both the Part 375 USCOs and PGWSCOs. Therefore, TCE soil contamination previously identified at 8-00503C does not appear to be widespread in the soil. However, cis-DCE was detected in three soil samples: 8-SB-3, 8 to 11.5 feet (400 ug/kg); 8-SB-4, 10 to 11 feet (270 ug/kg); and 8-SB-5, 10 to 11 feet (700 ug/kg) at concentrations above the Part 375 PGWSCO of 250 ug/kg.

Four (4) soil probes (8-SB-6 through 8-SB-9) were completed around the location of 8-001-G. Arsenic was detected in the four (4) samples collected from these soil probes at concentrations ranging from 3.4 mg/kg to 6.9 mg/kg, which are below both the Part 375 USCOs and Part 375 PGWSCOs. Therefore, the As soil contamination previously identified at 8-001-G does not appear to be widespread in the soil.

However, lead was detected in the soil sample 8-SB-9, above the groundwater table at 2 to 4 feet, at a concentration of 2,420 mg/kg, which exceeds it Part 375 PGWSCO (450 mg/kg).

The analytical results from the three (3) soil probes completed in the western portion of Building 8 and the four (4) test borings for monitoring well installations did not identify contaminants at concentrations exceeding their respective Part 375 USCOs or Part 375 PGWSCOs.

Results of the groundwater sampling from the four (4) monitoring wells installed as part of the RI identified elevated levels of VOCs at MW-8-2 (TCE at 660 μg/L; VC at 270 μg/L; and cis-DCE at 9,300 μg/L) located near a former degreaser location in the southwestern portion of the building.

4.5 Surface Soil Analytical Results

Surface soil samples were not collected as part of this RI, as the entire Building 8 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 QA/QC samples) were collected for analysis from twelve (12) soil probes and four (4) test borings completed as part of the Building 8 RI. Of the 16 samples collected:

- Twelve (12) were analyzed for VOCs via SW-846 8260B;
- Seven (7) were analyzed for SVOCs via SW-846 8270C;
- Seven (7) were analyzed for PCBs via SW-846 8082; and
- Seven (7) were analyzed for metals via SW-846 6010/7000 Series.

A summary of samples collected for laboratory analysis and the analyte list is presented in Table I. Analytical results are summarized on Table II and in Figure 9.

4.6.1 Volatile Organic Compounds (VOCs)

Twelve (12) subsurface soil samples (excluding QC duplicate and MS/MSD samples) were analyzed from the twelve (12) soil probes and four (4) test borings completed as part of the Building 8 RI for VOCs.

From these twelve (12) soil samples, five VOCs were detected above method detection limits, which include acetone, methylene chloride, TCE, VC, and cis-DCE (see Table II). Cis-DCE was detected at three (3) locations and acetone was detected at one location at concentrations that exceeded their respective Part 375 PGWSCOs.

4.6.2 Semi-Volatile Organic Compounds

Seven (7) subsurface soil samples (excluding QC duplicate and MS/MSD samples) were analyzed from the twelve (12) soil probes and four (4) test borings completed as part of the Building 8 RI for SVOCs.

Thirteen (13) SVOCs were detected above method detection limits in three of the seven (7) samples (see Table II). None of the detected concentrations of these 13 compounds exceeded their respective Part 375 PGWSCOs.

4.6.3 Polychlorinated Biphenyls (PCBs)

Seven (7) subsurface soil samples (excluding QC duplicate and MS/MSD samples) were analyzed from the twelve (12) soil probes and four (4) test borings completed as part of the Building 8 RI for PCBs. No PCBs were detected above method detection limits.

4.6.4 Metals

Seven (7) subsurface soil samples (excluding QC duplicate and MS/MSD samples) were analyzed from the twelve (12) soil probes and four (4) test borings completed as part of the Building 8 RI for metals.

From these seven (7) soil samples, 23 different metals were detected above method detection limits (see Table II). Lead was detected at 8-SB-9 (two to four feet) at a concentration of 2,420 mg/kg, which exceeds the Part 375 PGWSCO of 450 mg/kg and CSCOs of 1,000 mg/kg. None of the other metals were detected at concentrations above their respective Part 375 PGWSCO.

4.7 Groundwater Analytical Results

Eight (8) groundwater samples were collected as part of the Building 8 RI for VOCs analysis. The groundwater samples were collected from the four (4) monitoring wells (MW-8-1 through MW-8-4) installed as part of the Building 8 RI and four (4) existing monitoring wells (MW-8-003-B, MW-6-F-8, MW-6-1, and MW-6-2).

Figure 3 shows the approximate locations of the sampled monitoring wells; the groundwater analytical results are summarized on Tables III and IV and Figure 10.

4.7.1 Volatile Organic Compounds

Five (5) VOCs (PCE, TCE, cis-DCE, trans-DCE, and VC) were detected above method detection limits in five (5) of the eight (8) groundwater samples collected (see Table III and Table IV). VOCs were not detected above method detection limits in the groundwater samples from monitoring well MW-6-F-8, north of the Building 8 BCP Site, and both MW-6-1 and MW-6-2, which are east of the Building 8 BCP Site, close to the eastern property line along Upper Mountain Road.

One (1) VOC, cis-DCE, was detected in the groundwater sample collected from MW-8-1 at a concentration of 0.86 ug/L, which is below the NYSDEC Class GA criteria of 5 ug/L.

VOCs were detected at concentrations exceeding their respective Class GA criteria at the other four (4) well locations, as follows.

- MW-8-2: Cis-DCE (9,300 ug/L), TCE (660 ug/L), and VC (270 ug/L);
- MW-8-3: TCE (9.3 ug/L);

- MW-8-4: Cis-DCE (68 ug/L), TCE (12 ug/L), and VC (17 ug/L); and
- MW-8-003-B: Cis-DCE (190 ug/L), PCE (300 ug/L), TCE (110 ug/L), and VC (19 ug/L).

Based on the groundwater sample results, it appears that a potential source of groundwater contamination may be present in the southwestern portion of the building near a former degreasing operation.

In addition to the eight (8) groundwater samples collected for VOCs analysis as part of the Building 8 RI, 31 additional monitoring wells located throughout the GMCH facility were sampled for VOCs as part of other BCP RIs or other NYSDEC program work. A posting map depicting the VOC concentrations for the entire GMCH facility is shown on Figure 10 and also summarized on Table IV.

Based on the findings of the BCP RIs and other sampling completed, VOCs are present in the groundwater at Building 7 and beneath a portion of Building 8. To the east of Building 8 is the Delphi Harrison Site (discussed in Section 1.4) where VOCs are also present in the groundwater. However, it does not appear that the contamination is migrating off-site as groundwater samples from six (6) of the seven (7) monitoring wells along the GMCH facility eastern property line (downgradient location) do not contain VOCs above method detection limits. The six (6) wells from north to south include: MW-6-2, MW-6-1, MW-11, MW-13, MW-7-2, and MW-7-4. PCE (6.7 ug/L) was detected slightly above its respective Class GA criteria (5 ug/L) at MW-15, which is also along the eastern property line.

4.8 Sub-slab and Indoor Air Analytical Results

Five (5) IA, five (5) sub-slab vapor samples, and one (1) outdoor air samples (excluding QC duplicate sample) were collected for VOCs analysis via TO-15 as part of the Building 8 BCP Site RI. Results of the SVI sampling identified 30 different VOCs that were detected in the air samples collected above method detection limits (see Table V). The results of the IA samples and the SS vapor samples were compared to the decision matrices provided in the NYSDOH "Guidance for Evaluating Soil Vapor Intrusion in New York State" (2006) as summarized in Table V and presented on Figure 11.

TCE was the only VOC detected in the five (5) IA samples at a concentration exceeding the NYSDOH Air Guideline Value (AGV) of 5 micrograms per cubic meter (ug/m^3). TCE concentrations detected ranged from 7 ug/m^3 (8-VI-2IA) to 16 ug/m^3 (8-VI-4IA), slightly above the NYSDOH AGV. This AGV is considered extremely low relative to the other regulatory and advisory values used by other agencies that govern chemical exposure in industrial work environments. By comparison, the Occupational Safety and Health Administration (OSHA) has established the following regulatory values for TCE.

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

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

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

Therefore, the detected concentrations of TCE in the IA samples exceed the NYSDOH AGV, but are not considered a health risk for on-site workers compared to the OSHA regulatory values or NIOSH advisory values that are typically used to govern exposure in workplace environments.

5. CONCEPTUAL SITE MODEL

As described in DER-10, the Conceptual Site Model (CSM) process is utilized to: 1) develop a framework for analysis of contaminants identified at the Building 8 BCP Site during the investigative process: and 2) 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 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 Building 8 BCP Site conditions and contaminants encountered);
- Potential Exposure Paths; and
- Potentially Impacted Receptors.

The Building 8 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 8 BCP Site.

Site Features/Characteristics:

- The Building 8 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 gravel, sand, and silt, ranging from approximately 2.5 to 8 feet below ground surface. Below the fill are native clays and silts. Bedrock consisting of the Lockport Dolomite was encountered between 8 and 12 feet below ground surface.

- Based on the most recent facility-wide elevation (El) data, the groundwater table across the entire Building 8 BCP Site flows towards the east at a slight gradient from approximately El 617 at its highest point to approximately El 584 at its lowest point. There is a slight south/southeastern gradient specifically over the Building 8 BCP Site, ranging from approximately El 610 on the northern side of the Building 8 BCP Site to approximately El 606 on the southeastern side of the Building 8 BCP Site.

- Groundwater is not utilized as potable and/or non-potable purposes at the Building 8 BCP Site.

Site Data:

Soil:

- Field investigations conducted in the Building 8 BCP Site study area in 2006 (refer to Appendix A), detected VOCs (specifically TCE and vinyl chloride) at concentrations above ISCOs, CSCOs and/or PGWSCOs in samples collected from approximately 8-10 feet bgs. PAHs were detected at concentrations above the ISCO in one (1) sample although some laboratory detection limits were elevated due to sample dilution performed by the laboratory. In total, only one PAH (benzo(a)pyrene) was detected at two locations at concentrations of 1.4 mg/kg (8-006-F) and 1.5 mg/kg (GS-D), which are slightly above the ISCO (1.1 mg/kg) for this compound. Arsenic was also detected at a concentration above the ISCO in one (1) sample collected beneath the building slab

  The results of these investigations were used to develop the scope of the Building 8 BCP Site RI. The results of the Building 8 BCP Site RI are described below.

- VOCs, (cis-DCE) was detected in the soil at concentrations ranging from 0.27 to 0.7 mg/kg, above the PGWSCOs of 0.25 mg/kg, at depths ranging from 8 to 12 feet below ground surface. One detection of acetone at an estimated concentration of 0.056 mg/kg, which is slightly greater than the PGWSCO of 0.05 mg/kg.

- Metals, PCBs, and SVOCs were not detected at concentrations above the PGWSCOs with the following exception:

  - Lead (Pb) was detected at a concentration above the PGWSCO and CSCO, but below the ISCO (2,450 mg/kg) in one sample collected from 0-4 feet below ground surface.

- Overall, significant impacts to soil were not noted as part of the Building 8 BCP Site RI. The isolated detections of lead (Pb) and acetone are not representative of site-wide conditions and could be from naturally-occurring conditions and/or anomalies of the laboratory analysis. In addition, there did not appear to be substantial variation between the analytical data from fill soils versus native soils, indicating that historical fill is not anticipated to be a source of contamination at the Building 8 BCP Site.

Groundwater:

New and historical groundwater sample results were compared to the NYSDEC TOGS 1.1.1 class GA criteria.

- Based on historical and recent sampling as part of the Building 8 BCP Site RI, the primary contaminants identified in groundwater include PCE, TCE, cis-1,2-DCE, trans-1,2-DCE, and vinyl chloride; the highest VOC concentration detected was cis-1,2-DCE.

- Naturally occurring elements, iron (Fe), magnesium (Mg), potassium (K), and sodium (Na) were detected at concentrations above the comparison GA criteria in the vicinity of the Building 8 BCP Site (MW-3 and MW-7). The analytes were detected in both filtered and unfiltered samples. However, groundwater is not currently used at or in the vicinity of the GMCH facility for potable or non-potable purposes.

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

Sub-Slab Vapor/Indoor Air:

- Five (5) pairs of indoor air and sub slab vapor samples were collected from various locations throughout the interior of Building 8. The concentrations of VOCs detected in the sub-slab vapor and/or indoor air samples exceeded the comparison threshold values provided by the decision matrices of the NYSDOH Guidance for Evaluating Soil Vapor Intrusion in New York State (2006).

- VOCs identified in the sub-slab vapor and indoor air include cis-1,2-DCE, TCE, PCE.

5.1 Contaminants of Concern (COC)

The Building 8 BCP Site contaminants of concern (COC) were identified based on the detection of organic and inorganic substances that are Site-related and are present at concentrations higher than the relevant standards, criteria, and guidelines (SCGs). Consistent with the RIWP, the SCG for the Building 8 BCP Site RI findings were evaluated by comparison with the Part 375 BCP Regulations soil cleanup objectives (SCO) (specifically ISCOs, CSCOs, and PGWSCOs) and the NYS Drinking Water (GA) Standards specified in NYSDEC TOGS 1.1.1. for groundwater, the decision matrices provided in the NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York (2006) for soil vapor and indoor air. The SCG represent concentrations determined by the NYSDEC/NYSDOH to be fully protective of human health and the environment.

The COC analysis included the Building 8 BCP Site soil, groundwater, and sub-slab vapor/indoor air data as summarized on Tables II through V. COCs for the Building 8 BCP Site were determined on the following factors:

- COC substances consistently detected at concentrations above the SCG.

- COC substances are likely related to Building 8 BCP Site activities, are not naturally-occurring and/or from ambient conditions.

- COC substances have been detected at a frequency and concentrations that would present a reasonable potential for adverse impact on human health or the environment.

The COCs identified for the Building 8 BCP Site include:

- VOCs including PCE, TCE, cis-1,2-DCE, trans-1,2-DCE, and vinyl chloride in soil, groundwater, sub-slab vapor, and indoor air.

These COCs were included in the Qualitative Human Health Assessment (QHHEA) performed in accordance with NYSDOH protocol as detailed below. Though identified in excess of PGWSCOs, CSCOs and/or ISCOs, lead (Pb), arsenic (As), benzo(a)pyrene (PAH), and acetone in soil have not been included as COCs due to the following reasons:

- Due to only one incidence of lead and arsenic, and two incidences of benzo(a)pyrene detected in soil in excess of the PWGSCOs, CSCOs and/or ISCOs during the RI and previous investigations, it is anticipated that these detections are anomalous and not representative of Site-wide impacts. Furthermore, considering the low mobility of these analytes, adverse impacts to groundwater and/or migration from the Building 8 BCP Site are not anticipated.

- Due to only one incidence of acetone detected in slight excess of the PGWSCO during the RI, it is anticipated that this detection is anomalous and not representative of Site-wide impacts.

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 8 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 8 BCP Site. Potential exposure pathways are further described and form the basis of the site-specific qualitative human health exposure assessment (QHHEA) performed for the Building 8 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 8 BCP Site include PCE, TCE, cis-1,2-DCE, trans-1,2-DCE, and vinyl chloride. PCE and TCE are typically used as degreasers in manufacturing and for commercial dry cleaning purposes. 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 of to the environment, chlorinated solvents can travel through soils and dissolve in groundwater. Contaminated soil vapors can be emitted from contaminated groundwater/soil and impact indoor air quality. Chlorinated solvents in soil and groundwater can also 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 8 BCP Site COCs. The QHHEA process is used as an initial screening tool to assess the potential that the COCs identified at the Building 8 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 8 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 8 BCP Site:

- Qualitatively evaluate actual or potential exposures to Building 8 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 8 BCP Site could potentially occur; and,
- If the QHHEA concludes that complete exposure pathways are potentially present at the Building 8 BCP Site, describe the nature of the population exposed, or potentially exposed, to contaminants that are present at the Building 8 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 8 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 8 BCP Site:

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

The QHHEA for the Building 8 BCP Site is detailed on Table VII, which identifies the potential for complete exposure pathways to exist currently or that could reasonably exist in the future based on commercial or industrial site use. For each media (soil, groundwater, soil vapor/indoor air) on the Building 8 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 SCGs as referenced above and as appropriate for this Building 8 BCP Site.

The current and reasonably anticipated exposure settings for the Building 8 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 8 BCP Site. Exposed populations include workers under the current Building 8 BCP Site use scenario, and workers and occupants of the Building 8 BCP Site in future commercial or industrial use. The future Building 8 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 8 BCP Site exposure setting is further described on Table VII.

In summary, exposure pathways for soil and groundwater are currently incomplete because there are controls on the Building 8 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 defined in the relevant regulations of 6 NYCRR Part 375-1 including a surface cap, access

restriction/control, and lack of groundwater use that prevent the potential for exposure to the COCs. With respect to air/vapor, a complete exposure pathway to the COC currently exists within Building 8. The remedial technology and/or engineering/institutional control options to address this pathway will be evaluated as part of an Alternatives Analysis Report (AAR) for the Building 8 BCP Site.

Assessment of future conditions assume that yet to be defined commercial or industrial development may occur at the 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 8 BCP Site or the surrounding community as both are serviced by municipal water supply. However, should it be used in the future particularly for potable uses, the exposure pathway would be complete. The exposure pathway would also be complete via excavation activities if contaminated groundwater was encountered. 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 8 BCP Site.

6. CONCLUSIONS & RECOMMENDATIONS

In accordance with the NYSDEC BCA for the Building 8 BCP Site, GMCH has undertaken the 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 8 BCP Site and soil vapor intrusion within Building 8.

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

The information developed during the RI was used to evaluate if remedial actions are warranted to be protective of human health and the environment. GMCH anticipates that future use of the Building 8 BCP 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 Building 8 BCP Site 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 8 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 in soil, groundwater, soil vapor, and indoor air at the Building 8 BCP Site consist of PCE, TCE, cis-1,2-DCE, and vinyl chloride.

- VOCs are currently present in sub-slab vapor and indoor air within the Building 8 BCP Site building.

- Because 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.

- TCE, benzo(a)pyrene, arsenic, and lead were each detected above the soil cleanup objectives in soil samples collected from within the Building 8 BCP Site. The limited number of detections indicates that soil is not significantly impacted within the Building 8 BCP Site.

- COC contaminated groundwater is present within the Building 8 BCP Site and migrating in an easterly direction. Another source of COCs is present in the groundwater and down gradient (east) of Building 8 (Delphi Harrison Thermal Systems 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 8 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 8 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 8 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 8 BCP Site under the current Building 8 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 complete exposure pathway from indoor air/sub-slab vapor within the Building 8 BCP Site building. This pathway will require mitigation as part of the Remedial Action program.

- The potential for future complete exposure pathways from inadvertent ingestion, dermal absorption, and inhalation of a COCs could potentially exist to the extent that the building foundations/pavement are removed and the soil and groundwater, and subsequently vapors becomes 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 and implemented as part of the remedial program for the Building 8 BCP Site.

- Based on these RI results, remedial actions and/or engineering/institutional controls may be warranted to mitigate the potential for human or environmental exposure at the Building 8 BCP Site.

- The RI has produced a sufficient quantity and quality of data to support development of a an Analysis alternatives Report (AAR) and Remedial Action Work Plan (RAWP) as appropriate for current, intended, and reasonably anticipated future commercial or industrial use of the Building 8 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 COCs can be addressed for the Building 8 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 8 BCP Site, and reduce the potential for contaminated groundwater to infiltrate the on-site sewer system.

Therefore, consistent with Section II.A.2 of the BCA, GMCH will prepare and submit an Alternatives Analysis Report (AAR) for the Building 8 BCP Site 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 8 BCP Site and other mitigation activities, if warranted.

7. REFERENCES

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Table I
Analytical Sample Summary Table
GMCH Lockport Facility
Building 8 BCP Site
Site #C932139

Location	Sample Identifier	Date Collected	Depth/ Interval (ft bgs)	Matrix	VOCs Method SW-846 8260B	SVOCs Method SW-846 8270C	PCBs Method SW-846 8081	Metals MethodSW-846 6010 7000 Series	EPA Method TO-15	Commets
SOIL SAMPLES										
8-SB-1	8-SB-1-122710-1545	12/27/10	4 to 6	Soil	X	X	X			
8-SB-2	8-SB-2-122710-1600	12/27/10	2 to 4	Soil	X					
8-SB-3	8-SB-3-122810-0830	12/28/10	8 to 11.5	Soil	X	X	X			MS/MSD
8-SB-4	8-SB-4-122810-0910	12/28/10	10 to 11	Soil	X	X	X			
8-SB-5	8-SB-5-122810-0940	12/28/10	10 to 11	Soil	X	X	X			
8-SB-6	8-SB-6-122810-1305	12/28/10	2 to 4	Soil				X		
8-SB-7	8-SB-7-122810-1315	12/28/10	2 to 4	Soil				X		
8-SB-8	8-SB-8-122810-1345	12/28/10	2 to 4	Soil				X		
8-SB-9	8-SB-9-122810-1400	12/28/10	2 to 4	Soil				X		
8-SB-10	8-SB-10-122810-1150	12/28/10	4 to 5	Soil	X	X	X	X		
8-SB-11	8-SB-11-122810-1140	12/28/10	2 to 4	Soil	X	X	X	X		
8-SB-12	8-SB-12-122810-1100	12/28/10	10 to 12	Soil	X	X	X			
8-SB-12	DUP-122810-0001	12/28/10	10 to 12	Soil	X	X	X	X		Dup of 8-SB-12-122810-1100
MW-8-1	MW-8-1-122910-0830	12/29/10	8 to 10	Soil	X					
MW-8-2	MW-8-2-122810-1015	12/28/10	8 to 10	Soil	X					
MW-8-3	MW-8-3-122710-1330	12/27/10	8 to 10	Soil	X					
MW-8-4	MW-8-4-1-5-11-1330	01/05/11	5 to 7	Soil	X					
QA/QC	EB-122910-0001	12/29/10	NA	Soil	X	X	X	X		Equipment Blank
GROUNDWATER SAMPLES										
MW-6-1	MW-6-1-042711-0945	4/27/2011	NA	GW	X					
MW-6-2	MW-6-2-042711-1145	4/27/2011	NA	GW	X					
MW-6-F-8	MW-6-F-8-042711-1320	4/27/2011	NA	GW	X					
MW-8-003-B	MW-8-003-B-042811-1515	4/28/2011	NA	GW	X					
MW-8-1	MW-8-1-042911-0915	4/29/2011	NA	GW	X					
MW-8-2	MW-8-2-042911-1130	4/29/2011	NA	GW	X					
MW-8-3	MW-8-3-050211-1245	5/2/2011	NA	GW	X					
MW-8-3	DUP-050211-001	5/2/2011	NA	GW	X					Dup of MW-8-3-050211-1245
MW-8-4	MW-8-4-050211-1330	5/2/2011	NA	GW	X					MS/MSD
Rinse Blank	BLDG-8-RINSE-042911-1700	4/29/2011	NA	GW	X					Rinse Blank
QA/QC	Trip Blank	5/2/2011	NA	GW	X					Trip Blank
VAPOR INTRUSION AIR SAMPLES										
8-VI-1IA	8-VI-1IA-011811-0747	01/18/11	NA	Indoor Air					X	
8-VI-DUP	8-VI-DUP-011811-0838	01/18/11	NA	Indoor Air					X	Dup of 8-VI-1IA-011811-0747
8-VI-1SS	8-VI-1SS-011811-0748	01/18/11	NA	Sub slab					X	
8-VI-2IA	8-VI-2IA-011811-0726	01/18/11	NA	Indoor Air					X	
8-VI-2SS	8-VI-2SS-011811-0728	01/18/11	NA	Sub slab					X	
8-VI-3IA	8-VI-3IA-011811-0735	01/18/11	NA	Indoor Air					X	
8-VI-3SS	8-VI-3SS-011811-0736	01/18/11	NA	Sub slab					X	
8-VI-4IA	8-VI-4IA-011811-0739	01/18/11	NA	Indoor Air					X	
8-VI-4SS	8-VI-4SS-011811-0738	01/18/11	NA	Sub slab					X	
8-VI-5IA	8-VI-5IA-011811-0742	01/18/11	NA	Indoor Air					X	
8-VI-5SS	8-VI-5SS-011811-0743	01/18/11	NA	Sub slab					X	
8-VI-OUT	8-VI-OUT-011811-0735	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 8
GMCH LOCKPORT FACILITY
LOCKPORT, NEW YORK
BCP SITE #C932139

BUILDING				Building 8	Building 8	Building 8	Building 8	Building 8	Building 8	Building 8	Building 8	Building 8	Building 8	Building 8
LOCATION	Protection of	Restricted	Restricted	8-SB-1	8-SB-2	8-SB-3	8-SB-4	8-SB-5	8-SB-6	8-SB-7	8-SB-8	8-SB-9	8-SB-10	8-SB-11
DATE	Groundwater	Commercial	Industrial	12/27/2010	12/27/2010	12/28/2010	12/28/2010	12/28/2010	12/28/2010	12/28/2010	12/28/2010	12/28/2010	12/28/2010	12/28/2010
DEPTH	SCOs	SCOs	SCOs	4 - 6 ft BGS	2 - 4 ft BGS	8 - 11.5 ft BGS	10 - 11 ft BGS	10 - 11 ft BGS	2 - 4 ft BGS	2 - 4 ft BGS	2 - 4 ft BGS	2 - 4 ft BGS	4 - 5 ft BGS	2 - 4 ft BGS
SAMPLE TYPE	(PGWSCOs)	(CSCOs)	(ISCOs)	N	N	N	N	N	N	N	N	N	N	N
Metals (mg/kg)														
Aluminum	-	-	-	-	-	-	-	-	**10500**	**4840**	**11000**	**13900 J**	**8980**	**8650**
Antimony	-	-	-	-	-	-	-	-	1.0 U	1.1 U	**0.31 J**	**3.5 J**	1.1 U	1.1 U
Arsenic	16	16	16	-	-	-	-	-	**3.4**	**6.9**	**3.4**	**3.4**	**5.4**	**2.7**
Barium	820	400	10000	-	-	-	-	-	**85**	**58.5**	**110**	**110**	**80.8**	**62.5**
Beryllium	47	590	2700	-	-	-	-	-	**0.62**	**0.39 J**	**0.63**	**0.76**	**0.53**	**0.49**
Cadmium	7.5	9.3	60	-	-	-	-	-	0.50 U	0.54 U	**0.22 J**	**0.16 J**	0.56 U	0.54 U
Calcium	-	-	-	-	-	-	-	-	**37900**	**64100**	**57700**	**25400**	**25900**	**3640**
Chromium	-	1500	6800	-	-	-	-	-	**15.7**	**7.6**	**16.6**	**19.9**	**13.8**	**9.7**
Cobalt	-	-	-	-	-	-	-	-	**7.4**	**5.6**	**7.8**	**10.1 J**	**9.6**	**5.7**
Copper	1720	270	10000	-	-	-	-	-	**18.5**	**25.1**	**68.5**	**74.1 J**	**20.8**	**34.1**
Iron	-	-	-	-	-	-	-	-	**19100**	**15200**	**18900**	**21400**	**24800**	**16800**
Lead	450	1000	3900	-	-	-	-	-	**9.9**	**6.2**	**129**	**2420** [AB]	**12.8**	**12.4**
Magnesium	-	-	-	-	-	-	-	-	**8840**	**21200**	**12400**	**8750**	**7610**	**3430**
Manganese	2000	10000	10000	-	-	-	-	-	**754**	**938**	**635**	**553**	**534**	**1180**
Mercury	0.73	2.8	5.7	-	-	-	-	-	0.036 U	0.038 U	0.040 U	**0.016 J**	**0.018 J**	**0.025 J**
Nickel	130	310	10000	-	-	-	-	-	**17**	**9.8**	**18.1**	**22.3 J**	**15.3**	**12.5**
Potassium	-	-	-	-	-	-	-	-	**1460**	**584**	**1340**	**1520**	**980**	**533 J**
Selenium	4	1500	6800	-	-	-	-	-	0.50 U	0.54 U	0.56 U	0.52 U	0.56 U	0.54 U
Silver	8.3	1500	6800	-	-	-	-	-	**0.20 J**	**0.17 J**	**0.64**	**0.61**	**0.15 J**	**0.16 J**
Sodium	-	-	-	-	-	-	-	-	**88.0 J**	**84.0 J**	**119 J**	**115 J**	**95.6 J**	**13.9 J**
Thallium	-	-	-	-	-	-	-	-	1.0 U	1.1 U	1.1 U	1.0 U	1.1 U	1.1 U
Vanadium	-	-	-	-	-	-	-	-	**22.4**	**12.4**	**23.4**	**28.3**	**19.6**	**17.7**
Zinc	2480	10000	10000	-	-	-	-	-	**48.6**	**33.5**	**98.8**	**147 J**	**62.6**	**27.4**
PCBs (mg/kg)														
Aroclor-1016 (PCB-1016)	3.2	1	25	0.018 U	-	0.019 U	0.021 U	0.02 U	-	-	-	-	0.02 U	0.018 U
Aroclor-1221 (PCB-1221)	3.2	1	25	0.018 U	-	0.019 U	0.021 U	0.02 U	-	-	-	-	0.02 U	0.018 U
Aroclor-1232 (PCB-1232)	3.2	1	25	0.018 U	-	0.019 U	0.021 U	0.02 U	-	-	-	-	0.02 U	0.018 U
Aroclor-1242 (PCB-1242)	3.2	1	25	0.018 U	-	0.019 U	0.021 U	0.02 U	-	-	-	-	0.02 U	0.018 U
Aroclor-1248 (PCB-1248)	3.2	1	25	0.018 U	-	0.019 U	0.021 U	0.02 U	-	-	-	-	0.02 U	0.018 U
Aroclor-1254 (PCB-1254)	3.2	1	25	0.018 U	-	0.019 U	0.021 U	0.02 U	-	-	-	-	0.02 U	0.018 U
Aroclor-1260 (PCB-1260)	3.2	1	25	0.018 U	-	0.019 U	0.021 U	0.02 U	-	-	-	-	0.02 U	0.018 U
Semi-Volatile Organic Compounds (mg/kg)														
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	-	-	-	0.075 U	-	0.076 U	0.085 U	0.08 U	-	-	-	-	0.078 U	0.073 U
2,4,5-Trichlorophenol	0.1	-	-	0.37 U	-	0.38 U	0.42 U	0.39 U	-	-	-	-	0.39 U	0.36 U
2,4,6-Trichlorophenol	-	-	-	0.37 U	-	0.38 U	0.42 U	0.39 U	-	-	-	-	0.39 U	0.36 U
2,4-Dichlorophenol	0.4	-	-	0.075 U	-	0.076 U	0.085 U	0.08 U	-	-	-	-	0.078 U	0.073 U
2,4-Dimethylphenol	-	-	-	0.37 U	-	0.38 U	0.42 U	0.39 U	-	-	-	-	0.39 U	0.36 U
2,4-Dinitrophenol	0.2	-	-	1.9 U	-	1.9 U	2.2 U	2 U	-	-	-	-	2 U	1.9 U
2,4-Dinitrotoluene	-	-	-	0.37 U	-	0.38 U	0.42 U	0.39 U	-	-	-	-	0.39 U	0.36 U
2,6-Dinitrotoluene	0.17	-	-	0.37 U	-	0.38 U	0.42 U	0.39 U	-	-	-	-	0.39 U	0.36 U
2-Chloronaphthalene	-	-	-	0.075 U	-	0.076 U	0.085 U	0.08 U	-	-	-	-	0.078 U	0.073 U
2-Chlorophenol	-	-	-	0.37 U	-	0.38 U	0.42 U	0.39 U	-	-	-	-	0.39 U	0.36 U
2-Methylnaphthalene	36.4	-	-	0.075 U	-	0.076 U	**0.024 J**	0.08 U	-	-	-	-	0.078 U	0.073 U
2-Methylphenol	0.33	500	1000	0.37 U	-	0.38 U	0.42 U	0.39 U	-	-	-	-	0.39 U	0.36 U
2-Nitroaniline	0.4	-	-	1.9 U	-	1.9 U	2.2 U	2 U	-	-	-	-	2 U	1.9 U
2-Nitrophenol	0.3	-	-	0.37 U	-	0.38 U	0.42 U	0.39 U	-	-	-	-	0.39 U	0.36 U
3,3'-Dichlorobenzidine	-	-	-	0.37 U	-	0.38 U	0.42 U	0.39 U	-	-	-	-	0.39 U	0.36 U
3-Nitroaniline	0.5	-	-	1.9 U	-	1.9 U	2.2 U	2 U	-	-	-	-	2 U	1.9 U
4,6-Dinitro-2-methylphenol	-	-	-	1.9 U	-	1.9 U	2.2 U	2 U	-	-	-	-	2 U	1.9 U
4-Bromophenyl phenyl ether	-	-	-	0.37 U	-	0.38 U	0.42 U	0.39 U	-	-	-	-	0.39 U	0.36 U
4-Chloro-3-methylphenol	-	-	-	0.37 U	-	0.38 U	0.42 U	0.39 U	-	-	-	-	0.39 U	0.36 U
4-Chloroaniline	0.22	-	-	0.37 U	-	0.38 U	0.42 U	0.39 U	-	-	-	-	0.39 U	0.36 U
4-Chlorophenyl phenyl ether	-	-	-	0.37 U	-	0.38 U	0.42 U	0.39 U	-	-	-	-	0.39 U	0.36 U
4-Methylphenol	0.33	500	1000	0.37 U	-	0.38 U	0.42 U	0.39 U	-	-	-	-	0.39 U	0.36 U
4-Nitroaniline	-	-	-	1.9 U	-	1.9 U	2.2 U	2 U	-	-	-	-	2 U	1.9 U
4-Nitrophenol	0.1	-	-	1.9 U	-	1.9 U	2.2 U	2 U	-	-	-	-	2 U	1.9 U
Acenaphthene	98	500	1000	0.075 U	-	0.076 U	**0.033 J**	0.08 U	-	-	-	-	0.078 U	0.073 U

TABLE II
SOIL ANALYTICAL RESULTS - BUILDING 8
GMCH LOCKPORT FACILITY
LOCKPORT, NEW YORK
BCP SITE #C932139

BUILDING				Building 8	Building 8	Building 8	Building 8	Building 8	Building 8	Building 8	Building 8	Building 8	Building 8	Building 8
LOCATION	Protection of	Restricted	Restricted	8-SB-1	8-SB-2	8-SB-3	8-SB-4	8-SB-5	8-SB-6	8-SB-7	8-SB-8	8-SB-9	8-SB-10	8-SB-11
DATE	Groundwater	Commercial	Industrial	12/27/2010	12/27/2010	12/28/2010	12/28/2010	12/28/2010	12/28/2010	12/28/2010	12/28/2010	12/28/2010	12/28/2010	12/28/2010
DEPTH	SCOs	SCOs	SCOs	4 - 6 ft BGS	2 - 4 ft BGS	8 - 11.5 ft BGS	10 - 11 ft BGS	10 - 11 ft BGS	2 - 4 ft BGS	2 - 4 ft BGS	2 - 4 ft BGS	2 - 4 ft BGS	4 - 5 ft BGS	2 - 4 ft BGS
SAMPLE TYPE	(PGWSCOs)	(CSCOs)	(ISCOs)	N	N	N	N	N	N	N	N	N	N	N
Acenaphthylene	107	500	1000	0.075 U	-	0.076 U	0.085 U	0.08 U	-	-	-	-	0.078 U	0.073 U
Acetophenone	-	500	1000	0.37 U	-	0.38 U	0.42 U	0.39 U	-	-	-	-	0.39 U	0.36 U
Anthracene	1000	500	1000	0.075 U	-	0.076 U	0.085 U	0.08 U	-	-	-	-	**0.015 J**	0.073 U
Atrazine	-	-	-	0.37 U	-	0.38 U	0.42 U	0.39 U	-	-	-	-	0.39 U	0.36 U
Benzaldehyde	-	-	-	0.37 U	-	0.38 U	0.42 U	0.39 U	-	-	-	-	0.39 U	0.36 U
Benzo(a)anthracene	1	5.6	11	0.075 U	-	0.076 U	0.085 U	0.08 U	-	-	-	-	**0.064 J**	0.073 U
Benzo(a)pyrene	22	1	1.1	0.075 U	-	0.076 U	0.085 U	0.08 U	-	-	-	-	**0.066 J**	0.073 U
Benzo(b)fluoranthene	1.7	5.6	11	0.075 U	-	0.076 U	0.085 U	0.08 U	-	-	-	-	**0.094**	0.073 U
Benzo(g,h,i)perylene	1000	500	1000	0.075 U	-	0.076 U	0.085 U	0.08 U	-	-	-	-	**0.043 J**	0.073 U
Benzo(k)fluoranthene	1.7	56	110	0.075 U	-	0.076 U	0.085 U	0.08 U	-	-	-	-	0.078 U	0.073 U
Biphenyl (1,1-Biphenyl)	-	-	-	0.37 U	-	0.38 U	0.42 U	0.39 U	-	-	-	-	0.39 U	0.36 U
bis(2-Chloroethoxy)methane	-	-	-	0.37 U	-	0.38 U	0.42 U	0.39 U	-	-	-	-	0.39 U	0.36 U
bis(2-Chloroethyl)ether	-	-	-	0.075 U	-	0.076 U	0.085 U	0.08 U	-	-	-	-	0.078 U	0.073 U
bis(2-Ethylhexyl)phthalate (DEHP)	435	-	-	0.75 U	-	0.76 U	0.85 U	0.8 U	-	-	-	-	0.78 U	0.73 U
Butyl benzylphthalate (BBP)	122	-	-	0.37 U	-	0.38 U	0.42 U	0.39 U	-	-	-	-	0.39 U	0.36 U
Caprolactam	-	-	-	1.9 U	-	1.9 U	2.2 U	2 U	-	-	-	-	2 U	1.9 U
Carbazole	-	-	-	0.075 U	-	0.076 U	0.085 U	0.08 U	-	-	-	-	0.078 U	0.073 U
Chrysene	1	56	110	0.075 U	-	0.076 U	0.085 U	0.08 U	-	-	-	-	**0.067 J**	0.073 U
Dibenz(a,h)anthracene	1000	0.56	1.1	0.075 U	-	0.076 U	0.085 U	0.08 U	-	-	-	-	0.078 U	0.073 U
Dibenzofuran	6.2	500	1000	0.37 U	-	0.38 U	0.42 U	0.39 U	-	-	-	-	0.39 U	0.36 U
Diethyl phthalate	7.1	-	-	0.37 U	-	0.38 U	0.42 U	0.39 U	-	-	-	-	0.39 U	0.36 U
Dimethyl phthalate	27	-	-	0.37 U	-	0.38 U	0.42 U	0.39 U	-	-	-	-	0.39 U	0.36 U
Di-n-butylphthalate (DBP)	8.1	-	-	0.37 U	-	0.38 U	0.42 U	0.39 U	-	-	-	-	0.39 U	0.36 U
Di-n-octyl phthalate (DnOP)	120	-	-	0.37 U	-	0.38 U	0.42 U	0.39 U	-	-	-	-	0.39 U	0.36 U
Fluoranthene	1000	500	1000	**0.028 J**	-	0.076 U	**0.0096 J**	0.08 U	-	-	-	-	**0.12**	0.073 U
Fluorene	386	500	1000	0.075 U	-	0.076 U	0.085 U	0.08 U	-	-	-	-	0.078 U	0.073 U
Hexachlorobenzene	1.4	6	12	0.075 U	-	0.076 U	0.085 U	0.08 U	-	-	-	-	0.078 U	0.073 U
Hexachlorobutadiene	-	-	-	0.075 U	-	0.076 U	0.085 U	0.08 U	-	-	-	-	0.078 U	0.073 U
Hexachlorocyclopentadiene	-	-	-	0.37 U	-	0.38 U	0.42 U	0.39 U	-	-	-	-	0.39 U	0.36 U
Hexachloroethane	-	-	-	0.37 U	-	0.38 U	0.42 U	0.39 U	-	-	-	-	0.39 U	0.36 U
Indeno(1,2,3-cd)pyrene	8.2	5.6	11	0.075 U	-	0.076 U	0.085 U	0.08 U	-	-	-	-	**0.036 J**	0.073 U
Isophorone	4.4	-	-	0.37 U	-	0.38 U	0.42 U	0.39 U	-	-	-	-	0.39 U	0.36 U
Naphthalene	12	500	1000	0.075 U	-	0.076 U	**0.086**	0.08 U	-	-	-	-	0.078 U	0.073 U
Nitrobenzene	0.17	69	140	0.75 U	-	0.76 U	0.85 U	0.8 U	-	-	-	-	0.78 U	0.73 U
N-Nitrosodi-n-propylamine	-	-	-	0.075 U	-	0.076 U	0.085 U	0.08 U	-	-	-	-	0.078 U	0.073 U
N-Nitrosodiphenylamine	-	-	-	0.37 U	-	0.38 U	0.42 U	0.39 U	-	-	-	-	0.39 U	0.36 U
Pentachlorophenol	0.8	6.7	55	0.37 U	-	0.38 U	0.42 U	0.39 U	-	-	-	-	0.39 U	0.36 U
Phenanthrene	1000	500	1000	**0.024 J**	-	0.076 U	**0.042 J**	0.08 U	-	-	-	-	**0.064 J**	0.073 U
Phenol	0.33	500	1000	0.075 U	-	0.076 U	0.085 U	0.08 U	-	-	-	-	0.078 U	0.073 U
Pyrene	1000	500	1000	**0.022 J**	-	0.076 U	0.085 U	0.08 U	-	-	-	-	**0.095**	0.073 U
Total Solids (%)														
Total solids	-	-	-	**89.7**	**90.1**	**87.7**	**77.8**	**83.6**	**91.3**	**86.7**	**82.4**	**84.6**	**84.6**	**91.6**
Volatile Organic Compounds (mg/kg)														
1,1,1-Trichloroethane	0.68	500	1000	0.0056 U	0.0056 U	0.029 U	0.032 U	0.03 U	-	-	-	-	0.0059 U	0.0055 U
1,1,2,2-Tetrachloroethane	0.6	-	-	0.0056 U	0.0056 U	0.029 U	0.032 U	0.03 U	-	-	-	-	0.0059 U	0.0055 U
1,1,2-Trichloroethane	-	-	-	0.0056 U	0.0056 U	0.029 U	0.032 U	0.03 U	-	-	-	-	0.0059 U	0.0055 U
1,1-Dichloroethane	0.27	240	480	0.0056 U	0.0056 U	0.029 U	0.032 U	0.03 U	-	-	-	-	0.0059 U	0.0055 U
1,1-Dichloroethene	0.33	500	1000	0.0056 U	0.0056 U	0.029 U	0.032 U	0.03 U	-	-	-	-	0.0059 U	0.0055 U
1,2,4-Trichlorobenzene	3.4	-	-	0.0056 U	0.0056 U	0.029 U	0.032 U	0.03 U	-	-	-	-	0.0059 U	0.0055 U
1,2,4-Trimethylbenzene	3.6	190	380	-	-	-	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	-	-	-	0.0056 U	0.0056 U	0.029 U	0.032 U	0.03 U	-	-	-	-	0.0059 U	0.0055 U
1,2-Dibromoethane (Ethylene dibromide)	-	-	-	0.0056 U	0.0056 U	0.029 U	0.032 U	0.03 U	-	-	-	-	0.0059 U	0.0055 U
1,2-Dichlorobenzene	1.1	500	1000	0.0056 U	0.0056 U	0.029 U	0.032 U	0.03 U	-	-	-	-	0.0059 U	0.0055 U
1,2-Dichloroethane	0.02	30	60	0.0056 U	0.0056 U	0.029 U	0.032 U	0.03 U	-	-	-	-	0.0059 U	0.0055 U

TABLE II
SOIL ANALYTICAL RESULTS - BUILDING 8
GMCH LOCKPORT FACILITY
LOCKPORT, NEW YORK
BCP SITE #C932139

BUILDING LOCATION DATE DEPTH SAMPLE TYPE	Protection of Groundwater SCOs (PGWSCOs)	Restricted Commercial SCOs (CSCOs)	Restricted Industrial SCOs (ISCOs)	Building 8 8-SB-1 12/27/2010 4 - 6 ft BGS N	Building 8 8-SB-2 12/27/2010 2 - 4 ft BGS N	Building 8 8-SB-3 12/28/2010 8 - 11.5 ft BGS N	Building 8 8-SB-4 12/28/2010 10 - 11 ft BGS N	Building 8 8-SB-5 12/28/2010 10 - 11 ft BGS N	Building 8 8-SB-6 12/28/2010 2 - 4 ft BGS N	Building 8 8-SB-7 12/28/2010 2 - 4 ft BGS N	Building 8 8-SB-8 12/28/2010 2 - 4 ft BGS N	Building 8 8-SB-9 12/28/2010 2 - 4 ft BGS N	Building 8 8-SB-10 12/28/2010 4 - 5 ft BGS N	Building 8 8-SB-11 12/28/2010 2 - 4 ft BGS N
1,2-Dichloropropane	-	-	-	0.0056 U	0.0056 U	0.029 U	0.032 U	0.03 U	-	-	-	-	0.0059 U	0.0055 U
1,3,5-Trimethylbenzene	8.4	190	380	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	2.4	280	560	0.0056 U	0.0056 U	0.029 U	0.032 U	0.03 U	-	-	-	-	0.0059 U	0.0055 U
1,4-Dichlorobenzene	1.8	130	250	0.0056 U	0.0056 U	0.029 U	0.032 U	0.03 U	-	-	-	-	0.0059 U	0.0055 U
2-Butanone (Methyl ethyl ketone) (MEK)	0.3	500	1000	0.0056 U	0.0056 U	0.029 U	0.032 U	0.03 U	-	-	-	-	0.0059 U	0.0055 U
2-Hexanone	-	-	-	0.0056 U	0.0056 U	0.029 U	0.032 U	0.03 U	-	-	-	-	0.0059 U	0.0055 U
2-Phenylbutane (sec-Butylbenzene)	11	500	1000	-	-	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	1	-	-	0.0056 U	0.0056 U	0.029 U	0.032 U	0.03 U	-	-	-	-	0.0059 U	0.0055 U
Acetone	0.05	500	1000	0.022 U	0.022 U	0.11 U	**0.056 J** [A]	0.12 U	-	-	-	-	0.024 U	0.022 U
Benzene	0.06	44	89	0.0056 U	0.0056 U	0.029 U	0.032 U	0.03 U	-	-	-	-	0.0059 U	0.0055 U
Bromodichloromethane	-	-	-	0.0056 U	0.0056 U	0.029 U	0.032 U	0.03 U	-	-	-	-	0.0059 U	0.0055 U
Bromoform	-	-	-	0.0056 U	0.0056 U	0.029 U	0.032 U	0.03 U	-	-	-	-	0.0059 U	0.0055 U
Bromomethane (Methyl bromide)	-	-	-	0.0056 U	0.0056 U	0.029 U	0.032 U	0.03 U	-	-	-	-	0.0059 U	0.0055 U
Carbon disulfide	2.7	-	-	0.0056 U	0.0056 U	0.029 U	0.032 U	0.03 U	-	-	-	-	0.0059 U	0.0055 U
Carbon tetrachloride	0.76	22	44	0.0056 U	0.0056 U	0.029 U	0.032 U	0.03 U	-	-	-	-	0.0059 U	0.0055 U
Chlorobenzene	1.1	500	1000	0.0056 U	0.0056 U	0.029 U	0.032 U	0.03 U	-	-	-	-	0.0059 U	0.0055 U
Chloroethane	1.9	350	700	0.0056 U	0.0056 U	0.029 U	0.032 U	0.03 U	-	-	-	-	0.0059 U	0.0055 U
Chloroform (Trichloromethane)	0.37	-	-	0.0056 U	0.0056 U	0.029 U	0.032 U	0.03 U	-	-	-	-	0.0059 U	0.0055 U
Chloromethane (Methyl chloride)	-	-	-	0.0056 U	0.0056 U	0.029 U	0.032 U	0.03 U	-	-	-	-	0.0059 U	0.0055 U
cis-1,2-Dichloroethene	0.25	500	1000	**0.029**	0.0056 U	**0.4** [A]	**0.27** [A]	**0.7** [A]	-	-	-	-	**0.0017 J**	0.0055 U
cis-1,3-Dichloropropene	-	-	-	0.0056 U	0.0056 U	0.029 U	0.032 U	0.03 U	-	-	-	-	0.0059 U	0.0055 U
Cyclohexane	-	-	-	0.0056 U	0.0056 U	0.029 U	0.032 U	0.03 U	-	-	-	-	0.0059 U	0.0055 U
Cymene (p-Isopropyltoluene)	10	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane	-	-	-	0.0056 U	0.0056 U	0.029 U	0.032 U	0.03 U	-	-	-	-	0.0059 U	0.0055 U
Dichlorodifluoromethane (CFC-12)	-	-	-	0.0056 U	0.0056 U	0.029 U	0.032 U	0.03 U	-	-	-	-	0.0059 U	0.0055 U
Ethylbenzene	1	390	780	0.0056 U	0.0056 U	0.029 U	0.032 U	0.03 U	-	-	-	-	0.0059 U	0.0055 U
Isopropyl benzene	2.3	-	-	0.0056 U	0.0056 U	0.029 U	0.032 U	0.03 U	-	-	-	-	0.0059 U	0.0055 U
m&p-Xylenes	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl acetate	-	-	-	0.0056 U	0.0056 U	0.029 U	0.032 U	0.03 U	-	-	-	-	0.0059 U	0.0055 U
Methyl cyclohexane	-	-	-	0.0056 U	0.0056 U	0.029 U	0.032 U	0.03 U	-	-	-	-	0.0059 U	0.0055 U
Methyl tert butyl ether (MTBE)	0.93	500	1000	0.0056 U	0.0056 U	0.029 U	0.032 U	0.03 U	-	-	-	-	0.0059 U	0.0055 U
Methylene chloride	0.05	500	1000	0.0056 U	**0.001 J**	0.029 U	**0.015 J**	**0.0077 J**	-	-	-	-	**0.0017 J**	**0.0018 J**
N-Butylbenzene	12	500	1000	-	-	-	-	-	-	-	-	-	-	-
N-Propylbenzene	3.9	500	1000	-	-	-	-	-	-	-	-	-	-	-
o-Xylene	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Styrene	-	-	-	0.0056 U	0.0056 U	0.029 U	0.032 U	0.03 U	-	-	-	-	0.0059 U	0.0055 U
tert-Butylbenzene	5.9	500	1000	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	1.3	150	300	0.0056 U	0.0056 U	0.029 U	0.032 U	0.03 U	-	-	-	-	0.0059 U	0.0055 U
Toluene	0.7	500	1000	0.0056 U	0.0056 U	0.029 U	0.032 U	0.03 U	-	-	-	-	0.0059 U	0.0055 U
trans-1,2-Dichloroethene	0.19	500	1000	0.0056 U	0.0056 U	0.029 U	0.032 U	0.03 U	-	-	-	-	0.0059 U	0.0055 U
trans-1,3-Dichloropropene	-	-	-	0.0056 U	0.0056 U	0.029 U	0.032 U	0.03 U	-	-	-	-	0.0059 U	0.0055 U
Trichloroethene	0.47	200	400	**0.00096 J**	0.0056 U	**0.0056 J**	**0.45**	**0.012 J**	-	-	-	-	0.0059 U	0.0055 U
Trichlorofluoromethane (CFC-11)	-	-	-	0.0056 U	0.0056 U	0.029 U	0.032 U	0.03 U	-	-	-	-	0.0059 U	0.0055 U
Trifluorotrichloroethane (Freon 113)	6	-	-	0.0056 U	0.0056 U	0.029 U	0.032 U	0.03 U	-	-	-	-	0.0059 U	0.0055 U
Vinyl chloride	0.02	13	27	0.0056 U	0.0056 U	0.029 U	0.032 U	**0.0062 J**	-	-	-	-	0.0059 U	0.0055 U
Xylenes (total)	1.6	500	1000	0.017 U	0.017 U	0.086 U	0.096 U	0.09 U	-	-	-	-	0.018 U	0.016 U

Notes and Abbreviations:

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

TABLE II
SOIL ANALYTICAL RESULTS - BUILDING 8
GMCH LOCKPORT FACILITY
LOCKPORT, NEW YORK
BCP SITE #C932139

BUILDING LOCATION DATE DEPTH SAMPLE TYPE	Protection of Groundwater SCOs (PGWSCOs)	Restricted Commercial SCOs (CSCOs)	Restricted Industrial SCOs (ISCOs)	Building 8 8-SB-12 12/28/2010 10 - 12 ft BGS FD	Building 8 8-SB-12 12/28/2010 10 - 12 ft BGS N	Building 8 BLDG 8-1 5/24/2005 4 - 6 ft N	Building 8 BLDG 8-2 5/24/2005 4 - 7 ft N	Building 8 MW-8-1 12/29/2010 8 - 10 ft BGS N	Building 8 MW-8-2 12/28/2010 8 - 10 ft BGS N	Building 8 MW-8-3 12/27/2010 8 - 10 ft BGS N	Building 8 MW-8-4 1/5/2011 5 - 7 ft BGS N
Metals (mg/kg)											
Aluminum	-	-	-	**7610**	**7330**	-	-	-	-	-	-
Antimony	-	-	-	1.1 U	1.0 U	-	-	-	-	-	-
Arsenic	16	16	16	**2.4**	**3.2**	-	-	-	-	-	-
Barium	820	400	10000	**64**	**43.7**	-	-	-	-	-	-
Beryllium	47	590	2700	**0.5**	**0.49**	-	-	-	-	-	-
Cadmium	7.5	9.3	60	0.57 U	0.51 U	-	-	-	-	-	-
Calcium	-	-	-	**64600**	**41300**	-	-	-	-	-	-
Chromium	-	1500	6800	**12.6**	**12**	-	-	-	-	-	-
Cobalt	-	-	-	**7.7**	**7.5**	-	-	-	-	-	-
Copper	1720	270	10000	**15.4**	**12.8**	-	-	-	-	-	-
Iron	-	-	-	**16300**	**17300**	-	-	-	-	-	-
Lead	450	1000	3900	**4.8**	**3.9**	-	-	-	-	-	-
Magnesium	-	-	-	**9640**	**8240**	-	-	-	-	-	-
Manganese	2000	10000	10000	**614**	**598**	-	-	-	-	-	-
Mercury	0.73	2.8	5.7	0.043 U	0.040 U	-	-	-	-	-	-
Nickel	130	310	10000	**16.1**	**16.3**	-	-	-	-	-	-
Potassium	-	-	-	**1450**	**1130**	-	-	-	-	-	-
Selenium	4	1500	6800	0.57 U	0.51 U	-	-	-	-	-	-
Silver	8.3	1500	6800	**0.16 J**	**0.13 J**	-	-	-	-	-	-
Sodium	-	-	-	**217 J**	**171 J**	-	-	-	-	-	-
Thallium	-	-	-	1.1 U	1.0 U	-	-	-	-	-	-
Vanadium	-	-	-	**19**	**19.1**	-	-	-	-	-	-
Zinc	2480	10000	10000	**38.2**	**32.8**	-	-	-	-	-	-
PCBs (mg/kg)											
Aroclor-1016 (PCB-1016)	3.2	1	25	0.022 U	0.02 U	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	3.2	1	25	0.022 U	0.02 U	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	3.2	1	25	0.022 U	0.02 U	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	3.2	1	25	0.022 U	0.02 U	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	3.2	1	25	0.022 U	0.02 U	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	3.2	1	25	0.022 U	0.02 U	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	3.2	1	25	0.022 U	0.02 U	-	-	-	-	-	-
Semi-Volatile Organic Compounds (mg/kg)											
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	-	-	-	0.086 U	0.08 U	-	-	-	-	-	-
2,4,5-Trichlorophenol	0.1	-	-	0.42 U	0.39 U	-	-	-	-	-	-
2,4,6-Trichlorophenol	-	-	-	0.42 U	0.39 U	-	-	-	-	-	-
2,4-Dichlorophenol	0.4	-	-	0.086 U	0.08 U	-	-	-	-	-	-
2,4-Dimethylphenol	-	-	-	0.42 U	0.39 U	-	-	-	-	-	-
2,4-Dinitrophenol	0.2	-	-	2.2 U	2 U	-	-	-	-	-	-
2,4-Dinitrotoluene	-	-	-	0.42 U	0.39 U	-	-	-	-	-	-
2,6-Dinitrotoluene	0.17	-	-	0.42 U	0.39 U	-	-	-	-	-	-
2-Chloronaphthalene	-	-	-	0.086 U	0.08 U	-	-	-	-	-	-
2-Chlorophenol	-	-	-	0.42 U	0.39 U	-	-	-	-	-	-
2-Methylnaphthalene	36.4	-	-	0.086 U	0.08 U	-	-	-	-	-	-
2-Methylphenol	0.33	500	1000	0.42 U	0.39 U	-	-	-	-	-	-
2-Nitroaniline	0.4	-	-	2.2 U	2 U	-	-	-	-	-	-
2-Nitrophenol	0.3	-	-	0.42 U	0.39 U	-	-	-	-	-	-
3,3'-Dichlorobenzidine	-	-	-	0.42 U	0.39 U	-	-	-	-	-	-
3-Nitroaniline	0.5	-	-	2.2 U	2 U	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	-	-	-	2.2 U	2 U	-	-	-	-	-	-
4-Bromophenyl phenyl ether	-	-	-	0.42 U	0.39 U	-	-	-	-	-	-
4-Chloro-3-methylphenol	-	-	-	0.42 U	0.39 U	-	-	-	-	-	-
4-Chloroaniline	0.22	-	-	0.42 U	0.39 U	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	-	-	-	0.42 U	0.39 U	-	-	-	-	-	-
4-Methylphenol	0.33	500	1000	0.42 U	0.39 U	-	-	-	-	-	-
4-Nitroaniline	-	-	-	2.2 U	2 U	-	-	-	-	-	-
4-Nitrophenol	0.1	-	-	2.2 U	2 U	-	-	-	-	-	-
Acenaphthene	98	500	1000	0.086 U	0.08 U	0.33 U	0.33 U	-	-	-	-

TABLE II
SOIL ANALYTICAL RESULTS - BUILDING 8
GMCH LOCKPORT FACILITY
LOCKPORT, NEW YORK
BCP SITE #C932139

BUILDING				Building 8	Building 8	Building 8	Building 8	Building 8	Building 8	Building 8	Building 8
LOCATION	Protection of	Restricted	Restricted	8-SB-12	8-SB-12	BLDG 8-1	BLDG 8-2	MW-8-1	MW-8-2	MW-8-3	MW-8-4
DATE	Groundwater	Commercial	Industrial	12/28/2010	12/28/2010	5/24/2005	5/24/2005	12/29/2010	12/28/2010	12/27/2010	1/5/2011
DEPTH	SCOs	SCOs	SCOs	10 - 12 ft BGS	10 - 12 ft BGS	4 - 6 ft	4 - 7 ft	8 - 10 ft BGS	8 - 10 ft BGS	8 - 10 ft BGS	5 - 7 ft BGS
SAMPLE TYPE	(PGWSCOs)	(CSCOs)	(ISCOs)	FD	N	N	N	N	N	N	N
Acenaphthylene	107	500	1000	0.086 U	0.08 U	-	-	-	-	-	-
Acetophenone	-	500	1000	0.42 U	0.39 U	-	-	-	-	-	-
Anthracene	1000	500	1000	0.086 U	0.08 U	0.33 U	0.33 U	-	-	-	-
Atrazine	-	-	-	0.42 U	0.39 U	-	-	-	-	-	-
Benzaldehyde	-	-	-	0.42 U	0.39 U	-	-	-	-	-	-
Benzo(a)anthracene	1	5.6	11	0.086 U	0.08 U	-	-	-	-	-	-
Benzo(a)pyrene	22	1	1.1	0.086 U	0.08 U	0.33 U	0.33 U	-	-	-	-
Benzo(b)fluoranthene	1.7	5.6	11	0.086 U	0.08 U	0.33 U	0.33 U	-	-	-	-
Benzo(g,h,i)perylene	1000	500	1000	0.086 U	0.08 U	0.33 U	0.33 U	-	-	-	-
Benzo(k)fluoranthene	1.7	56	110	0.086 U	0.08 U	0.33 U	0.33 U	-	-	-	-
Biphenyl (1,1-Biphenyl)	-	-	-	0.42 U	0.39 U	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	-	-	-	0.42 U	0.39 U	-	-	-	-	-	-
bis(2-Chloroethyl)ether	-	-	-	0.086 U	0.08 U	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	435	-	-	0.86 U	0.8 U	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	122	-	-	0.42 U	0.39 U	-	-	-	-	-	-
Caprolactam	-	-	-	2.2 U	2 U	-	-	-	-	-	-
Carbazole	-	-	-	0.086 U	0.08 U	-	-	-	-	-	-
Chrysene	1	56	110	0.086 U	0.08 U	0.33 U	0.33 U	-	-	-	-
Dibenz(a,h)anthracene	1000	0.56	1.1	0.086 U	0.08 U	0.33 U	0.33 U	-	-	-	-
Dibenzofuran	6.2	500	1000	0.42 U	0.39 U	-	-	-	-	-	-
Diethyl phthalate	7.1	-	-	0.42 U	0.39 U	-	-	-	-	-	-
Dimethyl phthalate	27	-	-	0.42 U	0.39 U	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	8.1	-	-	0.42 U	0.39 U	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	120	-	-	0.42 U	0.39 U	-	-	-	-	-	-
Fluoranthene	1000	500	1000	0.086 U	0.08 U	**0.39**	0.33 U	-	-	-	-
Fluorene	386	500	1000	0.086 U	0.08 U	0.33 U	0.33 U	-	-	-	-
Hexachlorobenzene	1.4	6	12	0.086 U	0.08 U	-	-	-	-	-	-
Hexachlorobutadiene	-	-	-	0.086 U	0.08 U	-	-	-	-	-	-
Hexachlorocyclopentadiene	-	-	-	0.42 U	0.39 U	-	-	-	-	-	-
Hexachloroethane	-	-	-	0.42 U	0.39 U	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	8.2	5.6	11	0.086 U	0.08 U	0.33 U	0.33 U	-	-	-	-
Isophorone	4.4	-	-	0.42 U	0.39 U	-	-	-	-	-	-
Naphthalene	12	500	1000	0.086 U	0.08 U	0.33 U	0.33 U	-	-	-	-
Nitrobenzene	0.17	69	140	0.86 U	0.8 U	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	-	-	-	0.086 U	0.08 U	-	-	-	-	-	-
N-Nitrosodiphenylamine	-	-	-	0.42 U	0.39 U	-	-	-	-	-	-
Pentachlorophenol	0.8	6.7	55	0.42 U	0.39 U	-	-	-	-	-	-
Phenanthrene	1000	500	1000	0.086 U	0.08 U	**0.45**	0.33 U	-	-	-	-
Phenol	0.33	500	1000	0.086 U	0.08 U	-	-	-	-	-	-
Pyrene	1000	500	1000	0.086 U	0.08 U	**0.4**	0.33 U	-	-	-	-
Total Solids (%)											
Total solids	-	-	-	**77.3**	**83.2**	**86.9**	**87.8**	**88**	**84.8**	**88.1**	**86**
Volatile Organic Compounds (mg/kg)											
1,1,1-Trichloroethane	0.68	500	1000	0.0065 U	0.006 U	-	-	0.0057 U	0.0059 U	0.0057 U	0.0058 U
1,1,2,2-Tetrachloroethane	0.6	-	-	0.0065 U	0.006 U	-	-	0.0057 U	0.0059 U	0.0057 U	0.0058 U
1,1,2-Trichloroethane	-	-	-	0.0065 U	0.006 U	-	-	0.0057 U	0.0059 U	0.0057 U	0.0058 U
1,1-Dichloroethane	0.27	240	480	0.0065 U	0.006 U	-	-	0.0057 U	0.0059 U	0.0057 U	0.0058 U
1,1-Dichloroethene	0.33	500	1000	0.0065 U	0.006 U	-	-	0.0057 U	0.0059 U	0.0057 U	0.0058 U
1,2,4-Trichlorobenzene	3.4	-	-	0.0065 U	0.006 U	-	-	0.0057 U	0.0059 U	0.0057 U	0.0058 U
1,2,4-Trimethylbenzene	3.6	190	380	-	-	0.2 U	0.2 U	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	-	-	-	0.0065 U	0.006 U	-	-	0.0057 U	0.0059 U	0.0057 U	0.0058 U
1,2-Dibromoethane (Ethylene dibromide)	-	-	-	0.0065 U	0.006 U	-	-	0.0057 U	0.0059 U	0.0057 U	0.0058 U
1,2-Dichlorobenzene	1.1	500	1000	0.0065 U	0.006 U	-	-	0.0057 U	0.0059 U	0.0057 U	0.0058 U
1,2-Dichloroethane	0.02	30	60	0.0065 U	0.006 U	-	-	0.0057 U	0.0059 U	0.0057 U	0.0058 U

TABLE II
SOIL ANALYTICAL RESULTS - BUILDING 8
GMCH LOCKPORT FACILITY
LOCKPORT, NEW YORK
BCP SITE #C932139

BUILDING				Building 8	Building 8	Building 8	Building 8	Building 8	Building 8	Building 8	Building 8
LOCATION	Protection of	Restricted	Restricted	8-SB-12	8-SB-12	BLDG 8-1	BLDG 8-2	MW-8-1	MW-8-2	MW-8-3	MW-8-4
DATE	Groundwater	Commercial	Industrial	12/28/2010	12/28/2010	5/24/2005	5/24/2005	12/29/2010	12/28/2010	12/27/2010	1/5/2011
DEPTH	SCOs	SCOs	SCOs	10 - 12 ft BGS	10 - 12 ft BGS	4 - 6 ft	4 - 7 ft	8 - 10 ft BGS	8 - 10 ft BGS	8 - 10 ft BGS	5 - 7 ft BGS
SAMPLE TYPE	(PGWSCOs)	(CSCOs)	(ISCOs)	FD	N	N	N	N	N	N	N
1,2-Dichloropropane	-	-	-	0.0065 U	0.006 U	-	-	0.0057 U	0.0059 U	0.0057 U	0.0058 U
1,3,5-Trimethylbenzene	8.4	190	380	-	-	0.2 U	0.2 U	-	-	-	-
1,3-Dichlorobenzene	2.4	280	560	0.0065 U	0.006 U	-	-	0.0057 U	0.0059 U	0.0057 U	0.0058 U
1,4-Dichlorobenzene	1.8	130	250	0.0065 U	0.006 U	-	-	0.0057 U	0.0059 U	0.0057 U	0.0058 U
2-Butanone (Methyl ethyl ketone) (MEK)	0.3	500	1000	0.0065 U	0.006 U	-	-	0.0057 U	0.0059 U	0.0057 U	0.0058 U
2-Hexanone	-	-	-	0.0065 U	0.006 U	-	-	0.0057 U	0.0059 U	0.0057 U	0.0058 U
2-Phenylbutane (sec-Butylbenzene)	11	500	1000	-	-	0.2 U	0.2 U	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	1	-	-	0.0065 U	0.006 U	-	-	0.0057 U	0.0059 U	0.0057 U	0.0058 U
Acetone	0.05	500	1000	0.026 U	0.024 U	-	-	0.023 U	0.024 U	0.023 U	0.023 U
Benzene	0.06	44	89	0.0065 U	0.006 U	0.2 U	0.2 U	0.0057 U	0.0059 U	0.0057 U	0.0058 U
Bromodichloromethane	-	-	-	0.0065 U	0.006 U	-	-	0.0057 U	0.0059 U	0.0057 U	0.0058 U
Bromoform	-	-	-	0.0065 U	0.006 U	-	-	0.0057 U	0.0059 U	0.0057 U	0.0058 U
Bromomethane (Methyl bromide)	-	-	-	0.0065 U	0.006 U	-	-	0.0057 U	0.0059 U	0.0057 U	0.0058 U
Carbon disulfide	2.7	-	-	0.0065 U	0.006 U	-	-	0.0057 U	0.0059 U	0.0057 U	0.0058 U
Carbon tetrachloride	0.76	22	44	0.0065 U	0.006 U	-	-	0.0057 U	0.0059 U	0.0057 U	0.0058 U
Chlorobenzene	1.1	500	1000	0.0065 U	0.006 U	-	-	0.0057 U	0.0059 U	0.0057 U	0.0058 U
Chloroethane	1.9	350	700	0.0065 U	0.006 U	-	-	0.0057 U	0.0059 U	0.0057 U	0.0058 U
Chloroform (Trichloromethane)	0.37	-	-	0.0065 U	0.006 U	-	-	0.0057 U	0.0059 U	0.0057 U	0.0058 U
Chloromethane (Methyl chloride)	-	-	-	0.0065 U	0.006 U	-	-	0.0057 U	0.0059 U	0.0057 U	0.0058 U
cis-1,2-Dichloroethene	0.25	500	1000	**0.004 J**	**0.0031 J**	-	-	**0.0012 J**	**0.01**	**0.0021 J**	0.0058 U
cis-1,3-Dichloropropene	-	-	-	0.0065 U	0.006 U	-	-	0.0057 U	0.0059 U	0.0057 U	0.0058 U
Cyclohexane	-	-	-	0.0065 U	0.006 U	-	-	0.0057 U	0.0059 U	0.0057 U	0.0058 U
Cymene (p-Isopropyltoluene)	10	-	-	-	-	0.2 U	0.2 U	-	-	-	-
Dibromochloromethane	-	-	-	0.0065 U	0.006 U	-	-	0.0057 U	0.0059 U	0.0057 U	0.0058 U
Dichlorodifluoromethane (CFC-12)	-	-	-	0.0065 U	0.006 U	-	-	0.0057 U	0.0059 U	0.0057 U	0.0058 U
Ethylbenzene	1	390	780	0.0065 U	0.006 U	0.2 U	0.2 U	0.0057 U	0.0059 U	0.0057 U	0.0058 U
Isopropyl benzene	2.3	-	-	0.0065 U	0.006 U	0.2 U	0.2 U	0.0057 U	0.0059 U	0.0057 U	0.0058 U
m&p-Xylenes	-	-	-	-	-	0.2 U	0.2 U	-	-	-	-
Methyl acetate	-	-	-	0.0065 U	0.006 U	-	-	0.0057 U	0.0059 U	0.0057 U	0.0058 U
Methyl cyclohexane	-	-	-	0.0065 U	0.006 U	-	-	0.0057 U	0.0059 U	0.0057 U	0.0058 U
Methyl tert butyl ether (MTBE)	0.93	500	1000	0.0065 U	0.006 U	-	-	0.0057 U	0.0059 U	0.0057 U	0.0058 U
Methylene chloride	0.05	500	1000	**0.001 J**	**0.00095 J**	-	-	0.0057 U	0.0059 U	0.0057 U	0.0058 U
N-Butylbenzene	12	500	1000	-	-	0.2 U	0.2 U	-	-	-	-
N-Propylbenzene	3.9	500	1000	-	-	0.2 U	0.2 U	-	-	-	-
o-Xylene	-	-	-	-	-	0.2 U	0.2 U	-	-	-	-
Styrene	-	-	-	0.0065 U	0.006 U	-	-	0.0057 U	0.0059 U	0.0057 U	0.0058 U
tert-Butylbenzene	5.9	500	1000	-	-	0.2 U	0.2 U	-	-	-	-
Tetrachloroethene	1.3	150	300	0.0065 U	0.006 U	-	-	0.0057 U	0.0059 U	0.0057 U	0.0058 U
Toluene	0.7	500	1000	0.0065 U	0.006 U	0.2 U	0.2 U	0.0057 U	0.0059 U	0.0057 U	0.0058 U
trans-1,2-Dichloroethene	0.19	500	1000	0.0065 U	0.006 U	-	-	0.0057 U	0.0059 U	0.0057 U	0.0058 U
trans-1,3-Dichloropropene	-	-	-	0.0065 U	0.006 U	-	-	0.0057 U	0.0059 U	0.0057 U	0.0058 U
Trichloroethene	0.47	200	400	**0.0082**	**0.0086**	-	-	0.0057 U	**0.039**	0.0057 U	0.0058 U
Trichlorofluoromethane (CFC-11)	-	-	-	0.0065 U	0.006 U	-	-	0.0057 U	0.0059 U	0.0057 U	0.0058 U
Trifluorotrichloroethane (Freon 113)	6	-	-	0.0065 U	0.006 U	-	-	0.0057 U	0.0059 U	0.0057 U	0.0058 U
Vinyl chloride	0.02	13	27	0.0065 U	0.006 U	-	-	0.0057 U	**0.0012 J**	0.0057 U	0.0058 U
Xylenes (total)	1.6	500	1000	0.019 U	0.018 U	0.2 U	0.2 U	0.017 U	0.018 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 8
GMCH LOCKPORT FACILITY
LOCKPORT, NEW YORK
BCP SITE #C932139

BUILDING	Class GA	Building 8	Building 8	Building 8	Building 8	Building 8	Building 8	Building 6	Building 6	Building 6
LOCATION	TOGS 1.1.1	MW-8-003-B	MW-8-1	MW-8-2	MW-8-3	MW-8-3	MW-8-4	MW-6-1	MW-6-2	MW-6-F-8
DATE		4/28/2011	4/29/2011	4/29/2011	5/2/2011	5/2/2011	5/2/2011	4/27/2011	4/27/2011	4/27/2011
SAMPLE TYPE	ug/L	N	N	N	FD	N	N	N	N	N
Volatile Organic Compounds (ug/L)										
cis-1,2-Dichloroethene	5	**190** [A]	**0.86 J**	**9300** [A]	**5**	**4.3**	**68** [A]	1.0 U	1.0 U	1.0 U
Tetrachloroethene	5	**300** [A]	1.0 U	40 U	**1.9**	**1.7**	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	5	5.0 U	1.0 U	40 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	5	**110** [A]	1.0 U	**660** [A]	**9.3** [A]	**6** [A]	**12** [A]	1.0 U	1.0 U	1.0 U
Vinyl chloride	2	**19** [A]	1.0 U	**270** [A]	1.0 U	1.0 U	**17** [A]	1.0 U	1.0 U	1.0 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
VAPOR INTRUSION ANALYTICAL RESULTS - BUILDING 8
GMCH LOCKPORT FACILITY
LOCKPORT, NEW YORK
BCP SITE #C932139

BUILDING	Building 8	Building 8	Building 8	Building 8	Building 8	Building 8	Building 8	Building 8	Building 8	Building 8	Building 8
LOCATION	8-VI-1IA	8-VI-1SS	8-VI-2IA	8-VI-2SS	8-VI-3IA	8-VI-3SS	8-VI-4IA	8-VI-4SS	8-VI-5IA	8-VI-5SS	8-VI-OUT
DATE	1/18/2011	1/18/2011	1/18/2011	1/18/2011	1/18/2011	1/18/2011	1/18/2011	1/18/2011	1/18/2011	1/18/2011	1/18/2011
SAMPLE TYPE	N	N	N	N	N	N	N	N	N	N	N
Volatile Organic Compounds (ug/m3)											
1,1,1-Trichloroethane	2.2 U	0.87 U	0.87 U	2.2 U	0.87 U	0.44 U	0.87 U	2.2 U	4.4 U	16000 U	0.87 U
1,1,2,2-Tetrachloroethane	2.7 U	1.1 U	1.1 U	2.7 U	1.1 U	0.55 U	1.1 U	2.7 U	5.5 U	21000 U	1.1 U
1,1,2-Trichloroethane	2.2 U	0.87 U	0.87 U	2.2 U	0.87 U	0.44 U	0.87 U	2.2 U	4.4 U	16000 U	0.87 U
1,1-Dichloroethane	1.6 U	0.65 U	0.65 U	1.6 U	0.65 U	0.32 U	0.65 U	1.6 U	3.2 U	12000 U	0.65 U
1,1-Dichloroethene	1.6 U	0.63 U	0.63 U	1.6 U	0.63 U	0.32 U	0.63 U	1.6 U	3.2 U	12000 U	0.63 U
1,2,4-Trichlorobenzene	3.0 UJ	1.2 U	1.2 U	3.0 U	1.2 U	0.59 U	1.2 U	3.0 U	5.9 U	22000 U	1.2 U
1,2,4-Trimethylbenzene	**5.1**	**5.1**	**0.97**	2.0 U	**2.1**	**1.5**	**5.8**	**4.6**	3.9 U	15000 U	0.79 U
1,2-Dibromoethane (Ethylene dibromide)	3.1 U	1.2 U	1.2 U	3.1 U	1.2 U	0.61 U	1.2 U	3.1 U	6.1 U	23000 U	1.2 U
1,2-Dichlorobenzene	2.4 U	0.96 U	0.96 U	2.4 U	0.96 U	0.48 U	0.96 U	2.4 U	4.8 U	18000 U	0.96 U
1,2-Dichloroethane	1.6 U	0.65 U	0.65 U	1.6 U	0.65 U	0.32 U	0.65 U	1.6 U	3.2 U	12000 U	0.65 U
1,2-Dichloropropane	1.8 U	0.74 U	0.74 U	1.8 U	0.74 U	0.37 U	0.74 U	1.8 U	3.7 U	14000 U	0.74 U
1,2-Dichlorotetrafluoroethane (CFC 114)	2.8 U	1.1 U	1.1 U	2.8 U	1.1 U	0.56 U	1.1 U	2.8 U	5.6 U	21000 U	1.1 U
1,3,5-Trimethylbenzene	**2.5 J**	**2.5 J**	0.79 UJ	2.0 UJ	**1.0 J**	**0.62 J**	**2.7 J**	2.0 UJ	3.9 UJ	15000 UJ	0.79 UJ
1,3-Dichlorobenzene	2.4 U	0.96 U	0.96 U	2.4 U	0.96 U	0.48 U	0.96 U	2.4 U	4.8 U	18000 U	0.96 U
1,4-Dichlorobenzene	2.4 U	**8.8**	0.96 U	**2.9**	**1.8**	**1.8**	**6.6**	**11**	4.8 U	18000 U	0.96 U
1,4-Dioxane	3.6 U	1.4 U	1.4 U	3.6 U	1.4 U	0.72 U	1.4 U	3.6 U	7.2 U	27000 U	1.4 U
2,2,4-Trimethylpentane	4.7 U	**26**	**3**	4.7 U	**2.8**	0.93 U	**5.2**	**6.4**	9.3 U	35000 U	1.9 U
2-Butanone (Methyl ethyl ketone) (MEK)	**84**	**91**	**41**	**8.5**	**44**	**3.7**	**63**	**57**	**100**	35000 U	**12**
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	**27**	**22**	**9**	4.1 U	**8**	**0.92**	**17**	**13**	**19**	30000 U	**5.4**
Benzene	**2.1**	**4.8**	**1.4**	1.3 U	**1.6**	**1.7**	**2.2**	**7.5**	2.6 U	9600 U	**1.1**
Benzyl chloride	4.1 U	1.7 U	1.7 U	4.1 U	1.7 U	0.83 U	1.7 U	4.1 U	8.3 U	31000 U	1.7 U
Bromodichloromethane	2.7 U	1.1 U	1.1 U	2.7 U	1.1 U	0.54 U	1.1 U	2.7 U	5.4 U	20000 U	1.1 U
Bromoform	4.1 U	1.7 U	1.7 U	4.1 U	1.7 U	0.83 U	1.7 U	4.1 U	8.3 U	31000 U	1.7 U
Bromomethane (Methyl bromide)	1.6 U	0.62 U	0.62 U	1.6 U	0.62 U	0.31 U	0.62 U	1.6 U	3.1 U	12000 U	0.62 U
Carbon tetrachloride	1.3 UJ	0.50 U	**0.54**	1.3 U	**0.63**	**0.57**	**0.63**	1.3 U	2.5 U	9400 U	**0.55**
Chlorobenzene	1.8 U	0.74 U	0.74 U	1.8 U	0.74 U	0.37 U	0.74 U	1.8 U	3.7 U	14000 U	0.74 U
Chloroethane	1.1 U	0.42 U	0.42 U	1.1 U	**1**	0.21 U	0.42 U	1.1 U	2.1 U	7900 U	0.42 U
Chloroform (Trichloromethane)	2.0 U	0.78 U	0.78 U	2.0 U	0.78 U	0.39 U	0.78 U	**4.2**	3.9 U	15000 U	0.78 U
Chloromethane (Methyl chloride)	2.1 U	**0.91**	**1.4**	2.1 U	**1.8**	**1.5**	**1.7**	2.1 U	4.1 U	15000 U	**1.5**
cis-1,2-Dichloroethene	**2.2**	0.63 U	**1.5**	**190**	**2.6**	**3.3**	**3.7**	**6.7**	**3.3**	**830000**	0.63 U
cis-1,3-Dichloropropene	1.8 U	0.73 U	0.73 U	**1.8 U**	0.73 U	0.36 U	0.73 U	1.8 U	3.6 U	14000 U	0.73 U
Cyclohexane	3.4 U	**4.5**	1.4 U	**3.4 U**	1.4 U	0.69 U	1.4 U	**9.2**	6.9 U	25000 U	1.4 U
Dibromochloromethane	3.4 U	1.4 U	1.4 U	**3.4 U**	1.4 U	0.68 U	1.4 U	3.4 U	6.8 U	26000 U	1.4 U
Dichlorodifluoromethane (CFC-12)	**4.5**	**3.3**	**3.1**	**3.5**	**3.3**	**3.5**	**3.5**	**3.3**	4.0 U	15000 U	**3.1**
Ethanol	**50**	**21**	**26**	**45**	**23**	**22**	**43**	**110**	**38**	57000 U	**280**
Ethylbenzene	**29**	**33**	**12**	**5.1**	**21**	**2.7**	**27**	**20**	**23**	13000 U	0.69 U
Hexachlorobutadiene	4.3 U	1.7 U	1.7 U	**4.3 U**	1.7 U	0.85 U	1.7 U	4.3 U	8.5 U	32000 U	1.7 U
Hexane	3.5 U	**10**	**2**	**3.5 U**	**1.7**	**3.3**	**2.8**	**32**	7.0 U	26000 U	**2.2**
m&p-Xylenes	**90**	**110**	**35**	**18**	**69**	**9.8**	**86**	**68**	**66**	13000 U	**1.2**
Methyl tert butyl ether (MTBE)	2.9 U	1.2 U	1.2 U	**2.9 U**	1.2 U	0.58 U	1.2 U	2.9 U	5.8 U	21000 U	1.2 U
Methylene chloride	3.5 U	1.4 U	**2.6**	**3.5 U**	1.4 U	**2.8**	**3.4**	3.5 U	6.9 U	26000 U	1.4 U
o-Xylene	**17**	**19**	**5.5**	**3.7**	**11**	**2.8**	**16**	**16**	**9.3**	13000 U	0.69 U
Styrene	**4.2**	**3.8**	**0.78**	**1.7 U**	**2.1**	**0.56**	**3.3**	**3**	3.4 U	13000 U	**0.92**
tert-Butyl alcohol	**38**	**24**	**12**	**4.9 U**	**9.3**	**1.3**	**20**	**44**	**30**	36000 U	**15**
Tetrachloroethene	**9.6**	**13**	**5**	**35**	**7.2**	**1.2**	**8.7**	**11**	**11**	20000 U	**2**
Toluene	**21**	**27**	**9**	**5.6**	**13**	**18**	**20**	**120**	**15**	11000 U	**29**
trans-1,2-Dichloroethene	1.6 U	0.63 U	0.63 U	**1.6 U**	0.63 U	0.32 U	0.63 U	**2.1**	3.2 U	12000 U	0.63 U
trans-1,3-Dichloropropene	1.8 U	0.73 U	0.73 U	**1.8 U**	0.73 U	0.36 U	0.73 U	1.8 U	3.6 U	14000 U	0.73 U
Trichloroethene	**11**	**5.7**	**7**	**190**	**13**	**19**	**16**	**45**	**11**	**4200000**	**1.3**
Trichlorofluoromethane (CFC-11)	**3.7**	**1.8**	**1.8**	2.2 U	**1.7**	**1.8**	**2**	**3.9**	4.5 U	17000 U	**1.4**
Trifluorotrichloroethane (Freon 113)	3.1 U	**9.4**	1.2 U	**150**	1.2 U	**1.2**	**1.7**	**18**	6.1 U	23000 U	1.2 U
Vinyl chloride	1.0 U	0.41 U	0.41 U	**1.9**	0.41 U	0.20 U	0.41 U	1.0 U	2.0 U	7700 U	0.41 U

Notes and Abbreviations:

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

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

5. Only bolded analytes have applicable comparison criteria.

Table VI
Summary of Groundwater Elevation Measurements
GMCH Lockport Facility
Building 8 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

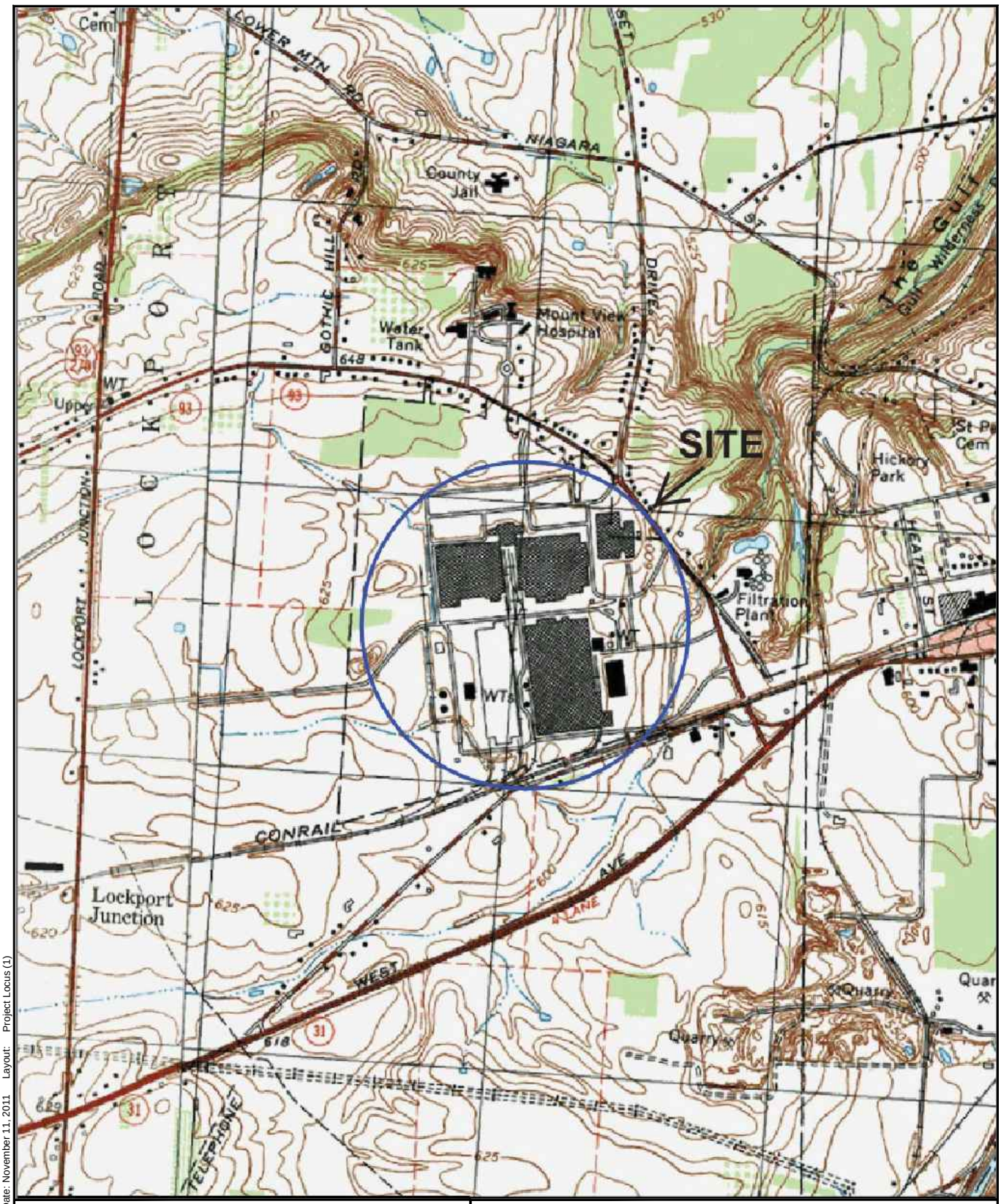
Notes:
1. Elevations shown were calculated based on measurements made by GZA on May 2, 2011.
2. Monitoring points have been established at the top of the PVC casing for each well.
3. NM - Not measured.
4. NI - Not installed at the time of the measurement.
5. * = monitoring point is top of steel casing.

TABLE VII: FATE & TRANSPORT AND POTENTIAL EXPOSURE PATHWAYS FOR SITE CONTAMINANTS OF CONCERN
GMCH LOCKPORT BUILDING 8 BCP SITE REMEDIAL INVESTIGATION PROGRAM
GENERAL MOTORS COMPONANTS HOLDINGS
LOCKPORT, NEW YORK

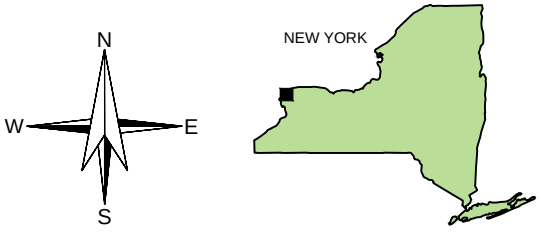
Media	Constituents of Concern (COCs)	Fate & Transport	Potentially Affected Populations	Exposure Pathways *Ingestion*	*Absorption*	*Inhalation*	Potential Exposure Setting & Mechanism
Soil	▪ Chlorinated Solvents (TCE, cis-1,2-DCE)	▪ Chlorinated solvents were encountered in soil in excess of Protection 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 vapor and air have been identified that will require mitigation per NYSDOH guidance. ▪ There is a potential that COC vapors could be emitted into the ambient air if soil is excavated and/or groundwater is exposed to surface in the future	▪ Current Site Workers ▪ Future Site Workers/ Occupants	Not Applicable	Not Applicable	Complete	**Ingestion:** Not an applicable pathway. **Absorption:** Not an applicable pathway. **Inhalation:** Currently a complete exposure pathway exists within Building 8. 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

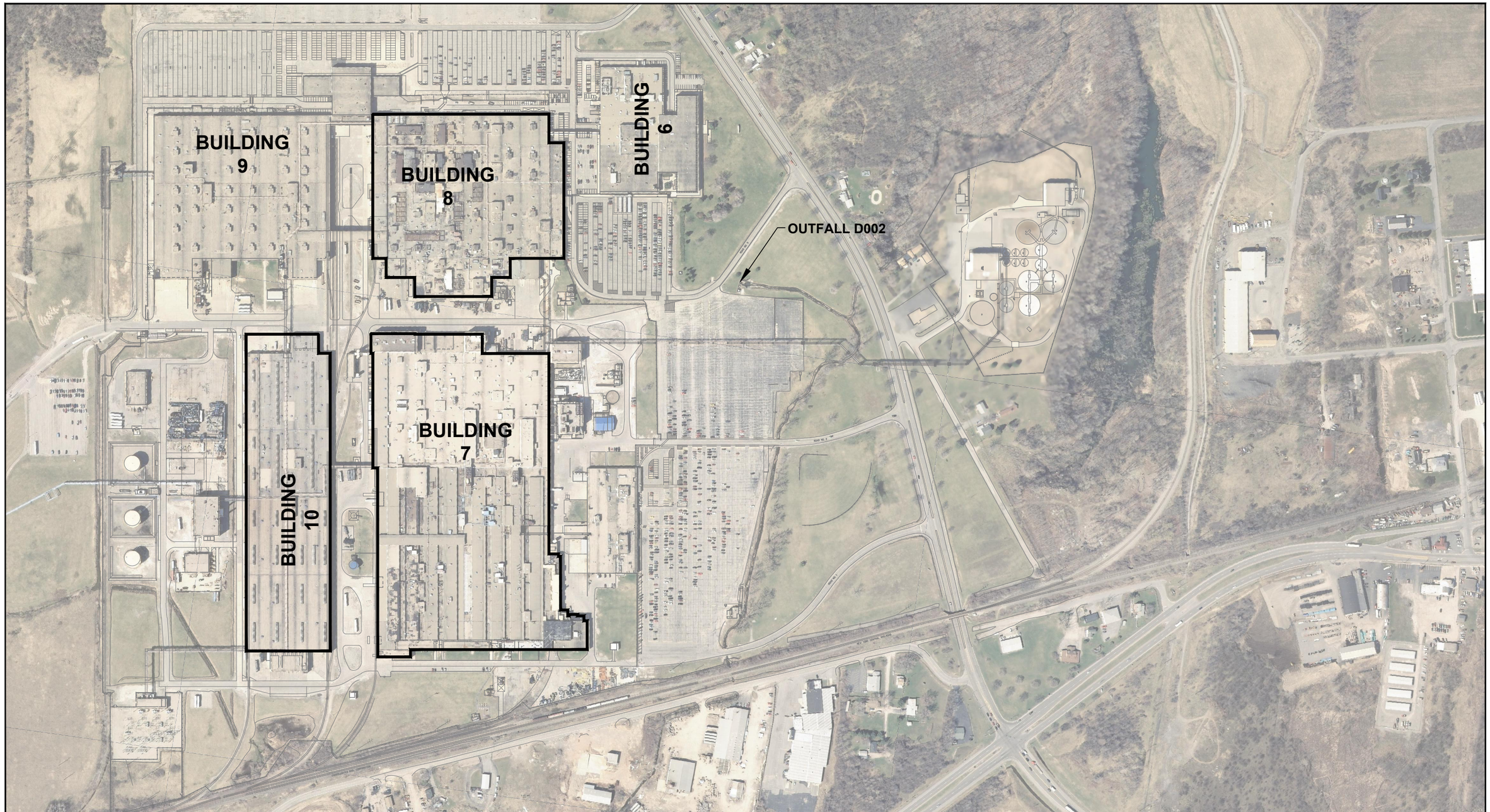
GM COMPONENTS HOLDINGS, LLC
LOCKPORT FACILITY
200 UPPER MOUNTAIN ROAD
LOCKPORT, NEW YORK

PROJECT LOCUS

SCALE: 1:24000
NOVEMBER 2011

FIGURE 1

Drawing Name: G:\36795_GM Lockport\CAD\36795-BLDG8-01.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.

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SCALE IN FEET

HALEY & ALDRICH

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

BUILDING 8 SITE PLAN

SCALE: AS SHOWN
NOVEMBER 2011

FIGURE 2

G:\36795_GM LOCKPORT\CAD\36795-BLDG8-02.DWG

APPROXIMATE LIMITS
BLDG 8 BCP SITE

BUILDING 6

BUILDING 9

BUILDING 8

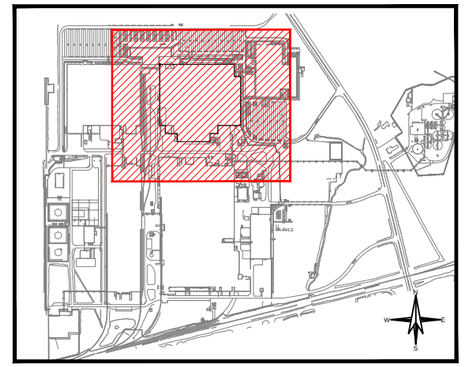
8-002-B
8-002-C
8-002-A
8-001-F
8-006-E
8-006-F
8-005-5D
8-006-C
MW-8-1
8-VI-2
8-001-B
8-001-G
8-006-D
8-006-B
8-006-A
8-005-5C
8-VI-1
8-005-1
8-SB-9
8-001-C
8-SB-6
8-SB-8
8-SB-7
MW-8-4
8-SB-10
8-005-5B
8-001-E
8-SB-11
8-005-5A
8-VI-4
MW-8-3
8-SB-12
8-001-I
8-005-4D
8-005-4B
8-005-4A
8-005-4E
8-005-4C
8-VI-5
8-SB-2
8-SB-3
8-005-3B
8-005-2-B
8-VI-3
8-SB-1
8-005-3A
8-005-2-A
MW-8-2
8-SB-4
8-005-3C
8-SB-5
8-005-2-C
8-001-H
8-004-B
MW-7
8-001-A
8-004-A
8-004-C
8-001-J
MW-3S
MW-3D
8-009-A
8-009-B
8-VI-OUT
MW-8-003-B
MW-6
7-M-1
GS-C
7-FF-1
7-SB-10
MW-8
7-FF-2
7-L-1
7-M-2
MW-4
GS-D
MW-6-F-8
MW-6-F-7
MW-6-F-9

LEGEND:

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

NOTES:

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



SITE KEY:
NOT TO SCALE

N
W E
S

0 60 120 180 240
SCALE IN FEET

HALEY & ALDRICH

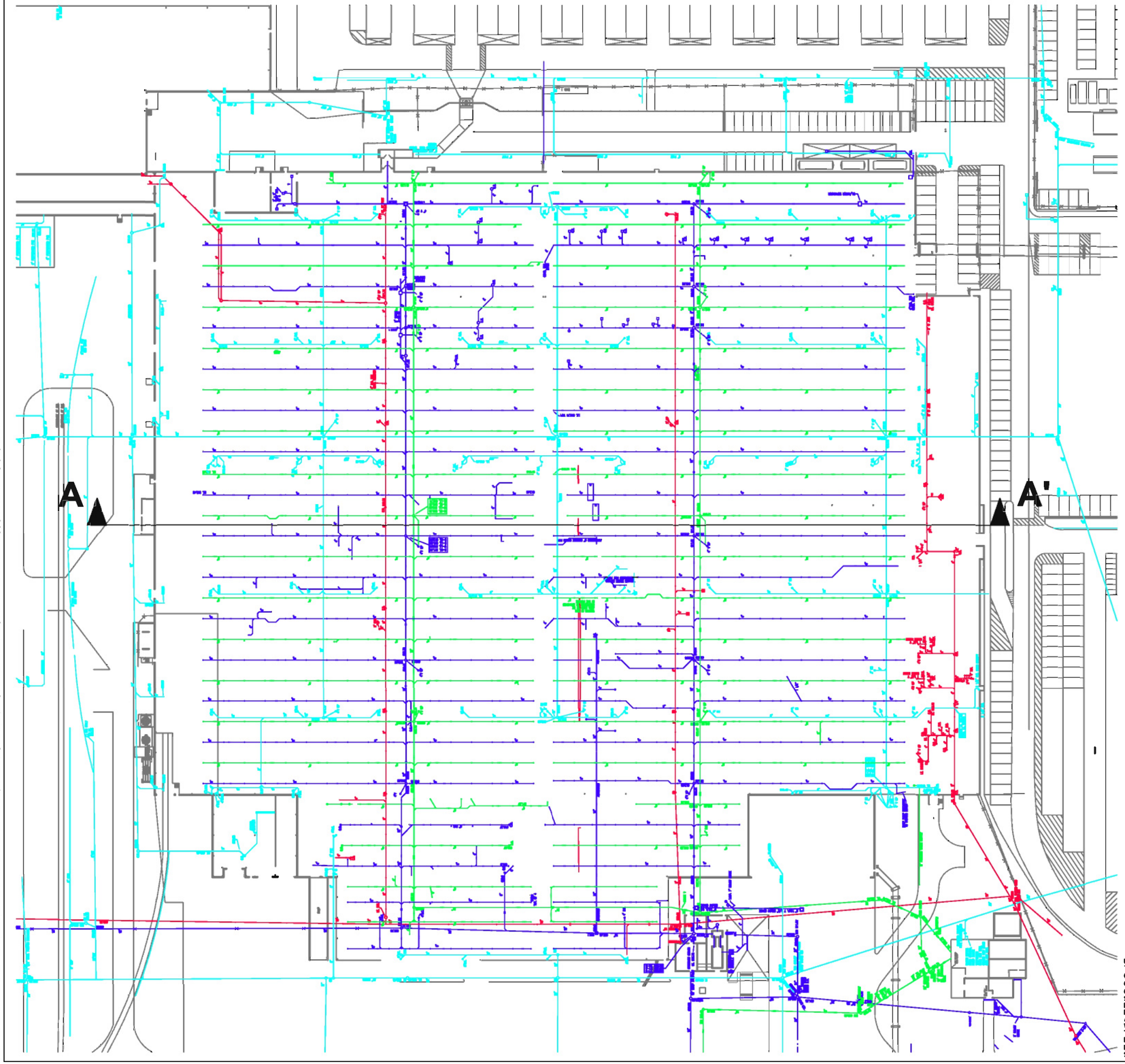
GM COMPONENTS HOLDINGS, LLC.
LOCKPORT FACILITY
200 UPPER MOUNTAIN ROAD
LOCKPORT, NEW YORK

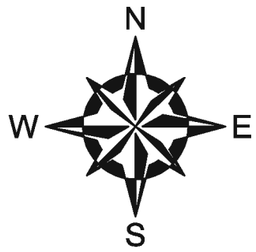
BUILDING 8
SAMPLING LOCATION PLAN

SCALE: AS SHOWN
NOVEMBER 2011

FIGURE 3

G:\36795_GM LOCKPORT\CAD\36795-BLDG8-03.DWG





LEGEND:

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

0 50 100 200

SCALE IN FEET

NO.	ISSUE/DESCRIPTION	BY	DATE

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

BUILDING 8
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'

EXTRAPOLATED SURFACE ELEVATION FROM GROUND SURFACE MEASUREMENTS AT WELL LOCATIONS

APPROXIMATE BUILDING 8 FLOOR GRADE

APPROXIMATE GROUNDWATER ELEVATION MEASURED ON MAY 2, 2011

APPROXIMATE TOP OF BEDROCK

ELEVATION (IN FEET)

616
612
608
604
600

MW-8-1 EL. 615.5 o/s 243'N
8-SB-12 EL. 615.5 o/s 72'S
MW-8-2 EL. 615.5 o/s 227'S
MW-8-3 EL. 615.5 o/s 6'S
8-SB-2 EL. 615.5 o/s 199'S
8-SB-4 EL. 615.5 o/s 220'S
MW-8-4 EL. 613.8 o/s 125'N

NORTH END
SOUTH END
MID-POINT

NOTE:

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

LEGEND:

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

APPROXIMATE SCALE (IN FEET)

HORIZONTAL
0 30 60 120

VERTICAL
0 2 4 8

NO.	ISSUE/DESCRIPTION	BY	DATE

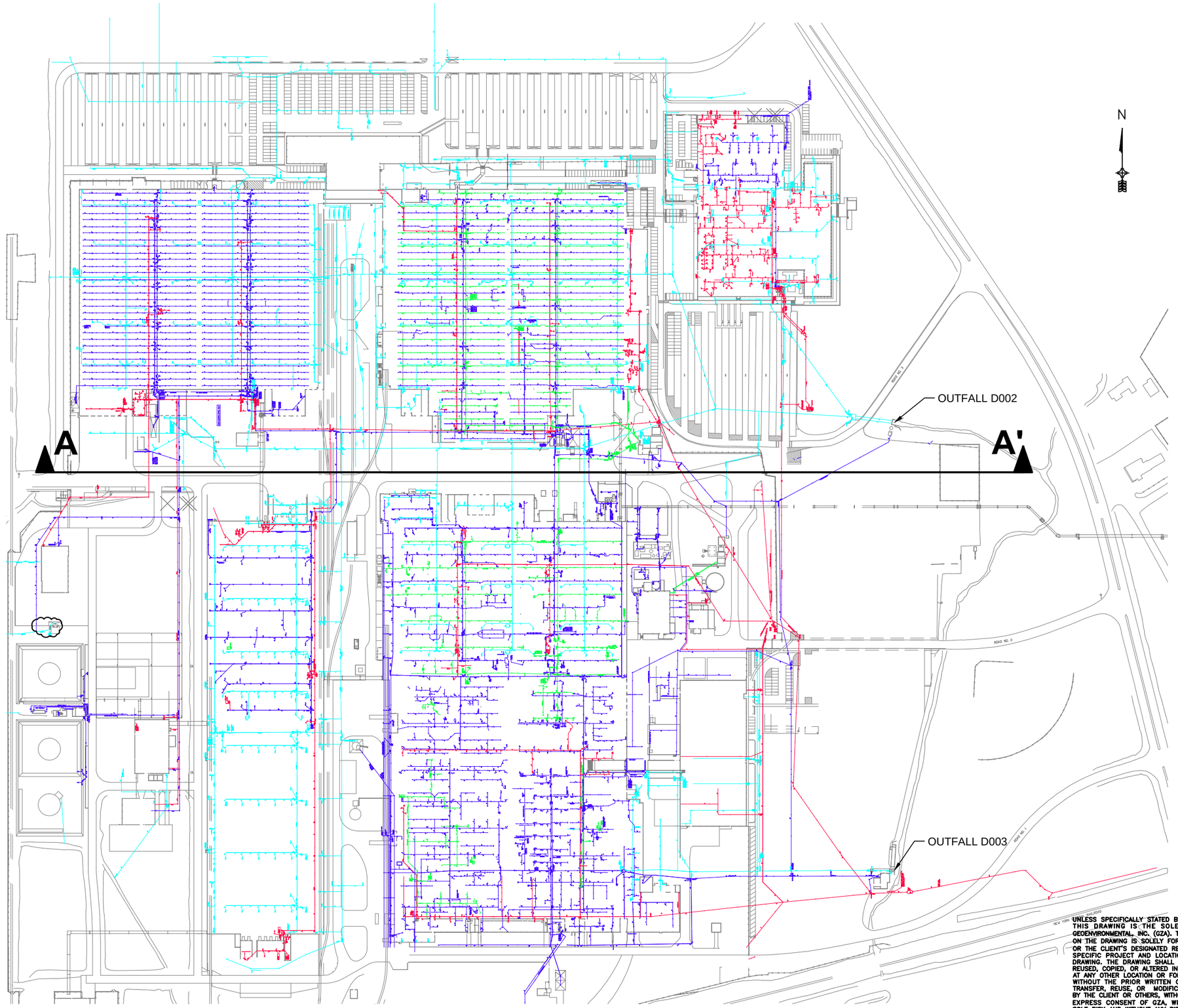
GM COMPONENTS HOLDINGS, LLC
LOCKPORT FACILITY
200 UPPER MOUNTAIN ROAD
LOCKPORT, NEW YORK

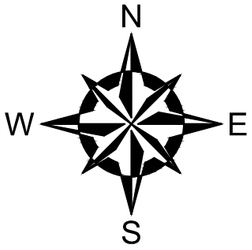
BUILDING 8
SUBSURFACE PIPE LOCATION MAP CROSS SECTION A-A'

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.	





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

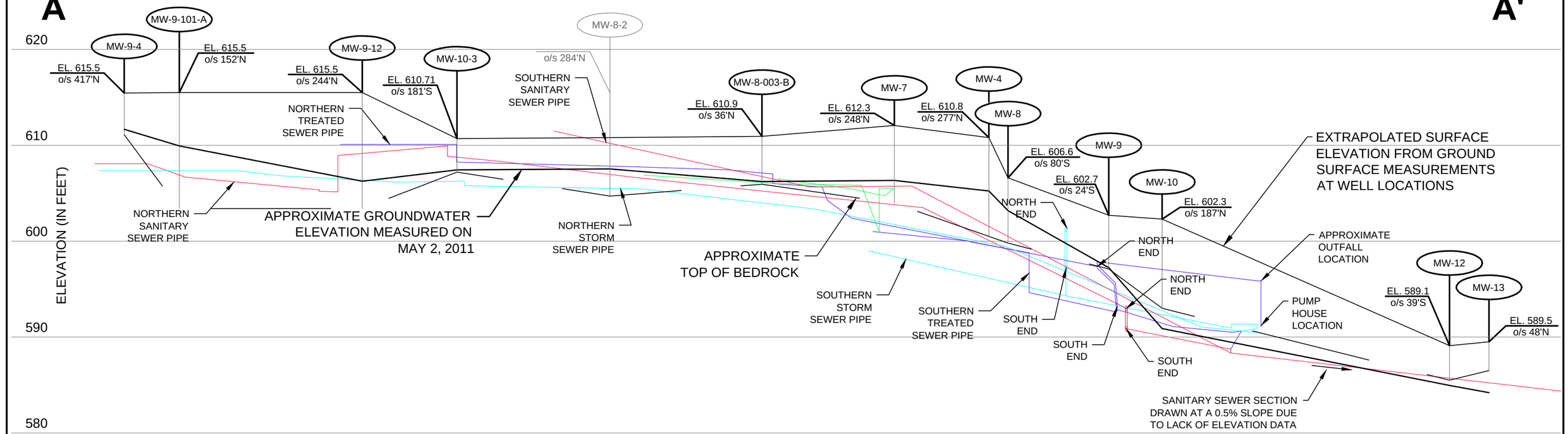
GM COMPONENTS HOLDINGS, LLC
LOCKPORT FACILITY
200 UPPER MOUNTAIN ROAD
LOCKPORT, NEW YORK

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
DESIGNED BY:	DRAWN BY: DEW	SCALE: 1"= 300'	6
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

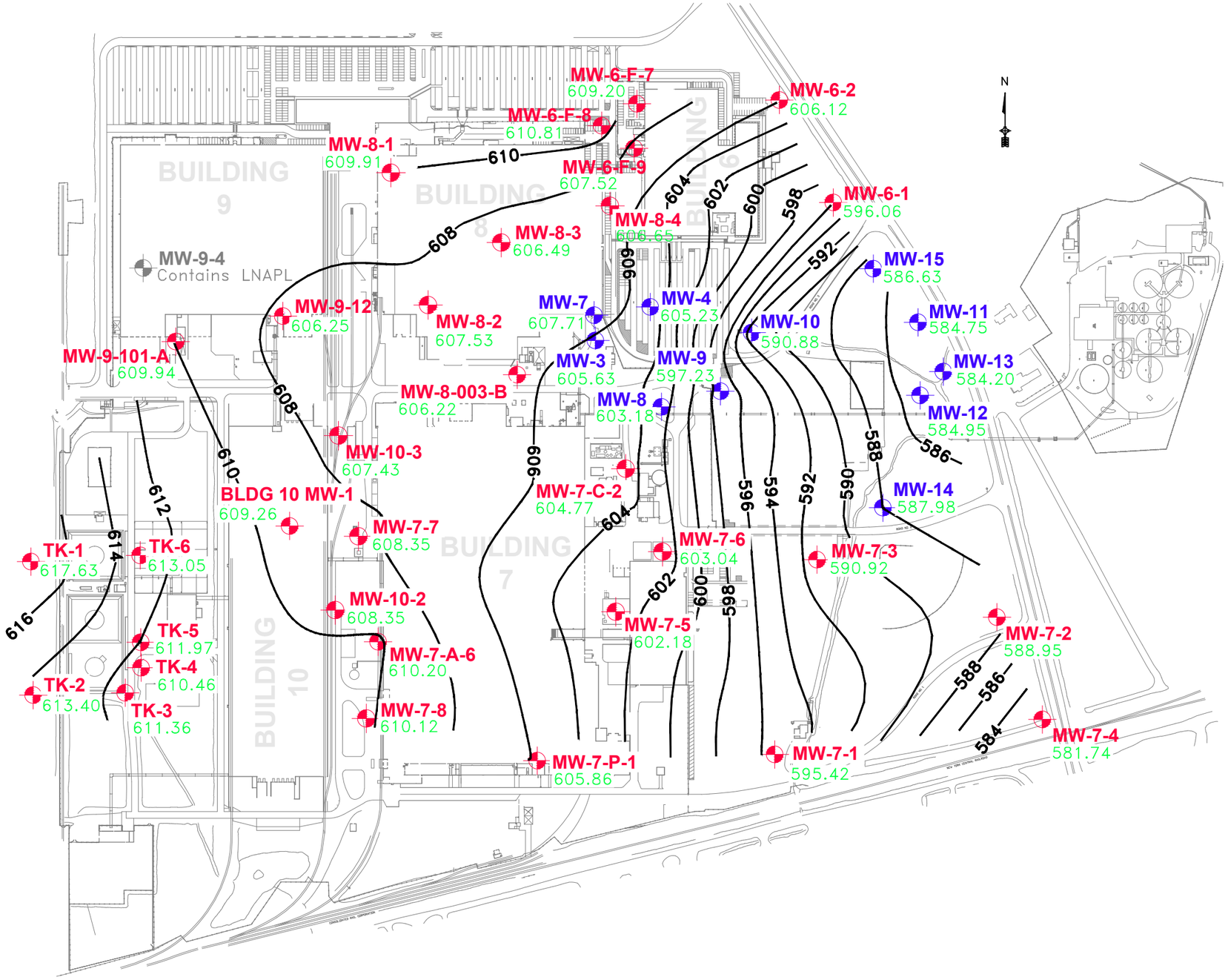
GM COMPONENTS HOLDINGS, LLC
LOCKPORT FACILITY
200 UPPER MOUNTAIN ROAD
LOCKPORT, NEW YORK

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

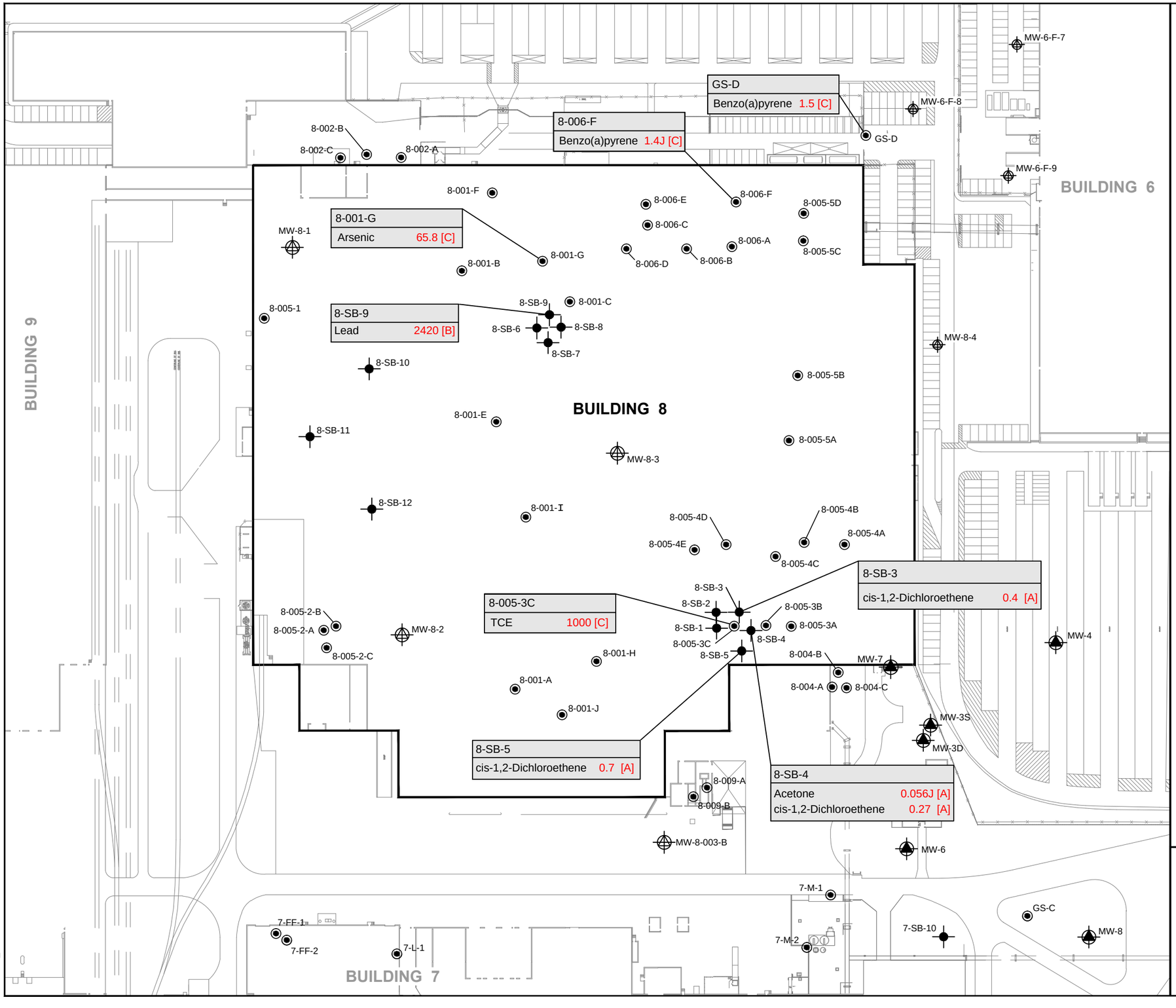
GM COMPONENTS HOLDINGS, LLC
LOCKPORT FACILITY
200 UPPER MOUNTAIN ROAD
LOCKPORT, NEW YORK

GROUNDWATER MONITORING WELL ELEVATIONS OF 5-2-11

PROJECT No.
21.0056546.00

FIGURE No.
8

Drawing Name: G:\36795_GM Lockport\CAD\36795-BLDG8-08.dwg Layout: GW Contours (8)
Operator Name: LUCIDO_SAM Plot Date: November 11, 2011

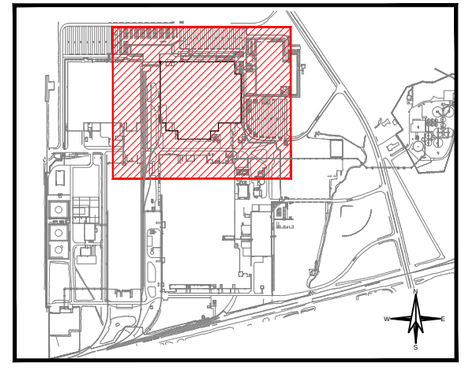


LEGEND:

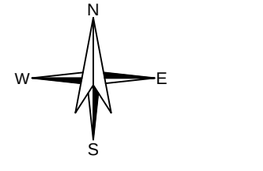
- TCE AREA MONITORING WELL WITHIN THE ENVIRONMENTAL EASEMENT AREA, PREVIOUSLY LOCATED. (APPROXIMATE LOCATION)
- APPROXIMATE LOCATION OF SOIL BORING
- ERM BORING LOCATION
- APPROXIMATE LOCATION OF MONITORING WELL

NOTES:

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



SITE KEY:
NOT TO SCALE



0 60 120 180 240
SCALE IN FEET

HALEY & ALDRICH

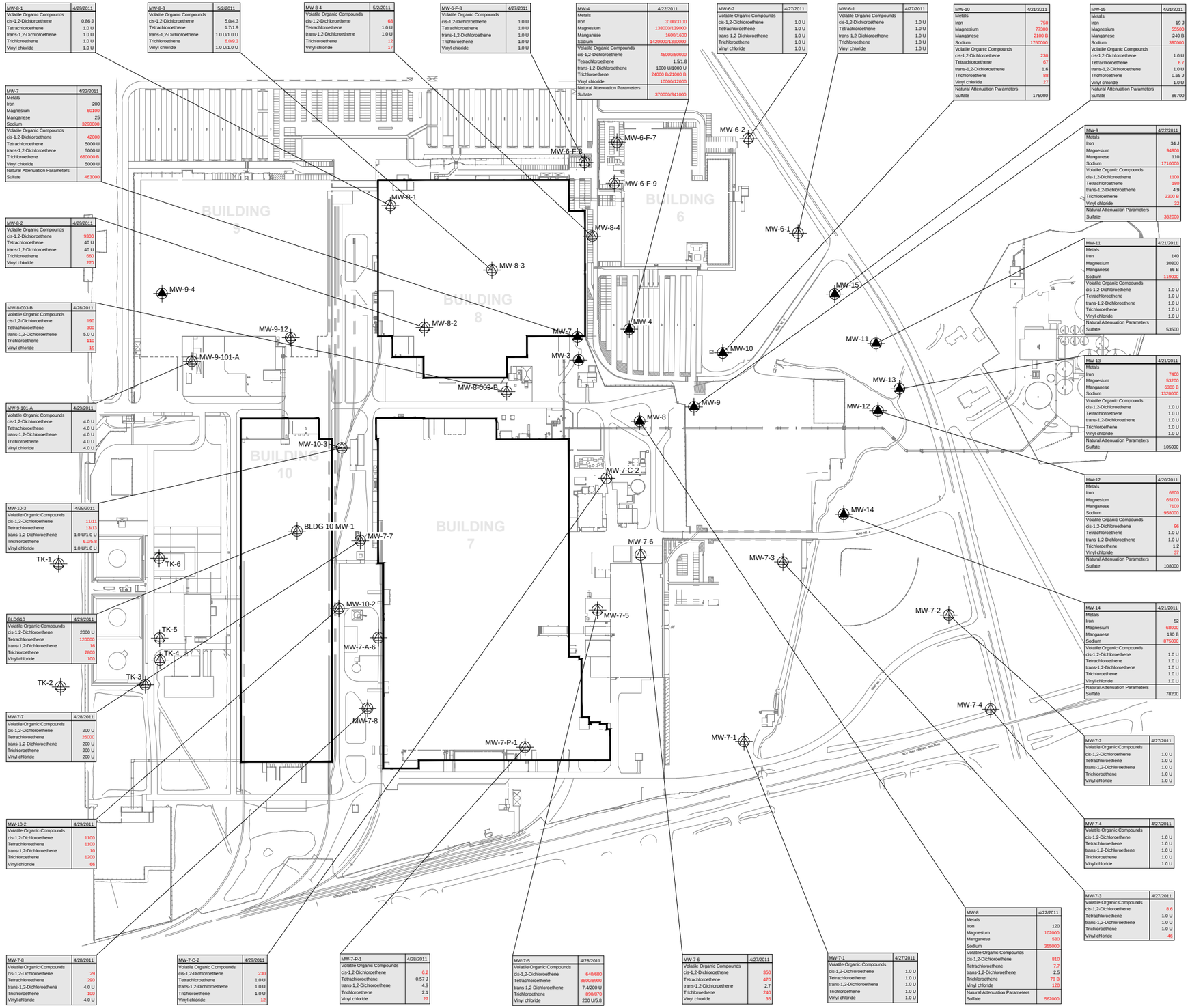
GM COMPONENTS HOLDINGS, LLC.
LOCKPORT FACILITY
200 UPPER MOUNTAIN ROAD
LOCKPORT, NEW YORK

BUILDING 8
SOIL ANALYTICAL EXCEEDANCES SUMMARY

SCALE: AS SHOWN
NOVEMBER 2011

FIGURE 9

G:\36795_GM LOCKPORT\CAD\36795-BLDG8-09.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

LEGEND:

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

APPROXIMATE LOCATION OF MONITORING WELL (TO BE LOCATED)

NOTES:

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

N
W E
S

0 200 400 600 800
SCALE IN FEET

HALEY & ALDRICH

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

SITE WIDE GROUNDWATER ANALYTICAL RESULTS SUMMARY

SCALE: AS SHOWN
NOVEMBER 2011

FIGURE 10

G:\36795_GM LOCKPORT\CAD\36795-BLDG8-10.DWG

8-VI-2	8-VI-2IA 1/18/2011	8-VI-2SS 1/18/2011
1,1,1-Trichloroethane	0.87 U	2.2 U
1,1-Dichloroethene	0.63 U	1.6 U
Carbon tetrachloride	0.54	1.3 U
cis-1,2-Dichloroethene	1.5	190
Tetrachloroethene	5.0	35
Trichloroethene	7.0	190
Vinyl chloride	0.41 U	1.9

8-VI-1	8-VI-1IA 1/18/2011	8-VI-1SS 1/18/2011
1,1,1-Trichloroethane	2.2 U/1.5	0.87 U
1,1-Dichloroethene	1.6 U/0.63 U	0.63 U
Carbon tetrachloride	0.60/1.3 UJ	0.50 U
cis-1,2-Dichloroethene	2.2/2.1	0.63 U
Tetrachloroethene	9.6/8.9	13
Trichloroethene	11/11	5.7
Vinyl chloride	1.0 U/0.41 U	0.41 U

8-VI-4	8-VI-4IA 1/18/2011	8-VI-4SS 1/18/2011
1,1,1-Trichloroethane	0.87 U	2.2 U
1,1-Dichloroethene	0.63 U	1.6 U
Carbon tetrachloride	0.63	1.3 U
cis-1,2-Dichloroethene	3.7	6.7
Tetrachloroethene	8.7	11
Trichloroethene	16	45
Vinyl chloride	0.41 U	1.0 U

8-VI-3	8-VI-3IA 1/18/2011	8-VI-3SS 1/18/2011
1,1,1-Trichloroethane	0.87 U	0.44 U
1,1-Dichloroethene	0.63 U	0.32 U
Carbon tetrachloride	0.63	0.57
cis-1,2-Dichloroethene	2.6	3.3
Tetrachloroethene	7.2	1.2
Trichloroethene	13	19
Vinyl chloride	0.41 U	0.20 U

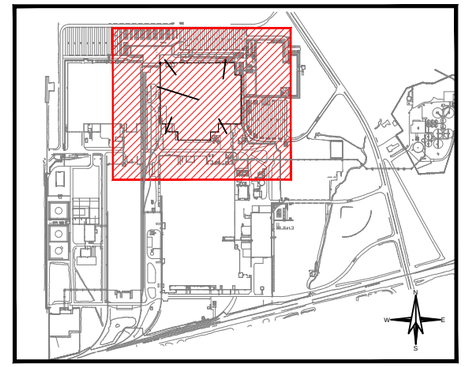
8-VI-5	8-VI-5IA 1/18/2011	8-VI-5SS 1/18/2011
1,1,1-Trichloroethane	4.4 U	16000 U
1,1-Dichloroethene	3.2 U	12000 U
Carbon tetrachloride	2.5 U	9400 U
cis-1,2-Dichloroethene	3.3	830000
Tetrachloroethene	11	20000 U
Trichloroethene	11	4200000
Vinyl chloride	2.0 U	7700 U

LEGEND:

- VAPOR INTRUSION SAMPLING POINT
- TCE AREA MONITORING WELL WITHIN THE ENVIRONMENTAL EASEMENT AREA, PREVIOUSLY LOCATED. (APPROXIMATE LOCATION)
- APPROXIMATE LOCATION OF SOIL BORING
- ERM BORING LOCATION
- APPROXIMATE LOCATION OF MONITORING WELL

NOTES:

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



SITE KEY:
NOT TO SCALE

N
W E
S

0 60 120 180 240
SCALE IN FEET

HALEY & ALDRICH

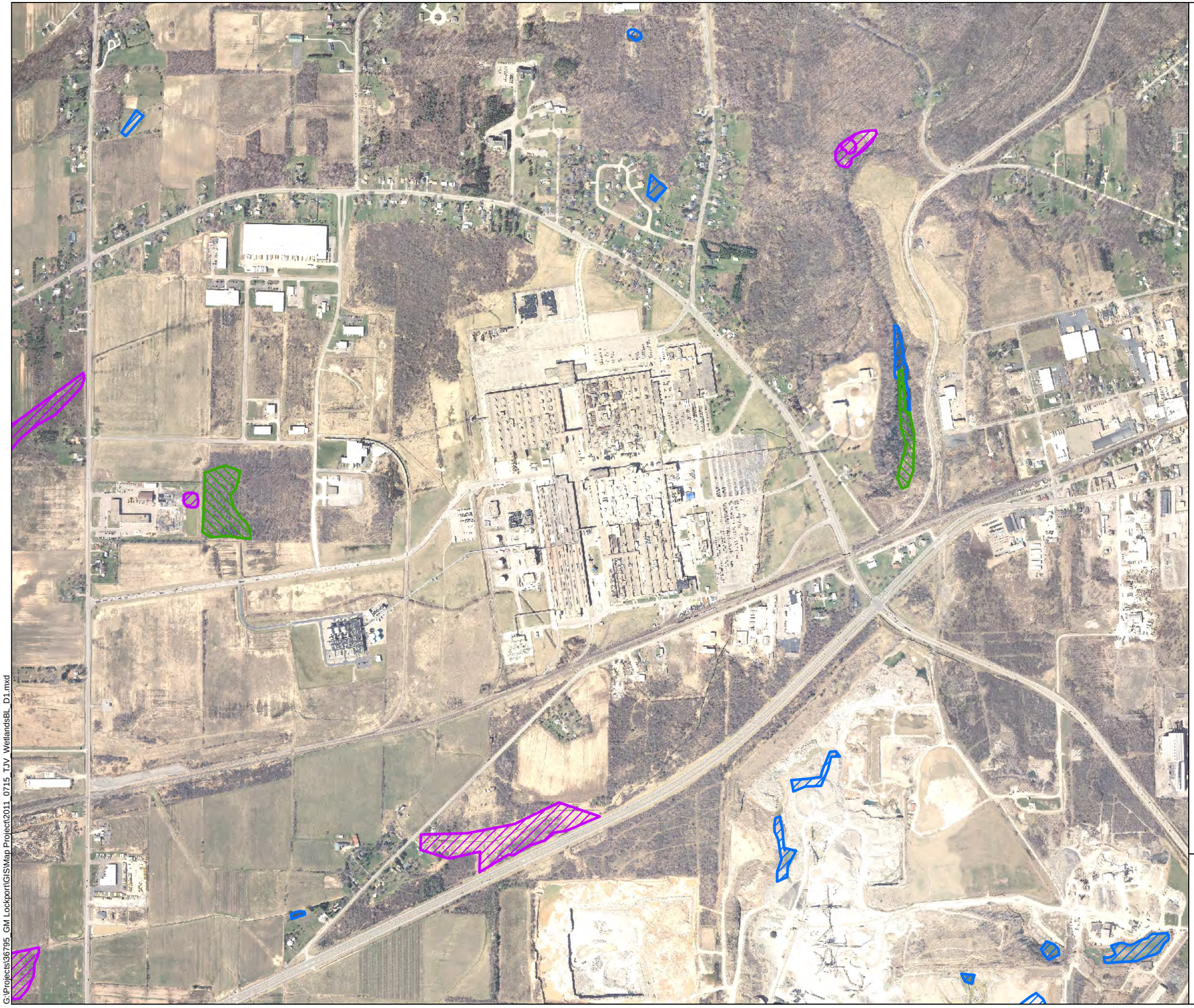
GM COMPONENTS HOLDINGS, LLC.
LOCKPORT FACILITY
200 UPPER MOUNTAIN ROAD
LOCKPORT, NEW YORK

BUILDING 8
VAPOR INTRUSION RESULTS SUMMARY SUMMARY

SCALE: AS SHOWN
NOVEMBER 2011

FIGURE 11

G:\36795_GM LOCKPORT\CAD\36795-BLDG8-11.DWG



EMERGENT WETLANDS
FORESTED/SHRUB WETLANDS
SURFACE WATER

N
W E
S

0 1,000 2,000
SCALE IN FEET

HALEY & ALDRICH

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

NATIONAL WETLAND INVENTORY MAP

SCALE: AS SHOWN
NOVEMBER 2011

FIGURE 12

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

APPENDIX A

Previous Investigation Data Tables & Figures

N

AOI-22
FORMER DEGREASER
LOCATIONS

AOI-22
FORMER DEGREASER
LOCATIONS

AOI-19
FORMER UST &
PAINT DUMP AREA

AOI-18
FORMER CHROMIUM
SUMP AREAS

AOI-20
FORMER FUEL OIL
UST'S

AOI-24
PUMP HOUSE #2
AREA

AOI-21
FORMER GASOLINE
UST

AOI-22
FORMER DEGREASER
LOCATIONS

BLDG. #8

AOI-22
FORMER DEGREASER
LOCATIONS

AOI-22
FORMER DEGREASER
LOCATIONS

AOI-22
FORMER DEGREASER
LOCATIONS

AOI-23
HISTORIC PRESS
OPERATIONS AREA

B-005-1
B-005-2-C
B-005-2-A
B-005-2-B
B-002-C
B-002-B
B-002-A
B-001-B
B-001-E
B-001-F
B-001-A
B-001-I
B-001-G
B-001-J
B-001-C
B-001-H
MW-8-003-B
B-009-B
B-009-A
B-005-4E
B-005-3C
B-005-4D
B-005-3B
B-005-4C
B-005-3A
B-005-4B
B-005-4A
B-005-5A
B-005-5B
B-006-D
B-006-E
B-006-C
B-006-B
B-006-A
B-006-F
B-005-5C
B-005-5D
GS-D
B-004-A
B-004-B
B-004-C
MW-6
MW-7
MW-3D
MW-3S

AX
C
E
J
L
N
Q
V
X
Z
BB
FF
HH
KK
PP

Sample ID	Parameter	Result	Restricted Commercial	Restricted Industrial
SVOCs				
MW-8-003-B (2-4)	Benzo(a)pyrene	1.9 U	1	1.1
MW-8-003-B (2-4)	Dibenzo(a,h)anthracene	1.9 U	0.56	1.1

Sample ID	Parameter	Result	Restricted Commercial	Restricted Industrial
VOCs				
B-005-3C(8-10)	Trichloroethene	1000	200	400
B-005-3C(8-10)	Vinyl chloride	29 U	13	27
SVOCs				
B-005-3C(8-10) DL	Dibenzo(a,h)anthracene	1.8 U	0.56	1.1

Sample ID	Parameter	Result	Restricted Commercial	Restricted Industrial
Metals				
B-001-C(2-4)	Arsenic - Total	65.8	16	16

Sample ID	Parameter	Result	Restricted Commercial	Restricted Industrial
SVOCs				
B-006-F(0-1.5)	Benzo(a)pyrene	1.4 J	1	1.1

Sample ID	Parameter	Result	Restricted Commercial	Restricted Industrial
SVOCs				
GS-D (0-2)	Benzo(a)pyrene	1.5	1	1.1

Sample ID	Parameter	Result	Restricted Commercial	Restricted Industrial
SVOCs				
B-004-B(6-8)	Dibenzo(a,h)anthracene	7.8 U	0.56	1.1
B-004-B(6-8)	Hexachlorobenzene	7.8 U	6	12
B-004-B(6-8)	Pentachlorophenol	38 U	6.7	56

79 81 83 85 101 103 105

LEGEND

- AREA OF INTEREST ID NUMBER OR LETTER
- AREA OF INTEREST
- BORINGS UNLESS NOTED
- FORMER CHROME SUMP
- MONITORING WELL
- FORMER DEGREASER LOCATIONS
- FORMER DEGREASER WITH SEPARATOR PIT
- 1.1 RESULTS EXCEEDED SCREENING CRITERIA

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

FIGURE MODIFIED WITH PERMISSION FROM BASE MAP PROVIDED BY DELPHI THERMAL

0 100 200 300
APPROXIMATE SCALE IN FEET

DELPHI
THERMAL AND INTERIOR SYSTEMS

FIGURE 14 - 2006 FIELD INVESTIGATION
LOCKPORT, NY
ANALYTICAL RESULTS
BUILDING 8

ERM

APPENDIX B

Soil & Water Disposal Documentation

GM Components Holdings, LLC

Lockport Plant
200 Upper Mountain Road
Lockport NY 14094

21 June 2011

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

Dear Mr. Gullo:

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

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

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

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

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

Sincerely,

Cynthia M. Tudor-Schultz
Sr. Environmental Engineer

Enc.

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

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

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

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

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

GENERATOR

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

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

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

U.S. EPA ID Number
MIK757944491

7. Transporter 2 Company Name

U.S. EPA ID Number

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

U.S. EPA ID Number
MID000724831

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

RECEIVED
APR 13 2011

14. Special Handling Instructions and Additional Information
1) ~~Investigation Soil~~
2) Investigation Water -
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 8 BCP Site
GMCH Lockport Facility

BORING No. 8-SB-1
SHEET 1 OF 12
FILE No. 21.0056546.00
CHECKED BY: CZB

CONTRACTOR	Matrix Environmental Technologies, Inc.	BORING LOCATION	See Location Plan
DRILLER	Mark Janus	GROUND SURFACE ELEVATION	615.46 DATUM NGVD29
START DATE	12/27/2010 END DATE 12/27/2010	GZA GEOENVIRONMENTAL REPRESENTATI\	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 SAND and Gravel, some Silt, moist.		5
2						
		2 - 4	70			40
3				Grades to:… trace Clay.		
4						
	S-2	4 - 6	80			100
5						
6						
		6 - 7.9	80	Reddish Brown SILT & CLAY, trace Sand, trace Gravel, moist (Native).		20
7						
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
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START DATE	12/27/2010 END DATE 12/27/2010	GZA GEOENVIRONMENTAL REPRESENTATIV	C. Boron

WATER LEVEL DATA

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 (10 Inches)		
1	S-1	0.9 - 2	70	FILL-Dark Brown Clayey SILT, some Sand, some Gravel, moist.		5
2						
		2 - 4	70			15
3				Grades to:… and Gravel, some Sand.		
4						
	S-2	4 - 6	90			3
5						
6						
		6 - 8	90	FILL-Dark Brown SILT & CLAY, trace Sand, trace Gravel, moist.		4
7						
8						
	S-3	8 - 10	90	Reddish Brown SILT & CLAY, trace Sand, trace Gravel, moist (Native).		4
9						
10						
		10 - 11	90			
11						
				Refusal at 11 feet bgs.		
12						
13						
14						
15						
16						
17						
18						

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DEPTH	Sample Number	DEPTH (FT)	RECOVERY (%)	SAMPLE DESCRIPTION	NOTES	OVM (ppm)
				CONCRETE (10 Inches)		
1						
	S-1	0.9 - 2	90	FILL-Brown Clayey SILT, little Sand, little Gravel, moist.		71
2						
		2 - 4	90			62
3						
4						
	S-2	4 - 6	90	Grades to:… some Gravel.		7
5						
6						
		6 - 8	90			67
7						
8						
	S-3	8 - 10	100	Reddish Brown SILT & CLAY, little Gravel, trace Sand, moist.		103
9				(Native).		
10				Reddish Brown Clayey SILT, little Sand, little Gravel, moist.		
		10 - 11.5	100			91
11						
12						
				Refusal at 11.5 feet bgs.		
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 (10 Inches)		
1	S-1	0.9 - 2	80			1200
				FILL-Dark Brown SAND, some Gravel, trace Silt, moist.		
2						
		2 - 4	80			60
3						
				FILL-Brown SILT & CLAY, little Sand, trace Gravel, moist.		
4						
	S-2	4 - 6	75			400
5						
6						
		6 - 8	75			325
7						
8						
	S-3	8 - 10	90	Reddish Brown Clayey SILT, little Gravel, trace Sand, moist		890
9				(Native).		
10				Grades to:… moist to wet.		
		10 - 11	90			1900
11						
				Refusal at 11 feet bgs.		
12						
13						
14						
15						
16						
17						
18						

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DEPTH	Sample Number	DEPTH (FT)	RECOVERY (%)	SAMPLE DESCRIPTION	NOTES	OVM (ppm)
				CONCRETE (10 Inches)		
1	S-1	0.9 - 2	90	FILL-Brown SILT and Sand, some Gravel, moist.		2
2						
		2 - 4	90			
3						3
				Grades to:… Dark Brown.		
4						16
	S-2	4 - 6	80			
5						578
6						301
		6 - 8	80	Reddish Brown SILT & CLAY, trace Sand, trace Gravel, moist (Native).		
7						154
8						261
	S-3	8 - 10	90			
9				Reddish Brown Clayey SILT, trace Sand, trace Gravel, moist to wet.		246
10						
		10 - 11	90			401
11						
				Refusal at 11 feet bgs.		
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 (8 Inches)		
1	S-1	0.7 - 2	70	FILL-Dark Brown Clayey SILT, little Sand, little Gravel, moist.		0
2		2 - 4	70			0
3						
4				Reddish Brown SILT & CLAY, trace Sand, trace Gravel, moist (Native).		
	S-2	4 - 6	90			0
5						
6		6 - 8	90			0
7				Gray/Olive SILT & CLAY, trace Sand, trace Gravel, moist.		
8	S-3	8 - 10	100	Grades to:… Reddish Brown.		0
9				Grades to:… Brown.		
10		10 - 11	100	Grades to:… Reddish Brown. Grades to:… moist to wet.		0
11				Refusal at 11 feet bgs.		
12						
13						
14						
15						
16						
17						
18						

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DEPTH	Sample Number	DEPTH (FT)	RECOVERY (%)	SAMPLE DESCRIPTION	NOTES	OVM (ppm)
				CONCRETE (8 Inches)		
1	S-1	0.7 - 2	75	FILL-Dark Brown Clayey SILT, trace Sand, trace Gravel, moist.		0
2		2 - 4	75			0
3						
4				Reddish Brown SILT & CLAY, trace Sand, trace Gravel,		
	S-2	4 - 6	100	moist (Native).		0
5						
6						
		6 - 8	100	Grades to:… Olive/Gray		0
7						
8						
	S-3	8 - 10	100			0
9						
				Grades to:… Brown.		
10						
		10 - 11	100			0
11						
		11 - 11.5	100			
12				Refusal at 11.5 feet bgs.		
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 (8 Inches)		
1	S-1	0.7 - 2	70	FILL-Grayish Brown Clayey SILT, trace Sand, trace Gravel, moist.		0
2		2 - 4	70			0
3						
4				Stiff, Grayish Brown Silty CLAY, trace Sand, trace Gravel,		
	S-2	4 - 6	100	moist (Native).		0
5						
6						
		6 - 8	100	Grades to:… Brown.		0
7						
8						
	S-3	8 - 10	100			0
9						
				Grades to:… wet.		
10						
		10 - 11	100			0
11						
				Refusal at 11 feet bgs.		
12						
13						
14						
15						
16						
17						
18						

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DEPTH	Sample Number	DEPTH (FT)	RECOVERY (%)	SAMPLE DESCRIPTION	NOTES	OVM (ppm)
				CONCRETE (8 Inches)		
1	S-1	0.7 - 2	60	FILL-Brown Clayey SILT, trace Sand, trace Gravel, moist.		0
2		2 - 4	60			0
3				Gray SILT & CLAY, trace Sand, trace Gravel, moist		
4	S-2	4 - 6	75	(Native)		0
5						
6		6 - 8	75	Grades to:… Reddish Brown.		0
7						
8	S-3	8 - 10	90			0
9						
10		10 - 12	90			0
11						
12	S-4	12 - 12.5	100	Grades to:… wet.		
13				Refusal at 12.5 feet bgs.		
14						
15						
16						
17						
18						

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OVERBURDEN SAMPLING METHOD	Direct Push
ROCK DRILLING METHOD	NA

DEPTH	Sample Number	DEPTH (FT)	RECOVERY (%)	SAMPLE DESCRIPTION	NOTES	OVM (ppm)
				CONCRETE (7 Inches)		
1	S-1	0.6 - 2	90	FILL-Brown Clayey SILT, little Sand, little Gravel, moist.		0
2		2 - 4	90			0
3						
4						
	S-2	4 - 5	95	Grades to:… moist to wet.		0
5						
6				Refusal at 5 feet bgs.		
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						

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ROCK DRILLING METHOD	NA

DEPTH	SAMPLE INFORMATION			SAMPLE DESCRIPTION	NOTES	OVM (ppm)
	Sample Number	DEPTH (FT)	RECOVERY (%)			
				CONCRETE (7 Inches)		
1	S-1	0.6 - 2	50	FILL-Dark Brown SAND, some Gravel, little Silt, moist.		0
2		2 - 4	50			0
3						
4						
	S-2	4 - 4.5	100			0
5				Refusal at 4.5 feet 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)		
1	S-1	0.6 - 2	70	FILL-Dark Brown SAND, some Silt, trace Clay, trace Gravel, moist.		0
2		2 - 4	70			0
3						
4	S-2	4 - 6	100			0
5						
6		6 - 8	100	Reddish Brown Clayey SILT, trace Sand, trace Gravel, moist (Native).		0
7						
8	S-3	8 - 10	100	Reddish Brown SILT & CLAY, trace Sand, trace Gravel, moist.		0
9						
10		10 - 12	100			1
11						
12						
13				Refusal at 12 feet bgs.		
14						
15						
16						
17						
18						

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BORING No. MW-8-1
SHEET 1 OF 8
FILE No. 21.0056546.00
CHECKED BY: CZB

CONTRACTOR	Earth Dimensions, Inc.	BORING LOCATION	See Location Plan
DRILLER	Andy Morris	GROUND SURFACE ELEVATION	615.46 DATUM NGVD29
START DATE	12/28/2010 END DATE 12/30/2010	GZA GEOENVIRONMENTAL REPRESENTATIVE	J. Davide

WATER LEVEL DATA				
DATE	TIME	WATER	CASING	NOTES
5/2/2011		5.2	2"	

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

DEPTH	SAMPLE BLOWS (/6")	NO.	DEPTH (FT)	N-VALUE /RQD %	RECOVERY (%)	SAMPLE DESCRIPTION	WELL INSTALLATION DIAGRAM	WELL INSTALLATION DESCRIPTION	OVM (ppm)
						CONCRETE (7 Inches)		Top of Riser Elev. = 615.11	
1	3	S-1	0.6 - 2	6	75	FILL-Brown Clayey SILT, some		Concrete and Road box	0
	3					Gravel, little Sand, moist.			
2	6								
	6	S-2	2 - 4	10	60			Cement/bentonite grout	0
3	4					FILL-Dark Brown Clayey SILT,		from 1 to 10.5 feet.	
	6					trace Sand, trace Gravel, moist.			
4	5							4" Steel casing to 13.5 feet.	
	4	S-3	4 - 6	15	100				0
5	4					Reddish Brown Clayey SILT, trace			
	11					Sand, trace Gravel, moist (Native).		10" Nominal diameter	
6	12							borehole to 11.5 feet.	
	17	S-4	6 - 8	27	100				0
7	12								
	15								
8	15							2-inch PVC flush coupled	
	3	S-5	8 - 10	16	100			riser pipe to 15.5 feet.	0
9	6					Grades to:... some Gravel, little			
	10					Sand, moist to wet.			
10	9								
	9	S-6	10 - 11.2	>100	20				0
11	11								
	100/2					Splitspoon refusal at 11.2 feet.		Bentonite Pellets	
12						Auger reusal at 11.5 feet.		from 10.5 to 13.5 feet.	
13									
						Rollerbit to 13.5 feet.			
14		C-1	13.5 - 17.5	88	100	BEDROCK		Sand pack from	
						Lockport Dolomite Formation		13.5 to 22.5 feet.	
15						Gray, hard, very slight to			
						slight weathering, fine grained,		Nominal 3 3/4" diameter	
16						horizontal and low angle fractures.		rock hole 13.5 to 22.5 feet.	
17								2-inch PVC Screen	
								SCH. 40, 10 slot,	
18		C-2	17.5 - 22.5	72	100			from 15.5 to 22.5 feet.	
19									

S - Split Spoon Sample
C - Rock Core Sample

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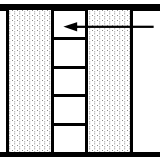
20									

DEPTH	SAMPLE					SAMPLE DESCRIPTION	WELL INSTALLATION DIAGRAM	WELL INSTALLATION DESCRIPTION	OVM (ppm)
	BLOWS (/6")	NO.	DEPTH (FT)	N-VALUE /RQD %	RECOVERY (%)				
21								2 inch PVC Screen SCH. 40, 10 slot, from 15.5 to 22.5 feet.	
22									
23						End of boring at 22.5 feet bgs.			
24									
25									
26									
27									
28									
29									
30									
31									
32									
33									
34									
35									
36									
37									
38									
39									
40									

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

DEPTH	SAMPLE BLOWS (/6")	NO.	DEPTH (FT)	N-VALUE /RQD %	RECOVERY (%)	SAMPLE DESCRIPTION	WELL INSTALLATION DIAGRAM	WELL INSTALLATION DESCRIPTION	OVM (ppm)
						CONCRETE (6.5 Inches)		Top of Riser Elev. = 615.14	
1	10	S-1	0.5 - 2	33	60	FILL-Reddish Brown SAND and		Concrete and Road box	0
	23					Silt, little Gravel, trace Clay, moist.			
2	27								
	21	S-2	2 - 4	34	100				0
3	18							Cement/bentonite grout	
	16					Grades to:... trace Gravel		from 1 to 11 feet.	
4	16								
	6	S-3	4 - 6	13	30			4" steel casing to 12.7 feet.	0
5	7								
	6							10" Nominal diameter	
6	5							borehole to 10.7 feet.	
	5	S-4	6 - 8	20	40	Brown Clayey SILT, little Gravel,			5
7	9					little Sand, moist (Native).			
	11								
8	9							2-inch PVC flush coupled	
	3	S-5	8 - 10	7	60	Grades to:... Reddish Brown,		riser pipe to 16feet.	26
9	3					trace Sand, trace Gravel.			
	4								
10	48								
	49	S-6	10 - 10.7	>100	10	Grades to:... some Gravel.			4
11	100/2					Splitspoon refusal at 10.7 feet			
						Auger refusal at 10.8 feet.			
12									
		C-1	12.7 - 17.6	79	100	Rollerbit to 12.7 feet		Bentonite Pellets	
13						BEDROCK		from 11 to 14 feet.	
						Lockport Dolomite Formation			
14						Gray, hard, very slight to		Nominal 3 3/4" diameter	
						slight weathering, fine grained,		rock hole 12.7 to 23 feet.	
15						horizontal and low angle fractures.			
16								Sand pack from	
								14 to 23 feet.	
17									
18		C-2	17.6 - 23.0	91	100			2-inch PVC Screen	
								SCH. 40, 10 slot,	
19								from 16 to 23 feet.	

S - Split Spoon Sample
C - Rock Core Sample

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

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

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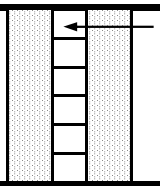
DEPTH	SAMPLE					SAMPLE DESCRIPTION	WELL INSTALLATION DIAGRAM	WELL INSTALLATION DESCRIPTION	OVM (ppm)
	BLOWS (/6")	NO.	DEPTH (FT)	N-VALUE /RQD %	RECOVERY (%)				
21								2 inch PVC Screen SCH. 40, 10 slot, from 16 to 23 feet.	
22									
23									
24						End of boring at 23 feet bgs.			
25									
26									
27									
28									
29									
30									
31									
32									
33									
34									
35									
36									
37									
38									
39									
40									

S - Split Spoon Sample
C - Rock Core Sample

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

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

CONTRACTOR	Earth Dimensions, Inc.	BORING LOCATION	See Location Plan
DRILLER	Andy Morris	GROUND SURFACE ELEVATION	615.46 DATUM NGVD29
START DATE	12/27/2010 END DATE 12/30/2010	GZA GEOENVIRONMENTAL REPRESENTATIVE	J. Davide

WATER LEVEL DATA				
DATE	TIME	WATER	CASING	NOTES
5/2/2011		8.57	2"	

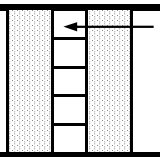
TYPE OF DRILL RIG	Diedrich D-50 I
CASING SIZE AND DIAMETER	6 5/8 inch HSA
OVERBURDEN SAMPLING METHOD	2" diameter x 24" long splitspoon
ROCK DRILLING METHOD	HQ Size Rock Core

DEPTH (FT)	SAMPLE BLOWS (/6")	NO.	DEPTH (FT)	N-VALUE /RQD %	RECOVERY (%)	SAMPLE DESCRIPTION	WELL INSTALLATION DIAGRAM	WELL INSTALLATION DESCRIPTION	OVM (ppm)
						CONCRETE (9 Inches)		Top of Riser Elev. = 615.06	
1						FILL-Reddish Brown SAND and		Concrete and Road box	
	13	S-1	0.8 - 2	13	50	Silt, little Gravel, trace Clay,			0
2	16					moist.			
	13	S-2	2 - 4	35	100				0
3	16							Cement/bentonite grout	
	19							from 1 to 10.4 feet.	
4	25								
	27	S-3	4 - 6	35	95			4" steel casing to 12.2 feet.	0
5	11					Grades to:… Brown.			
	14							10" Nominal diameter	
6	25					Grades to:… Reddish Brown.		borehole to 10.2 feet.	
	29	S-4	6 - 8	41	100				0
7	23								
	18								
8	13					Reddish Brown Clayey SILT, trace		2-inch PVC flush coupled	
	20	S-5	8 - 9.6	47	40	Sand, trace Gravel, moist (Native).		riser pipe to 15.4 feet.	0
9	19								
	28								
10	100/1					Splitspoon refusal at 9.6 feet.			
						Auger refusal at 10.2 feet.			
11									
12						Rollerbit to 12.2 feet		Bentonite Pellets	
		C-1	12.2 - 17.4	95	100	BEDROCK		from 10.4 to 13.4 feet.	
13						Lockport Dolomite Formation			
						Gray, hard, very slight to		Nominal 3 3/4" diameter	
14						slight weathering, fine grained,		rock hole 12.2 to 22.4 feet.	
						horizontal and low angle fractures.			
15								Sand pack from	
								13.4 to 22.4 feet.	
16									
17									
18		C-2	17.4 - 22.4	83	100				
19									
20									

S - Split Spoon Sample
C - Rock Core Sample

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

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

DEPTH	SAMPLE					SAMPLE DESCRIPTION	WELL INSTALLATION DIAGRAM	WELL INSTALLATION DESCRIPTION	OVM (ppm)
	BLOWS (/6")	NO.	DEPTH (FT)	N-VALUE /RQD %	RECOVERY (%)				
21								2 inch PVC Screen SCH. 40, 10 slot, from 15.4 to 22.4 feet.	
22									
23						End of boring at 22.4 feet bgs.			
24									
25									
26									
27									
28									
29									
30									
31									
32									
33									
34									
35									
36									
37									
38									
39									
40									

S - Split Spoon Sample
C - Rock Core Sample

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

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

CONTRACTOR	Earth Dimensions, Inc.	BORING LOCATION	See Location Plan
DRILLER	Andy Morris	GROUND SURFACE ELEVATION	613.82 DATUM NGVD29
START DATE	1/5/2011 END DATE 1/7/2011	GZA GEOENVIRONMENTAL REPRESENTATIVE	J. Davide

WATER LEVEL DATA				
DATE	TIME	WATER	CASING	NOTES
5/2/2011		6.77	2"	

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

DEPTH	SAMPLE BLOWS (/6")	NO.	DEPTH (FT)	N-VALUE /RQD %	RECOVERY (%)	SAMPLE DESCRIPTION	WELL INSTALLATION DIAGRAM	WELL INSTALLATION DESCRIPTION	OVM (ppm)
1						CONCRETE (1 foot)		Top of Riser Elev. = 613.42	
								Concrete and Road box	
	16	S-1	1 - 3	40	60	FILL- Brown SAND and Gravel,			0
2	25					some Silt, trace Clay, moist.			
	15								0
3	15							Cement/bentonite grout	
	63	S-2	3 - 5	>100	10			from 1 to 9.8 feet.	
4	100/2								
								4" steel casing to 12 feet.	0
5						Reddish Brown Clayey SILT, little			
	12	S-3	5 - 7	23	50	Gravel, trace Sand, moist		10" Nominal diameter	
6	9					(Native).		borehole to 10 feet.	
	14								0
7	19								
	15	S-4	7.0 - 9.0	31	100	Grades to:... trace Gravel.			
8	16							2-inch PVC flush coupled	
	15							riser pipe to 14.8 feet.	0
9	13					Grades to:... little Gravel.			
	4	S-5	0.0 - 9.6	>100	10				
10	100/1					Splitspoon refusal at 9.6 feet.			
						Auger refusal at 10 feet.			
11									
12						Rollerbit to 12 feet.		Bentonite Pellets	
		C-1	12.0 - 16.8	44	100	BEDROCK		from 9.8 to 12.8 feet.	
13						Lockport Dolomite Formation			
						Gray, hard, very slight to		Nominal 3 3/4" diameter	
14						slight weathering, fine grained,		rock hole 10 to 21.8 feet.	
						horizontal and low angle fractures.			
15								Sand pack from	
								12.8 to 21.8 feet.	
16									
17								2-inch PVC Screen	
		C-2	16.8 - 21.8	95	100			SCH. 40, 10 slot,	
18								from 14.8 to 21.8 feet.	
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

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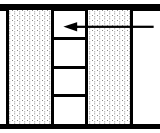
GZA GeoEnvironmental of NY
535 Washington Street
Buffalo, New York
ENGINEERS AND SCIENTISTS

GM Components Holdings, LLC
Building 8 BCP Site
GMCH Lockport Facility

BORING No. MW-8-4
SHEET 8 OF 8
FILE No. 21.0056546.00
CHECKED BY: CZB

DEPTH	SAMPLE					SAMPLE DESCRIPTION	WELL INSTALLATION DIAGRAM	WELL INSTALLATION DESCRIPTION	OVM (ppm)
	BLOWS (/6")	NO.	DEPTH (FT)	N-VALUE /RQD %	RECOVERY (%)				
21								2 inch PVC Screen SCH. 40, 10 slot, from 14.8 to 21.8 feet.	
22									
23						End of boring at 21.8 feet bgs.			
24									
25									
26									
27									
28									
29									
30									
31									
32									
33									
34									
35									
36									
37									
38									
39									
40									

S - Split Spoon Sample
C - Rock Core Sample

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

General Notes:
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ERM

5788 Widewaters Parkway, Dewitt, New York 13214

Boring Number 8-005-1

BORING LOG

Project Name & Location	Project Number	Date & Time Started: 10/16/06 1150
Lockport Phase II	56607	Date & Time Completed: 10/16/06 1205
Drilling Company	Foreman	Sampler(s) / Sampler Hammer / Drop
Trec Environmental	Steve S [illegible]	
Drilling Equipment	Method	Elevation & Datum / Completion Depth / Rock Depth
Geoprobe	Direct Push	11.6
Bit Size(s)	Core Barrel(s)	Geologist(s)
2"	3"	WU

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	LOCATION:				SURFACE DESCRIPTION: Concrete	
0		2'	5.7		sandy silt, Brown, (25,25,50)	
1					contains large fragments of rock	
2			5.6			
3						
4		4'	8.2			
5					6" rock (crushed	
6					silty clay, med. brown, (5,10,85)	8-005-1 (6-8)
7			9.6			@ 1215
8		3'	8.2			
9						
10					silty clay light Brown (5,10,85)	

Page 1 of 2 Signature: [signature] Date: 10/16/06

ERM

5788 Widewaters Parkway, Dewitt, New York 13214

BORING LOG

Boring Number: S-005-1

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
10		3'	19.3		silty clay, Light Brown, (5, 10, 85)	S-005-1 (10-11.6)
						@ 1220
11					rock frags	11.6' refusal
12						
13						
14						
15						
16						
17						
18						
19						
20						

Page 2 of 2 Signature: _____ Date: 10/16/06

ERM

5788 Widewaters Parkway, Dewitt, New York 13214

Boring Number 8-005-5A

BORING LOG

Project Name & Location: Delphi	Project Number: 0056607	Date & Time Started: 10/12/06 0525 Date & Time Completed: 10/12/06 0545	
Drilling Company: Tec	Foreman: Steve Stockmaster	Sampler(s): WH	Sampler Hammer / Drop
Drilling Equipment: GeoProbe	Method: Direct Push	Elevation & Datum	Completion Depth: 8.5 / Rock Depth
Bit Size(s): 2"	Core Barrel(s): 3"	Geologist(s): WH	

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	LOCATION:				SURFACE DESCRIPTION: Concrete	
0		2'	5.2		sandy silt, Brown, (20, 25, 55)	
1						
2					rock fragments	8-005-5A(2-4)@ 555
			11.2			
3					silty clay, Brown, (10, 15, 75)	
4		4'	5.1			8-005-5A(4-6) @ 558
5					6" sandy silt, Dk Brown, (10, 15, 75)	
6					silty clay, Brown (5, 10, 85)	
			4.3			
7						
8		.5	3.8		rock fragments	refusal
9						
10						

Page 1 of 1 Signature: [signature] Date: 10/12/06

ERM

5788 Widewaters Parkway, Dewitt, New York 13214

Boring Number 8-005-5B

BORING LOG

Project Name & Location: Delphi	Project Number:	Date & Time Started: 10/10/06 1440 Date & Time Completed: 10/10/06 1450	
Drilling Company: Trec	Foreman: Steve Stockwell	Sampler(s):	Sampler Hammer: Drop:
Drilling Equipment: Geo Probe	Method: Direct Push	Elevation & Datum:	Completion Depth: 7.6 Rock Depth:
Bit Size(s): 2"	Core Barrel(s): 3"	Geologist(s): WU	

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	LOCATION:				SURFACE DESCRIPTION: Wood - Concrete	
0		3'	32 (wet)		Silty clay, light Brown, (5, 20, 75)	
1					some pebbles; ~~Sandy~~ silty sand, Brown, (5, 70, 25)	
2			5.3 (wet)			
3						
4		3.75	2.8		silty clay, light Brown (5, 29, 75)	Sample: 8-005-5B([redacted]) (wet)
5					Silty clay, light Brown, (5, 30, 65)	@ 1615
6			7.8			Sample: 8-005-5B(6-8') @ 1620
7					silty clay, light brown, (5, 15, 80)	moist
					7.6' Concrete Concrete refusal	
8						
9						
10						

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

ERM

5788 Widewaters Parkway, Dewitt, New York 13214

Boring Number B-005-SC

BORING LOG

Project Name & Location	Project Number	Date & Time Started: 10/10/06 1230
Delphi Lockport	0056607	Date & Time Completed: 10/10/06 1238
Drilling Company: Trec	Foreman: Steve Stockmaster	Sampler(s): WU / Sampler Hammer / Drop
Drilling Equipment: Geoprobe	Method: Direct Push	Elevation & Datum / Completion Depth: 2' / Rock Depth
Bit Size(s): 2"	Core Barrel(s): 3"	Geologist(s): WU

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	LOCATION:				SURFACE DESCRIPTION: Concrete	Sample: B-005-SC (0-2') @ 1530
0		6"	1.2		Sand + gravel fill	
1					silty clay, brown, (20, 40, 40)	
2	refusal					2' ft bgs
3						
4						
5						
6						
7						
8						
9						
10						

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

ERM

5788 Widewaters Parkway, Dewitt, New York 13214

Boring Number 8-005-5D

ERM

BORING LOG

Project Name & Location: Delphi	Project Number	Date & Time Started: 10/10/06 1420 Date & Time Completed: 10/10/06 1445	
Drilling Company: Trec Enviro.	Foreman: Steve Stockmaster	Sampler(s)	Sampler Hammer / Drop
Drilling Equipment: Geo Probe	Method: Direct Push	Elevation & Datum	Completion Depth: 11.2 / Rock Depth
Bit Size(s): 2"	Core Barrel(s): 3"	Geologist(s): WH	

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	LOCATION:				SURFACE DESCRIPTION: Concrete (8")	
0		3.5	6.0		fill . . . . . fill . . .	
1					silty clay, brown (5, 15, 80)	little moisture
2			190		silty clay, gray, (5, 10, 85)	black fragments (gravel)
3						
4		4'	699		silty clay, brown (5, 10, 85)	little moisture
5						8-005-5D(4-6) @ 1500 Duplicate collected (8-005-DUP)
6			755			becomes more moist
7						8-005-5D(6-8) @ 1505
8		3.2'	246		silty clay, brown (5, 10, 85)	moist
9					small layer of .25" pebbles. silty clay, brown (5, 10, 85)	moist
10						
	Page		905		Signature:	Date: 10/10/06

11.2 refusal

Sig

10/10/06

rev. 10/99

ERM

5788 Widewaters Parkway, Dewitt, New York 13214

Boring Number: S-006-A

BORING LOG

Project Name & Location	Project Number	Date & Time Started: 10/11/06 905
Delphi	0036607	Date & Time Completed: 10/11/06 925
Drilling Company	**Foreman**	**Sampler(s)** / **Sampler Hammer** / **Drop**
Trec	Steve Stockmaster	
Drilling Equipment	**Method**	**Elevation & Datum** / **Completion Depth** / **Rock Depth**
Geoprobe	Direct Push	10.5
Bit Size(s)	**Core Barrel(s)**	**Geologist(s)**
2"	3"	William Upford

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	LOCATION:		.7 background		SURFACE DESCRIPTION: Concrete	
0		2'	3.4		Silty clay, brown, (5, 15, 80)	
1						
2						
3					Rock fragments 1" diameter	
4		4'	8.4		Silty clay, brown/gray, rock frags (30, 20, 50)	collected S-006A (8-10.5) @ 0940
5						
6			6.1		Silty clay, brown/black, (10, 10, 80) Silty clay brown, (5, 10, 85)	
7						
8		1.5	8.4		Silty clay, brown & black, (10, 15, 75)	collected S-006A (4-6) @ 0945
9						
10						

Page Refusal Rock Signature Rock Date: Refusal 10.5

10.5

Page 1 of 1

Signature _____ Date 10/11/06

ERM

5788 Widewaters Parkway, Dewitt, New York 13214

Boring Number: S-006-B

BORING LOG

Project Name & Location: Delphi	Project Number	Date & Time Started: 10/10/06 Date & Time Completed: 10/10/06	
Drilling Company: Trec	Foreman: Steve Stockmaster	Sampler(s)	Sampler Hammer / Drop
Drilling Equipment: GeoProbe	Method: Direct Push	Elevation & Datum	Completion Depth: 8.8 / Rock Depth
Bit Size(s): 2"	Core Barrel(s): 3"	Geologist(s): WH	

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	LOCATION:				SURFACE DESCRIPTION: Concrete	
0		3'	1.4		Silty clay, Brown (25, 10, 65)	
1					rock frags throughout ~.5"	
2			2.1			S-006-B(6-8)
						Collected @ 1105
3						
4		4'	2.2		Silty clay, Brown (5, 10, 85)	
					Homogenous throughout	
5						
6			70.5			
7						
						S-006-B(8-8.8)
8		.8'	15.3		Silty clay, Brown (5, 10, 85)	Collected @ 1110
					Pieces of rock at bottom	
8.8 refusal						
10						

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

ERM

5788 Widewaters Parkway, Dewitt, New York 13214

Boring Number: S-006-C

BORING LOG

Project Name & Location: Lockport Phase II	Project Number: 56607	Date & Time Started: 10/10/06 1350	
Drilling Company: Trec Environmental	Foreman: Steve Stockmaster	Date & Time Completed: 10/16/06 1410	Sampler(s): Sampler Hammer: Drop:
Drilling Equipment: Geoprobe	Method: Direct Push	Elevation & Datum:	Completion Depth: 8.8 Rock Depth:
Bit Size(s): 2"	Core Barrel(s): 3"	Geologist(s): WG	

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	LOCATION:				SURFACE DESCRIPTION: Concrete	
0		3'	6.1		Stone fill	
1					Black rock fragments coal tar smell	
			6.7'			S-006-C (2-4)
2					silty clay, Brown, (5, 10, 85)	@1415
3						
4		4'	7.4'			S-006-C (4-6)
5						@1420
6			1.8			
7						
8		2'	4.8			Saturated w/ water
9					silty clay, Brown, (25, 25, 50)	8.8 refusal
10						

Page 1 of 1 Signature: Date: 10/16/06

rev. 10/99

ERM

5788 Widewaters Parkway, Dewitt, New York 13214

Boring Number: S-006-D

BORING LOG

Project Name & Location: Lockport Phase II	Project Number: 56607	Date & Time Started: 10/16/06 1245	
Drilling Company: Trec Environmental	Foreman: Steve Stockmaster	Date & Time Completed: 10/16/06 1330	Sampler(s) / Sampler Hammer / Drop:
Drilling Equipment: Geoprobe	Method: Direct Push	Elevation & Datum	Completion Depth: 10.7 / Rock Depth
Bit Size(s): 2"	Core Barrel(s): 3"	Geologist(s): WU	

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	LOCATION:				SURFACE DESCRIPTION: concrete	
0		2'	4.6		Rock fill	
1					silty clay, medium Brown, (5, 10, 85)	
2			4.8			S-006-D(2-4) @ 1335
3						
4		4'	3.4			
5						
6			6.1			S-006-D(6-8) @ 1340
7					rock fragments — 6"	
8		3'	3.8		sandy silt, Brown, (5, 10, 85)	
9					3" rock fragments	
10					silty clay, Brown, 5, 10, 85	

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10.7

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Boring Number
B-006-D

BORING LOG

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

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	LOCATION:				SURFACE DESCRIPTION:	
10		3'	4.0		silty clay, Brown, (5,12,85)	moist
						10.7 ft refusal
11						10.7 refusal
12						
13						
14						
15						
16						
17						
18						
19						
10						

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Boring Number: S-006-E / S-006-E

BORING LOG

Project Name & Location: Lockport Phase II	Project Number: 56607	Date & Time Started: 10/16/06 1620	
		Date & Time Completed: 10/16/06 1630	
Drilling Company: Trec Environmental	Foreman: Steve Stockmaster	Sampler(s): WV	Sampler Hammer / Drop
Drilling Equipment: Geoprobe	Method: Direct Push	Elevation & Datum	Completion Depth: 10' bgs / Rock Depth
Bit Size(s): 2"	Core Barrel(s): 3"	Geologist(s): WV	

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	LOCATION:				SURFACE DESCRIPTION: Concrete	
0		4'	0		Silty clay, med./Dk brown, (20,20,60)	
1						
					silty clay, med brown, (20,20,60)	
2			.4			S-006-B (2-4) @ 1635
3						
4		4'	0			
					6" silty clay, Dk brown, (5,10,85)	
5					silty clay, med brown (5,10,85)	
6			0			S-006-B (8-10) @ 1640
7						
8		2'	.9			moist
9						
10						refusal @ 10' bgs

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Boring Number: 8-006-F

BORING LOG

Project Name & Location: Lockport Phase II	Project Number: 56607	Date & Time Started: 10/16/06 1430	
		Date & Time Completed: 10/16/06 1445	
Drilling Company: Trec Environmental	Foreman: Steve Stockmaster	Sampler(s): WH	Sampler Hammer / Drop
Drilling Equipment: Geoprobe	Method: Direct Push	Elevation & Datum	Completion Depth: 2.7 / Rock Depth
Bit Size(s): 2"	Core Barrel(s): 3"	Geologist(s): WH	

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	LOCATION:				SURFACE DESCRIPTION: Concrete	
0		2.7	1.2		sandy silt, gray (5, 10, 85) 6"	
1					silty clay, brown (5, 10, 85)	
2			3.0			
3	2.7				rock fragment	refusal 2.7' bgs
4						
5						
6						
7						
8						
9						
10						

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Boring Number: S-001-A

BORING LOG

Project Name & Location: Delphi	Project Number: 0056607	Date & Time Started: 10/13/06 0525	
Drilling Company: Tree	Foreman: Steve	Date & Time Completed: 10/13/06 0540	
Drilling Equipment: Geoprobe	Method: Direct Push	Sampler(s): WH	Sampler Hammer / Drop
Bit Size(s): 2"	Core Barrel(s): 3"	Elevation & Datum / Completion Depth: 10.2	Rock Depth
		Geologist(s): WH.	

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	LOCATION:				SURFACE DESCRIPTION: Concrete 6" core	
0		2'	5.4		rock backfill	
1						
2			4.7		sandy silt, brown, (20, 25, 55)	
3						
4		4'	5.4			
5						
6			9.1		silty clay, brown, (5, 10, 85)	
7					rock fragment	
8					silty clay, brown, (5, 10, 85)	collected S-001-A (6-8) @ 0600
					sandy silt, brown, (5, 10, 85)	
9		2'	20.9		rock fragment 2" diameter	collected S-001-A (8-10.2) @ 0605
					sandy silt, brown, (5, 10, 85)	moist
10						refusal @ 10.2
10.2					note fragments	

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Boring Number: S-001-B

BORING LOG

Project Name & Location: Delphi	Project Number: 0056607	Date & Time Started: 10/11/06 1140 Date & Time Completed: 10/11/06 1203	
Drilling Company: Trec	Foreman: Steve Stockwell	Sampler(s): WH	Sampler Hammer / Drop
Drilling Equipment: GeoProbe	Method: Direct Push	Elevation & Datum	Completion Depth: 10.6 / Rock Depth
Bit Size(s): 2"	Core Barrel(s): 3"	Geologist(s): WH	

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	LOCATION:				SURFACE DESCRIPTION: Concrete	
0		2'	3.7		fill material, rock fragments	
1					silty clay, medium brown (5,10,85)	moist
2			4.3			
3						
4		4'	4.8		silty clay, medium Brown (5,10,85)	odor present
5					6" layer, silty clay, Dk Brown (5,10,8+) silty clay, medium Brown (5,10,85)	
6			5.1			Collected S-001-B(6-8 @ 1215
7						Collected S-001-B(8-10) @ 1220
8		8.6	5.6		6" layer of silty clay, Dk Brown (5,10,85)	
9					silty clay, med. brown, (5,10,85)	moist until 11.6 ft bgs.
10.6		(10-11.6 4.6)				

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refusal @ 11.6 ft

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Boring Number: S-001-C

BORING LOG

Project Name & Location: Delphi	Project Number: 0056607	Date & Time Started: 10/10/06 1040	
		Date & Time Completed: 10/11/06 1115	
Drilling Company: Tree	Foreman: Steve Stockmaster	Sampler(s): WU	Sampler Hammer / Drop
Drilling Equipment: Geo Probe	Method: Direct Push	Elevation & Datum	Completion Depth: 11.8 / Rock Depth
Bit Size(s): 2"	Core Barrel(s): 3"	Geologist(s): WU.	

(brown 1 at each depth)

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	LOCATION:				SURFACE DESCRIPTION: Concrete	
0		3'	3.1		sandy silt, gray brown, (10,20,70)	
1					silty clay, brown, (5,10,85)	
2						S-001-C(2-4) collected @ 1130
			9.8			
3					~~Fill~~ silty clay, dk brown (5,10,85)	
4		4'	8.9			
5					silty clay, brown (5,10,85)	~~S-001-C (11-12)~~ WU
6			4.2			S-001-C(4-6) @ 1135
7						
8		3'	5.3		silty clay, light brown (5,10,85)	
9					homogenous until refusal at 11.8	
						moist
11.8						moist

11.8 refusal

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Boring Number: S-001-D

BORING LOG

Project Name & Location: Delphi	Project Number: 0051607	Date & Time Started: 10/12/06 0935 Date & Time Completed: 10/12/06 1000	
Drilling Company: Tree	Foreman: Steve Stockmaster WU	Sampler(s)	Sampler Hammer / Drop
Drilling Equipment: Geoprobe	Method: Direct Push	Elevation & Datum	Completion Depth: 11.3 / Rock Depth
Bit Size(s): 2"	Core Barrel(s): 3"	Geologist(s): WU	

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	LOCATION:				SURFACE DESCRIPTION: Concrete 8"	
0		3'	6.0		sandy silt, Dk Brown, (20, 25, 55)	S-001-D(0-2) @ 1000
1						
2			20.8		silty clay, Brown, (10, 15, 75)	S-001-D(2-4) @ 1005
3						
4		4'	5.2		silty clay, Dk Brown/gray (10, 15, 75)	
5						
6			1.5			
7					silty clay, light Brown (10, 10, 80)	
8		3.3	4.1			
9					silty clay, Medium brown, (5, 10, 85	
10						moist

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BORING LOG

Boring Number: 8-001-D

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
10		3.3	3.9		Silty sand, medium brown, (5,10,55)	moist
11					rock fragments	
11.3 refu						
12						
13						
14						
15						
16						
17						
18						
19						
20						

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Boring Number: S-001-E

BORING LOG

Project Name & Location: Delphi Lockport	Project Number: 0056607	Date & Time Started: 10/12/06 0850	
Drilling Company: Trec	Foreman: Steve Stockmaster	Date & Time Completed: 10/12/06 0905	Sampler(s) / Sampler Hammer / Drop
Drilling Equipment: Geoprobe	Method: Direct Push	Elevation & Datum	Completion Depth: 7' / Rock Depth
Bit Size(s): 2"	Core Barrel(s): 3"	Geologist(s): WU	

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
0	LOCATION:				SURFACE DESCRIPTION: Concrete	
		3'	5.0		Fill material	Dry S-001-E (2-4) @ 910 very difficult drilling
1					sandy silt, brown/gray, (20,50,30)	
2			5.8			S-001-E (0-2) @ 905
3						
4		2'	36			
5					silty, clay, Dk Brown, (10,15,75)	moist
6			5.0		large rock fragments	Driller stopped, auger couldn't be able to get core out.
7		refusal				7ft refusal
8						
9						
10						

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Boring Number: 8-001-F

BORING LOG

Project Name & Location: Delphi	Project Number: 0056607	Date & Time Started: 10/11/06 1245	
Drilling Company: Trec	Foreman: Steve Stockwell	Date & Time Completed: 10/11/06 1335	
Drilling Equipment: GeoProbe	Method: Direct Push	Sampler(s): WH	Sampler Hammer / Drop
Bit Size(s): 2"	Core Barrel(s): 3"	Elevation & Datum	Completion Depth: 11.3 / Rock Depth
		Geologist(s): WH	

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	LOCATION:				SURFACE DESCRIPTION: Concrete	collected 8-001-F(0-2) @ 1340
0		4'	8.0		silty clay, brown, (5, 10, 85)	
1					silty clay, Dk brown, (5, 10, 85)	
					silty clay, med. brown, (5, 10, 85)	
2			9.0			collected 8-001-F(2-4) @ 1345
3						8-001-F DUP
4						taken from 2-4 feet
		4'	7.1		silty clay, med brown, (5, 10, 85)	
5						macro core stuck
						about 30 min to extract
6			5.0			sleeve from it.
7						moist
8			6.7		silty clay, med brown, (5, 10, 85)	
9						
11.3			4.0			4.0 ft to 11.3 ft bgs

11.3 refusal

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Boring Number: 8-001-G

BORING LOG

Project Name & Location: Delphi	Project Number: 0125607	Date & Time Started: 10/11/06 1410	
		Date & Time Completed: 10/11/06 1440	
Drilling Company: Trec	Foreman: Steve Stackmaster	Sampler(s): WH	Sampler Hammer: Drop:
Drilling Equipment: GeoProbe	Method: Direct Push	Elevation & Datum:	Completion Depth: 11.3 Rock Depth:
Bit Size(s): 2"	Core Barrel(s): 3"	Geologist(s): WH	

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	LOCATION:				SURFACE DESCRIPTION: Concrete	
0		2'	3.8		fill material, stone fragments.	
1						
2			25		Silty clay, Black (5,5,90)	very dry and flaky. Collected sample 8-001-G(2-4) @ 1450
3						
4		4'	1.5			
5					Silty clay, Reddish brown (5,10,85)	
6			2.0		2" layer of Rock fragments	
7					silty clay, gray brown, (5,10,85)	collected sample 8-001-G(10-11.3) @ 1455 (WH)
8		3.3'	0			
9					silty clay, black stains, (5,10,85)	6" layer down to 9.5'
10			10-11.3 5.1 ppm		silty clay, brown, (5,10,85) ← until the 11.3 refusal	11.3 refusal

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Boring Number: S-001-H

BORING LOG

Project Name & Location: Delphi, Lockport	Project Number: 0056007	Date & Time Started: 10/12/06 1045	
Drilling Company: Trec	Foreman: Steve Stackmaster	Sampler(s): WU	Sampler Hammer / Drop:
Drilling Equipment: GeoProbe	Method: Direct Push	Elevation & Datum	Completion Depth: 9.6 / Rock Depth:
Bit Size(s): 2"	Core Barrel(s): 3"	Geologist(s): WU	

Date & Time Completed: 10/12/06 1110

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	LOCATION:				SURFACE DESCRIPTION: Concrete	
0		2'	0		fill, stones	
1						S-001-H (0-2) @ 1105
2			0		sandy silt, Dk Brown (15, 25, 60)	
3						
4		0'			?	Drill went down very hard, Drilling thinks grout was being pushed causing no core in sleeve
5						
6			0			
7						S-001-H (8-9.6) @ 1110
8		1.5'	3.4		sandy silt, Dk Brown (15, 25, 60)	
9					silty clay, medium Brown (10, 15, 75)	moist
9.6 10					refusal	

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Boring Number 8-001-I

BORING LOG

Project Name & Location: Delphi Lockport	Project Number	Date & Time Started: 10/12/06 1625 Date & Time Completed: 10/12/06 1715	
Drilling Company: Trec	Foreman: Steve Stackmaster	Sampler(s)	Sampler Hammer / Drop
Drilling Equipment: Geoprobe	Method: Direct Push	Elevation & Datum	Completion Depth: 12.45 / Rock Depth
Bit Size(s): 2"	Core Barrel(s): 3"	Geologist(s): WU	

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	LOCATION:				SURFACE DESCRIPTION: Concrete 6"	
0	1	4'	4.0		Stone fill 6"	
1					sandy silt, Dk brown, (25,25,50)	
					sandy silt, medi brown, (25,25,50)	
2			4.5			
3					sandy silt, Dk brown, gray, (10,15,75)	S-001-I(4-6)
4					sandy silt, medium brown, (10,15,75)	@ 1720
	2	4	5.0			
5					sandy silt, gray, (10,15,75) 6"	
6					silty clay, reddish brown, (5,10,85)	
			5.6			S-001-I(6-8)
7						@ 1725 ← DUP collected
8	3	4	4.9			
9					sandy silt, Dk brown (20,25,55)	moist
10						

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BORING LOG

Boring Number: B-001-T

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
10	3	4	4.6		↓ ↓	moist
11					silty clay, med. brown, (5, 10, 85)	
12	4	.5	2.1		highly saturated w/ H_2O	12.45 ft saturated refusal
13						
14						
15						
16						
17						
18						
19						
20						

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Boring Number: S-001-J [redacted]

BORING LOG

Project Name & Location: Delphi Lockport	Project Number: 0056007	Date & Time Started: 10/12/06 1015	
		Date & Time Completed: 10/12/06 1035	
Drilling Company: Trec	Foreman: Steve Stockmaster	Sampler(s): WH	Sampler Hammer / Drop
Drilling Equipment: Geoprobe	Method: Direct Push	Elevation & Datum	Completion Depth: 6.3 / Rock Depth
Bit Size(s): 2"	Core Barrel(s): 3"	Geologist(s): WH	

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	LOCATION:				SURFACE DESCRIPTION:	
0		3'	6.5		rocky fill	S-001-J (0-2) @ 1035
1						
2					sandy silt, Dk Brown (20, 20, 60)	S-001-J (2-4) @ 1040
		5.6			(3" rock — 3")	
3					sandy silt, dk Brown (20, 20, 60)	
4		2.5	4.5			moist
5					Silty Clay, med. Brown (5, 10, 85)	
6						6.3 refusal
6.3 refusal					rock fragment	
7						
8						
9						
10						

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Boring Number 8-005-2-A

BORING LOG

Project Name & Location: Lockport Phase II	Project Number: 56607	Date & Time Started: 10/12/06 (1000)	
Drilling Company: Trec Environmental	Foreman: Steve	Date & Time Completed: 10/12/06 (1025)	Sampler(s): WH
Drilling Equipment: Geo Probe	Method: Direct Push	Sampler Hammer	Drop
Bit Size(s): 2"	Core Barrel(s): 3"	Elevation & Datum	Completion Depth: 11.2
		Geologist(s): WH.	Rock Depth

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	LOCATION:				SURFACE DESCRIPTION: Concrete	
0		3'	818		silty clay, Black, (5, 10, 85)	
1						
					silty clay, tan/Brown, (20, 20, 60)	
2			1143			
3						
4		4'	1767		silty clay, Brown, (5, 10, 85)	8-005-2-A (4-6) @ 1030
5						
6			2819			8-005-2-A (6-8) @ 1035
7						moist
8		3'	184		silty clay, brown (20, 10, 70)	
9						
10						

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11.2

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BORING LOG

Boring Number: 8-005-2-A

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
10		3'	708		silty clay (20, 10, 70)	
						11.2 refusal
11						refusal
12						
13						
14						
15						
16						
17						
18						
19						
20						

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Boring Number: S-005-2-B

BORING LOG

Project Name & Location: Lockport Phase II	Project Number: 56607	Date & Time Started: 10/16/06 0915	
		Date & Time Completed: 10/16/06 0935	
Drilling Company: Trec Environmental	Foreman: Steve	Sampler(s): WH	Sampler Hammer / Drop
Drilling Equipment: Geoprobe	Method: Direct Push	Elevation & Datum	Completion Depth: 16.7 / Rock Depth
Bit Size(s): 2"	Core Barrel(s): 3"	Geologist(s): WH.	

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	LOCATION:				SURFACE DESCRIPTION: Concrete	S-005-2-B(0-2)
0		3'	1169		fill material w/ 6"	@ 955
1					sandy silt, med. brown, (20,20,60)	
2						S-005-2-B(2-4)
			859			@ 1000
3					sandy silt, reddish brown, (10,15,75)	
4		4'	558			
5					silty clay, brown, (5,10,85)	
6			625			
7					silty clay, brown, (5,10,85)	
8		3.7	265			
9						
10						

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BORING LOG

Boring Number: B-005-2-B

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
10		3.7	255		silty clay, light brown, (5,10,85)	moist/sticky
11						
11.7					refusal	refusal
12						
13						
14						
15						
16						
17						
18						
19						
20						

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Boring Number: δ-005-2-C

BORING LOG

Project Name & Location: Lockport Phase II	Project Number: 56607	Date & Time Started: 10/16/06 1040	
Drilling Company: Trec Environmental	Foreman: Steve	Date & Time Completed: 10/16/06 1105	Sampler(s): WG / Sampler Hammer / Drop
Drilling Equipment: Geoprobe	Method: Direct Push	Elevation & Datum / Completion Depth: 11 ft	Rock Depth
Bit Size(s): 2"	Core Barrel(s): 3"	Geologist(s): WG	

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	LOCATION:				SURFACE DESCRIPTION: Concrete	
0		3'	8.8		rock fill, part of concrete	
1					sandy silt, Brown, (20, 20, 60)	
2			39.6			δ-005-2-C(2-4)
3						@ 1115
4		4'	160		Sandy silt, tan, (20, 20, 60)	δ-005-2-C(4-6)
5						@ 1120
6			27.3		silty clay DK Brown/grey, (5, 15, 80)	
7					silty clay, Brown, (5, 10, 85) / sandy silt, Brown, (5, 10, 85)	
8		3'	24.9			
9					silty clay, Brown, (20, 25, 55)	
10						

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11'

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BORING LOG

Boring Number: S-005-2-C

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
10		3'	16.1		Sandy silt, Brown, (25,20,55)	moist
11	refusal	↓	↓		↓ rock fragments	11' refusal
12						
13						
14						
15						
16						
17						
18						
19						
20						

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ERM

5788 Widewaters Parkway, Dewitt, New York 13214

Boring Number 8-005-4A

BORING LOG

Project Name & Location: Delphi, Rock Port NY	Project Number	Date & Time Started: 10/12/06 1300 Date & Time Completed: 10/12/06 1330	
Drilling Company: Trec	Foreman: Steve Stockmaster	Sampler(s): WU	Sampler Hammer / Drop
Drilling Equipment: Geoprobe	Method: Direct Push	Elevation & Datum	Completion Depth: 12' / Rock Depth
Bit Size(s): 2"	Core Barrel(s): 3"	Geologist(s): WU	

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	LOCATION:				SURFACE DESCRIPTION: Concrete	
0		3'	6.7		fill, contains larger pebbles	
1					sandy silt, Brown, (20, 20, 60)	
					silty clay, Dk Brown, (10, 15, 75)	
2			14.3			
3						
4		4'	4.3			8-005-4A (6-8) @ 1335
5						
6			3.0		silty clay, Dk Brown, (10, 15, 75)	Blade staining at 6"
7						no blade staining
8		4	4.9			moist
9						
10						

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BORING LOG

Boring Number 8-005-4A

DEPTH (ft below grade)	SAMPLES: Sample Number	SAMPLES: Recovery (feet)	SAMPLES: FID/PID (ppm)	SAMPLES: Blow Counts	SOIL DESCRIPTION	REMARKS
10	4	1.4			sandy silt, Dk Brown/gray (5, 10, 85)	8-005-4A (10-12) @ 1340
11						
12						saturated/water stopped @ 12ft bgs due to saturation of groundwater
13						
14						
15						
16						
17						
18						
19						
20						

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Boring Number: 8-005-4-B

ERM

BORING LOG

Project Name & Location: Lockport Phase II	Project Number: 56607	Date & Time Started: 10/16/06 1640	
		Date & Time Completed: 10/16/06 1700	
Drilling Company: Trec Environmental	Foreman: Steve Stockmaster	Sampler(s): WH	Sampler Hammer / Drop
Drilling Equipment: Geoprobe	Method: Direct Push	Elevation & Datum	Completion Depth: 4.5 / Rock Depth
Bit Size(s): 2"	Core Barrel(s): 3"	Geologist(s): WH	

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	LOCATION:				SURFACE DESCRIPTION: Concrete	
0		3'	12.6		Sandy silt, Brown, (25, 10, 65)	
1						DUP sample collected
					rounded pebbles throughout sleeve w/ 1" diameter	
2			40.6			8-005-4-B(2-4) collected @ 1705
3						8-005-4-B(4-4.5)
4		.5	31.5		rounded pebbles 4 to 4.5'	@ 1710 refusal
5						
6						
7						
8						
9						
10						

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Boring Number 8-005-4C

BORING LOG

Project Name & Location	Project Number	Date & Time Started: 10/11/06 1650
Delphi	0056607	Date & Time Completed: 10/11/06 1715
Drilling Company	**Foreman**	**Sampler(s)** / **Sampler Hammer** / **Drop**
Trec	Steve Stockmaster	WG
Drilling Equipment	**Method**	**Elevation & Datum** / **Completion Depth** / **Rock Depth**
GeoProbe	Direct Push	11.6
Bit Size(s)	**Core Barrel(s)**	**Geologist(s)**
2"	3"	WG

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	LOCATION:				SURFACE DESCRIPTION: Concrete	
0		3'	339		6" stone fill material	
1					Silty clay, medium brown, (10,20,70)	till like material
2			521			
3					Silty clay, DK brown (10,20,70)	Dry, brittle
4		4'	278		Till material (pebbles)	
5					Contains silty clay, Brown, (30,20,50)	
6			433			Collected 8-005-4C (6-8)
7					silty clay, med brown, (20,30,50)	@ 1720
8		4	782			Collected 8-005-4C (8-10)
9						@ 1725
10						

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BORING LOG

Boring Number 8-605-4C

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
10		4	419		6" layer of large pebble, 2" diameter	
11		↓	↓		silty clay, DK brown (5, 15, 80)	
	Refusal				↓ rock chip ↓ rock chips	11.6
12						
13						
14						
15						
16						
17						
18						
19						
20						

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Boring Number: 8-005-4D

BORING LOG

Project Name & Location: Delphi	Project Number: 0056607	Date & Time Started: 10/12/06 0800	
Drilling Company: Trec	Foreman: Steve Stockmaster	Date & Time Completed: 10/12/06 0825	Sampler(s): WM. Sampler Hammer: Drop:
Drilling Equipment: GeoProbe	Method: Direct Push	Elevation & Datum:	Completion Depth: 10.8 Rock Depth:
Bit Size(s): 2"	Core Barrel(s): 3"	Geologist(s): WM.	

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	LOCATION:				SURFACE DESCRIPTION: Concrete	
0		3'	839		rock fill, 1-3" diameter stones	
1					silty clay, DK Brown, (20,30,50)	
2			997			
3					silty clay, red brown, (5,30,65)	
4		4'	317			
5					silty clay, Dk brown, (20,20,60)	
6			171			
7					silty clay, Dk Brown, (10,15,75)	
8		2.8	334			odor
9						
10					Silty clay, Dk Brown, (5,10,85)	MOIST

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BORING LOG

Boring Number
SB05-4D

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
10		3.8	71.5		Silty Clay, Dk Brown (5, 10, 85)	Odor
		4			rock fragments	moist
10.8						Refusal
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

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Boring Number 8-005-4E

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BORING LOG

Project Name & Location	Project Number	Date & Time Started: 10/10/06 1620
Delphi	0051660.7	Date & Time Completed: 10/10/06 1633
Drilling Company	Foreman	Sampler(s) / Sampler Hammer / Drop
Trec	Steve Stockmaster	WH
Drilling Equipment	Method	Elevation & Datum / Completion Depth / Rock Depth
Geoprobe	Direct Push	10.2
Bit Size(s)	Core Barrel(s)	Geologist(s)
2"	3"	WH

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	LOCATION:				SURFACE DESCRIPTION: ~~Gravel~~ Concrete	
0		4'	BP 37.2		6" fill, pebbles, rock mix	
1					~~Sandy~~ silty sand, brown (30, 30, 40)	
2			8965			Sample: 8-005-4E(2-4')
3					rock fragments 1" diameter	@ 1710
					silty sand, brown, (20, 10, 70)	
4					rock fragment	
		4'	7799		silty sand, Dk brown (25, 25, 50)	Sample: 8-005-4E(4-6')
5						@ 1715
					larger size rock fragments throughout	
6					sticks (small fragments) throughout	
			2476			
7						
8						
		2.2'	4348		silty sand, Dk Brown (25, 25, 50)	
9					rock fragment	moist
					silty clay, Brown (5, 10, 85)	↓
10						10.2 refusal

10.2

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BORING LOG

Boring Number: ~~SB-30~~ S-005-3A

Project Name & Location: Delphi Lockport	Project Number: 00566007	Date & Time Started: 10/12/06 1410	
		Date & Time Completed: 10/12/06 1430	
Drilling Company: Trec	Foreman: Steve Stockmaster	Sampler(s): WU	Sampler Hammer / Drop
Drilling Equipment: Geoprobe	Method: Direct Push	Elevation & Datum	Completion Depth: 10.3 / Rock Depth
Bit Size(s): 2"	Core Barrel(s): 3"	Geologist(s): WU	

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	LOCATION:				SURFACE DESCRIPTION: Concrete 10"	
0		3'	4.1		stone fill	
1					sandy silt, Med. Brown, (25,25,50)	
2			1.8			
3						
4		4	7.2			
5					2" layer of rock fragment	
					sandy silt, Brown/Gray, (25,25,50)	
6			19.3		silty sand, Dk Brown, (5,10,85)	S-005-3A (6-8) @ 1440
7						
8						S-005-3A (8-10) @ 1445
		2.0	28.4		silty sand, med Brown, (5,10,85)	moist
9						
10					rock fragments	

103 refusal

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Boring Number 8-005-3B

BORING LOG

Project Name & Location: Delphi	Project Number: 0056607	Date & Time Started: 10/12/06 1710	
		Date & Time Completed: 10/12/06 1730	
Drilling Company: Trec	Foreman: Steve Stockmaster	Sampler(s): WH	Sampler Hammer / Drop
Drilling Equipment: Geoprobe	Method: Direct Push	Elevation & Datum	Completion Depth: 9ft / Rock Depth
Bit Size(s): 2"	Core Barrel(s): 3"	Geologist(s): WH	

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	LOCATION:				SURFACE DESCRIPTION: (oncrete = 8" core	
0		3'	18.1		silty clay, pale Brown, (25,25,50)	
1						
2			23.5			
3					6" layer of fragment rock silty clay, Brown/gray (10,15,75)	
4		4'	19.3			
5						
6					6" layer of fry rock	
			41.6		silty clay, Brown gray (10,15,75)	8-005-3B(6-8) @ 730
7						moist
8		1'			silty clay, Brown (15,20,65)	8-005-3B(8-9) @ 732
			27.3			9ft refusal
9	refusal					
10						

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Boring Number 8-005-3C

BORING LOG

Project Name & Location: Delphi	Project Number: 0056607	Date & Time Started: 10/11/06 1540	
Drilling Company: Trec	Foreman: Steve Stockander WH	Date & Time Completed: 10/11/06 1620	Sampler(s) / Sampler Hammer / Drop
Drilling Equipment: GeoProbe	Method: Direct Push	Elevation & Datum	Completion Depth: 11.1 / Rock Depth
Bit Size(s): 2"	Core Barrel(s): 3"	Geologist(s): W.H.	

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	LOCATION:				SURFACE DESCRIPTION: Concrete	
0		3'	81		(W) silty clay/fill, Brown, (20, 25, 55)	
1						
2			1022		silty clay, Dk Brown, (10, 20, 70)	Strong odor →
3						
4		4'	3020		small fragment of rock	8-005-3C (4-6)
5						collected @ 1615
6			1987		silty clay, red Brown (5, 10, 85)	
7						
8						8-005-3C (8-10)
9		3'	3235		silty clay, light Br. (10, 15, 75) clay w/ few layers of small pebbles	collected @ 1620
10						
	Page		4 of 1		Signature:	Date:

11.1 refusal

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Boring Number MW-8-003-B

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BORING LOG

Project Name & Location	Project Number	Date & Time Started: 10/30/06 0820
Lockport Phase II	56607	Date & Time Completed: 10/30/06 0930
Drilling Company: Trec Environmental	Foreman	Sampler(s) / Sampler Hammer / Drop
Drilling Equipment: CME 85	Method	Elevation & Datum / Completion Depth / Rock Depth
Bit Size(s): See below (varies)	Core Barrel(s)	Geologist(s): Jenny Wolf

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	LOCATION:				SURFACE DESCRIPTION:	
0820 0					Asphalt surface	
	1	0.1		12		
1	1		0.1	9	Broken asphalt, very poor recovery	Dry
	1			5		
	1			3	Brown 10YR 5/3 / Reddish BRN	
2	2	0.8		3	5YR 5/3 silty fine sand (SM)	
	2		0.8	4		
3	2			7	light Brownish gray 10YR 6/2	
	2		1.1	8	fine silty sand w/slight plasticity (SM)	
4	3	0.2		18		Poor Recovery
0830	3		0.7	100/1		
5	BNA	NA	NA	NA	Begin drilling bedrock with	
	BNA				air rotary Methods. Blind	
6	NA				Drill	
7						
						Dry
8						
9						
10						

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Sample ID MW-8-003-B (2-4')
Time 0835

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BORING LOG

Boring Number MW-8-003-B

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
10	NA	NA	NA	NA	Air Rotary, Blind Drill	Wet @ ~10' bgs
11						
12						
13						
14						
0930 15					End of boring @ 15' bgs.	
16						
17						
18						
19						
20						

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ERM

5788 Widewaters Parkway, Dewitt, New York 13214

Boring Number 8-004-C

BORING LOG

Project Name & Location	Project Number	Date & Time Started: 25 OCT 2000 1125
Lockport Phase II	56607	Date & Time Completed: 25 OCT 2000 1138
Drilling Company	**Foreman**	**Sampler(s)** / **Sampler Hammer** / **Drop**
Trec Environmental	Jim Agar	Ron Taylor
Drilling Equipment	**Method**	**Elevation & Datum** / **Completion Depth** / **Rock Depth**
Geoprobe 5400LD	Direct Push	-9.7 bgs
Bit Size(s)	**Core Barrel(s)**	**Geologist(s)**
2"	3"	Ron Taylor

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	LOCATION: ~~GP~~ 8-004-C				SURFACE DESCRIPTION: Grass area	
0	1	2.0'			* 0 to -1.0 bgs: Dark Reddish	
1	1				Brown. Fine-grained clay, Little	
	1				Sub-angular gravel. Moist.	
	1				* -1.0 to -2.0 bgs: Dark to Light	
2	1		12.5		Grey, 60% Sub-angular gravel.	
3	1		↓		Fine to coarse sub-angular sand/	
	1				silt/gravels. Moist	
	1		↓		* 3.0 to -4.0 bgs: Dark Reddish	
4	2	3.0	117		Brown. Fine-grained clay.	* Sample 8-004-C (4-5)
5	2		↓		Tight. Moist. Light grey rock	@ 1200 for VOC
	2				and end of core.	analysis.
	2		↓		* -4.0 to -8.0 bgs: Dark Reddish	
6	2		603		Brown. Fine-grained clay, Tight.	
7	2		↓		Fine to medium grained sand/silt	
	2				(subrounded) at -5.5 to -6.0 bgs.	
8	2		↓		Moist	* Sample 8-004-C (8-9.7)
	3	2.5	123		* -8.0 to -8.9 bgs. Dark Reddish Brown	@ 1205 for VOC analysis
9	3		↓		Fine-grained clay, Saturated @ -8.9 bgs.	* Hit Refusal @ -9.7 bgs
	3		↓		* 8.9 to -9.7 bgs: Dark Reddish Brown	
10					to TBW. Fine-grained clay. Weathered Bedrock.	moist.

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5788 Widewaters Parkway, Dewitt, New York 13214

Boring Number: 8-002-A

BORING LOG

Project Name & Location: Delphi Phase II	Project Number:	Date & Time Started: 10/10/06 1110 Date & Time Completed: 10/10/06 1130	
Drilling Company: Trec	Foreman:	Sampler(s):	Sampler Hammer: / Drop:
Drilling Equipment: Geoprobe pickup	Method:	Elevation & Datum:	Completion Depth: / Rock Depth:
Bit Size(s):	Core Barrel(s):	Geologist(s): Jeremy Wolf	

DEPTH (ft below grade)	Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	LOCATION:				SURFACE DESCRIPTION:	
1110 0					Asphalt	
	1	1.5		NA	Well graded gravel with	Apparent fill?
1	1		7.5		trace coarse sand (gw)	
	1					
	1		7.0			
2	1					
	1		7.1			
3	1				Wet @ 3'	Wet @ 3' bgs
	1		7.4			
4	2	1.5			(gw) as above	
	2		6.9			
5	2					
	2		6.7			
6	2				very dk gray 2.5Y 3/1 coarse	
	2				sand w/ 25% fine angular gravel (sp)	
7	2					
	2				Brown 10YR 5/3 / Reddish BRN 5YR 5/3	
1122 8	3	1.0	9.2		silty clay w/ 25% fine angular gravel (cl)	
1130					Refusal @ 8.5' bgs End of Boring	
9						
10						

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Sample ID: 8-002-A (0-8)
Time: 1315
Analysis: VOC, SVOC, met (RCRA, Cr6)

Sample ID: 8-002-A (8-8.5)
Time: 1325
Analysis: VOC, SVOC, met (RCRA 8, Cr6)

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5788 Widewaters Parkway, Dewitt, New York 13214

Boring Number: 8-002-B

BORING LOG

Project Name & Location: Delphi Phase II	Project Number	Date & Time Started: 10/10/06 1145 Date & Time Completed: 10/10/06 ~~1210~~ 1210	
Drilling Company: Trec	Foreman	Sampler(s)	Sampler Hammer / Drop
Drilling Equipment: Geoprobe Pickup	Method	Elevation & Datum	Completion Depth / Rock Depth
Bit Size(s)	Core Barrel(s)	Geologist(s): Jeremy Wolf	

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	LOCATION:				SURFACE DESCRIPTION: Asphalt	
1145 0	1	1.5		NA	well graded gravel (coarse angular)	
1	1		2.2		w/ trace coarse sand (gw)	
	1					
	1		2.0			
2	1					
	1		181.2			
3	1				very dk gray 2.5Y 3/1 med/coarse	wet @ ~ 3' BGS
	1	↓	83.5		sand w/ ~ 30% fine angular	
4	2	1.0			gravel (sp)	
	2		87.1			Solvent odor noted
5	2				gravelly (coarse) sand (coarse/med grained)	2 - 8' bgs
	2		85.0		(gm)	
6	2		~ |			
	2		|			
7	2		|			
	2	↓	↓			
8	3	2.0	9.5		Brown 10YR 5/3 coarse gravelly sand (gm)	
	3				w/ ~ 40% med/coarse sand	
9	3		8.1			
1210 ~~1210~~ 10	3	↓		↓	Refusal @ 10.1' End of Boring @ light gray very dense silty fine sand (sm) f	weathered rock

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Sample ID: 8-002-B(8-10) Time: 1310 Analysis: VOC, SVOC, met. (RCRA8 Cr6)

Sample ID: 8-002-B(2-8') Time: 1300 Analysis: Full TCL, TAL, PCB

(Poor Recovery) limited sample volum

ERM

5788 Widewaters Parkway, Dewitt, New York 13214

Boring Number: 8-002-C

BORING LOG

Project Name & Location: Delphi Phase II	Project Number:	Date & Time Started: 10/10/06 1215 Date & Time Completed: 10/10/06 1235	
Drilling Company: Trec	Foreman:	Sampler(s):	Sampler Hammer: / Drop:
Drilling Equipment: Geoprobe Pickup	Method:	Elevation & Datum:	Completion Depth: / Rock Depth:
Bit Size(s):	Core Barrel(s):	Geologist(s): Jeremy Volf	

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	LOCATION:				SURFACE DESCRIPTION:	
1215 0					Asphalt	
	1	4.0		NA	Brown 10YR 5/3 silty sand	
1	1		9.2		w/ 15% fine subangular gravel (SM)	
	1					wet @ 1.5' bgs
	1		57.1		Black 10YR 2/1 dense silty	no odor detected
2	1				fine sand (SM) no coarses	
	1		55.9			
3	1					
	1		47.5			
4	2	3.5				wet, no odor detected
	2		22.7			
5	2					
	2		18.1			
6	2					
	2		20.7			
7	2		2.4		Brown 10YR 5/3 / Reddish Brn 5YR 5/3 silty clay w/ 5% fine subrand gravel	(C1) Dense
1235 8					Refusal @ 7.6' BGS	
						Sample ID: 8-002-C (1.5-4)
9					Sample ID: 8-002-C (4-6')	Date: 10/0 Time: 1245
					Date: 10/10 Time: 1255	Analysis: metals, VOCs (CRG, RCRA)
10					Analysis: metals, VOCs (CRG, RCRA)	

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Sample ID:
Time:
Analysis:
(JW)

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5788 Widewaters Parkway, Dewitt, New York 13214

Boring Number: S-009-A

BORING LOG

Project Name & Location	Project Number	Date & Time Started: 10/10/06 1445
Delphi Phase II		Date & Time Completed: 10/10/06 1455
Drilling Company	**Foreman**	**Sampler(s) / Sampler Hammer / Drop**
Trec		
Drilling Equipment	**Method**	**Elevation & Datum / Completion Depth / Rock Depth**
Geoprobe Pickup		
Bit Size(s)	**Core Barrel(s)**	**Geologist(s)**
		Jeremy Wolf

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	LOCATION:				SURFACE DESCRIPTION: Concrete 5"	
1445 0	1	2.5		NA		Dry
1	1		0.6		Dark yellowish BRN 10YR 4/4	
	1				silty clay (Cl), Stiff	
2	1		0.5		w/ trace fine rounded gravel	
	1					
3	1		0.9		light gray 10YR 7/1 cobbly gravel	
1455	1	↓		↓	w/ 30% fine grained sand (gm)	↓
4					refusal @ 3.6' end of boring	
5						Sample ID: S-009-A(0-2)
						Time: 1500
6						Analysis: RCRA 8, Cr 6
						VOC, PCB
7						Sample ID: S-009-A(2-3.6)
8						Time: 1510
						Analysis: RCRA 8, Cr 6
9						VOC, PCB
10						

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

rev. 10/99
Boring Log.xls

ERM

5788 Widewaters Parkway, Dewitt, New York 13214

Boring Number: 8-009-B

BORING LOG

Project Name & Location: Delphi Phase II	Project Number:	Date & Time Started: 10/10/06 1410 Date & Time Completed: 10/10/06 1435	
Drilling Company: Trec	Foreman:	Sampler(s):	Sampler Hammer: / Drop:
Drilling Equipment: Geoprobe pickup	Method:	Elevation & Datum:	Completion Depth: / Rock Depth:
Bit Size(s):	Core Barrel(s):	Geologist(s): Jeremy Wolf	

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	LOCATION:				SURFACE DESCRIPTION:	
1410 0					Asphalt	
	1	2.5		NA	Fine angular gravel w/ trace	Dry, no odor
1	1		2.0		fine/med grained sand (gp)	
	1					
	1		1.7			
2	1				Yellowish Brn 10YR 5/4	
	1		0.6		fine/med grained sand w/ 5%	
3	1				fine rounded gravel (SW)	
	1		0.5			
4	2					
	2		3.7		light gray 10YR 7/1 cobbly gravel	
5	2				w/ 30% fine grained sand (gm)	
	2		4.0			
6	2				light olive brown 2.5Y 5/3 angular coarse	
1435	2		3.1		gravel w/ silty clay (gc)	
7					Refusal @ 6.7' bgs end of boring.	
8						
					Sample ID: 8-009-B (4-6.7)	Sample ID: 8-009-B (0-2)
					Time: 1520	Time: 1530
9					Analysis: Full TCL, TAL, PCB's	Analysis: RCRA 8, Cr 6,
10					Cr 6	VOC, PCB

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

rev. 10/99
Boring Log.xls

ERM

5788 Widewaters Parkway, Dewitt, New York 13214

Boring Number: 8-004-A

BORING LOG

Project Name & Location	Project Number	Date & Time Started: 10/11/06 900
Delphi Phase II		Date & Time Completed: 10/11/06 0930
Drilling Company: Trec	Foreman	Sampler(s) / Sampler Hammer / Drop
Drilling Equipment: Geoprobe (pickup truck mounted)	Method	Elevation & Datum / Completion Depth / Rock Depth
Bit Size(s)	Core Barrel(s)	Geologist(s): Jeremy Wolf

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	LOCATION:				SURFACE DESCRIPTION: 2" crushed stone	
0900 0	1	2.5	0.1	NA	Grayish Brown (10YR5/2) coarse/med	Dry, no odor
1	1				grained sand w/ 15% fine	
	1		3.4		sub angular gravel (SP)	
	1					
2	1		1.2			
	1					
3	1		0.8			
	1	↓			↓	
4	2	2.0	3.6		Grayish Brown (10YR5/2) well	wet @ ~ 4' bgs
	2		(SW)		graded medium/fine grained	
5	2		4.8		Sand (SW)	
	2					
6	2		15.1			
	2				Brown (10YR 5/3)/Reddish Brown (5YR5/3)	
7	2		20.7		silty clay w/ trace coarse	
	2	↓			rounded sand (CL)	
8	3	1.5	22.5			
	3				(CL) as above w/ 15% coarse	
9	3		27.0		angular gravel & cobble fragments	
10	3	↓		↓	Refusal @ 10.2' @ cobbly clay/bedrock	
0930						

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

Sample ID: 8-004-A (6-8')
Analysis: VOC
Time: 1030

Sample ID: 8-004-A (8-10')
Analysis: VOC
Time: 1040

ERM

5788 Widewaters Parkway, Dewitt, New York 13214

Boring Number: 8-004-B

BORING LOG

Project Name & Location: Delphi Phase II	Project Number	Date & Time Started: 10/11/06 0940 Date & Time Completed: 10/11/06 0955	
Drilling Company: Tec	Foreman	Sampler(s)	Sampler Hammer / Drop
Drilling Equipment: Geoprobe (pickup truck mounted)	Method	Elevation & Datum	Completion Depth / Rock Depth
Bit Size(s)	Core Barrel(s)	Geologist(s): Jeremy Wolf	

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	LOCATION:				SURFACE DESCRIPTION:	
0					2" Crushed Stone	
	1	0.0	NA	NA	No recovery	
1	1					
	1					
	1					
2	1					
	1					
3	1					
	1					
4	1					
	2	1.5	39.6		grayish brn (10YR 5/2) med/coarse	wet
5	2				grained sand (SP) w/ 25%	
	2		43.5		subangular gravel	
6	2					
	2		448			
7	2				Brown 10YR 5/3 / Reddish BRN 5YR 5/3	
	2		437		silty clay w/ 10-15% gravel (CL)	
8	2				Refusal @ 7.7'	
9					Sample ID: 8-004-B (6-8')	Sample ID: 8-004-B (4-6')
					Time: 1015	Time: 1025
10					Analysis: Full TCL/TAL/PCB	Analysis: VOC

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

rev. 10/99

Boring Log.xls

ERM

5788 Widewaters Parkway, Dewitt, New York 13214

Boring Number: GS-D

BORING LOG

Project Name & Location: Delphi Phase II	Project Number:	Date & Time Started: 10/12/06 1320 Date & Time Completed: 10/12/06 1340	
Drilling Company: Trec	Foreman:	Sampler(s):	Sampler Hammer: / Drop:
Drilling Equipment: Geoprobe Truck mounted	Method:	Elevation & Datum:	Completion Depth: / Rock Depth:
Bit Size(s):	Core Barrel(s):	Geologist(s): Jeremy Wolf	

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	SOIL DESCRIPTION	REMARKS
	LOCATION:				SURFACE DESCRIPTION:	
1320 — 0					Asphalt	
	1	4.0		NA	grayish brown 10YR5/2	Dry
1	1		7.6		fine/med grained sand w/	
	1				15% sub angular gravel (sp)	
	1		6.9			
2	1				Brown 7.5YR 5/3 stiff	
	1		13.2		silty clay (cl)	
3	1					
	1		12.9			
4	2	4.0			As above (cl)	
	2		1.3			
5	2					
	2		1.4			
6	2					
	2		0.8			
7	2					Damp @ 7'
	2		0.9			
8	3	1.4				
	3		1.0			
9	3					
1349 10					Refusal @ 9.4' bgs	

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

Sample ID: GS-D (0-2')
Time: 1545
Analysis: VOC, SVOC & PCBs, RCRA metals & Cr6

Sample ID: GS-D (2-4')
Time: 1550
Analysis: VOC, SVOCs & PCBs, RCRA meta

Re
Boring L

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

GZA GEOENVIRONMENTAL OF NEW YORK

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

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

CONTRACTOR	Earth Dimensions, Inc.	BORING LOCATION	See Location Plan
DRILLER	S. Gingrich	GROUND SURFACE ELEVATION	613.1 DATUM NGVD
START DATE	8/31/1995 END DATE 9/4/1995	GZA GEOENVIRONMENTAL REPRESENTATIVE	G. Klawinski

WATER LEVEL DATA				
DATE	TIME	WATER	CASING	NOTES
8/31/1995	1:30	Dry	8.9	
8/31/1995	1:45	Dry	8.9	

TYPE OF DRILL RIG	Diedrich D-50
CASING SIZE AND DIAMETER	6-1/4" HSA
OVERBURDEN SAMPLING METHOD	2"OD X 24" Split Spoon Sampler
ROCK DRILLING METHOD	HQ Size Rock Core

DEPTH	SAMPLE BLOWS (/6")	NO.	DEPTH (FT)	N-VALUE /RQD %	RECOVERY (%)	SAMPLE DESCRIPTION	EQUIPMENT DESCRIPTION	OVM (ppm)
	5					Very stiff, brown, SILT & CLAY,		
1	10	S-1	0 - 2	20	75	little f/c Sand, damp.	Concrete surface seal to 2.0 ft.	ND
	10							
2	8							
	6	S-2	2 - 4	14	50	...grades to stiff	4" Steel Casing to 8.9 feet	ND
3	7							
	7							
4	8						Cement and bent. grout	
	2	S-3	4 - 6	6	80	...grades to medium	from 2 to 8.9 feet.	ND
5	3							
	3					Medium stiff, brown Clayey SILT,		
6	4					some f/c Sand, moist.		
	1	S-4	6 - 8	16	100			ND
7	3					...grades to very stiff, moist to wet		
	13						2 inch PVC flush	
8	16						coupled riser pipe	
	49	S-5	8 - 8.9	NA	70	Weathered bedrock and f/c SAND	to 15.0 feet.	ND
9	50/0.4					Auger refusal at 8.9 feet		
10		C-1	8.9 - 13.9	54	100	BEDROCK	Bentonite Pellets	
						LOCKPORT DOLOMITE FORMATION	from 7.0 to 11.0 ft.	
11						Gray, hard,very slight to		
						moderate weathering, fine		
12						grained horizontal and low angle	Nominal 3.75" diameter	
						fractures.	rock hole 8.9 to 26.3	
13							feet.	
							Morie Sand #N00	
14							from 11 to 30 feet	
		C-2	13.9 - 19.2	92	100			
15								
16							2 inch PVC Screen	
							SCH. 40, 10 slot,	
17							from 15.0 to 30.0 feet.	
18								
19								
		C-3	19.2 - 25.1	92	100			
20								

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.
Meter was calibrated to the equivalent of 54 ppm benzene in air.

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

GZA GEOENVIRONMENTAL OF NEW YORK

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

BORING No MW-3S
SHEET 1 OF 2
FILE No 55039.2
CHECKED BY SHB

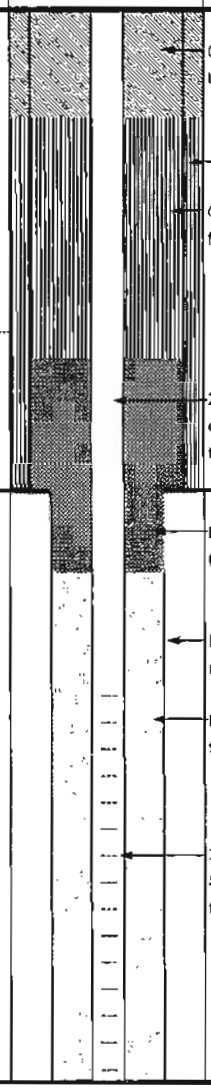
CONTRACTOR	Earth Dimensions, Inc	BORING LOCATION	See Location Plan
DRILLER	S. Gingrich	GROUND SURFACE ELEVATION	611.9 DATUM NGVD
START DATE	8/31/1995 END DATE 9/4/1995	GZA GEOENVIRONMENTAL REPRESENTATIVE	G. Klawinski

WATER LEVEL DATA				
DATE	TIME	WATER	CASING	NOTES
8/31/1995	11:50	Dry	8.9	
8/31/1995	1:45	Dry	8.9	

TYPE OF DRILL RIG	Diedrich D-50
CASING SIZE AND DIAMETER	6-1/4" HSA
OVERBURDEN SAMPLING METHOD	2"OD X 24" Split Spoon Sampler
ROCK DRILLING METHOD	HQ Size Rock Core

DEPTH	SAMPLE BLOWS (/6")	NO.	DEPTH (FT)	N-VALUE /RQD %	RECOVERY (%)	SAMPLE DESCRIPTION	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:
1) Stratification lines represent approximate boundary between soil types, transitions may be gradual.
2) Water level readings have been made at times and under conditions stated, fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.

CONTRACTOR	Earth Dimensions, Inc	BORING LOCATION	See Location Plan
DRILLER	S. Gingrich	GROUND SURFACE ELEVATION	612.0 DATUM NGVD
START DATE	12/18/1995 END DATE 1/3/1996	GZA GEOENVIRONMENTAL REPRESENTATIVE	B. Klettke/G. Klawinski

WATER LEVEL DATA				
DATE	TIME	WATER	CASING	NOTES
8/31/1995	11:50	Dry	8.9	
8/31/1995	1:45	Dry	8.9	

TYPE OF DRILL RIG	Mobile B-81
CASING SIZE AND DIAMETER	8-1/4" HSA
OVERBURDEN SAMPLING METHOD	2"OD X 24" Split Spoon Sampler
ROCK DRILLING METHOD	NQ Size Rock Core (29' to 38')
	HQ Size Rock Core (38' to 70.3')

DEPTH	SAMPLE BLOWS (/6")	NO	DEPTH (FT)	N-VALUE /RQD %	RECOVERY (%)	SAMPLE DESCRIPTION	EQUIPMENT DESCRIPTION	OVM
						Augered 0' - 4' without sampling.	6" diam. Steel casing (3' above ground to 2' below ground)	
1								
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:
1) Stratification lines represent approximate boundary between soil types, transitions may be gradual.
2) Water level readings have been made at times and under conditions stated, fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.

CONTRACTOR	Earth Dimensions, Inc	BORING LOCATION	See Location Plan
DRILLER	S Gingrich	GROUND SURFACE ELEVATION	610.8 DATUM NGVD
START DATE	4/5/1996 END DATE 4/8/1996	GZA GEOENVIRONMENTAL REPRESENTATIVE	T Seider

WATER LEVEL DATA				
DATE	TIME	WATER	CASING	NOTES
4/5/1996	12:10	Dry	11 5	60 min. stab
4/5/1996	15:25	Dry	11 5	
4/8/1996	8:30	7 0	11 5	

TYPE OF DRILL RIG	Mobile B-61
CASING SIZE AND DIAMETER	6-1/4" HSA
OVERBURDEN SAMPLING METHOD	2" O.D x 24" Split Spoon Sampler
ROCK DRILLING METHOD	HQ Size Rock Core

DEPTH	SAMPLE BLOWS (/6")	NO.	DEPTH (FT)	N-VALUE /RQD %	RECOVERY (%)	SAMPLE DESCRIPTION	WELL INSTALLATION DIAGRAM	WELL INSTALLATION DESCRIPTION	OVM (ppm)
	15	S-1	0 - 2	12	50	ASPHALT CONCRETE		Top of Riser Elev.= 613.07'	ND
1	8					GRAVEL Subbase			
	4					Stiff, dark brown to black, SILT &		Concrete surface seal	
2	6					CLAY, little fine to medium Sand,		to 2.0 ft.	
	4	S-2	2 - 4	14	15	moist		4 " Steel Casing to	ND
3	4					.Grades reddish brown		11 6 feet	
	10							Cement/bentonite grout	
4	14							from 2 to 11.6 feet	
	4	S-3	4 - 6	14	60	Stiff, reddish brown, CLAY &			ND
5	6					SILT, trace fine to medium Sand,		10" nominal diameter	
	8					moist		borehole to 11.6'.	
6	11								
	5	S-4	6 - 8	14	45				ND
7	6								
	8							2 inch PVC flush	
8	9							coupled riser pipe	
	3	S-5T	8 - 10	11	60			to 17.5 feet	2
9	4					Stiff, dark brown to black, Clayey			
	7					SILT, trace Sand, trace Organics,			
10	9	S-5B				moist (9 5'-10.0')		Bentonite Pellets	3
	3	S-6	10 - 11.6	41	30	Hard, dark brown and tan CLAY &		from 9.2 to 13.6 ft.	30
11	13					SILT, Rock fragments @ 11.5'			
	28								
12	50/0.1'	C-1	11.6 - 17.0	83	100	Auger refusal @ 11.6'			
13						BEDROCK			
						LOCKPORT DOLOMITE FORMATION			
14						Gray, hard, slight to moderate			
						weathering, fine-grained, horizont-			
15						al and low angle fractures			
16								Sidley Sand #1240	
								from 13.6 to 32.5 feet	
17									
		C-2	17.0 - 22.2	98	98				
18								Nominal 3.75" diameter	
								rock hole 11 5 to 32.5	
19								feet.	

GZA GEOENVIRONMENTAL OF NEW YORK

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

BORING No. MW-4
SHEET 2 OF 2
FILE No 55039.2
CHECKED BY SHB

DEPTH	SAMPLE					SAMPLE DESCRIPTION	WELL INSTALLATION DIAGRAM	WELL INSTALLATION DESCRIPTION	OVM (ppm)
	BLOWS (/6")	NO	DEPTH (FT)	N-VALUE /RQD %	RECOVERY (%)				
20								2 inch PVC Screen SCH. 40, 10 slot, from 17.5 to 32.5 feet.	
21									
22									
		C-3	22.2 - 27.4	100	100				
23									
24									
25									
26									
27									
		C-4	27.4 - 32.5	96	100				
28									
29									
30									
31									
32									
33						Bottom of Boring 32.5 Feet			
34									
35									
36									
37									
38									
39									
40									

S - Split Spoon Sample
C - Rock Core Sample

NOTES: 1) HNu PI - 101 organic vapor meter used to screen soil samples. Meter was calibrated to the equivalent of 57 ppm benzene in air.
2) Collected 4 oz. analytical sample of soil from 10.0'-11.5'.

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

CONTRACTOR	Earth Dimensions, Inc.	BORING LOCATION	See Location Plan		
DRILLER	S Gingrich	GROUND SURFACE ELEVATION	607.0	DATUM	NGVD
START DATE	4/5/1996 END DATE 4/8/1996	GZA GEOENVIRONMENTAL REPRESENTATIVE	T Seiger		

WATER LEVEL DATA				
DATE	TIME	WATER	CASING	NOTES
4/5/1996	12:50	Dry	6.2	20 min. stab
4/8/1996	8.30	3.0	6.2	

TYPE OF DRILL RIG	Mobile B-61
CASING SIZE AND DIAMETER	6-1/4" HSA
OVERBURDEN SAMPLING METHOD	2" O.D x 24" Split Spoon Sampler
ROCK DRILLING METHOD	HQ Size Rock Core

DEPTH	SAMPLE BLOWS (/6")	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

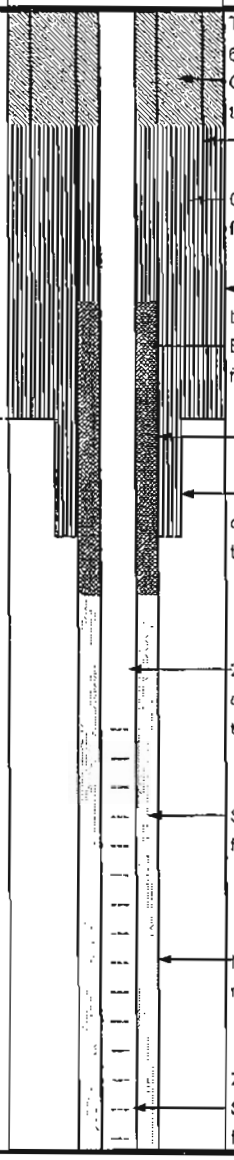
BORING No. MW-7
SHEET 1 OF 2
FILE No. 55039.2
CHECKED BY SHB

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

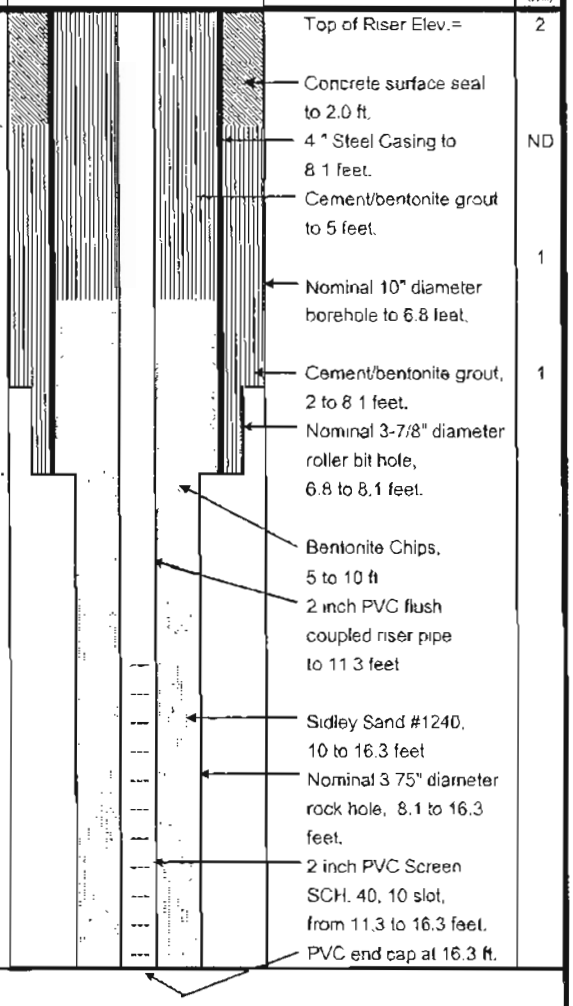
BORING No. MW-8
SHEET 1 OF 1
FILE No 55039.2
CHECKED BY SHB

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

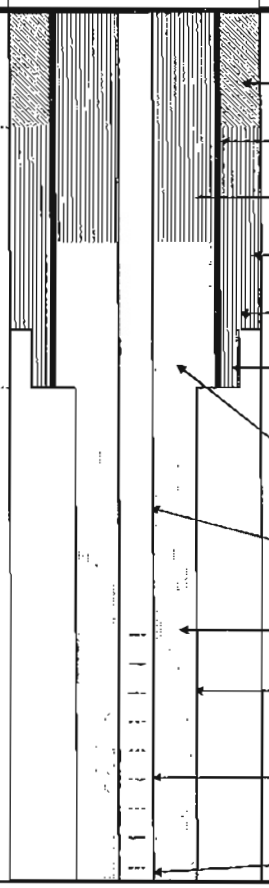
BORING No MW-9
SHEET 1 OF 1
FILE No. 55039.2
CHECKED BY SHB

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

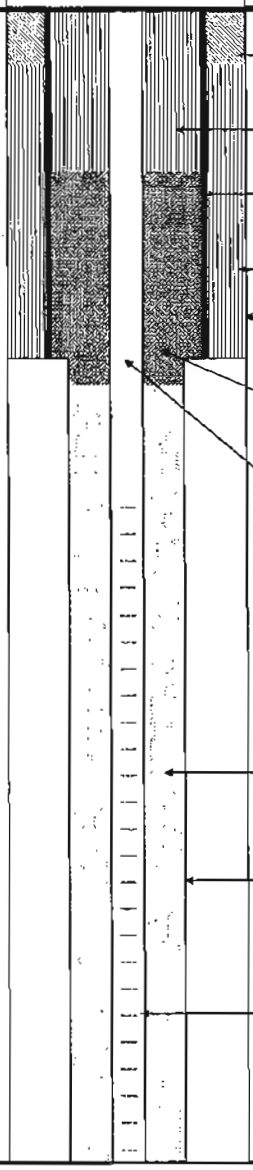
General Notes:
1) Stratification lines represent approximate boundary between soil types; transitions may be gradual.
2) Water level readings have been made at times and under conditions stated; fluctuations of groundwater may occur due to other factors than those present at the time measurements were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

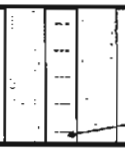
WATER LEVEL DATA				
DATE	TIME	WATER	CASING	NOTES
8/14/1997	3:50	4.8'	none	after C-2
8/15/1997	7:20	5.3'	none	prior to
				drilling

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

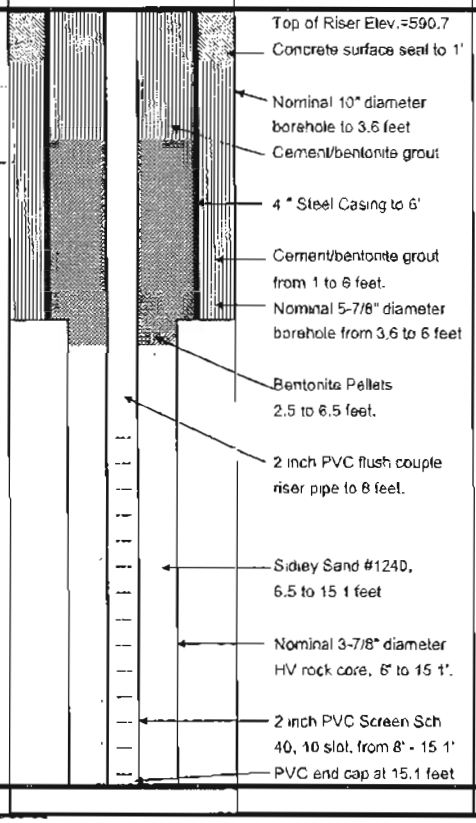
BORING No MW-12
SHEET 1 OF 1
FILE No 55039.2
CHECKED BY GJK

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: GMCH Lockport
Location: Lockport, NY
Project No: 36795

Helium

	Sample ID	Location	Sample Start Date	Lab	Canister No	Canister Size	Canister Type	Canister Pressure (in Hg) Initial	Canister Pressure (in Hg) Final	Flow Controller No	Flow Controller Type	Flow Rate (±5%)			Vacuum Test Pass	Vacuum Test Fail	Leak Tracer Test Length (Min)	Leak Tracer Test MAX Reading	Sample Start Time	Sample Stop Time
B-VI-1IA	011811-0747	Bldg B	1/18/11	TA	12880	6L	Summa	-29.0	-4.5	K313					X		N	A	0747	1245
B-VI-1SS	011811-0748				0178			-28.0	-3.0	K298					N	A	4	5,700 ppm	0748	1623
B-VI-2IA	011811-0726				12478			-28.5	-2.5	K421					X		N	A	0726	1600
B-VI-2SS	011811-0728				6590			-27.5	-1.0	K095					N	A	4	1%	0728	1600
B-VI-3IA	011811-0735				1367			-30.0	-4.5	K183					X		N	A	0735	1556
B-VI-3SS	011811-0736				4190			-28.5	-3.0	K267					N	A	3	1,000 ppm	0736	1556
B-VI-4IA	011811-0739				1574			-30.0	-3.5	K329					X		N	A	0739	1607
B-VI-4SS	011811-0738				04179			-28.0	-2.0	K490					N	A	3	8,100 ppm	0738	1607
B-VI-5IA	011811-0742				12626			-29.5	-3.5	K214					X		N	A	0742	1612
B-VI-5SS	011811-0743				6647			-28.0	-9.0	K986					N	A	3	6,100 ppm	0743	1651
B-VI-OUT	011811-0735				1318N			-27.5	-4.0	K256					X		N	A	0735	1528
B-VI-DUP	011811-0838				1518			-29.0	-4.5	K230					X		N	A	0838	1623

Climate

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

Notes

APPENDIX F

Quality Assessment and Validation Reports

CONESTOGA-ROVERS & ASSOCIATES

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

REF. NO.: 058507-256005

FROM: Kathleen Willy/bjw/29

DATE: March 22, 2011

E-Mail and Hard Copy if Requested

RE: Data Quality Assessment and Validation
BCP Investigations, Building 8 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 8 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 value for 1,2,4-trichlorobenzene, indicating non-linearity of the calibration curve. A summary of the qualified sample results is presented in Table 4.

CONTINUING CALIBRATION – VOCs

To ensure that each instrument was capable of producing acceptable quantitative data over the analysis period, continuing calibration standards must be analyzed every 24 hours. The following criteria are employed to evaluate the continuing calibration data:

i) GC/MS (all compounds) – must meet a minimum mean RRF of 0.05.

ii) GC/MS (all compounds) – the percent difference (%D) between the mean initial calibration RRF and the continuing calibration RRF must not exceed 30 percent.

iii) GC/MS (compounds determined by quadratic curve) – the percent drift between the true value and the continuing calibration value must not exceed 30 percent.

Calibration standards were analyzed at the required frequency and the results met the above criteria for instrument sensitivity. Carbon tetrachloride and 1,3,5-trimethylbenzene exhibited a high %D or drift. All associated results were qualified as estimated to reflect the implied variability. A summary of the qualified data is presented in Table 5.

METHOD BLANK SAMPLES

Method blank samples are prepared from a purified sample matrix and are processed concurrently with investigative samples to assess the presence and the magnitude of sample contamination introduced during sample analysis. Method blank samples are analyzed at a minimum frequency of one per analytical batch and target analytes should be non-detect.

Method blanks were analyzed at the recommended frequency and the results were non-detect for all analytes of interest.

LABORATORY CONTROL SAMPLE (LCS)

The LCS analysis serves as a monitor of the overall performance in all steps of the sample analysis and are analyzed with each sample batch. The LCS percent recoveries were evaluated against method and laboratory established control limits.

All LCS recoveries were within acceptable limits indicating acceptable analytical accuracy with the exception of a high recovery of 1,3,5-trimethylbenzene. Associated positive sample results were qualified as estimated to reflect the implied high bias. Sample results that were non-detect would not have been impacted. A summary of the qualified data is presented in Table 6.

INTERNAL STANDARD (IS) SUMMARIES – ORGANIC ANALYSES

To correct for variability in the GC/MS response and sensitivity, IS compounds are added to all samples. All results are calculated as a ratio of the compound and associated IS response. Overall instrument stability and performance for VOC and SVOC analyses were monitored using IS peak area and retention time (RT) data. The IS peak areas and RTs of the samples are required to meet the following criteria:

i) IS area counts must be within -60 percent to +140 percent from the associated continuing calibration standard IS area counts.

ii) The RT of the IS must not vary by more than plus or minus 30 seconds from the associated continuing calibration standard.

A review of the internal standard data showed that the IS area counts and retention time data were within the acceptance criteria.

TARGET COMPOUND IDENTIFICATION

To minimize erroneous compound identification during organic analyses, qualitative criteria including compound retention time and mass spectra (if applicable) were evaluated according to identification criteria established by the methods. The organic compounds reported adhered to the specified identification criteria.

TARGET COMPOUND QUANTITATION

The reported quantitation results and detection limits were checked to ensure results reported were accurate. No discrepancies were found between the raw data and the sample results reported by the laboratory.

FIELD QUALITY ASSURANCE/QUALITY CONTROL (QA/QC)

The field QA/QC consisted of one field duplicate pair.

Overall precision for the sampling event and laboratory procedures was monitored using the results of the field duplicate sample sets. The RPDs associated with these duplicate samples must be less than 50 percent. If the reported concentration in either the investigative sample or its duplicate is less than five times the RL, the evaluation criteria is one times the RL value.

All field duplicate results were acceptable indicating good field and analytical precision.

SYSTEM PERFORMANCE

System performance between various quality control checks was evaluated to monitor for changes that may have caused the degradation of data quality. No technical problems or chromatographic anomalies were observed which would require qualification of the data.

OVERALL ASSESSMENT

The data were found to exhibit acceptable levels of accuracy and precision, based on the provided information, and may be used with the qualifications and exceptions noted within.

TABLE 1

SAMPLE COLLECTION AND ANALYSIS SUMMARY
BCP INVESTIGATIONS, BUILDING 8 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*
8-VI-OUT-011811-0735	8-VI-OUT	01/18/11	7:35	Outdoor Air	X	
8-VI-1IA-011811-0747	8-VI-1IA	01/18/11	7:47	Indoor Air	X	
8-VI-DUP-011811-0838	8-VI-DUP	01/18/11	8:38	Indoor Air	X	VI-1IA-011811-0747
8-VI-1SS-011811-0748	8-VI-1SS	01/18/11	7:48	Sub slab	X	
8-VI-2IA-011811-0726	8-VI-2IA	01/18/11	7:26	Indoor Air	X	
8-VI-2SS-011811-0728	8-VI-2SS	01/18/11	7:28	Sub slab	X	
8-VI-3IA-011811-0735	8-VI-3IA	01/18/11	7:35	Indoor Air	X	
8-VI-3SS-011811-0736	8-VI-3SS	01/18/11	7:36	Sub slab	X	
8-VI-4IA-011811-0739	8-VI-4IA	01/18/11	7:39	Indoor Air	X	
8-VI-4SS-011811-0738	8-VI-4SS	01/18/11	7:38	Sub slab	X	
8-VI-5IA-011811-0742	8-VI-5IA	01/18/11	7:42	Indoor Air	X	
8-VI-5SS-011811-0743	8-VI-5SS	01/18/11	7:43	Sub slab	X	

Notes:

TO-15 Toxic Organic Compounds in Air.

TABLE 2

SUMMARY OF ANALYTICAL METHODS
BCP INVESTIGATIONS, BUILDING 8 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 8 AIR
GM-LOCKPORT
LOCKPORT, NEW YORK
JANUARY 2011

Sample Location:	*8-VI-1IA*	*8-VI-1IA*	*8-VI-1IA*	*8-VI-1IA*	*8-VI-1SS*
Sample ID:	*8-VI-1IA-011811-0747*	*8-VI-1IA-011811-0747*	*8-VI-DUP-011811-0838*	*8-VI-DUP-011811-0838*	*8-VI-1SS-011811-0748*
Sample Date:	*1/18/2011*	*1/18/2011*	*1/18/2011*	*1/18/2011*	*1/18/2011*
Result Unit:	*ppbv*	*ug/m3*	*ppbv*	*ug/m3*	*ppbv*
Volatile Organic Compounds					
1,1,1-Trichloroethane	0.40 U	2.2 U	0.28	1.5	0.16 U
1,1,2,2-Tetrachloroethane	0.40 U	2.7 U	0.16 U	1.1 U	0.16 U
1,1,2-Trichloroethane	0.40 U	2.2 U	0.16 U	0.87 U	0.16 U
1,1-Dichloroethane	0.40 U	1.6 U	0.16 U	0.65 U	0.16 U
1,1-Dichloroethene	0.40 U	1.6 U	0.16 U	0.63 U	0.16 U
1,2,4-Trichlorobenzene	0.40 UJ	3.0 UJ	0.16 U	1.2 U	0.16 U
1,2,4-Trimethylbenzene	0.40 U	2.0 U	1.0	5.1	1.0
1,2-Dibromoethane (Ethylene dibromide)	0.40 U	3.1 U	0.16 U	1.2 U	0.16 U
1,2-Dichlorobenzene	0.40 U	2.4 U	0.16 U	0.96 U	0.16 U
1,2-Dichloroethane	0.40 U	1.6 U	0.16 U	0.65 U	0.16 U
1,2-Dichloropropane	0.40 U	1.8 U	0.16 U	0.74 U	0.16 U
1,2-Dichlorotetrafluoroethane (CFC 114)	0.40 U	2.8 U	0.16 U	1.1 U	0.16 U
1,3,5-Trimethylbenzene	0.40 U	2.0 U	0.51 J	2.5 J	0.52 J
1,3-Dichlorobenzene	0.40 U	2.4 U	0.16 U	0.96 U	0.16 U
1,4-Dichlorobenzene	0.40 U	2.4 U	1.9	12	1.5
1,4-Dioxane	1.0 U	3.6 U	0.40 U	1.4 U	0.40 U
2,2,4-Trimethylpentane	1.0 U	4.7 U	0.99	4.6	5.6
2-Butanone (Methyl ethyl ketone) (MEK)	51	150	29	84	31
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	6.6	27	4.9	20	5.3
Benzene	0.65	2.1	0.63	2.0	1.5
Benzyl chloride	0.80 U	4.1 U	0.32 U	1.7 U	0.32 U
Bromodichloromethane	0.40 U	2.7 U	0.16 U	1.1 U	0.16 U
Bromoform	0.40 U	4.1 U	0.16 U	1.7 U	0.16 U
Bromomethane (Methyl bromide)	0.40 U	1.6 U	0.16 U	0.62 U	0.16 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
BCP INVESTIGATIONS, BUILDING 8 AIR
GM-LOCKPORT
LOCKPORT, NEW YORK
JANUARY 2011

Sample Location:	*8-VI-1IA*	*8-VI-1IA*	*8-VI-1IA*	*8-VI-1IA*	*8-VI-1SS*
Sample ID:	*8-VI-1IA-011811-0747*	*8-VI-1IA-011811-0747*	*8-VI-DUP-011811-0838*	*8-VI-DUP-011811-0838*	*8-VI-1SS-011811-0748*
Sample Date:	*1/18/2011*	*1/18/2011*	*1/18/2011*	*1/18/2011*	*1/18/2011*
Result Unit:	*ppbv*	*ug/m3*	*ppbv*	*ug/m3*	*ppbv*
Volatile Organic Compounds (Cont'd.)					
Carbon tetrachloride	0.20 UJ	1.3 UJ	0.095	0.60	0.080 U
Chlorobenzene	0.40 U	1.8 U	0.16 U	0.74 U	0.16 U
Chloroethane	0.40 U	1.1 U	0.16 U	0.42 U	0.16 U
Chloroform (Trichloromethane)	0.40 U	2.0 U	0.16 U	0.78 U	0.16 U
Chloromethane (Methyl chloride)	1.0 U	2.1 U	0.71	1.5	0.44
cis-1,2-Dichloroethene	0.56	2.2	0.54	2.1	0.16 U
cis-1,3-Dichloropropene	0.40 U	1.8 U	0.16 U	0.73 U	0.16 U
Cyclohexane	1.0 U	3.4 U	0.40 U	1.4 U	1.3
Dibromochloromethane	0.40 U	3.4 U	0.16 U	1.4 U	0.16 U
Dichlorodifluoromethane (CFC-12)	0.89	4.4	0.91	4.5	0.66
Ethanol	18	33	27	50	11
Ethylbenzene	5.9	26	6.6	29	7.7
Hexachlorobutadiene	0.40 U	4.3 U	0.16 U	1.7 U	0.16 U
Hexane	1.0 U	3.5 U	0.63	2.2	2.9
m&p-Xylenes	18	78	21	90	25
Methyl tert butyl ether (MTBE)	0.80 U	2.9 U	0.32 U	1.2 U	0.32 U
Methylene chloride	1.0 U	3.5 U	0.42	1.5	0.40 U
o-Xylene	2.7	12	4.0	17	4.3
Styrene	0.40 U	1.7 U	0.99	4.2	0.88
tert-Butyl alcohol	12	38	8.2	25	7.8
Tetrachloroethene	1.3	8.9	1.4	9.6	1.9
Toluene	4.2	16	5.5	21	7.1
trans-1,2-Dichloroethene	0.40 U	1.6 U	0.16 U	0.63 U	0.16 U
trans-1,3-Dichloropropene	0.40 U	1.8 U	0.16 U	0.73 U	0.16 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
BCP INVESTIGATIONS, BUILDING 8 AIR
GM-LOCKPORT
LOCKPORT, NEW YORK
JANUARY 2011

	Sample Location:	*8-VI-1IA*	*8-VI-1IA*	*8-VI-1IA*	*8-VI-1IA*	*8-VI-1SS*
	Sample ID:	*8-VI-1IA-011811-0747*	*8-VI-1IA-011811-0747*	*8-VI-DUP-011811-0838*	*8-VI-DUP-011811-0838*	*8-VI-1SS-011811-0748*
	Sample Date:	*1/18/2011*	*1/18/2011*	*1/18/2011*	*1/18/2011*	*1/18/2011*
	Result Unit:	*ppbv*	*ug/m3*	*ppbv*	*ug/m3*	*ppbv*
Volatile Organic Compounds (Cont'd.)						
Trichloroethene		2.0	11	2.0	11	1.1
Trichlorofluoromethane (CFC-11)		0.66	3.7	0.65	3.6	0.32
Trifluorotrichloroethane (Freon 113)		0.40 U	3.1 U	0.19	1.5	1.2
Vinyl chloride		0.40 U	1.0 U	0.16 U	0.41 U	0.16 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
BCP INVESTIGATIONS, BUILDING 8 AIR
GM-LOCKPORT
LOCKPORT, NEW YORK
JANUARY 2011

Sample Location:	*8-VI-1IA*	*8-VI-1SS*	*8-VI-2IA*	*8-VI-2IA*	*8-VI-2SS*
Sample ID:	*8-VI-1IA-011811-0747*	*8-VI-1SS-011811-0748*	*8-VI-2IA-011811-0726*	*8-VI-2IA-011811-0726*	*8-VI-2SS-011811-0728*
Sample Date:	*1/18/2011*	*1/18/2011*	*1/18/2011*	*1/18/2011*	*1/18/2011*
Result Unit:	*ppbv*	*ug/m3*	*ppbv*	*ug/m3*	*ppbv*
Volatile Organic Compounds					
1,1,1-Trichloroethane	0.40 U	0.87 U	0.16 U	0.87 U	0.40 U
1,1,2,2-Tetrachloroethane	0.40 U	1.1 U	0.16 U	1.1 U	0.40 U
1,1,2-Trichloroethane	0.40 U	0.87 U	0.16 U	0.87 U	0.40 U
1,1-Dichloroethane	0.40 U	0.65 U	0.16 U	0.65 U	0.40 U
1,1-Dichloroethene	0.40 U	0.63 U	0.16 U	0.63 U	0.40 U
1,2,4-Trichlorobenzene	0.40 UJ	1.2 U	0.16 U	1.2 U	0.40 U
1,2,4-Trimethylbenzene	0.40 U	5.1	0.20	0.97	0.40 U
1,2-Dibromoethane (Ethylene dibromide)	0.40 U	1.2 U	0.16 U	1.2 U	0.40 U
1,2-Dichlorobenzene	0.40 U	0.96 U	0.16 U	0.96 U	0.40 U
1,2-Dichloroethane	0.40 U	0.65 U	0.16 U	0.65 U	0.40 U
1,2-Dichloropropane	0.40 U	0.74 U	0.16 U	0.74 U	0.40 U
1,2-Dichlorotetrafluoroethane (CFC 114)	0.40 U	1.1 U	0.16 U	1.1 U	0.40 U
1,3,5-Trimethylbenzene	0.40 U	2.5 J	0.16 UJ	0.79 UJ	0.40 UJ
1,3-Dichlorobenzene	0.40 U	0.96 U	0.16 U	0.96 U	0.40 U
1,4-Dichlorobenzene	0.40 U	8.8	0.16 U	0.96 U	0.48
1,4-Dioxane	1.0 U	1.4 U	0.40 U	1.4 U	1.0 U
2,2,4-Trimethylpentane	1.0 U	26	0.65	3.0	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	51	91	14	41	2.9
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	6.6	22	2.2	9.0	1.0 U
Benzene	0.65	4.8	0.43	1.4	0.40 U
Benzyl chloride	0.80 U	1.7 U	0.32 U	1.7 U	0.80 U
Bromodichloromethane	0.40 U	1.1 U	0.16 U	1.1 U	0.40 U
Bromoform	0.40 U	1.7 U	0.16 U	1.7 U	0.40 U
Bromomethane (Methyl bromide)	0.40 U	0.62 U	0.16 U	0.62 U	0.40 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
BCP INVESTIGATIONS, BUILDING 8 AIR
GM-LOCKPORT
LOCKPORT, NEW YORK
JANUARY 2011

	Sample Location:	*8-VI-1IA*	*8-VI-1SS*	*8-VI-2IA*	*8-VI-2IA*	*8-VI-2SS*
	Sample ID:	*8-VI-1IA-011811-0747*	*8-VI-1SS-011811-0748*	*8-VI-2IA-011811-0726*	*8-VI-2IA-011811-0726*	*8-VI-2SS-011811-0728*
	Sample Date:	*1/18/2011*	*1/18/2011*	*1/18/2011*	*1/18/2011*	*1/18/2011*
	Result Unit:	*ppbv*	*ug/m3*	*ppbv*	*ug/m3*	*ppbv*
Volatile Organic Compounds (Cont'd.)						
Carbon tetrachloride		0.20 UJ	0.50 U	0.086	0.54	0.20 U
Chlorobenzene		0.40 U	0.74 U	0.16 U	0.74 U	0.40 U
Chloroethane		0.40 U	0.42 U	0.16 U	0.42 U	0.40 U
Chloroform (Trichloromethane)		0.40 U	0.78 U	0.16 U	0.78 U	0.40 U
Chloromethane (Methyl chloride)		1.0 U	0.91	0.70	1.4	1.0 U
cis-1,2-Dichloroethene		0.56	0.63 U	0.39	1.5	49
cis-1,3-Dichloropropene		0.40 U	0.73 U	0.16 U	0.73 U	0.40 U
Cyclohexane		1.0 U	4.5	0.40 U	1.4 U	1.0 U
Dibromochloromethane		0.40 U	1.4 U	0.16 U	1.4 U	0.40 U
Dichlorodifluoromethane (CFC-12)		0.89	3.3	0.62	3.1	0.71
Ethanol		18	21	14	26	24
Ethylbenzene		5.9	33	2.8	12	1.2
Hexachlorobutadiene		0.40 U	1.7 U	0.16 U	1.7 U	0.40 U
Hexane		1.0 U	10	0.58	2.0	1.0 U
m&p-Xylenes		18	110	7.9	35	4.0
Methyl tert butyl ether (MTBE)		0.80 U	1.2 U	0.32 U	1.2 U	0.80 U
Methylene chloride		1.0 U	1.4 U	0.75	2.6	1.0 U
o-Xylene		2.7	19	1.3	5.5	0.86
Styrene		0.40 U	3.8	0.18	0.78	0.40 U
tert-Butyl alcohol		12	24	3.9	12	1.6 U
Tetrachloroethene		1.3	13	0.73	5.0	5.2
Toluene		4.2	27	2.4	9.0	1.5
trans-1,2-Dichloroethene		0.40 U	0.63 U	0.16 U	0.63 U	0.40 U
trans-1,3-Dichloropropene		0.40 U	0.73 U	0.16 U	0.73 U	0.40 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
BCP INVESTIGATIONS, BUILDING 8 AIR
GM-LOCKPORT
LOCKPORT, NEW YORK
JANUARY 2011

	Sample Location:	*8-VI-1IA*	*8-VI-1SS*	*8-VI-2IA*	*8-VI-2IA*	*8-VI-2SS*
	Sample ID:	*8-VI-1IA-011811-0747*	*8-VI-1SS-011811-0748*	*8-VI-2IA-011811-0726*	*8-VI-2IA-011811-0726*	*8-VI-2SS-011811-0728*
	Sample Date:	*1/18/2011*	*1/18/2011*	*1/18/2011*	*1/18/2011*	*1/18/2011*
	Result Unit:	*ppbv*	*ug/m3*	*ppbv*	*ug/m3*	*ppbv*
Volatile Organic Compounds (Cont'd.)						
Trichloroethene		2.0	5.7	1.3	7.0	34
Trichlorofluoromethane (CFC-11)		0.66	1.8	0.31	1.8	0.40 U
Trifluorotrichloroethane (Freon 113)		0.40 U	9.4	0.16 U	1.2 U	19
Vinyl chloride		0.40 U	0.41 U	0.16 U	0.41 U	0.75

TABLE 3

ANALYTICAL RESULTS SUMMARY
BCP INVESTIGATIONS, BUILDING 8 AIR
GM-LOCKPORT
LOCKPORT, NEW YORK
JANUARY 2011

Sample Location:	*8-VI-1IA*	*8-VI-2SS*	*8-VI-3IA*	*8-VI-3IA*	*8-VI-3SS*
Sample ID:	*8-VI-1IA-011811-0747*	*8-VI-2SS-011811-0728*	*8-VI-3IA-011811-0735*	*8-VI-3IA-011811-0735*	*8-VI-3SS-011811-0736*
Sample Date:	*1/18/2011*	*1/18/2011*	*1/18/2011*	*1/18/2011*	*1/18/2011*
Result Unit:	*ppbv*	*ug/m3*	*ppbv*	*ug/m3*	*ppbv*
Volatile Organic Compounds					
1,1,1-Trichloroethane	0.40 U	2.2 U	0.16 U	0.87 U	0.080 U
1,1,2,2-Tetrachloroethane	0.40 U	2.7 U	0.16 U	1.1 U	0.080 U
1,1,2-Trichloroethane	0.40 U	2.2 U	0.16 U	0.87 U	0.080 U
1,1-Dichloroethane	0.40 U	1.6 U	0.16 U	0.65 U	0.080 U
1,1-Dichloroethene	0.40 U	1.6 U	0.16 U	0.63 U	0.080 U
1,2,4-Trichlorobenzene	0.40 UJ	3.0 U	0.16 U	1.2 U	0.080 U
1,2,4-Trimethylbenzene	0.40 U	2.0 U	0.42	2.1	0.31
1,2-Dibromoethane (Ethylene dibromide)	0.40 U	3.1 U	0.16 U	1.2 U	0.080 U
1,2-Dichlorobenzene	0.40 U	2.4 U	0.16 U	0.96 U	0.080 U
1,2-Dichloroethane	0.40 U	1.6 U	0.16 U	0.65 U	0.080 U
1,2-Dichloropropane	0.40 U	1.8 U	0.16 U	0.74 U	0.080 U
1,2-Dichlorotetrafluoroethane (CFC 114)	0.40 U	2.8 U	0.16 U	1.1 U	0.080 U
1,3,5-Trimethylbenzene	0.40 U	2.0 UJ	0.21 J	1.0 J	0.13 J
1,3-Dichlorobenzene	0.40 U	2.4 U	0.16 U	0.96 U	0.080 U
1,4-Dichlorobenzene	0.40 U	2.9	0.29	1.8	0.30
1,4-Dioxane	1.0 U	3.6 U	0.40 U	1.4 U	0.20 U
2,2,4-Trimethylpentane	1.0 U	4.7 U	0.59	2.8	0.20 U
2-Butanone (Methyl ethyl ketone) (MEK)	51	8.5	15	44	1.2
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	6.6	4.1 U	1.9	8.0	0.22
Benzene	0.65	1.3 U	0.49	1.6	0.52
Benzyl chloride	0.80 U	4.1 U	0.32 U	1.7 U	0.16 U
Bromodichloromethane	0.40 U	2.7 U	0.16 U	1.1 U	0.080 U
Bromoform	0.40 U	4.1 U	0.16 U	1.7 U	0.080 U
Bromomethane (Methyl bromide)	0.40 U	1.6 U	0.16 U	0.62 U	0.080 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
BCP INVESTIGATIONS, BUILDING 8 AIR
GM-LOCKPORT
LOCKPORT, NEW YORK
JANUARY 2011

	Sample Location:	*8-VI-1IA*	*8-VI-2SS*	*8-VI-3IA*	*8-VI-3IA*	*8-VI-3SS*
	Sample ID:	*8-VI-1IA-011811-0747*	*8-VI-2SS-011811-0728*	*8-VI-3IA-011811-0735*	*8-VI-3IA-011811-0735*	*8-VI-3SS-011811-0736*
	Sample Date:	*1/18/2011*	*1/18/2011*	*1/18/2011*	*1/18/2011*	*1/18/2011*
	Result Unit:	*ppbv*	*ug/m3*	*ppbv*	*ug/m3*	*ppbv*
Volatile Organic Compounds (Cont'd.)						
Carbon tetrachloride		0.20 UJ	1.3 U	0.10	0.63	0.091
Chlorobenzene		0.40 U	1.8 U	0.16 U	0.74 U	0.080 U
Chloroethane		0.40 U	1.1 U	0.39	1.0	0.080 U
Chloroform (Trichloromethane)		0.40 U	2.0 U	0.16 U	0.78 U	0.080 U
Chloromethane (Methyl chloride)		1.0 U	2.1 U	0.88	1.8	0.71
cis-1,2-Dichloroethene		0.56	190	0.65	2.6	0.83
cis-1,3-Dichloropropene		0.40 U	1.8 U	0.16 U	0.73 U	0.080 U
Cyclohexane		1.0 U	3.4 U	0.40 U	1.4 U	0.20 U
Dibromochloromethane		0.40 U	3.4 U	0.16 U	1.4 U	0.080 U
Dichlorodifluoromethane (CFC-12)		0.89	3.5	0.67	3.3	0.70
Ethanol		18	45	12	23	12
Ethylbenzene		5.9	5.1	4.8	21	0.63
Hexachlorobutadiene		0.40 U	4.3 U	0.16 U	1.7 U	0.080 U
Hexane		1.0 U	3.5 U	0.47	1.7	0.94
m&p-Xylenes		18	18	16	69	2.2
Methyl tert butyl ether (MTBE)		0.80 U	2.9 U	0.32 U	1.2 U	0.16 U
Methylene chloride		1.0 U	3.5 U	0.40 U	1.4 U	0.80
o-Xylene		2.7	3.7	2.6	11	0.64
Styrene		0.40 U	1.7 U	0.48	2.1	0.13
tert-Butyl alcohol		12	4.9 U	3.1	9.3	0.41
Tetrachloroethene		1.3	35	1.1	7.2	0.18
Toluene		4.2	5.6	3.4	13	4.9
trans-1,2-Dichloroethene		0.40 U	1.6 U	0.16 U	0.63 U	0.080 U
trans-1,3-Dichloropropene		0.40 U	1.8 U	0.16 U	0.73 U	0.080 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
BCP INVESTIGATIONS, BUILDING 8 AIR
GM-LOCKPORT
LOCKPORT, NEW YORK
JANUARY 2011

	Sample Location:	*8-VI-1IA*	*8-VI-2SS*	*8-VI-3IA*	*8-VI-3IA*	*8-VI-3SS*
	Sample ID:	*8-VI-1IA-011811-0747*	*8-VI-2SS-011811-0728*	*8-VI-3IA-011811-0735*	*8-VI-3IA-011811-0735*	*8-VI-3SS-011811-0736*
	Sample Date:	*1/18/2011*	*1/18/2011*	*1/18/2011*	*1/18/2011*	*1/18/2011*
	Result Unit:	*ppbv*	*ug/m3*	*ppbv*	*ug/m3*	*ppbv*
Volatile Organic Compounds (Cont'd.)						
Trichloroethene		2.0	190	2.5	13	3.5
Trichlorofluoromethane (CFC-11)		0.66	2.2 U	0.30	1.7	0.33
Trifluorotrichloroethane (Freon 113)		0.40 U	150	0.16 U	1.2 U	0.15
Vinyl chloride		0.40 U	1.9	0.16 U	0.41 U	0.080 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
BCP INVESTIGATIONS, BUILDING 8 AIR
GM-LOCKPORT
LOCKPORT, NEW YORK
JANUARY 2011

Sample Location:	*8-VI-1IA*	*8-VI-3SS*	*8-VI-4IA*	*8-VI-4IA*	*8-VI-4SS*
Sample ID:	*8-VI-1IA-011811-0747*	*8-VI-3SS-011811-0736*	*8-VI-4IA-011811-0739*	*8-VI-4IA-011811-0739*	*8-VI-4SS-011811-0738*
Sample Date:	*1/18/2011*	*1/18/2011*	*1/18/2011*	*1/18/2011*	*1/18/2011*
Result Unit:	*ppbv*	*ug/m3*	*ppbv*	*ug/m3*	*ppbv*
Volatile Organic Compounds					
1,1,1-Trichloroethane	0.40 U	0.44 U	0.16 U	0.87 U	0.40 U
1,1,2,2-Tetrachloroethane	0.40 U	0.55 U	0.16 U	1.1 U	0.40 U
1,1,2-Trichloroethane	0.40 U	0.44 U	0.16 U	0.87 U	0.40 U
1,1-Dichloroethane	0.40 U	0.32 U	0.16 U	0.65 U	0.40 U
1,1-Dichloroethene	0.40 U	0.32 U	0.16 U	0.63 U	0.40 U
1,2,4-Trichlorobenzene	0.40 UJ	0.59 U	0.16 U	1.2 U	0.40 U
1,2,4-Trimethylbenzene	0.40 U	1.5	1.2	5.8	0.94
1,2-Dibromoethane (Ethylene dibromide)	0.40 U	0.61 U	0.16 U	1.2 U	0.40 U
1,2-Dichlorobenzene	0.40 U	0.48 U	0.16 U	0.96 U	0.40 U
1,2-Dichloroethane	0.40 U	0.32 U	0.16 U	0.65 U	0.40 U
1,2-Dichloropropane	0.40 U	0.37 U	0.16 U	0.74 U	0.40 U
1,2-Dichlorotetrafluoroethane (CFC 114)	0.40 U	0.56 U	0.16 U	1.1 U	0.40 U
1,3,5-Trimethylbenzene	0.40 U	0.62 J	0.54 J	2.7 J	0.40 UJ
1,3-Dichlorobenzene	0.40 U	0.48 U	0.16 U	0.96 U	0.40 U
1,4-Dichlorobenzene	0.40 U	1.8	1.1	6.6	1.7
1,4-Dioxane	1.0 U	0.72 U	0.40 U	1.4 U	1.0 U
2,2,4-Trimethylpentane	1.0 U	0.93 U	1.1	5.2	1.4
2-Butanone (Methyl ethyl ketone) (MEK)	51	3.7	21	63	19
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	6.6	0.92	4.0	17	3.2
Benzene	0.65	1.7	0.67	2.2	2.4
Benzyl chloride	0.80 U	0.83 U	0.32 U	1.7 U	0.80 U
Bromodichloromethane	0.40 U	0.54 U	0.16 U	1.1 U	0.40 U
Bromoform	0.40 U	0.83 U	0.16 U	1.7 U	0.40 U
Bromomethane (Methyl bromide)	0.40 U	0.31 U	0.16 U	0.62 U	0.40 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
BCP INVESTIGATIONS, BUILDING 8 AIR
GM-LOCKPORT
LOCKPORT, NEW YORK
JANUARY 2011

Sample Location:	*8-VI-1IA*	*8-VI-3SS*	*8-VI-4IA*	*8-VI-4IA*	*8-VI-4SS*
Sample ID:	*8-VI-1IA-011811-0747*	*8-VI-3SS-011811-0736*	*8-VI-4IA-011811-0739*	*8-VI-4IA-011811-0739*	*8-VI-4SS-011811-0738*
Sample Date:	*1/18/2011*	*1/18/2011*	*1/18/2011*	*1/18/2011*	*1/18/2011*
Result Unit:	*ppbv*	*ug/m3*	*ppbv*	*ug/m3*	*ppbv*
Volatile Organic Compounds (Cont'd.)					
Carbon tetrachloride	0.20 UJ	0.57	0.10	0.63	0.20 U
Chlorobenzene	0.40 U	0.37 U	0.16 U	0.74 U	0.40 U
Chloroethane	0.40 U	0.21 U	0.16 U	0.42 U	0.40 U
Chloroform (Trichloromethane)	0.40 U	0.39 U	0.16 U	0.78 U	0.85
Chloromethane (Methyl chloride)	1.0 U	1.5	0.81	1.7	1.0 U
cis-1,2-Dichloroethene	0.56	3.3	0.93	3.7	1.7
cis-1,3-Dichloropropene	0.40 U	0.36 U	0.16 U	0.73 U	0.40 U
Cyclohexane	1.0 U	0.69 U	0.40 U	1.4 U	2.7
Dibromochloromethane	0.40 U	0.68 U	0.16 U	1.4 U	0.40 U
Dichlorodifluoromethane (CFC-12)	0.89	3.5	0.72	3.5	0.67
Ethanol	18	22	23	43	57
Ethylbenzene	5.9	2.7	6.1	27	4.5
Hexachlorobutadiene	0.40 U	0.85 U	0.16 U	1.7 U	0.40 U
Hexane	1.0 U	3.3	0.79	2.8	9.1
m&p-Xylenes	18	9.8	20	86	16
Methyl tert butyl ether (MTBE)	0.80 U	0.58 U	0.32 U	1.2 U	0.80 U
Methylene chloride	1.0 U	2.8	0.99	3.4	1.0 U
o-Xylene	2.7	2.8	3.7	16	3.6
Styrene	0.40 U	0.56	0.77	3.3	0.71
tert-Butyl alcohol	12	1.3	6.6	20	15
Tetrachloroethene	1.3	1.2	1.3	8.7	1.6
Toluene	4.2	18	5.2	20	32
trans-1,2-Dichloroethene	0.40 U	0.32 U	0.16 U	0.63 U	0.52
trans-1,3-Dichloropropene	0.40 U	0.36 U	0.16 U	0.73 U	0.40 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
BCP INVESTIGATIONS, BUILDING 8 AIR
GM-LOCKPORT
LOCKPORT, NEW YORK
JANUARY 2011

	Sample Location:	*8-VI-1IA*	*8-VI-3SS*	*8-VI-4IA*	*8-VI-4IA*	*8-VI-4SS*
	Sample ID:	*8-VI-1IA-011811-0747*	*8-VI-3SS-011811-0736*	*8-VI-4IA-011811-0739*	*8-VI-4IA-011811-0739*	*8-VI-4SS-011811-0738*
	Sample Date:	*1/18/2011*	*1/18/2011*	*1/18/2011*	*1/18/2011*	*1/18/2011*
	Result Unit:	*ppbv*	*ug/m3*	*ppbv*	*ug/m3*	*ppbv*
Volatile Organic Compounds (Cont'd.)						
Trichloroethene		2.0	19	2.9	16	8.3
Trichlorofluoromethane (CFC-11)		0.66	1.8	0.36	2.0	0.69
Trifluorotrichloroethane (Freon 113)		0.40 U	1.2	0.22	1.7	2.3
Vinyl chloride		0.40 U	0.20 U	0.16 U	0.41 U	0.40 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
BCP INVESTIGATIONS, BUILDING 8 AIR
GM-LOCKPORT
LOCKPORT, NEW YORK
JANUARY 2011

Sample Location:	*8-VI-1IA*	*8-VI-4SS*	*8-VI-5IA*	*8-VI-5IA*	*8-VI-5SS*
Sample ID:	*8-VI-1IA-011811-0747*	*8-VI-4SS-011811-0738*	*8-VI-5IA-011811-0742*	*8-VI-5IA-011811-0742*	*8-VI-5SS-011811-0743*
Sample Date:	*1/18/2011*	*1/18/2011*	*1/18/2011*	*1/18/2011*	*1/18/2011*
Result Unit:	*ppbv*	*ug/m3*	*ppbv*	*ug/m3*	*ppbv*
Volatile Organic Compounds					
1,1,1-Trichloroethane	0.40 U	2.2 U	0.80 U	4.4 U	3000 U
1,1,2,2-Tetrachloroethane	0.40 U	2.7 U	0.80 U	5.5 U	3000 U
1,1,2-Trichloroethane	0.40 U	2.2 U	0.80 U	4.4 U	3000 U
1,1-Dichloroethane	0.40 U	1.6 U	0.80 U	3.2 U	3000 U
1,1-Dichloroethene	0.40 U	1.6 U	0.80 U	3.2 U	3000 U
1,2,4-Trichlorobenzene	0.40 UJ	3.0 U	0.80 U	5.9 U	3000 U
1,2,4-Trimethylbenzene	0.40 U	4.6	0.80 U	3.9 U	3000 U
1,2-Dibromoethane (Ethylene dibromide)	0.40 U	3.1 U	0.80 U	6.1 U	3000 U
1,2-Dichlorobenzene	0.40 U	2.4 U	0.80 U	4.8 U	3000 U
1,2-Dichloroethane	0.40 U	1.6 U	0.80 U	3.2 U	3000 U
1,2-Dichloropropane	0.40 U	1.8 U	0.80 U	3.7 U	3000 U
1,2-Dichlorotetrafluoroethane (CFC 114)	0.40 U	2.8 U	0.80 U	5.6 U	3000 U
1,3,5-Trimethylbenzene	0.40 U	2.0 UJ	0.80 UJ	3.9 UJ	3000 UJ
1,3-Dichlorobenzene	0.40 U	2.4 U	0.80 U	4.8 U	3000 U
1,4-Dichlorobenzene	0.40 U	11	0.80 U	4.8 U	3000 U
1,4-Dioxane	1.0 U	3.6 U	2.0 U	7.2 U	7400 U
2,2,4-Trimethylpentane	1.0 U	6.4	2.0 U	9.3 U	7400 U
2-Butanone (Methyl ethyl ketone) (MEK)	51	57	34	100	12000 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	6.6	13	4.7	19	7400 U
Benzene	0.65	7.5	0.80 U	2.6 U	3000 U
Benzyl chloride	0.80 U	4.1 U	1.6 U	8.3 U	5900 U
Bromodichloromethane	0.40 U	2.7 U	0.80 U	5.4 U	3000 U
Bromoform	0.40 U	4.1 U	0.80 U	8.3 U	3000 U
Bromomethane (Methyl bromide)	0.40 U	1.6 U	0.80 U	3.1 U	3000 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
BCP INVESTIGATIONS, BUILDING 8 AIR
GM-LOCKPORT
LOCKPORT, NEW YORK
JANUARY 2011

Sample Location:	*8-VI-1IA*	*8-VI-4SS*	*8-VI-5IA*	*8-VI-5IA*	*8-VI-5SS*
Sample ID:	*8-VI-1IA-011811-0747*	*8-VI-4SS-011811-0738*	*8-VI-5IA-011811-0742*	*8-VI-5IA-011811-0742*	*8-VI-5SS-011811-0743*
Sample Date:	*1/18/2011*	*1/18/2011*	*1/18/2011*	*1/18/2011*	*1/18/2011*
Result Unit:	*ppbv*	*ug/m3*	*ppbv*	*ug/m3*	*ppbv*
Volatile Organic Compounds (Cont'd.)					
Carbon tetrachloride	0.20 UJ	1.3 U	0.40 U	2.5 U	1500 U
Chlorobenzene	0.40 U	1.8 U	0.80 U	3.7 U	3000 U
Chloroethane	0.40 U	1.1 U	0.80 U	2.1 U	3000 U
Chloroform (Trichloromethane)	0.40 U	4.2	0.80 U	3.9 U	3000 U
Chloromethane (Methyl chloride)	1.0 U	2.1 U	2.0 U	4.1 U	7400 U
cis-1,2-Dichloroethene	0.56	6.7	0.83	3.3	210000
cis-1,3-Dichloropropene	0.40 U	1.8 U	0.80 U	3.6 U	3000 U
Cyclohexane	1.0 U	9.2	2.0 U	6.9 U	7400 U
Dibromochloromethane	0.40 U	3.4 U	0.80 U	6.8 U	3000 U
Dichlorodifluoromethane (CFC-12)	0.89	3.3	0.80 U	4.0 U	3000 U
Ethanol	18	110	20	38	30000 U
Ethylbenzene	5.9	20	5.2	23	3000 U
Hexachlorobutadiene	0.40 U	4.3 U	0.80 U	8.5 U	3000 U
Hexane	1.0 U	32	2.0 U	7.0 U	7400 U
m&p-Xylenes	18	68	15	66	3000 U
Methyl tert butyl ether (MTBE)	0.80 U	2.9 U	1.6 U	5.8 U	5900 U
Methylene chloride	1.0 U	3.5 U	2.0 U	6.9 U	7400 U
o-Xylene	2.7	16	2.2	9.3	3000 U
Styrene	0.40 U	3.0	0.80 U	3.4 U	3000 U
tert-Butyl alcohol	12	44	9.9	30	12000 U
Tetrachloroethene	1.3	11	1.6	11	3000 U
Toluene	4.2	120	4.0	15	3000 U
trans-1,2-Dichloroethene	0.40 U	2.1	0.80 U	3.2 U	3000 U
trans-1,3-Dichloropropene	0.40 U	1.8 U	0.80 U	3.6 U	3000 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
BCP INVESTIGATIONS, BUILDING 8 AIR
GM-LOCKPORT
LOCKPORT, NEW YORK
JANUARY 2011

	Sample Location:	*8-VI-1IA*	*8-VI-4SS*	*8-VI-5IA*	*8-VI-5IA*	*8-VI-5SS*
	Sample ID:	*8-VI-1IA-011811-0747*	*8-VI-4SS-011811-0738*	*8-VI-5IA-011811-0742*	*8-VI-5IA-011811-0742*	*8-VI-5SS-011811-0743*
	Sample Date:	*1/18/2011*	*1/18/2011*	*1/18/2011*	*1/18/2011*	*1/18/2011*
	Result Unit:	*ppbv*	*ug/m3*	*ppbv*	*ug/m3*	*ppbv*
Volatile Organic Compounds (Cont'd.)						
Trichloroethene		2.0	45	2.1	11	780000
Trichlorofluoromethane (CFC-11)		0.66	3.9	0.80 U	4.5 U	3000 U
Trifluorotrichloroethane (Freon 113)		0.40 U	18	0.80 U	6.1 U	3000 U
Vinyl chloride		0.40 U	1.0 U	0.80 U	2.0 U	3000 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
BCP INVESTIGATIONS, BUILDING 8 AIR
GM-LOCKPORT
LOCKPORT, NEW YORK
JANUARY 2011

Sample Location:	*8-VI-1IA*	*8-VI-5SS*	*8-VI-OUT*	*8-VI-OUT*
Sample ID:	*8-VI-1IA-011811-0747*	*8-VI-5SS-011811-0743*	*8-VI-OUT-011811-0735*	*8-VI-OUT-011811-0735*
Sample Date:	*1/18/2011*	*1/18/2011*	*1/18/2011*	*1/18/2011*
Result Unit:	*ppbv*	*ug/m3*	*ppbv*	*ug/m3*
Volatile Organic Compounds				
1,1,1-Trichloroethane	0.40 U	16000 U	0.16 U	0.87 U
1,1,2,2-Tetrachloroethane	0.40 U	21000 U	0.16 U	1.1 U
1,1,2-Trichloroethane	0.40 U	16000 U	0.16 U	0.87 U
1,1-Dichloroethane	0.40 U	12000 U	0.16 U	0.65 U
1,1-Dichloroethene	0.40 U	12000 U	0.16 U	0.63 U
1,2,4-Trichlorobenzene	0.40 UJ	22000 U	0.16 U	1.2 U
1,2,4-Trimethylbenzene	0.40 U	15000 U	0.16 U	0.79 U
1,2-Dibromoethane (Ethylene dibromide)	0.40 U	23000 U	0.16 U	1.2 U
1,2-Dichlorobenzene	0.40 U	18000 U	0.16 U	0.96 U
1,2-Dichloroethane	0.40 U	12000 U	0.16 U	0.65 U
1,2-Dichloropropane	0.40 U	14000 U	0.16 U	0.74 U
1,2-Dichlorotetrafluoroethane (CFC 114)	0.40 U	21000 U	0.16 U	1.1 U
1,3,5-Trimethylbenzene	0.40 U	15000 UJ	0.16 UJ	0.79 UJ
1,3-Dichlorobenzene	0.40 U	18000 U	0.16 U	0.96 U
1,4-Dichlorobenzene	0.40 U	18000 U	0.16 U	0.96 U
1,4-Dioxane	1.0 U	27000 U	0.40 U	1.4 U
2,2,4-Trimethylpentane	1.0 U	35000 U	0.40 U	1.9 U
2-Butanone (Methyl ethyl ketone) (MEK)	51	35000 U	4.1	12
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	6.6	30000 U	1.3	5.4
Benzene	0.65	9600 U	0.36	1.1
Benzyl chloride	0.80 U	31000 U	0.32 U	1.7 U
Bromodichloromethane	0.40 U	20000 U	0.16 U	1.1 U
Bromoform	0.40 U	31000 U	0.16 U	1.7 U
Bromomethane (Methyl bromide)	0.40 U	12000 U	0.16 U	0.62 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
BCP INVESTIGATIONS, BUILDING 8 AIR
GM-LOCKPORT
LOCKPORT, NEW YORK
JANUARY 2011

Sample Location:	***8-VI-1IA***	***8-VI-5SS***	***8-VI-OUT***	***8-VI-OUT***
Sample ID:	***8-VI-1IA-011811-0747***	***8-VI-5SS-011811-0743***	***8-VI-OUT-011811-0735***	***8-VI-OUT-011811-0735***
Sample Date:	***1/18/2011***	***1/18/2011***	***1/18/2011***	***1/18/2011***
Result Unit:	***ppbv***	***ug/m3***	***ppbv***	***ug/m3***
Volatile Organic Compounds (Cont'd.)				
Carbon tetrachloride	0.20 UJ	9400 U	0.087	0.55
Chlorobenzene	0.40 U	14000 U	0.16 U	0.74 U
Chloroethane	0.40 U	7900 U	0.16 U	0.42 U
Chloroform (Trichloromethane)	0.40 U	15000 U	0.16 U	0.78 U
Chloromethane (Methyl chloride)	1.0 U	15000 U	0.74	1.5
cis-1,2-Dichloroethene	0.56	830000	0.16 U	0.63 U
cis-1,3-Dichloropropene	0.40 U	14000 U	0.16 U	0.73 U
Cyclohexane	1.0 U	25000 U	0.40 U	1.4 U
Dibromochloromethane	0.40 U	26000 U	0.16 U	1.4 U
Dichlorodifluoromethane (CFC-12)	0.89	15000 U	0.62	3.1
Ethanol	18	57000 U	150	280
Ethylbenzene	5.9	13000 U	0.16 U	0.69 U
Hexachlorobutadiene	0.40 U	32000 U	0.16 U	1.7 U
Hexane	1.0 U	26000 U	0.62	2.2
m&p-Xylenes	18	13000 U	0.28	1.2
Methyl tert butyl ether (MTBE)	0.80 U	21000 U	0.32 U	1.2 U
Methylene chloride	1.0 U	26000 U	0.40 U	1.4 U
o-Xylene	2.7	13000 U	0.16 U	0.69 U
Styrene	0.40 U	13000 U	0.22	0.92
tert-Butyl alcohol	12	36000 U	5.1	15
Tetrachloroethene	1.3	20000 U	0.29	2.0
Toluene	4.2	11000 U	7.6	29
trans-1,2-Dichloroethene	0.40 U	12000 U	0.16 U	0.63 U
trans-1,3-Dichloropropene	0.40 U	14000 U	0.16 U	0.73 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
BCP INVESTIGATIONS, BUILDING 8 AIR
GM-LOCKPORT
LOCKPORT, NEW YORK
JANUARY 2011

Sample Location:	***8-VI-1IA***	***8-VI-5SS***	***8-VI-OUT***	***8-VI-OUT***
Sample ID:	***8-VI-1IA-011811-0747***	***8-VI-5SS-011811-0743***	***8-VI-OUT-011811-0735***	***8-VI-OUT-011811-0735***
Sample Date:	***1/18/2011***	***1/18/2011***	***1/18/2011***	***1/18/2011***
Result Unit:	***ppbv***	***ug/m3***	***ppbv***	***ug/m3***
Volatile Organic Compounds (Cont'd.)				
Trichloroethene	2.0	4200000	0.25	1.3
Trichlorofluoromethane (CFC-11)	0.66	17000 U	0.25	1.4
Trifluorotrichloroethane (Freon 113)	0.40 U	23000 U	0.16 U	1.2 U
Vinyl chloride	0.40 U	7700 U	0.16 U	0.41 U

Notes:

J - Estimated.
U - Not present at or above the associated value.
UJ - Not detected, estimated reporting limit.

TABLE 4

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING INITIAL CALIBRATION RESULTS
BCP INVESTIGATIONS, BUILDING 8 AIR
GM-LOCKPORT
LOCKPORT, NEW YORK
JANUARY 2011

Parameter	*Compound*	*Calibration Date*	*RSD*	*Associated Sample ID*	*Qualified Sample Results*	*Units*
VOCs	1,2,4-Trichlorobenzene	12/06/10	36	8-VI-1IA-011811-0747	3.0 UJ	µg/m3

Notes:

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 8 AIR
GM-LOCKPORT
LOCKPORT, NEW YORK
JANUARY 2011

Parameter	*Calibration Date*	*Compound*	*%D*	*Associated Sample ID*	*Qualified Sample Results*	*Units*
VOCs	01/27/11	Carbon tetrachloride	31	8-VI-1IA-011811-0747	1.3 UJ	µg/m3
VOCs	01/28/11	1,3,5-Trimethylbenzene	34	8-VI-1SS-011811-0748	2.5 J	µg/m3
				8-VI-2IA-011811-0726	0.79 UJ	µg/m3
				8-VI-2SS-011811-0728	2.0 UJ	µg/m3
				8-VI-3IA-011811-0735	1.0 J	µg/m3
				8-VI-3SS-011811-0736	0.62 J	µg/m3
				8-VI-4IA-011811-0739	2.7 J	µg/m3
				8-VI-4SS-011811-0738	2.0 UJ	µg/m3
				8-VI-5IA-011811-0742	3.9 UJ	µg/m3
				8-VI-5SS-011811-0743	15000 UJ	µg/m3
				8-VI-DUP-011811-0838	2.5 J	µg/m3
				8-VI-OUT-011811-0735	0.79 UJ	µg/m3

Notes:

J Estimated.
UJ Not detected, estimated reporting limit.
VOCs Volatile Organic Compounds.

TABLE 6

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING LABORATORY CONTROL SAMPLE RESULTS
BCP INVESTIGATIONS, BUILDING 8 AIR
GM-LOCKPORT
LOCKPORT, NEW YORK
JANUARY 2011

Parameter	*Compound*	*Percent Recovery*	*Control Limits (percent)*	*Associated Sample ID*	*Qualified Sample Results*	*Units*
VOCs	1,3,5-Trimethylbenzene	134	70 - 130	8-VI-1SS-011811-0748	2.5 J	µg/m3
				8-VI-3IA-011811-0735	1.0 J	µg/m3
				8-VI-3SS-011811-0736	0.62 J	µg/m3
				8-VI-4IA-011811-0739	2.7 J	µg/m3
				8-VI-DUP-011811-0838	2.5 J	µg/m3

Notes:

J Estimated.
VOCs Volatile Organic Compounds.

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MEMORANDUM

TO: Denis Conley [dconley@haleyaldrich.com]

REF. NO.: 058507-256005

FROM: Kathleen Willy/adh/36 KW

DATE: July 7, 2011

E-Mail and Hard Copy if Requested

RE: Data Quality Assessment and Validation
BCP Investigations, Building 8 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 8 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 a problem.

SURROGATE COMPOUNDS

Individual sample performance for organic analyses was monitored by assessing the results of surrogate compound percent recoveries. Surrogate percent recoveries are reviewed against the laboratory developed control limits provided in the analytical report.

All surrogate recoveries met the method criteria, demonstrating acceptable analytical efficiency for these analyses.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE (MS/MSD) ANALYSES

To assess the long-term accuracy and precision of the analytical methods on various matrices, MS/MSD percent recoveries and relative percent differences (RPD) of the concentrations were determined. The organic MS/MSD percent recovery and RPD control limits are established by the laboratory. The inorganic control limits are defined by the methods and the "Guidelines," which require recoveries between 75 to 125 percent with RPDs less than 35 percent for soil samples.

All recoveries and RPDs were within laboratory acceptance limits for all analytes of interest indicating acceptable analytical accuracy and precision.

LABORATORY CONTROL SAMPLE (LCS)

The LCS analysis serves as a monitor of the overall performance in all steps of the sample analysis and 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 for water.

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 8 GROUNDWATER
GM-LOCKPORT
LOCKPORT, NEW YORK
APRIL 2011

				Analysis/Parameters	
Sample ID	*Location ID*	*Collection Date (mm/dd/yy)*	*Collection Time (hr:min)*	*VOCs*	*Comments*
MW-6-1-042711-0945	MW-6-1	4/27/2011	9:45:00 AM	X	
MW-6-2-042711-1145	MW-6-2	4/27/2011	11:45:00 AM	X	
MW-6-F-8-042711-1320	MW-6-F-8	4/27/2011	1:20:00 PM	X	
MW-8-003-B-042811-1515	MW-8-003-B	4/28/2011	3:15:00 PM	X	
MW-8-1-042911-0915	MW-8-1	4/29/2011	9:15:00 AM	X	
MW-8-2-042911-1130	MW-8-2	4/29/2011	11:30:00 AM	X	
MW-8-3-050211-1245	MW-8-3	5/2/2011	12:45:00 PM	X	
MW-8-4-050211-1330	MW-8-4	5/2/2011	1:30:00 PM	X	
DUP-050211-001	MW-8-3	5/2/2011	12:45:00 PM	X	Field duplicate of sample MW-8-3-050211-1245
BLDG-8-RINSE-042911-1700	Rinse Blank	4/29/2011	5:00:00 PM	X	Rinse Blank
Trip Blank	-	5/2/2011	-	X	Trip Blank

Notes:
VOCs Volatile Organic Compounds.

TABLE 2

SUMMARY OF ANALYTICAL METHODS
BCP INVESTIGATIONS, BUILDING 8 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 8 GROUNDWATER
GM-LOCKPORT, NEW YORK
APRIL 2011

Location ID:		*MW-6-1*	*MW-6-2*	*MW-6-F-8*	*MW-8-1*	*MW-8-2*	*MW-8-3*	*MW-8-3*	*MW-8-003-B*	*MW-8-4*
Sample Name:		*MW-6-1-042711-0945*	*MW-6-2-042711-1145*	*MW-6-F-8-042711-1320*	*MW-8-1-042911-0915*	*MW-8-2-042911-1130*	*DUP-050211-001*	*MW-8-3-050211-1245*	*MW-8-003-B-042811-1515*	*MW-8-4-050211-1330*
Sample Date:		*4/27/2011*	*4/27/2011*	*4/27/2011*	*4/29/2011*	*4/29/2011*	*5/2/2011*	*5/2/2011*	*4/28/2011*	*5/2/2011*
							(Duplicate)			
Volatile Organic Compounds	*Units*									
cis-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	0.86 J	9300	5.0	4.3	190	68
Tetrachloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	40 U	1.9	1.7	300	1.0 U
trans-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	40 U	1.0 U	1.0 U	5.0 U	1.0 U
Trichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	660	9.3	6.0	110	12
Vinyl chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	270	1.0 U	1.0 U	19	17

Notes:
J = Estimated.
U = Not detected.

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MEMORANDUM

TO: Denis Conley

REF. NO.: 058507-256005

FROM: Kathleen Willy/bjw/26

DATE: February 15, 2011

E-Mail and Hard Copy if Requested

RE: Data Quality Assessment and Validation
BCP Investigations, Building 8 Soils
GM-Lockport
Lockport, New York
December 2010 – January 2011

The following details a quality assessment and validation of the analytical data resulting from the December 2010 through January 2011, collection of soil samples from the GM Lockport Plant in Lockport, New York, in support of the BCP Investigations for Building 8. The sample summary detailing sample identification, sample location, quality control (QC) samples, and analytical parameters is presented in Table 1. Sample analysis was completed at TestAmerica, Inc. (TestAmerica), in Pittsburgh, PA, in accordance with the methodologies presented in Table 2. A summary of the validated results can be found in Table 3.

The QC criteria used to assess the data were established by the methods and with following guidance documents:

i) "USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review", United States Environmental Protection Agency (USEPA) 540/R-99/008, October 1999; and

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 linearity and instrument sensitivity.

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 methylene chloride 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 4.

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.

Most MS/MSD recoveries were acceptable with the following exceptions:

i) Some low recoveries were observed, all associated sample results were qualified as estimated.
ii) Some extremely low recoveries were observed (<10 percent), all positive results were qualified as estimated.
iii) Some high recoveries were observed, all associated sample results were qualified as estimated.

A summary of the qualifications is presented in Table 5.

LABORATORY CONTROL SAMPLE (LCS)

The LCS analysis serves as a monitor of the overall performance in all steps of the sample analysis and are analyzed with each sample batch. The LCS percent recoveries were evaluated against method and laboratory established control limits.

All LCS recoveries were within acceptable limits indicating acceptable analytical accuracy.

INTERNAL STANDARD (IS) SUMMARIES – ORGANIC ANALYSES

To correct for variability in the GC/MS response and sensitivity, IS compounds are added to all samples. All results are calculated as a ratio of the compound and associated IS response. Overall instrument stability and performance for VOC and SVOC analyses were monitored using IS peak area and retention time (RT) data. The IS peak areas and RTs of the samples are required to meet the following criteria:

i) IS area counts must not vary by more than a factor of two (-50 percent to +100 percent) from the associated continuing calibration standard IS area counts.

ii) The RT of the IS must not vary by more than plus or minus 30 seconds from the associated continuing calibration standard.

A review of the internal standard data showed that the IS area counts and retention time data were within the acceptance criteria.

ICP ICS ANALYSIS – INORGANIC ANALYSES

To verify that proper inter-element and background correction factors had been established by the laboratory for metals analyses, the ICP ICS are analyzed. The ICSs are evaluated against recovery control limits of 80 to 120 percent.

The ICS analysis results were evaluated for all samples and were within the control limits.

CONTRACT REQUIRED DETECTION LIMIT (CRDL) STANDARD ANALYSES

To verify the linearity of the ICP calibration near the detection limit, a standard is analyzed which contains the ICP analytes at specified concentrations. This standard must be analyzed at the beginning and end of each sample analysis run or a minimum of twice per 8-hour working shift.

Control limits of 80 to 120 percent were used to evaluate the data. All recoveries were acceptable.

ICP SERIAL DILUTION

The serial dilution determines whether significant physical or chemical interferences exist due to sample matrix. A minimum of one per 20 investigative samples is analyzed at a five-fold dilution. For samples with sufficient analyte concentrations, the serial dilution results must agree within 10 percent of the original results.

A serial dilution was performed and the results were acceptable with the exception of some high percent differences for various metals. A summary of the qualified sample results is presented in Table 6.

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 an 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 with the exception of methylene chloride which was 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 7.

Overall precision for the sampling event and laboratory procedures was monitored using the results of the field duplicate sample set as identified in Table 1. The RPDs associated with these duplicate samples must be less than 50 percent for water and 100 percent for soil/sediment. If the reported concentration in either the investigative sample or its duplicate is less than five times the RL, the evaluation criteria is one times the RL value for water or two times for soil/sediment.

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 8 SOILS
GM-LOCKPORT
LOCKPORT, NY
DECEMBER 2010 - JANUARY 2011

						Analysis/Parameters				
Sample ID	*Location ID*	*Collection Date (mm/dd/yy)*	*Collection Time (hr:min)*	*Start Depth (ft bgs)*	*End Depth (ft bgs)*	*VOCs*	*SVOCs*	*PCBs*	*Site Metals*	*Comments*
8-SB-1-122710-1545	8-SB-1	12/27/10	15:45	4	6	X	X	X		
8-SB-2-122710-1600	8-SB-2	12/27/10	16:00	2	4	X				
8-SB-3-122810-0830	8-SB-3	12/28/10	8:30	8	11.5	X	X	X		MS/MSD
8-SB-4-122810-0910	8-SB-4	12/28/10	9:10	10	11	X	X	X		
8-SB-5-122810-0940	8-SB-5	12/28/10	9:40	10	11	X	X	X		
8-SB-12-122810-1100	8-SB-12	12/28/10	11:00	10	12	X	X	X	X	
DUP-122810-0001	8-SB-12	12/28/10	11:00	10	12	X	X	X	X	Field duplicate of sample 8-SB-12-122810-1100
8-SB-11-122810-1140	8-SB-11	12/28/10	11:40	2	4	X	X	X	X	
8-SB-10-122810-1150	8-SB-10	12/28/10	11:50	4	5	X	X	X	X	
8-SB-6-122810-1305	8-SB-6	12/28/10	13:05	2	4				X	
8-SB-7-122810-1315	8-SB-7	12/28/10	13:15	2	4				X	
8-SB-8-122810-1345	8-SB-8	12/28/10	13:45	2	4				X	
8-SB-9-122810-1400	8-SB-9	12/28/10	14:00	2	4				X	
MW-8-3-122710-1330	MW-8-3	12/27/10	13:30	8	10	X				
MW-8-2-122810-1015	MW-8-2	12/28/10	10:15	8	10	X				
EB-122910-0001	QA/QC	12/29/10	8:00	-	-	X	X	X	X	Equipment Blank
MW-8-1-122910-0830	MW-8-1	12/29/10	8:30	8	10	X				
MW-8-4-1-5-11-1330	MW-8-4	01/05/11	13:30	5	7	X				

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

TABLE 2

SUMMARY OF ANALYTICAL METHODS
BCP INVESTIGATIONS, BUILDING 8 SOILS
GM-LOCKPORT
LOCKPORT, NY
DECEMBER 2010 - JANUARY 2011

Parameter	*Method* [1]
VOCs	SW-846 8260B
SVOCs	SW-846 8270C
PCBs	SW-846 8081
Site Metals	SW-846 6010/7000 Series

Notes:

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

VOCS Volatile Organic Compounds.

SVOCs Semivolatile Organic Compounds.

PCBs Polychlorinated Biphenyls.

TABLE 3

ANALYTICAL RESULTS SUMMARY
BCP INVESTIGATIONS, BUILDING 8 SOILS
GM-LOCKPORT
LOCKPORT, NY
DECEMBER 2010 - JANUARY 2011

	Sample Location:	*8-SB-1*	*8-SB-2*	*8-SB-3*	*8-SB-4*	*8-SB-5*
	Sample ID:	*8-SB-1-122710-1545*	*8-SB-2-122710-1600*	*8-SB-3-122810-0830*	*8-SB-4-122810-0910*	*8-SB-5-122810-0940*
	Sample Date:	*12/27/2010*	*12/27/2010*	*12/28/2010*	*12/28/2010*	*12/28/2010*
Parameters	*Units*					
Volatile Organic Compounds						
1,1,1-Trichloroethane	µg/kg	5.6 U	5.6 U	29 U	32 U	30 U
1,1,2,2-Tetrachloroethane	µg/kg	5.6 U	5.6 U	29 U	32 U	30 U
1,1,2-Trichloroethane	µg/kg	5.6 U	5.6 U	29 U	32 U	30 U
1,1-Dichloroethane	µg/kg	5.6 U	5.6 U	29 U	32 U	30 U
1,1-Dichloroethene	µg/kg	5.6 U	5.6 U	29 U	32 U	30 U
1,2,4-Trichlorobenzene	µg/kg	5.6 U	5.6 U	29 U	32 U	30 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	5.6 U	5.6 U	29 U	32 U	30 U
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	5.6 U	5.6 U	29 U	32 U	30 U
1,2-Dichlorobenzene	µg/kg	5.6 U	5.6 U	29 U	32 U	30 U
1,2-Dichloroethane	µg/kg	5.6 U	5.6 U	29 U	32 U	30 U
1,2-Dichloropropane	µg/kg	5.6 U	5.6 U	29 U	32 U	30 U
1,3-Dichlorobenzene	µg/kg	5.6 U	5.6 U	29 U	32 U	30 U
1,4-Dichlorobenzene	µg/kg	5.6 U	5.6 U	29 U	32 U	30 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	5.6 U	5.6 U	29 U	32 U	30 U
2-Hexanone	µg/kg	5.6 U	5.6 U	29 U	32 U	30 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	5.6 U	5.6 U	29 U	32 U	30 U
Acetone	µg/kg	22 U	22 U	110 U	56 J	120 U
Benzene	µg/kg	5.6 U	5.6 U	29 U	32 U	30 U
Bromodichloromethane	µg/kg	5.6 U	5.6 U	29 U	32 U	30 U
Bromoform	µg/kg	5.6 U	5.6 U	29 U	32 U	30 U
Bromomethane (Methyl bromide)	µg/kg	5.6 U	5.6 U	29 U	32 U	30 U
Carbon disulfide	µg/kg	5.6 U	5.6 U	29 U	32 U	30 U
Carbon tetrachloride	µg/kg	5.6 U	5.6 U	29 U	32 U	30 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
BCP INVESTIGATIONS, BUILDING 8 SOILS
GM-LOCKPORT
LOCKPORT, NY
DECEMBER 2010 - JANUARY 2011

	Sample Location:	*8-SB-1*	*8-SB-2*	*8-SB-3*	*8-SB-4*	*8-SB-5*
	Sample ID:	*8-SB-1-122710-1545*	*8-SB-2-122710-1600*	*8-SB-3-122810-0830*	*8-SB-4-122810-0910*	*8-SB-5-122810-0940*
	Sample Date:	*12/27/2010*	*12/27/2010*	*12/28/2010*	*12/28/2010*	*12/28/2010*
Parameters	*Units*					
Volatile Organic Compounds (Cont'd.)						
Chlorobenzene	µg/kg	5.6 U	5.6 U	29 U	32 U	30 U
Chloroethane	µg/kg	5.6 U	5.6 U	29 U	32 U	30 U
Chloroform (Trichloromethane)	µg/kg	5.6 U	5.6 U	29 U	32 U	30 U
Chloromethane (Methyl chloride)	µg/kg	5.6 U	5.6 U	29 U	32 U	30 U
cis-1,2-Dichloroethene	µg/kg	29	5.6 U	400	270	700
cis-1,3-Dichloropropene	µg/kg	5.6 U	5.6 U	29 U	32 U	30 U
Cyclohexane	µg/kg	5.6 U	5.6 U	29 U	32 U	30 U
Dibromochloromethane	µg/kg	5.6 U	5.6 U	29 U	32 U	30 U
Dichlorodifluoromethane (CFC-12)	µg/kg	5.6 U	5.6 U	29 U	32 U	30 U
Ethylbenzene	µg/kg	5.6 U	5.6 U	29 U	32 U	30 U
Isopropyl benzene	µg/kg	5.6 U	5.6 U	29 U	32 U	30 U
Methyl acetate	µg/kg	5.6 U	5.6 U	29 U	32 U	30 U
Methyl cyclohexane	µg/kg	5.6 U	5.6 U	29 U	32 U	30 U
Methyl tert butyl ether (MTBE)	µg/kg	5.6 U	5.6 U	29 U	32 U	30 U
Methylene chloride	µg/kg	5.6 U	1.0 J	29 U	15 J	7.7 J
Styrene	µg/kg	5.6 U	5.6 U	29 U	32 U	30 U
Tetrachloroethene	µg/kg	5.6 U	5.6 U	29 U	32 U	30 U
Toluene	µg/kg	5.6 U	5.6 U	29 U	32 U	30 U
trans-1,2-Dichloroethene	µg/kg	5.6 U	5.6 U	29 U	32 U	30 U
trans-1,3-Dichloropropene	µg/kg	5.6 U	5.6 U	29 U	32 U	30 U
Trichloroethene	µg/kg	0.96 J	5.6 U	5.6 J	450	12 J
Trichlorofluoromethane (CFC-11)	µg/kg	5.6 U	5.6 U	29 U	32 U	30 U
Trifluorotrichloroethane (Freon 113)	µg/kg	5.6 U	5.6 U	29 U	32 U	30 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
BCP INVESTIGATIONS, BUILDING 8 SOILS
GM-LOCKPORT
LOCKPORT, NY
DECEMBER 2010 - JANUARY 2011

	Sample Location:	*8-SB-1*	*8-SB-2*	*8-SB-3*	*8-SB-4*	*8-SB-5*
	Sample ID:	*8-SB-1-122710-1545*	*8-SB-2-122710-1600*	*8-SB-3-122810-0830*	*8-SB-4-122810-0910*	*8-SB-5-122810-0940*
	Sample Date:	*12/27/2010*	*12/27/2010*	*12/28/2010*	*12/28/2010*	*12/28/2010*
Parameters	*Units*					
Volatile Organic Compounds (Cont'd.)						
Vinyl chloride	µg/kg	5.6 U	5.6 U	29 U	32 U	6.2 J
Xylenes (total)	µg/kg	17 U	17 U	86 U	96 U	90 U
Semi-volatile Organic Compounds						
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	75 U	-	76 U	85 U	80 U
2,4,5-Trichlorophenol	µg/kg	370 U	-	380 U	420 U	390 U
2,4,6-Trichlorophenol	µg/kg	370 U	-	380 U	420 U	390 U
2,4-Dichlorophenol	µg/kg	75 U	-	76 U	85 U	80 U
2,4-Dimethylphenol	µg/kg	370 U	-	380 U	420 U	390 U
2,4-Dinitrophenol	µg/kg	1900 U	-	1900 U	2200 U	2000 U
2,4-Dinitrotoluene	µg/kg	370 U	-	380 U	420 U	390 U
2,6-Dinitrotoluene	µg/kg	370 U	-	380 U	420 U	390 U
2-Chloronaphthalene	µg/kg	75 U	-	76 U	85 U	80 U
2-Chlorophenol	µg/kg	370 U	-	380 U	420 U	390 U
2-Methylnaphthalene	µg/kg	75 U	-	76 U	24 J	80 U
2-Methylphenol	µg/kg	370 U	-	380 U	420 U	390 U
2-Nitroaniline	µg/kg	1900 U	-	1900 U	2200 U	2000 U
2-Nitrophenol	µg/kg	370 U	-	380 U	420 U	390 U
3,3'-Dichlorobenzidine	µg/kg	370 U	-	380 U	420 U	390 U
3-Nitroaniline	µg/kg	1900 U	-	1900 U	2200 U	2000 U
4,6-Dinitro-2-methylphenol	µg/kg	1900 U	-	1900 U	2200 U	2000 U
4-Bromophenyl phenyl ether	µg/kg	370 U	-	380 U	420 U	390 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
BCP INVESTIGATIONS, BUILDING 8 SOILS
GM-LOCKPORT
LOCKPORT, NY
DECEMBER 2010 - JANUARY 2011

	Sample Location:	*8-SB-1*	*8-SB-2*	*8-SB-3*	*8-SB-4*	*8-SB-5*
	Sample ID:	*8-SB-1-122710-1545*	*8-SB-2-122710-1600*	*8-SB-3-122810-0830*	*8-SB-4-122810-0910*	*8-SB-5-122810-0940*
	Sample Date:	*12/27/2010*	*12/27/2010*	*12/28/2010*	*12/28/2010*	*12/28/2010*
Parameters	*Units*					
Semi-volatile Organic Compounds (Cont'd.)						
4-Chloro-3-methylphenol	µg/kg	370 U	-	380 U	420 U	390 U
4-Chloroaniline	µg/kg	370 U	-	380 U	420 U	390 U
4-Chlorophenyl phenyl ether	µg/kg	370 U	-	380 U	420 U	390 U
4-Methylphenol	µg/kg	370 U	-	380 U	420 U	390 U
4-Nitroaniline	µg/kg	1900 U	-	1900 U	2200 U	2000 U
4-Nitrophenol	µg/kg	1900 U	-	1900 U	2200 U	2000 U
Acenaphthene	µg/kg	75 U	-	76 U	33 J	80 U
Acenaphthylene	µg/kg	75 U	-	76 U	85 U	80 U
Acetophenone	µg/kg	370 U	-	380 U	420 U	390 U
Anthracene	µg/kg	75 U	-	76 U	85 U	80 U
Atrazine	µg/kg	370 U	-	380 U	420 U	390 U
Benzaldehyde	µg/kg	370 U	-	380 U	420 U	390 U
Benzo(a)anthracene	µg/kg	75 U	-	76 U	85 U	80 U
Benzo(a)pyrene	µg/kg	75 U	-	76 U	85 U	80 U
Benzo(b)fluoranthene	µg/kg	75 U	-	76 U	85 U	80 U
Benzo(g,h,i)perylene	µg/kg	75 U	-	76 U	85 U	80 U
Benzo(k)fluoranthene	µg/kg	75 U	-	76 U	85 U	80 U
Biphenyl (1,1-Biphenyl)	µg/kg	370 U	-	380 U	420 U	390 U
bis(2-Chloroethoxy)methane	µg/kg	370 U	-	380 U	420 U	390 U
bis(2-Chloroethyl)ether	µg/kg	75 U	-	76 U	85 U	80 U
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	750 U	-	760 U	850 U	800 U
Butyl benzylphthalate (BBP)	µg/kg	370 U	-	380 U	420 U	390 U
Caprolactam	µg/kg	1900 U	-	1900 U	2200 U	2000 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
BCP INVESTIGATIONS, BUILDING 8 SOILS
GM-LOCKPORT
LOCKPORT, NY
DECEMBER 2010 - JANUARY 2011

	Sample Location:	*8-SB-1*	*8-SB-2*	*8-SB-3*	*8-SB-4*	*8-SB-5*
	Sample ID:	*8-SB-1-122710-1545*	*8-SB-2-122710-1600*	*8-SB-3-122810-0830*	*8-SB-4-122810-0910*	*8-SB-5-122810-0940*
	Sample Date:	*12/27/2010*	*12/27/2010*	*12/28/2010*	*12/28/2010*	*12/28/2010*
Parameters	*Units*					
Semi-volatile Organic Compounds (Cont'd.)						
Carbazole	µg/kg	75 U	-	76 U	85 U	80 U
Chrysene	µg/kg	75 U	-	76 U	85 U	80 U
Dibenz(a,h)anthracene	µg/kg	75 U	-	76 U	85 U	80 U
Dibenzofuran	µg/kg	370 U	-	380 U	420 U	390 U
Diethyl phthalate	µg/kg	370 U	-	380 U	420 U	390 U
Dimethyl phthalate	µg/kg	370 U	-	380 U	420 U	390 U
Di-n-butylphthalate (DBP)	µg/kg	370 U	-	380 U	420 U	390 U
Di-n-octyl phthalate (DnOP)	µg/kg	370 U	-	380 U	420 U	390 U
Fluoranthene	µg/kg	28 J	-	76 U	9.6 J	80 U
Fluorene	µg/kg	75 U	-	76 U	85 U	80 U
Hexachlorobenzene	µg/kg	75 U	-	76 U	85 U	80 U
Hexachlorobutadiene	µg/kg	75 U	-	76 U	85 U	80 U
Hexachlorocyclopentadiene	µg/kg	370 U	-	380 U	420 U	390 U
Hexachloroethane	µg/kg	370 U	-	380 U	420 U	390 U
Indeno(1,2,3-cd)pyrene	µg/kg	75 U	-	76 U	85 U	80 U
Isophorone	µg/kg	370 U	-	380 U	420 U	390 U
Naphthalene	µg/kg	75 U	-	76 U	86	80 U
Nitrobenzene	µg/kg	750 U	-	760 U	850 U	800 U
N-Nitrosodi-n-propylamine	µg/kg	75 U	-	76 U	85 U	80 U
N-Nitrosodiphenylamine	µg/kg	370 U	-	380 U	420 U	390 U
Pentachlorophenol	µg/kg	370 U	-	380 U	420 U	390 U
Phenanthrene	µg/kg	24 J	-	76 U	42 J	80 U
Phenol	µg/kg	75 U	-	76 U	85 U	80 U
Pyrene	µg/kg	22 J	-	76 U	85 U	80 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
BCP INVESTIGATIONS, BUILDING 8 SOILS
GM-LOCKPORT
LOCKPORT, NY
DECEMBER 2010 - JANUARY 2011

	Sample Location:	*8-SB-1*	*8-SB-2*	*8-SB-3*	*8-SB-4*	*8-SB-5*
	Sample ID:	*8-SB-1-122710-1545*	*8-SB-2-122710-1600*	*8-SB-3-122810-0830*	*8-SB-4-122810-0910*	*8-SB-5-122810-0940*
	Sample Date:	*12/27/2010*	*12/27/2010*	*12/28/2010*	*12/28/2010*	*12/28/2010*
Parameters	*Units*					
Metals						
Aluminum	mg/kg	-	-	-	-	-
Antimony	mg/kg	-	-	-	-	-
Arsenic	mg/kg	-	-	-	-	-
Barium	mg/kg	-	-	-	-	-
Beryllium	mg/kg	-	-	-	-	-
Cadmium	mg/kg	-	-	-	-	-
Calcium	mg/kg	-	-	-	-	-
Chromium	mg/kg	-	-	-	-	-
Cobalt	mg/kg	-	-	-	-	-
Copper	mg/kg	-	-	-	-	-
Iron	mg/kg	-	-	-	-	-
Lead	mg/kg	-	-	-	-	-
Magnesium	mg/kg	-	-	-	-	-
Manganese	mg/kg	-	-	-	-	-
Mercury	mg/kg	-	-	-	-	-
Nickel	mg/kg	-	-	-	-	-
Potassium	mg/kg	-	-	-	-	-
Selenium	mg/kg	-	-	-	-	-
Silver	mg/kg	-	-	-	-	-
Sodium	mg/kg	-	-	-	-	-
Thallium	mg/kg	-	-	-	-	-
Vanadium	mg/kg	-	-	-	-	-
Zinc	mg/kg	-	-	-	-	-

TABLE 3

ANALYTICAL RESULTS SUMMARY
BCP INVESTIGATIONS, BUILDING 8 SOILS
GM-LOCKPORT
LOCKPORT, NY
DECEMBER 2010 - JANUARY 2011

	Sample Location:	*8-SB-1*	*8-SB-2*	*8-SB-3*	*8-SB-4*	*8-SB-5*
	Sample ID:	*8-SB-1-122710-1545*	*8-SB-2-122710-1600*	*8-SB-3-122810-0830*	*8-SB-4-122810-0910*	*8-SB-5-122810-0940*
	Sample Date:	*12/27/2010*	*12/27/2010*	*12/28/2010*	*12/28/2010*	*12/28/2010*
Parameters	*Units*					
Polychlorinated Biphenyls						
Aroclor-1016 (PCB-1016)	µg/kg	18 U	-	19 U	21 U	20 U
Aroclor-1221 (PCB-1221)	µg/kg	18 U	-	19 U	21 U	20 U
Aroclor-1232 (PCB-1232)	µg/kg	18 U	-	19 U	21 U	20 U
Aroclor-1242 (PCB-1242)	µg/kg	18 U	-	19 U	21 U	20 U
Aroclor-1248 (PCB-1248)	µg/kg	18 U	-	19 U	21 U	20 U
Aroclor-1254 (PCB-1254)	µg/kg	18 U	-	19 U	21 U	20 U
Aroclor-1260 (PCB-1260)	µg/kg	18 U	-	19 U	21 U	20 U
General Chemistry						
Total solids	%	89.7	90.1	87.7	77.8	83.6

TABLE 3

ANALYTICAL RESULTS SUMMARY
BCP INVESTIGATIONS, BUILDING 8 SOILS
GM-LOCKPORT
LOCKPORT, NY
DECEMBER 2010 - JANUARY 2011

	Sample Location:	*8-SB-6*	*8-SB-7*	*8-SB-8*	*8-SB-9*	*8-SB-10*
	Sample ID:	*8-SB6-122810-1305*	*8-SB7-122810-1315*	*8-SB8-122810-1345*	*8-SB9-122810-1400*	*8-SB10-122810-1150*
	Sample Date:	*12/28/2010*	*12/28/2010*	*12/28/2010*	*12/28/2010*	*12/28/2010*
Parameters	*Units*					
Volatile Organic Compounds						
1,1,1-Trichloroethane	µg/kg	-	-	-	-	5.9 U
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	5.9 U
1,1,2-Trichloroethane	µg/kg	-	-	-	-	5.9 U
1,1-Dichloroethane	µg/kg	-	-	-	-	5.9 U
1,1-Dichloroethene	µg/kg	-	-	-	-	5.9 U
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	5.9 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	5.9 U
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	5.9 U
1,2-Dichlorobenzene	µg/kg	-	-	-	-	5.9 U
1,2-Dichloroethane	µg/kg	-	-	-	-	5.9 U
1,2-Dichloropropane	µg/kg	-	-	-	-	5.9 U
1,3-Dichlorobenzene	µg/kg	-	-	-	-	5.9 U
1,4-Dichlorobenzene	µg/kg	-	-	-	-	5.9 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	-	-	-	-	5.9 U
2-Hexanone	µg/kg	-	-	-	-	5.9 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	5.9 U
Acetone	µg/kg	-	-	-	-	24 U
Benzene	µg/kg	-	-	-	-	5.9 U
Bromodichloromethane	µg/kg	-	-	-	-	5.9 U
Bromoform	µg/kg	-	-	-	-	5.9 U
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	5.9 U
Carbon disulfide	µg/kg	-	-	-	-	5.9 U
Carbon tetrachloride	µg/kg	-	-	-	-	5.9 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
BCP INVESTIGATIONS, BUILDING 8 SOILS
GM-LOCKPORT
LOCKPORT, NY
DECEMBER 2010 - JANUARY 2011

	Sample Location:	*8-SB-6*	*8-SB-7*	*8-SB-8*	*8-SB-9*	*8-SB-10*
	Sample ID:	*8-SB6-122810-1305*	*8-SB7-122810-1315*	*8-SB8-122810-1345*	*8-SB9-122810-1400*	*8-SB10-122810-1150*
	Sample Date:	*12/28/2010*	*12/28/2010*	*12/28/2010*	*12/28/2010*	*12/28/2010*
Parameters	*Units*					
Volatile Organic Compounds (Cont'd.)						
Chlorobenzene	µg/kg	-	-	-	-	5.9 U
Chloroethane	µg/kg	-	-	-	-	5.9 U
Chloroform (Trichloromethane)	µg/kg	-	-	-	-	5.9 U
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	5.9 U
cis-1,2-Dichloroethene	µg/kg	-	-	-	-	1.7 J
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	5.9 U
Cyclohexane	µg/kg	-	-	-	-	5.9 U
Dibromochloromethane	µg/kg	-	-	-	-	5.9 U
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	5.9 U
Ethylbenzene	µg/kg	-	-	-	-	5.9 U
Isopropyl benzene	µg/kg	-	-	-	-	5.9 U
Methyl acetate	µg/kg	-	-	-	-	5.9 U
Methyl cyclohexane	µg/kg	-	-	-	-	5.9 U
Methyl tert butyl ether (MTBE)	µg/kg	-	-	-	-	5.9 U
Methylene chloride	µg/kg	-	-	-	-	1.7 J
Styrene	µg/kg	-	-	-	-	5.9 U
Tetrachloroethene	µg/kg	-	-	-	-	5.9 U
Toluene	µg/kg	-	-	-	-	5.9 U
trans-1,2-Dichloroethene	µg/kg	-	-	-	-	5.9 U
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	5.9 U
Trichloroethene	µg/kg	-	-	-	-	5.9 U
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	5.9 U
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	5.9 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
BCP INVESTIGATIONS, BUILDING 8 SOILS
GM-LOCKPORT
LOCKPORT, NY
DECEMBER 2010 - JANUARY 2011

	Sample Location:	*8-SB-6*	*8-SB-7*	*8-SB-8*	*8-SB-9*	*8-SB-10*
	Sample ID:	*8-SB6-122810-1305*	*8-SB7-122810-1315*	*8-SB8-122810-1345*	*8-SB9-122810-1400*	*8-SB10-122810-1150*
	Sample Date:	*12/28/2010*	*12/28/2010*	*12/28/2010*	*12/28/2010*	*12/28/2010*
Parameters	*Units*					
Volatile Organic Compounds (Cont'd.)						
Vinyl chloride	µg/kg	-	-	-	-	5.9 U
Xylenes (total)	µg/kg	-	-	-	-	18 U
Semi-volatile Organic Compounds						
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	-	78 U
2,4,5-Trichlorophenol	µg/kg	-	-	-	-	390 U
2,4,6-Trichlorophenol	µg/kg	-	-	-	-	390 U
2,4-Dichlorophenol	µg/kg	-	-	-	-	78 U
2,4-Dimethylphenol	µg/kg	-	-	-	-	390 U
2,4-Dinitrophenol	µg/kg	-	-	-	-	2000 U
2,4-Dinitrotoluene	µg/kg	-	-	-	-	390 U
2,6-Dinitrotoluene	µg/kg	-	-	-	-	390 U
2-Chloronaphthalene	µg/kg	-	-	-	-	78 U
2-Chlorophenol	µg/kg	-	-	-	-	390 U
2-Methylnaphthalene	µg/kg	-	-	-	-	78 U
2-Methylphenol	µg/kg	-	-	-	-	390 U
2-Nitroaniline	µg/kg	-	-	-	-	2000 U
2-Nitrophenol	µg/kg	-	-	-	-	390 U
3,3'-Dichlorobenzidine	µg/kg	-	-	-	-	390 U
3-Nitroaniline	µg/kg	-	-	-	-	2000 U
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	-	2000 U
4-Bromophenyl phenyl ether	µg/kg	-	-	-	-	390 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
BCP INVESTIGATIONS, BUILDING 8 SOILS
GM-LOCKPORT
LOCKPORT, NY
DECEMBER 2010 - JANUARY 2011

	Sample Location:	*8-SB-6*	*8-SB-7*	*8-SB-8*	*8-SB-9*	*8-SB-10*
	Sample ID:	*8-SB6-122810-1305*	*8-SB7-122810-1315*	*8-SB8-122810-1345*	*8-SB9-122810-1400*	*8-SB10-122810-1150*
	Sample Date:	*12/28/2010*	*12/28/2010*	*12/28/2010*	*12/28/2010*	*12/28/2010*
Parameters	*Units*					
Semi-volatile Organic Compounds (Cont'd.)						
4-Chloro-3-methylphenol	µg/kg	-	-	-	-	390 U
4-Chloroaniline	µg/kg	-	-	-	-	390 U
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	-	390 U
4-Methylphenol	µg/kg	-	-	-	-	390 U
4-Nitroaniline	µg/kg	-	-	-	-	2000 U
4-Nitrophenol	µg/kg	-	-	-	-	2000 U
Acenaphthene	µg/kg	-	-	-	-	78 U
Acenaphthylene	µg/kg	-	-	-	-	78 U
Acetophenone	µg/kg	-	-	-	-	390 U
Anthracene	µg/kg	-	-	-	-	15 J
Atrazine	µg/kg	-	-	-	-	390 U
Benzaldehyde	µg/kg	-	-	-	-	390 U
Benzo(a)anthracene	µg/kg	-	-	-	-	64 J
Benzo(a)pyrene	µg/kg	-	-	-	-	66 J
Benzo(b)fluoranthene	µg/kg	-	-	-	-	94
Benzo(g,h,i)perylene	µg/kg	-	-	-	-	43 J
Benzo(k)fluoranthene	µg/kg	-	-	-	-	78 U
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	-	390 U
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	-	390 U
bis(2-Chloroethyl)ether	µg/kg	-	-	-	-	78 U
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	-	780 U
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	-	390 U
Caprolactam	µg/kg	-	-	-	-	2000 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
BCP INVESTIGATIONS, BUILDING 8 SOILS
GM-LOCKPORT
LOCKPORT, NY
DECEMBER 2010 - JANUARY 2011

	Sample Location:	*8-SB-6*	*8-SB-7*	*8-SB-8*	*8-SB-9*	*8-SB-10*
	Sample ID:	*8-SB6-122810-1305*	*8-SB7-122810-1315*	*8-SB8-122810-1345*	*8-SB9-122810-1400*	*8-SB10-122810-1150*
	Sample Date:	*12/28/2010*	*12/28/2010*	*12/28/2010*	*12/28/2010*	*12/28/2010*
Parameters	*Units*					
Semi-volatile Organic Compounds (Cont'd.)						
Carbazole	µg/kg	-	-	-	-	78 U
Chrysene	µg/kg	-	-	-	-	67 J
Dibenz(a,h)anthracene	µg/kg	-	-	-	-	78 U
Dibenzofuran	µg/kg	-	-	-	-	390 U
Diethyl phthalate	µg/kg	-	-	-	-	390 U
Dimethyl phthalate	µg/kg	-	-	-	-	390 U
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	-	390 U
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	-	390 U
Fluoranthene	µg/kg	-	-	-	-	120
Fluorene	µg/kg	-	-	-	-	78 U
Hexachlorobenzene	µg/kg	-	-	-	-	78 U
Hexachlorobutadiene	µg/kg	-	-	-	-	78 U
Hexachlorocyclopentadiene	µg/kg	-	-	-	-	390 U
Hexachloroethane	µg/kg	-	-	-	-	390 U
Indeno(1,2,3-cd)pyrene	µg/kg	-	-	-	-	36 J
Isophorone	µg/kg	-	-	-	-	390 U
Naphthalene	µg/kg	-	-	-	-	78 U
Nitrobenzene	µg/kg	-	-	-	-	780 U
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	-	78 U
N-Nitrosodiphenylamine	µg/kg	-	-	-	-	390 U
Pentachlorophenol	µg/kg	-	-	-	-	390 U
Phenanthrene	µg/kg	-	-	-	-	64 J
Phenol	µg/kg	-	-	-	-	78 U
Pyrene	µg/kg	-	-	-	-	95

TABLE 3

ANALYTICAL RESULTS SUMMARY
BCP INVESTIGATIONS, BUILDING 8 SOILS
GM-LOCKPORT
LOCKPORT, NY
DECEMBER 2010 - JANUARY 2011

	Sample Location:	*8-SB-6*	*8-SB-7*	*8-SB-8*	*8-SB-9*	*8-SB-10*
	Sample ID:	*8-SB6-122810-1305*	*8-SB7-122810-1315*	*8-SB8-122810-1345*	*8-SB9-122810-1400*	*8-SB10-122810-1150*
	Sample Date:	*12/28/2010*	*12/28/2010*	*12/28/2010*	*12/28/2010*	*12/28/2010*
Parameters	***Units***					
Metals						
Aluminum	mg/kg	10500	4840	11000	13900 J	8980
Antimony	mg/kg	1.0 U	1.1 U	0.31 J	3.5 J	1.1 U
Arsenic	mg/kg	3.4	6.9	3.4	3.4	5.4
Barium	mg/kg	85.0	58.5	110	110	80.8
Beryllium	mg/kg	0.62	0.39 J	0.63	0.76	0.53
Cadmium	mg/kg	0.50 U	0.54 U	0.22 J	0.16 J	0.56 U
Calcium	mg/kg	37900	64100	57700	25400	25900
Chromium	mg/kg	15.7	7.6	16.6	19.9	13.8
Cobalt	mg/kg	7.4	5.6	7.8	10.1 J	9.6
Copper	mg/kg	18.5	25.1	68.5	74.1 J	20.8
Iron	mg/kg	19100	15200	18900	21400	24800
Lead	mg/kg	9.9	6.2	129	2420	12.8
Magnesium	mg/kg	8840	21200	12400	8750	7610
Manganese	mg/kg	754	938	635	553	534
Mercury	mg/kg	0.036 U	0.038 U	0.040 U	0.016 J	0.018 J
Nickel	mg/kg	17.0	9.8	18.1	22.3 J	15.3
Potassium	mg/kg	1460	584	1340	1520	980
Selenium	mg/kg	0.50 U	0.54 U	0.56 U	0.52 U	0.56 U
Silver	mg/kg	0.20 J	0.17 J	0.64	0.61	0.15 J
Sodium	mg/kg	88.0 J	84.0 J	119 J	115 J	95.6 J
Thallium	mg/kg	1.0 U	1.1 U	1.1 U	1.0 U	1.1 U
Vanadium	mg/kg	22.4	12.4	23.4	28.3	19.6
Zinc	mg/kg	48.6	33.5	98.8	147 J	62.6

TABLE 3

ANALYTICAL RESULTS SUMMARY
BCP INVESTIGATIONS, BUILDING 8 SOILS
GM-LOCKPORT
LOCKPORT, NY
DECEMBER 2010 - JANUARY 2011

	Sample Location:	*8-SB-6*	*8-SB-7*	*8-SB-8*	*8-SB-9*	*8-SB-10*
	Sample ID:	*8-SB6-122810-1305*	*8-SB7-122810-1315*	*8-SB8-122810-1345*	*8-SB9-122810-1400*	*8-SB10-122810-1150*
	Sample Date:	*12/28/2010*	*12/28/2010*	*12/28/2010*	*12/28/2010*	*12/28/2010*
Parameters	***Units***					
Polychlorinated Biphenyls						
Aroclor-1016 (PCB-1016)	µg/kg	-	-	-	-	20 U
Aroclor-1221 (PCB-1221)	µg/kg	-	-	-	-	20 U
Aroclor-1232 (PCB-1232)	µg/kg	-	-	-	-	20 U
Aroclor-1242 (PCB-1242)	µg/kg	-	-	-	-	20 U
Aroclor-1248 (PCB-1248)	µg/kg	-	-	-	-	20 U
Aroclor-1254 (PCB-1254)	µg/kg	-	-	-	-	20 U
Aroclor-1260 (PCB-1260)	µg/kg	-	-	-	-	20 U
General Chemistry						
Total solids	%	91.3	86.7	82.4	84.6	84.6

TABLE 3

ANALYTICAL RESULTS SUMMARY
BCP INVESTIGATIONS, BUILDING 8 SOILS
GM-LOCKPORT
LOCKPORT, NY
DECEMBER 2010 - JANUARY 2011

	Sample Location:	*8-SB-11*	*8-SB-12*	*8-SB-12*	*MW-8-1*	*MW-8-2*
	Sample ID:	*8-SB11-122810-1140*	*8-SB12-122810-1100*	*DUP-122810-0001*	*MW-8-1-122910-0830*	*MW-8-2-122810-1015*
	Sample Date:	*12/28/2010*	*12/28/2010*	*12/28/2010*	*12/29/2010*	*12/28/2010*
				(Duplicate)		
Parameters	*Units*					
Volatile Organic Compounds						
1,1,1-Trichloroethane	µg/kg	5.5 U	6.0 U	6.5 U	5.7 U	5.9 U
1,1,2,2-Tetrachloroethane	µg/kg	5.5 U	6.0 U	6.5 U	5.7 U	5.9 U
1,1,2-Trichloroethane	µg/kg	5.5 U	6.0 U	6.5 U	5.7 U	5.9 U
1,1-Dichloroethane	µg/kg	5.5 U	6.0 U	6.5 U	5.7 U	5.9 U
1,1-Dichloroethene	µg/kg	5.5 U	6.0 U	6.5 U	5.7 U	5.9 U
1,2,4-Trichlorobenzene	µg/kg	5.5 U	6.0 U	6.5 U	5.7 U	5.9 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	5.5 U	6.0 U	6.5 U	5.7 U	5.9 U
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	5.5 U	6.0 U	6.5 U	5.7 U	5.9 U
1,2-Dichlorobenzene	µg/kg	5.5 U	6.0 U	6.5 U	5.7 U	5.9 U
1,2-Dichloroethane	µg/kg	5.5 U	6.0 U	6.5 U	5.7 U	5.9 U
1,2-Dichloropropane	µg/kg	5.5 U	6.0 U	6.5 U	5.7 U	5.9 U
1,3-Dichlorobenzene	µg/kg	5.5 U	6.0 U	6.5 U	5.7 U	5.9 U
1,4-Dichlorobenzene	µg/kg	5.5 U	6.0 U	6.5 U	5.7 U	5.9 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	5.5 U	6.0 U	6.5 U	5.7 U	5.9 U
2-Hexanone	µg/kg	5.5 U	6.0 U	6.5 U	5.7 U	5.9 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	5.5 U	6.0 U	6.5 U	5.7 U	5.9 U
Acetone	µg/kg	22 U	24 U	26 U	23 U	24 U
Benzene	µg/kg	5.5 U	6.0 U	6.5 U	5.7 U	5.9 U
Bromodichloromethane	µg/kg	5.5 U	6.0 U	6.5 U	5.7 U	5.9 U
Bromoform	µg/kg	5.5 U	6.0 U	6.5 U	5.7 U	5.9 U
Bromomethane (Methyl bromide)	µg/kg	5.5 U	6.0 U	6.5 U	5.7 U	5.9 U
Carbon disulfide	µg/kg	5.5 U	6.0 U	6.5 U	5.7 U	5.9 U
Carbon tetrachloride	µg/kg	5.5 U	6.0 U	6.5 U	5.7 U	5.9 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
BCP INVESTIGATIONS, BUILDING 8 SOILS
GM-LOCKPORT
LOCKPORT, NY
DECEMBER 2010 - JANUARY 2011

	Sample Location:	*8-SB-11*	*8-SB-12*	*8-SB-12*	*MW-8-1*	*MW-8-2*
	Sample ID:	*8-SB11-122810-1140*	*8-SB12-122810-1100*	*DUP-122810-0001*	*MW-8-1-122910-0830*	*MW-8-2-122810-1015*
	Sample Date:	*12/28/2010*	*12/28/2010*	*12/28/2010 (Duplicate)*	*12/29/2010*	*12/28/2010*
Parameters	*Units*					
Volatile Organic Compounds (Cont'd.)						
Chlorobenzene	µg/kg	5.5 U	6.0 U	6.5 U	5.7 U	5.9 U
Chloroethane	µg/kg	5.5 U	6.0 U	6.5 U	5.7 U	5.9 U
Chloroform (Trichloromethane)	µg/kg	5.5 U	6.0 U	6.5 U	5.7 U	5.9 U
Chloromethane (Methyl chloride)	µg/kg	5.5 U	6.0 U	6.5 U	5.7 U	5.9 U
cis-1,2-Dichloroethene	µg/kg	5.5 U	3.1 J	4.0 J	1.2 J	10
cis-1,3-Dichloropropene	µg/kg	5.5 U	6.0 U	6.5 U	5.7 U	5.9 U
Cyclohexane	µg/kg	5.5 U	6.0 U	6.5 U	5.7 U	5.9 U
Dibromochloromethane	µg/kg	5.5 U	6.0 U	6.5 U	5.7 U	5.9 U
Dichlorodifluoromethane (CFC-12)	µg/kg	5.5 U	6.0 U	6.5 U	5.7 U	5.9 U
Ethylbenzene	µg/kg	5.5 U	6.0 U	6.5 U	5.7 U	5.9 U
Isopropyl benzene	µg/kg	5.5 U	6.0 U	6.5 U	5.7 U	5.9 U
Methyl acetate	µg/kg	5.5 U	6.0 U	6.5 U	5.7 U	5.9 U
Methyl cyclohexane	µg/kg	5.5 U	6.0 U	6.5 U	5.7 U	5.9 U
Methyl tert butyl ether (MTBE)	µg/kg	5.5 U	6.0 U	6.5 U	5.7 U	5.9 U
Methylene chloride	µg/kg	1.8 J	0.95 J	1.0 J	5.7 U	5.9 U
Styrene	µg/kg	5.5 U	6.0 U	6.5 U	5.7 U	5.9 U
Tetrachloroethene	µg/kg	5.5 U	6.0 U	6.5 U	5.7 U	5.9 U
Toluene	µg/kg	5.5 U	6.0 U	6.5 U	5.7 U	5.9 U
trans-1,2-Dichloroethene	µg/kg	5.5 U	6.0 U	6.5 U	5.7 U	5.9 U
trans-1,3-Dichloropropene	µg/kg	5.5 U	6.0 U	6.5 U	5.7 U	5.9 U
Trichloroethene	µg/kg	5.5 U	8.6	8.2	5.7 U	39
Trichlorofluoromethane (CFC-11)	µg/kg	5.5 U	6.0 U	6.5 U	5.7 U	5.9 U
Trifluorotrichloroethane (Freon 113)	µg/kg	5.5 U	6.0 U	6.5 U	5.7 U	5.9 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
BCP INVESTIGATIONS, BUILDING 8 SOILS
GM-LOCKPORT
LOCKPORT, NY
DECEMBER 2010 - JANUARY 2011

	Sample Location:	*8-SB-11*	*8-SB-12*	*8-SB-12*	*MW-8-1*	*MW-8-2*
	Sample ID:	*8-SB11-122810-1140*	*8-SB12-122810-1100*	*DUP-122810-0001*	*MW-8-1-122910-0830*	*MW-8-2-122810-1015*
	Sample Date:	*12/28/2010*	*12/28/2010*	*12/28/2010 (Duplicate)*	*12/29/2010*	*12/28/2010*
Parameters	*Units*					
Volatile Organic Compounds (Cont'd.)						
Vinyl chloride	µg/kg	5.5 U	6.0 U	6.5 U	5.7 U	1.2 J
Xylenes (total)	µg/kg	16 U	18 U	19 U	17 U	18 U
Semi-volatile Organic Compounds						
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	73 U	80 U	86 U	-	-
2,4,5-Trichlorophenol	µg/kg	360 U	390 U	420 U	-	-
2,4,6-Trichlorophenol	µg/kg	360 U	390 U	420 U	-	-
2,4-Dichlorophenol	µg/kg	73 U	80 U	86 U	-	-
2,4-Dimethylphenol	µg/kg	360 U	390 U	420 U	-	-
2,4-Dinitrophenol	µg/kg	1900 U	2000 U	2200 U	-	-
2,4-Dinitrotoluene	µg/kg	360 U	390 U	420 U	-	-
2,6-Dinitrotoluene	µg/kg	360 U	390 U	420 U	-	-
2-Chloronaphthalene	µg/kg	73 U	80 U	86 U	-	-
2-Chlorophenol	µg/kg	360 U	390 U	420 U	-	-
2-Methylnaphthalene	µg/kg	73 U	80 U	86 U	-	-
2-Methylphenol	µg/kg	360 U	390 U	420 U	-	-
2-Nitroaniline	µg/kg	1900 U	2000 U	2200 U	-	-
2-Nitrophenol	µg/kg	360 U	390 U	420 U	-	-
3,3'-Dichlorobenzidine	µg/kg	360 U	390 U	420 U	-	-
3-Nitroaniline	µg/kg	1900 U	2000 U	2200 U	-	-
4,6-Dinitro-2-methylphenol	µg/kg	1900 U	2000 U	2200 U	-	-
4-Bromophenyl phenyl ether	µg/kg	360 U	390 U	420 U	-	-

TABLE 3

ANALYTICAL RESULTS SUMMARY
BCP INVESTIGATIONS, BUILDING 8 SOILS
GM-LOCKPORT
LOCKPORT, NY
DECEMBER 2010 - JANUARY 2011

	Sample Location:	*8-SB-11*	*8-SB-12*	*8-SB-12*	*MW-8-1*	*MW-8-2*
	Sample ID:	*8-SB11-122810-1140*	*8-SB12-122810-1100*	*DUP-122810-0001*	*MW-8-1-122910-0830*	*MW-8-2-122810-1015*
	Sample Date:	*12/28/2010*	*12/28/2010*	*12/28/2010 (Duplicate)*	*12/29/2010*	*12/28/2010*
Parameters	*Units*					
Semi-volatile Organic Compounds (Cont'd.)						
4-Chloro-3-methylphenol	µg/kg	360 U	390 U	420 U	-	-
4-Chloroaniline	µg/kg	360 U	390 U	420 U	-	-
4-Chlorophenyl phenyl ether	µg/kg	360 U	390 U	420 U	-	-
4-Methylphenol	µg/kg	360 U	390 U	420 U	-	-
4-Nitroaniline	µg/kg	1900 U	2000 U	2200 U	-	-
4-Nitrophenol	µg/kg	1900 U	2000 U	2200 U	-	-
Acenaphthene	µg/kg	73 U	80 U	86 U	-	-
Acenaphthylene	µg/kg	73 U	80 U	86 U	-	-
Acetophenone	µg/kg	360 U	390 U	420 U	-	-
Anthracene	µg/kg	73 U	80 U	86 U	-	-
Atrazine	µg/kg	360 U	390 U	420 U	-	-
Benzaldehyde	µg/kg	360 U	390 U	420 U	-	-
Benzo(a)anthracene	µg/kg	73 U	80 U	86 U	-	-
Benzo(a)pyrene	µg/kg	73 U	80 U	86 U	-	-
Benzo(b)fluoranthene	µg/kg	73 U	80 U	86 U	-	-
Benzo(g,h,i)perylene	µg/kg	73 U	80 U	86 U	-	-
Benzo(k)fluoranthene	µg/kg	73 U	80 U	86 U	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	360 U	390 U	420 U	-	-
bis(2-Chloroethoxy)methane	µg/kg	360 U	390 U	420 U	-	-
bis(2-Chloroethyl)ether	µg/kg	73 U	80 U	86 U	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	730 U	800 U	860 U	-	-
Butyl benzylphthalate (BBP)	µg/kg	360 U	390 U	420 U	-	-
Caprolactam	µg/kg	1900 U	2000 U	2200 U	-	-

TABLE 3

ANALYTICAL RESULTS SUMMARY
BCP INVESTIGATIONS, BUILDING 8 SOILS
GM-LOCKPORT
LOCKPORT, NY
DECEMBER 2010 - JANUARY 2011

	Sample Location:	*8-SB-11*	*8-SB-12*	*8-SB-12*	*MW-8-1*	*MW-8-2*
	Sample ID:	*8-SB11-122810-1140*	*8-SB12-122810-1100*	*DUP-122810-0001*	*MW-8-1-122910-0830*	*MW-8-2-122810-1015*
	Sample Date:	*12/28/2010*	*12/28/2010*	*12/28/2010 (Duplicate)*	*12/29/2010*	*12/28/2010*
Parameters	*Units*					
Semi-volatile Organic Compounds (Cont'd.)						
Carbazole	µg/kg	73 U	80 U	86 U	-	-
Chrysene	µg/kg	73 U	80 U	86 U	-	-
Dibenz(a,h)anthracene	µg/kg	73 U	80 U	86 U	-	-
Dibenzofuran	µg/kg	360 U	390 U	420 U	-	-
Diethyl phthalate	µg/kg	360 U	390 U	420 U	-	-
Dimethyl phthalate	µg/kg	360 U	390 U	420 U	-	-
Di-n-butylphthalate (DBP)	µg/kg	360 U	390 U	420 U	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	360 U	390 U	420 U	-	-
Fluoranthene	µg/kg	73 U	80 U	86 U	-	-
Fluorene	µg/kg	73 U	80 U	86 U	-	-
Hexachlorobenzene	µg/kg	73 U	80 U	86 U	-	-
Hexachlorobutadiene	µg/kg	73 U	80 U	86 U	-	-
Hexachlorocyclopentadiene	µg/kg	360 U	390 U	420 U	-	-
Hexachloroethane	µg/kg	360 U	390 U	420 U	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	73 U	80 U	86 U	-	-
Isophorone	µg/kg	360 U	390 U	420 U	-	-
Naphthalene	µg/kg	73 U	80 U	86 U	-	-
Nitrobenzene	µg/kg	730 U	800 U	860 U	-	-
N-Nitrosodi-n-propylamine	µg/kg	73 U	80 U	86 U	-	-
N-Nitrosodiphenylamine	µg/kg	360 U	390 U	420 U	-	-
Pentachlorophenol	µg/kg	360 U	390 U	420 U	-	-
Phenanthrene	µg/kg	73 U	80 U	86 U	-	-
Phenol	µg/kg	73 U	80 U	86 U	-	-
Pyrene	µg/kg	73 U	80 U	86 U	-	-

TABLE 3

ANALYTICAL RESULTS SUMMARY
BCP INVESTIGATIONS, BUILDING 8 SOILS
GM-LOCKPORT
LOCKPORT, NY
DECEMBER 2010 - JANUARY 2011

	Sample Location:	*8-SB-11*	*8-SB-12*	*8-SB-12*	*MW-8-1*	*MW-8-2*
	Sample ID:	*8-SB11-122810-1140*	*8-SB12-122810-1100*	*DUP-122810-0001*	*MW-8-1-122910-0830*	*MW-8-2-122810-1015*
	Sample Date:	*12/28/2010*	*12/28/2010*	*12/28/2010 (Duplicate)*	*12/29/2010*	*12/28/2010*
Parameters	*Units*					
Metals						
Aluminum	mg/kg	8650	7330	7610	-	-
Antimony	mg/kg	1.1 U	1.0 U	1.1 U	-	-
Arsenic	mg/kg	2.7	3.2	2.4	-	-
Barium	mg/kg	62.5	43.7	64.0	-	-
Beryllium	mg/kg	0.49	0.49	0.50	-	-
Cadmium	mg/kg	0.54 U	0.51 U	0.57 U	-	-
Calcium	mg/kg	3640	41300	64600	-	-
Chromium	mg/kg	9.7	12.0	12.6	-	-
Cobalt	mg/kg	5.7	7.5	7.7	-	-
Copper	mg/kg	34.1	12.8	15.4	-	-
Iron	mg/kg	16800	17300	16300	-	-
Lead	mg/kg	12.4	3.9	4.8	-	-
Magnesium	mg/kg	3430	8240	9640	-	-
Manganese	mg/kg	1180	598	614	-	-
Mercury	mg/kg	0.025 J	0.040 U	0.043 U	-	-
Nickel	mg/kg	12.5	16.3	16.1	-	-
Potassium	mg/kg	533 J	1130	1450	-	-
Selenium	mg/kg	0.54 U	0.51 U	0.57 U	-	-
Silver	mg/kg	0.16 J	0.13 J	0.16 J	-	-
Sodium	mg/kg	13.9 J	171 J	217 J	-	-
Thallium	mg/kg	1.1 U	1.0 U	1.1 U	-	-
Vanadium	mg/kg	17.7	19.1	19.0	-	-
Zinc	mg/kg	27.4	32.8	38.2	-	-

TABLE 3

ANALYTICAL RESULTS SUMMARY
BCP INVESTIGATIONS, BUILDING 8 SOILS
GM-LOCKPORT
LOCKPORT, NY
DECEMBER 2010 - JANUARY 2011

	Sample Location:	*8-SB-11*	*8-SB-12*	*8-SB-12*	*MW-8-1*	*MW-8-2*
	Sample ID:	*8-SB11-122810-1140*	*8-SB12-122810-1100*	*DUP-122810-0001*	*MW-8-1-122910-0830*	*MW-8-2-122810-1015*
	Sample Date:	*12/28/2010*	*12/28/2010*	*12/28/2010*	*12/29/2010*	*12/28/2010*
				(Duplicate)		
Parameters	*Units*					
Polychlorinated Biphenyls						
Aroclor-1016 (PCB-1016)	µg/kg	18 U	20 U	22 U	-	-
Aroclor-1221 (PCB-1221)	µg/kg	18 U	20 U	22 U	-	-
Aroclor-1232 (PCB-1232)	µg/kg	18 U	20 U	22 U	-	-
Aroclor-1242 (PCB-1242)	µg/kg	18 U	20 U	22 U	-	-
Aroclor-1248 (PCB-1248)	µg/kg	18 U	20 U	22 U	-	-
Aroclor-1254 (PCB-1254)	µg/kg	18 U	20 U	22 U	-	-
Aroclor-1260 (PCB-1260)	µg/kg	18 U	20 U	22 U	-	-
General Chemistry						
Total solids	%	91.6	83.2	77.3	88.0	84.8

TABLE 3

ANALYTICAL RESULTS SUMMARY
BCP INVESTIGATIONS, BUILDING 8 SOILS
GM-LOCKPORT
LOCKPORT, NY
DECEMBER 2010 - JANUARY 2011

	Sample Location:	***MW-8-3***	***MW-8-4***
	Sample ID:	***MW-8-3-122710-1330***	***MW-8-4-1-5-11-1330***
	Sample Date:	***12/27/2010***	***1/5/2011***
Parameters	***Units***		
Volatile Organic Compounds			
1,1,1-Trichloroethane	µg/kg	5.7 U	5.8 U
1,1,2,2-Tetrachloroethane	µg/kg	5.7 U	5.8 U
1,1,2-Trichloroethane	µg/kg	5.7 U	5.8 U
1,1-Dichloroethane	µg/kg	5.7 U	5.8 U
1,1-Dichloroethene	µg/kg	5.7 U	5.8 U
1,2,4-Trichlorobenzene	µg/kg	5.7 U	5.8 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	5.7 U	5.8 U
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	5.7 U	5.8 U
1,2-Dichlorobenzene	µg/kg	5.7 U	5.8 U
1,2-Dichloroethane	µg/kg	5.7 U	5.8 U
1,2-Dichloropropane	µg/kg	5.7 U	5.8 U
1,3-Dichlorobenzene	µg/kg	5.7 U	5.8 U
1,4-Dichlorobenzene	µg/kg	5.7 U	5.8 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	5.7 U	5.8 U
2-Hexanone	µg/kg	5.7 U	5.8 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	5.7 U	5.8 U
Acetone	µg/kg	23 U	23 U
Benzene	µg/kg	5.7 U	5.8 U
Bromodichloromethane	µg/kg	5.7 U	5.8 U
Bromoform	µg/kg	5.7 U	5.8 U
Bromomethane (Methyl bromide)	µg/kg	5.7 U	5.8 U
Carbon disulfide	µg/kg	5.7 U	5.8 U
Carbon tetrachloride	µg/kg	5.7 U	5.8 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
BCP INVESTIGATIONS, BUILDING 8 SOILS
GM-LOCKPORT
LOCKPORT, NY
DECEMBER 2010 - JANUARY 2011

	Sample Location:	*MW-8-3*	*MW-8-4*
	Sample ID:	*MW-8-3-122710-1330*	*MW-8-4-1-5-11-1330*
	Sample Date:	*12/27/2010*	*1/5/2011*
Parameters	*Units*		
Volatile Organic Compounds (Cont'd.)			
Chlorobenzene	µg/kg	5.7 U	5.8 U
Chloroethane	µg/kg	5.7 U	5.8 U
Chloroform (Trichloromethane)	µg/kg	5.7 U	5.8 U
Chloromethane (Methyl chloride)	µg/kg	5.7 U	5.8 U
cis-1,2-Dichloroethene	µg/kg	2.1 J	5.8 U
cis-1,3-Dichloropropene	µg/kg	5.7 U	5.8 U
Cyclohexane	µg/kg	5.7 U	5.8 U
Dibromochloromethane	µg/kg	5.7 U	5.8 U
Dichlorodifluoromethane (CFC-12)	µg/kg	5.7 U	5.8 U
Ethylbenzene	µg/kg	5.7 U	5.8 U
Isopropyl benzene	µg/kg	5.7 U	5.8 U
Methyl acetate	µg/kg	5.7 U	5.8 U
Methyl cyclohexane	µg/kg	5.7 U	5.8 U
Methyl tert butyl ether (MTBE)	µg/kg	5.7 U	5.8 U
Methylene chloride	µg/kg	5.7 U	5.8 U
Styrene	µg/kg	5.7 U	5.8 U
Tetrachloroethene	µg/kg	5.7 U	5.8 U
Toluene	µg/kg	5.7 U	5.8 U
trans-1,2-Dichloroethene	µg/kg	5.7 U	5.8 U
trans-1,3-Dichloropropene	µg/kg	5.7 U	5.8 U
Trichloroethene	µg/kg	5.7 U	5.8 U
Trichlorofluoromethane (CFC-11)	µg/kg	5.7 U	5.8 U
Trifluorotrichloroethane (Freon 113)	µg/kg	5.7 U	5.8 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
BCP INVESTIGATIONS, BUILDING 8 SOILS
GM-LOCKPORT
LOCKPORT, NY
DECEMBER 2010 - JANUARY 2011

	Sample Location:	***MW-8-3***	***MW-8-4***
	Sample ID:	***MW-8-3-122710-1330***	***MW-8-4-1-5-11-1330***
	Sample Date:	***12/27/2010***	***1/5/2011***
Parameters	***Units***		
Volatile Organic Compounds (Cont'd.)			
Vinyl chloride	µg/kg	5.7 U	5.8 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	-	-

TABLE 3

ANALYTICAL RESULTS SUMMARY
BCP INVESTIGATIONS, BUILDING 8 SOILS
GM-LOCKPORT
LOCKPORT, NY
DECEMBER 2010 - JANUARY 2011

	Sample Location:	*MW-8-3*	*MW-8-4*
	Sample ID:	*MW-8-3-122710-1330*	*MW-8-4-1-5-11-1330*
	Sample Date:	*12/27/2010*	*1/5/2011*
Parameters	*Units*		
Semi-volatile Organic Compounds (Cont'd.)			
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	-	-

TABLE 3

ANALYTICAL RESULTS SUMMARY
BCP INVESTIGATIONS, BUILDING 8 SOILS
GM-LOCKPORT
LOCKPORT, NY
DECEMBER 2010 - JANUARY 2011

	Sample Location:	*MW-8-3*	*MW-8-4*
	Sample ID:	*MW-8-3-122710-1330*	*MW-8-4-1-5-11-1330*
	Sample Date:	*12/27/2010*	*1/5/2011*
Parameters	*Units*		
Semi-volatile Organic Compounds (Cont'd.)			
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	-	-

TABLE 3

ANALYTICAL RESULTS SUMMARY
BCP INVESTIGATIONS, BUILDING 8 SOILS
GM-LOCKPORT
LOCKPORT, NY
DECEMBER 2010 - JANUARY 2011

		Sample Location:	*MW-8-3*	*MW-8-4*
		Sample ID:	*MW-8-3-122710-1330*	*MW-8-4-1-5-11-1330*
		Sample Date:	*12/27/2010*	*1/5/2011*
	Parameters	*Units*		
Metals				
	Aluminum	mg/kg	-	-
	Antimony	mg/kg	-	-
	Arsenic	mg/kg	-	-
	Barium	mg/kg	-	-
	Beryllium	mg/kg	-	-
	Cadmium	mg/kg	-	-
	Calcium	mg/kg	-	-
	Chromium	mg/kg	-	-
	Cobalt	mg/kg	-	-
	Copper	mg/kg	-	-
	Iron	mg/kg	-	-
	Lead	mg/kg	-	-
	Magnesium	mg/kg	-	-
	Manganese	mg/kg	-	-
	Mercury	mg/kg	-	-
	Nickel	mg/kg	-	-
	Potassium	mg/kg	-	-
	Selenium	mg/kg	-	-
	Silver	mg/kg	-	-
	Sodium	mg/kg	-	-
	Thallium	mg/kg	-	-
	Vanadium	mg/kg	-	-
	Zinc	mg/kg	-	-

TABLE 3

ANALYTICAL RESULTS SUMMARY
BCP INVESTIGATIONS, BUILDING 8 SOILS
GM-LOCKPORT
LOCKPORT, NY
DECEMBER 2010 - JANUARY 2011

	Sample Location:	***MW-8-3***	***MW-8-4***
	Sample ID:	***MW-8-3-122710-1330***	***MW-8-4-1-5-11-1330***
	Sample Date:	***12/27/2010***	***1/5/2011***
Parameters	***Units***		
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	%	88.1	86.0

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

TABLE 4

QUALIFIED SAMPLE RESULTS DUE TO ANALYTE CONCENTRATIONS IN THE METHOD BLANKS
BCP INVESTIGATIONS, BUILDING 8 SOILS
GM-LOCKPORT
LOCKPORT, NY
DECEMBER 2010 - JANUARY 2011

Parameter	*Analysis Date*	*Analyte*	*Blank Result*	*Sample ID*	*Qualified Sample Result*	*Units*
VOCs	01/07/11	Methylene chloride	1.1J	MW-8-4-1-5-11-1330	5.8 U	µg/Kg

Notes:
J Estimated.
U Not detected.
VOCs Volatile Organic Compounds.

TABLE 5

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERIES
BCP INVESTIGATIONS, BUILDING 8 SOILS
GM-LOCKPORT
LOCKPORT, NY
DECEMBER 2010 - JANUARY 2011

Parameter	*Associated Sample ID*	*Analyte*	*MS Recovery (percent)*	*MSD Recovery (percent)*	*RPD*	*Control Limits*		*Qualified Sample Result*	*Units*
						Recovery (percent)	*RPD (percent)*		
Metals	8-SB9-122810-1400	Copper	35	0	NA	75-125	35	74.1 J	mg/Kg
Metals	8-SB9-122810-1400	Antimony	45	41	8.8	75-125	35	3.5 J	mg/Kg
Metals	8-SB9-122810-1400	Zinc	177	0	NA	75-125	35	147 J	mg/Kg

Notes:
J Estimated.
MS Matrix Spike.
MSD Matrix Spike Duplicate.
NA Not Applicable.
RPD Relative Percent Difference.

TABLE 6

QUALIFIED SAMPLES RESULTS DUE TO OUTLYING SERIAL DILUTIONS
BCP INVESTIGATIONS, BUILDING 8 SOILS
GM-LOCKPORT
LOCKPORT, NY
DECEMBER 2010 - JANUARY 2011

Sample ID	*Analyte*	*%D*	*Control Limits*	*Associated Samples*	*Qualified Sample Results*	*Units*
8-SB9-122810-1400	Aluminum	10.6	10	8-SB9-122810-1400	13900 J	mg/Kg
	Nickel	12.8	10		22.3 J	mg/Kg
	Cobalt	11.2	10		10.1 J	mg/Kg
	Zinc	11.6	10		147 J	mg/Kg

Notes:
%D Percent Difference.
J Estimated.

TABLE 7

QUALIFIED SAMPLE RESULTS DUE TO ANALYTE CONCENTRATIONS IN THE RINSE BLANKS
BCP INVESTIGATIONS, BUILDING 8 SOILS
GM-LOCKPORT
LOCKPORT, NY
DECEMBER 2010 - JANUARY 2011

Parameter	*Rinse Blank Date*	*Analyte*	*Blank Result*	*Sample ID*	*Qualified Sample Result*	*Units*
VOCs	12/29/10	Methylene chloride	2.2	MW-8-1-122910-0830	5.7 U	µg/Kg

Notes:
U Not detected.
VOCs Volatile Organic Compounds.

APPENDIX G

Groundwater Calculations – Hydraulic Conductivity

GZA GeoEnvironmental of New York
Engineers and Scientists

Project	GWCM B-P Bldgs		File No.
Location	[illegible] NY	Date 7/12/11	By CJF
Subject	GW Velocity Calculations	Checked 7/13/11	By DJT
Based on		Revised	By

Calculated Hydraulic Conductivities for GWCM B-P Bldgs 7, 8, + 10

Bldg 7

MW-7-1 : 1.0×10^{-4} cm/sec

MW-7-5 : 5.2×10^{-4} cm/sec

MW-7-6 : 1.7×10^{-4} cm/sec

MW-7-7 : 3.9×10^{-5} cm/sec

MW-7-8 : 1.6×10^{-4} cm/sec

Average for Bldg 7
1.7×10^{-4} cm/sec
(175 ft/yr)

Bldg 9

MW-9-1 : 9.9×10^{-4} cm/sec

MW-9-2 : 2.3×10^{-4} cm/sec

MW-9-3 : 9.7×10^{-6} cm/sec

MW-9-4 : 2.2×10^{-5} cm/sec

Average for Bldg 9
3.1×10^{-4} cm/sec ✓
(321 ft/yr)

Bldg 10

MW-10-2 : 6.4×10^{-5} cm/sec

MW-10-3 : 1.7×10^{-4} cm/sec

Average for Bldg 10
1.2×10^{-4} cm/sec ✓

Average for 11 wells installed in part of B-P
2.1×10^{-4} cm/sec

GZA GeoEnvironmental of New York
Engineers and Scientists

Project			File No.
Location Lockport NY	Date		By CLK
Subject GW Velocity Calcs	Checked		By
Based on	Revised		By

Groundwater Velocity Calcs for Bldgs 7, 8, & 10

Bldg 7

Hydraulic Conductivity: 1.7×10^{-4} cm/sec

Hydraulic Gradient: 0.005

Effective Porosity: 0.5% to 5.0%

$V = \frac{Ki}{n_e}$

K = hydraulic conductivity
i = gradient
n_e = effective porosity

Velocity range from: 1.7×10^{-4} cm/s x 0.005 / 0.005 = 175 ft/yr

to: $\frac{1.7 \times 10^{-4} \text{ cm/s} \times 0.005}{0.05}$ = 17.5 ft/yr

Bldg 8

Hydraulic Conductivity: 3.1×10^{-4} cm/sec

Hydraulic Gradient: 0.003

Effective porosity: 0.5% to 5%

Velocity range from: 3.1×10^{-4} (1) = 323.2 ft/yr

to: 3.1×10^{-4} (21) = 32.3 ft/yr

Bldg 10

Hydraulic Conductivity: 1.2×10^{-4} cm/sec

Hydraulic Gradient: 0.005

Effective porosity: 0.5% to 5%

125 ft/yr
12.5 ft/yr

References: Darcy's Law as Applied to the Flow of Water in Sand, Joseph Bear of the Israel Institute of Technology, Transactions of the American Geophysical Union, Volume 39, No. 5, October 1958.

(2) Determination by Jumikis, A.R. Trans Tech Publications, 1983.

(1) Applied Hydrogeology, 3rd Edition, C.W. Fetter, 1994

Bouwer & Rice Slug Test Method
Hydraulic Conductivity Calculation Worksheet

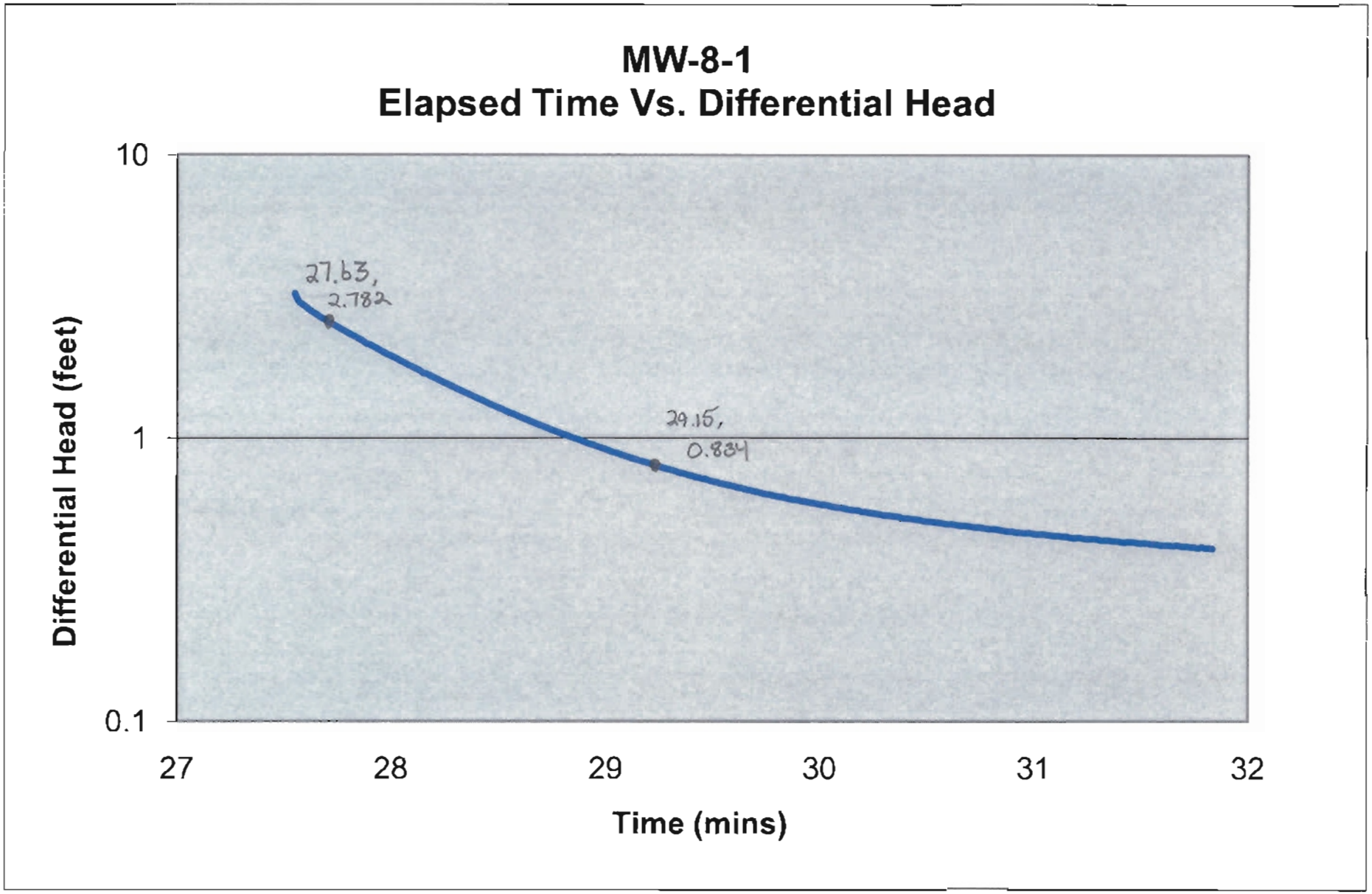
Project	GM Component Holdings, LLC Building 8	**Date**	7/11/2011
		Well No	MW-8-1

H =	50.00	feet	(aquifer thickness =>assumed to top of Rochester Shale)
Le =	7.00	feet	(wetted screen length)
Lw =	17.17	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 =	2.78	feet	(drawdown difference for initial reading at flat portion of curve--see log graph)
yt =	0.83	feet	(drawdown difference for end reading at flat portion of curve--see log graph)
t =	1.52	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 =	*0.968*		*K* =	*1.94E-03*	*ft/min*	*(hydraulic conductivity)*
Re =	*2.632*	*feet*	***K*** **=**	***9.85E-04***	***cm/sec***	***(hydraulic conductivity)***
			K =	*2.79E+00*	*ft/day*	*(hydraulic conductivity)*
			T =	*1.95E+01*	*ft^2/day*	*(transmissivity)*
			T **=**	***146.22***	***gpd/ft***	***(transmissivity)***
			Q =	*0.0839*	*ft^3/min*	*(flowrate)*
			Q =	*0.628*	*gpm*	*(flowrate)*


MW-8-1
Elapsed Time Vs. Differential Head
10
1
0.1
Differential Head (feet)
27.63,
2.782
29.15,
0.834
27
28
29
30
31
32
Time (mins)

Bouwer & Rice Slug Test Method
Hydraulic Conductivity Calculation Worksheet

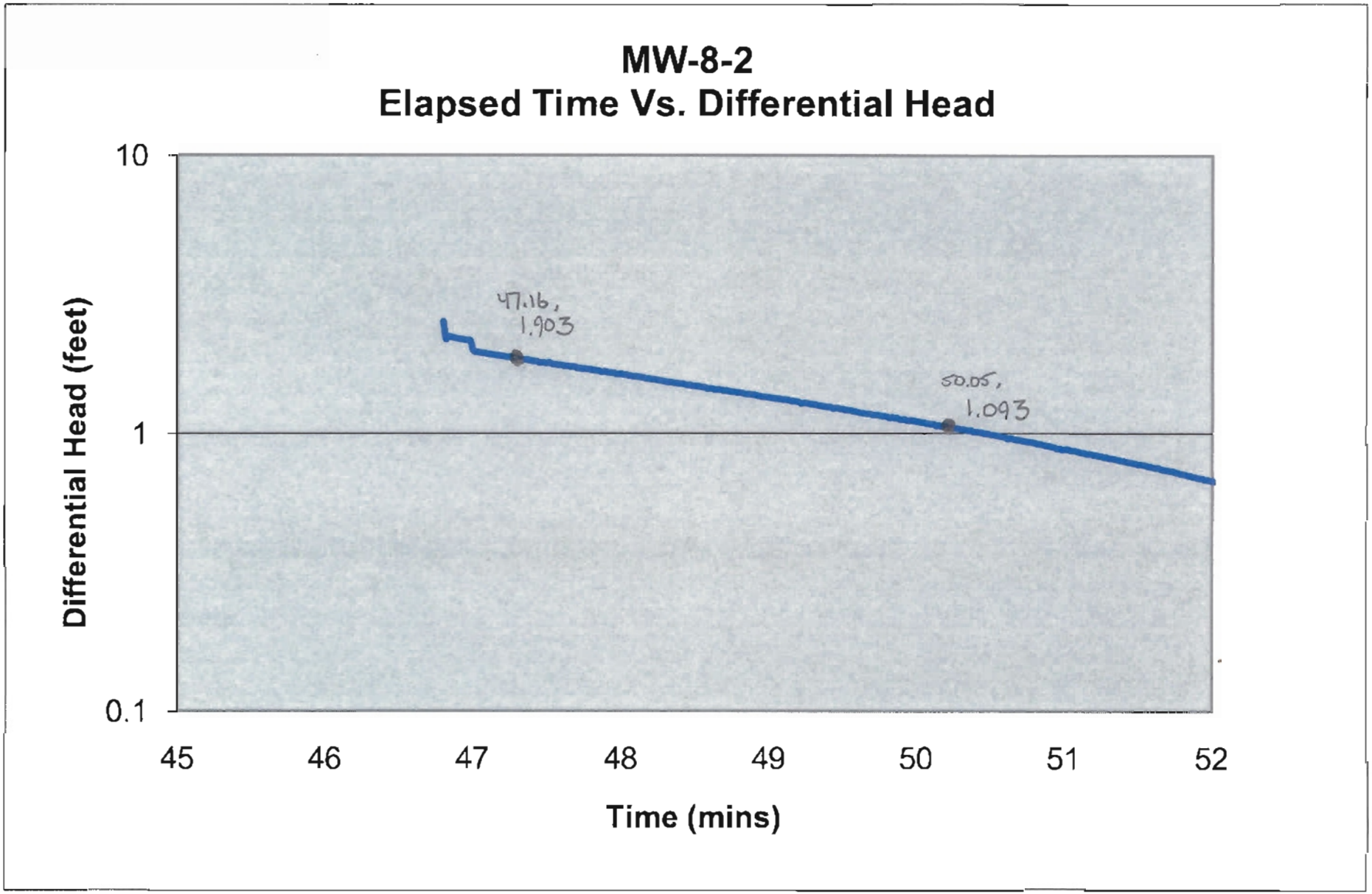
Project	GM Component Holdings, LLC Building 8	**Date** **Well No**	7/11/2011 MW-8-2

H =	50.00	feet	(aquifer thickness =>assumed to top of Rochester Shale)
Le =	7.00	feet	(wetted screen length)
Lw =	15.40	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 =	1.90	feet	(drawdown difference for initial reading at flat portion of curve--see log graph)
yt =	1.09	feet	(drawdown difference for end reading at flat portion of curve--see log graph)
t =	2.89	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 =	*0.920*		*K =*	*4.62E-04*	*ft/min*	*(hydraulic conductivity)*
Re =	*2.509*	*feet*	***K =***	***2.34E-04***	***cm/sec***	***(hydraulic conductivity)***
			K =	*6.65E-01*	*ft/day*	*(hydraulic conductivity)*
			T =	*4.65E+00*	*ft^2/day*	*(transmissivity)*
			T =	***34.80***	***gpd/ft***	***(transmissivity)***
			Q =	*0.0139*	*ft^3/min*	*(flowrate)*
			Q =	*0.104*	*gpm*	*(flowrate)*


MW-8-2
Elapsed Time Vs. Differential Head
Differential Head (feet)
10
1
0.1
45
46
47
48
49
50
51
52
Time (mins)
47.16, 1.903
50.05, 1.093

Bouwer & Rice Slug Test Method
Hydraulic Conductivity Calculation Worksheet

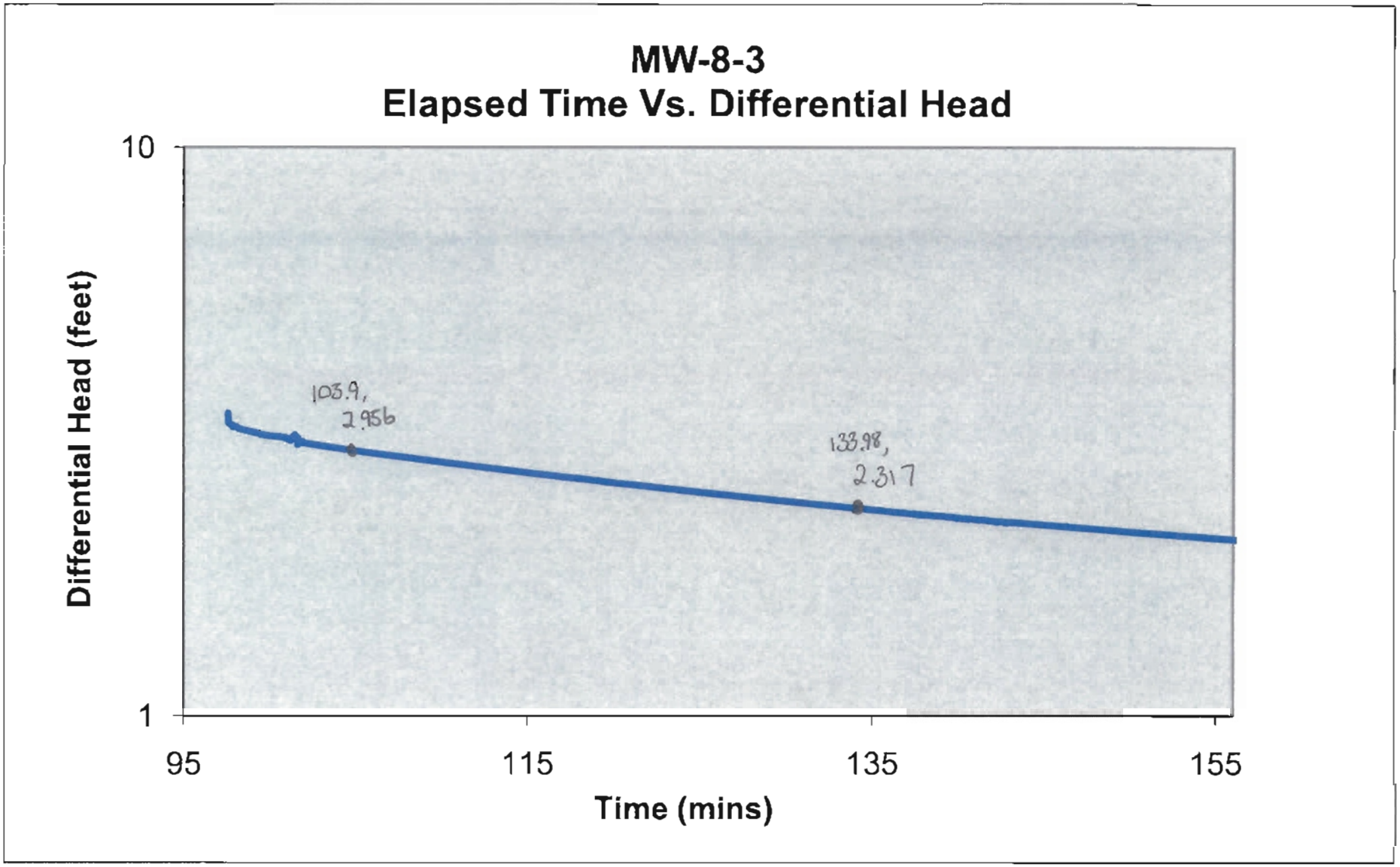
Project	GM Component Holdings, LLC Building 8	**Date** **Well No**	7/11/2011 MW-8-3

H =	50.00	feet	(aquifer thickness =>assumed to top of Rochester Shale)
Le =	7.00	feet	(wetted screen length)
Lw =	13.79	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 =	2.96	feet	(drawdown difference for initial reading at flat portion of curve--see log graph)
yt =	2.32	feet	(drawdown difference for end reading at flat portion of curve--see log graph)
t =	30.08	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 =	*0.872*		*K* =	*1.91E-05*	*ft/min*	*(hydraulic conductivity)*
Re =	*2.391*	*feet*	***K*** =	***9.72E-06***	***cm/sec***	***(hydraulic conductivity)***
			K =	*2.76E-02*	*ft/day*	*(hydraulic conductivity)*
			T =	*1.93E-01*	*ft²/day*	*(transmissivity)*
			T =	***1.44***	***gpd/ft***	***(transmissivity)***
			Q =	*0.0009*	*ft³/min*	*(flowrate)*
			Q =	*0.007*	*gpm*	*(flowrate)*


MW-8-3
Elapsed Time Vs. Differential Head
10
1
Differential Head (feet)
103.9,
2.956
133.98,
2.317
95
115
135
155
Time (mins)

Bouwer & Rice Slug Test Method
Hydraulic Conductivity Calculation Worksheet

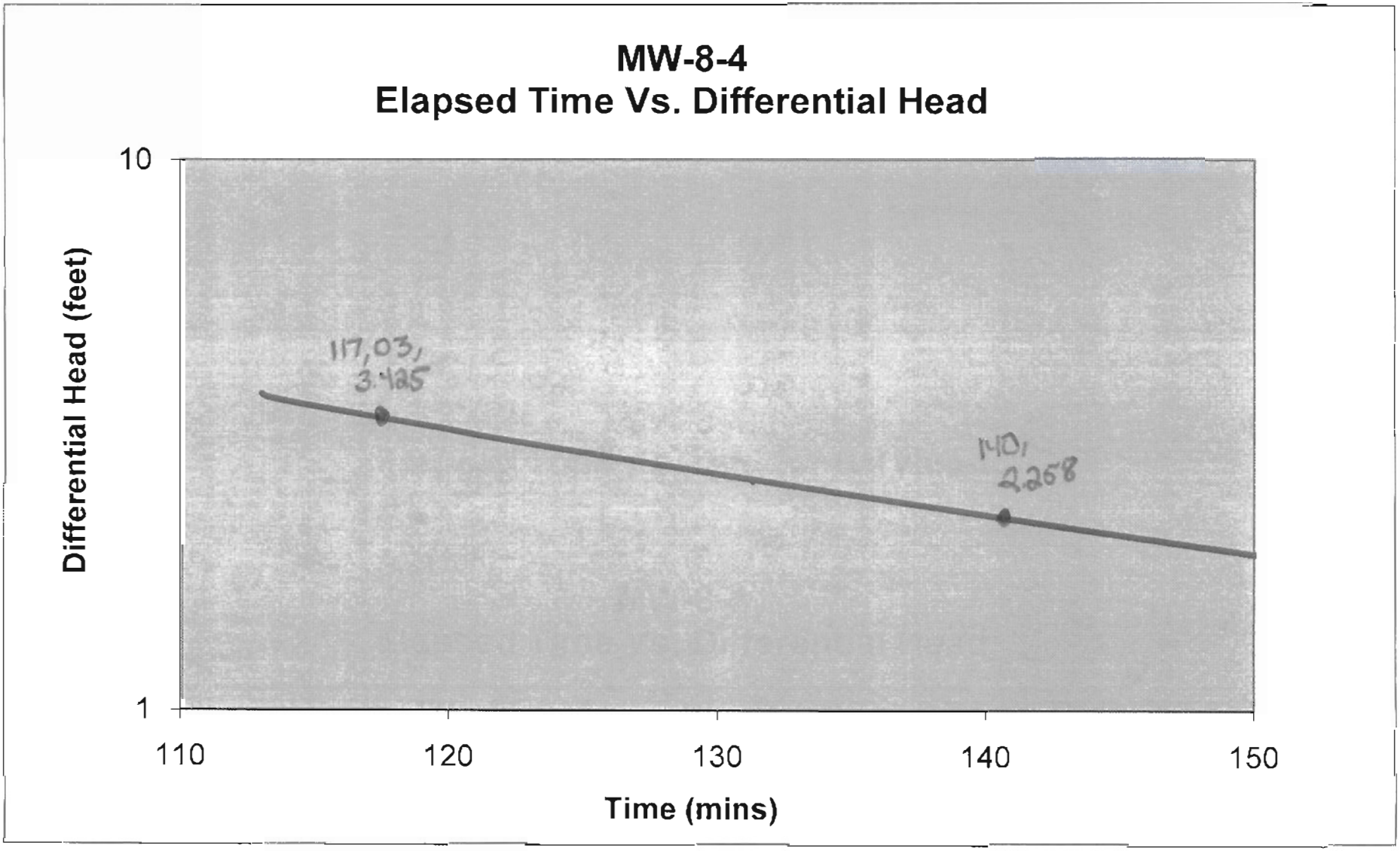
Project	GM Component Holdings, LLC Building 8	**Date** **Well No**	7/11/2011 MW-8-4

H =	50.00	feet	(aquifer thickness =>assumed to top of Rochester Shale)
Le =	7.00	feet	(wetted screen length)
Lw =	14.14	feet	(length from bottom of well to static water table)
rw =	0.156	feet	(borehole radius)
rc =	0.083	feet	(well radius)
n =	0.30		(porosity of sand pack)
yo =	3.43	feet	(drawdown difference for initial reading at flat portion of curve--see log graph)
yt =	2.26	feet	(drawdown difference for end reading at flat portion of curve--see log graph)
t =	22.97	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 =	*0.883*				
Re =	*2.417*	*feet*			
			K = *4.30E-05*	*ft/min*	*(hydraulic conductivity)*
			K = ***2.19E-05***	***cm/sec***	***(hydraulic conductivity)***
			K = *6.20E-02*	*ft/day*	*(hydraulic conductivity)*
			T = *4.34E-01*	*ft^2/day*	*(transmissivity)*
			T = ***3.25***	***gpd/ft***	***(transmissivity)***
			Q = *0.0024*	*ft^3/min*	*(flowrate)*
			Q = *0.018*	*gpm*	*(flowrate)*


MW-8-4
Elapsed Time Vs. Differential Head
Differential Head (feet)
10
1
117,03,
3.425
140,
2.258
110
120
130
140
150
Time (mins)

Bouwer & Rice Slug Test Method
Hydraulic Conductivity Calculation Worksheet

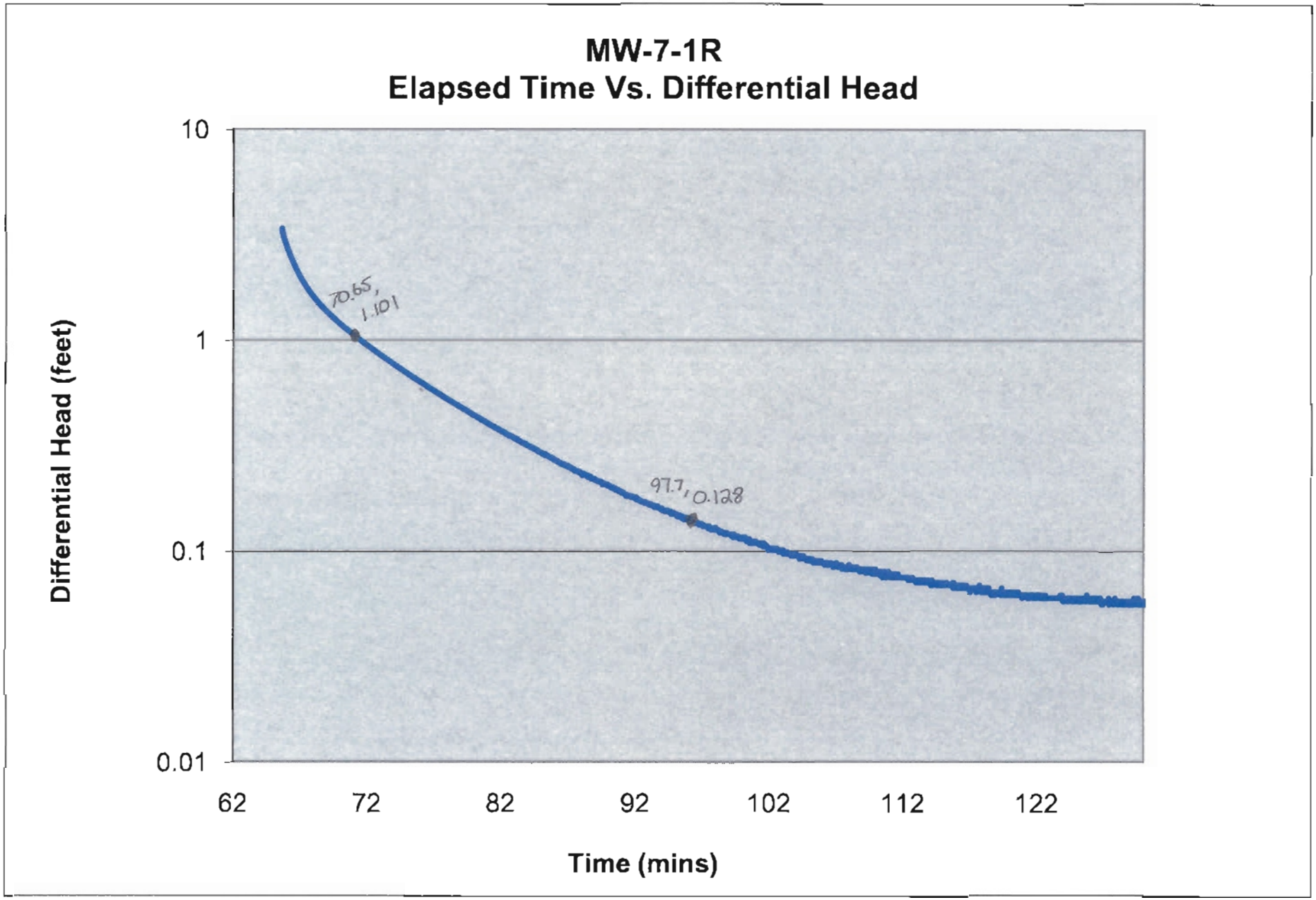
Project	GM Component Holdings, LLC Building 7	**Date**	7/11/2011
		Well No	MW-7-1R

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

Project	GM Components Holdings, LLC			File No.	21.0056546
Location	Building 7, Lockport, NY	Date	7/11/11	By	JTB
Subject	MW-7-1R	Checked		By	BJT
Based on		Revised		By	

$$K = \frac{r_c^2 \ln(R_e/r_w)}{2Le} \times \frac{1}{*} \cdot \ln \frac{y^o}{y^*}$$

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

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

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

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

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

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

Project	GM COMPONENTS HOLDINGS, LLC		File No. 21.0056546
Location	BUILDING 7, LOCKPORT, NY	Date 7/11/11	By JDC
Subject	MW-7-1R	Checked	By JJT
Based on	[illegible]	Revised	By

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

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

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

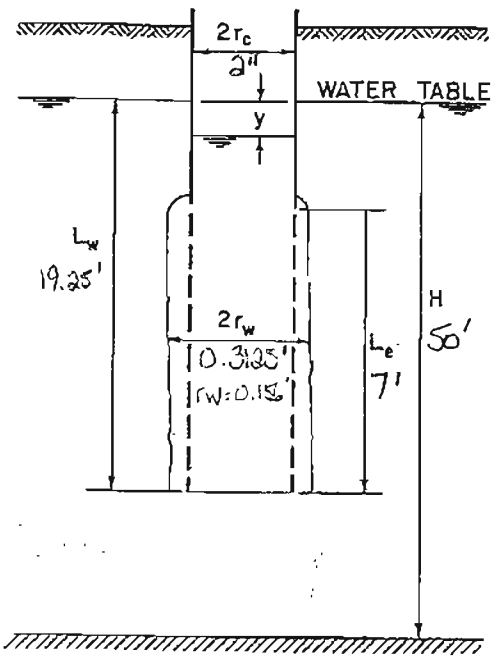
$$Ln\,Re = -1.856 + \left[0.228 + \frac{2.90 + 0.46 * 5.283}{44.87}\right]^{-1}$$

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

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

$$Ln\,Re = -1.856 + 2.883$$

$$Ln\,Re = 1.02 \checkmark$$



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 8 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 8 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 8 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

GM COMPONENTS HOLDINGS, LLC

LOCKPORT FACILITY

200 UPPER MOUNTAIN ROAD

LOCKPORT, NEW YORK

BUILDING 8

BROWNFIELD CLEANUP PROGRAM APPLICATION

LOCUS PLAN

NOTE:

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

NEW YORK

PROJECT No. 21.0056364.00

ATTACHMENT No. 2

FIGURE No. 1

G:\ACT-T\PROJECTS\56300s\56364 Delphi BCP app & SVE Work\BCP App\BUILDING 8\FIGURE 1 LOCUS PLAN.dwg [Figure 1] July 08, 2011 - 5:13pm daniel wulf

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

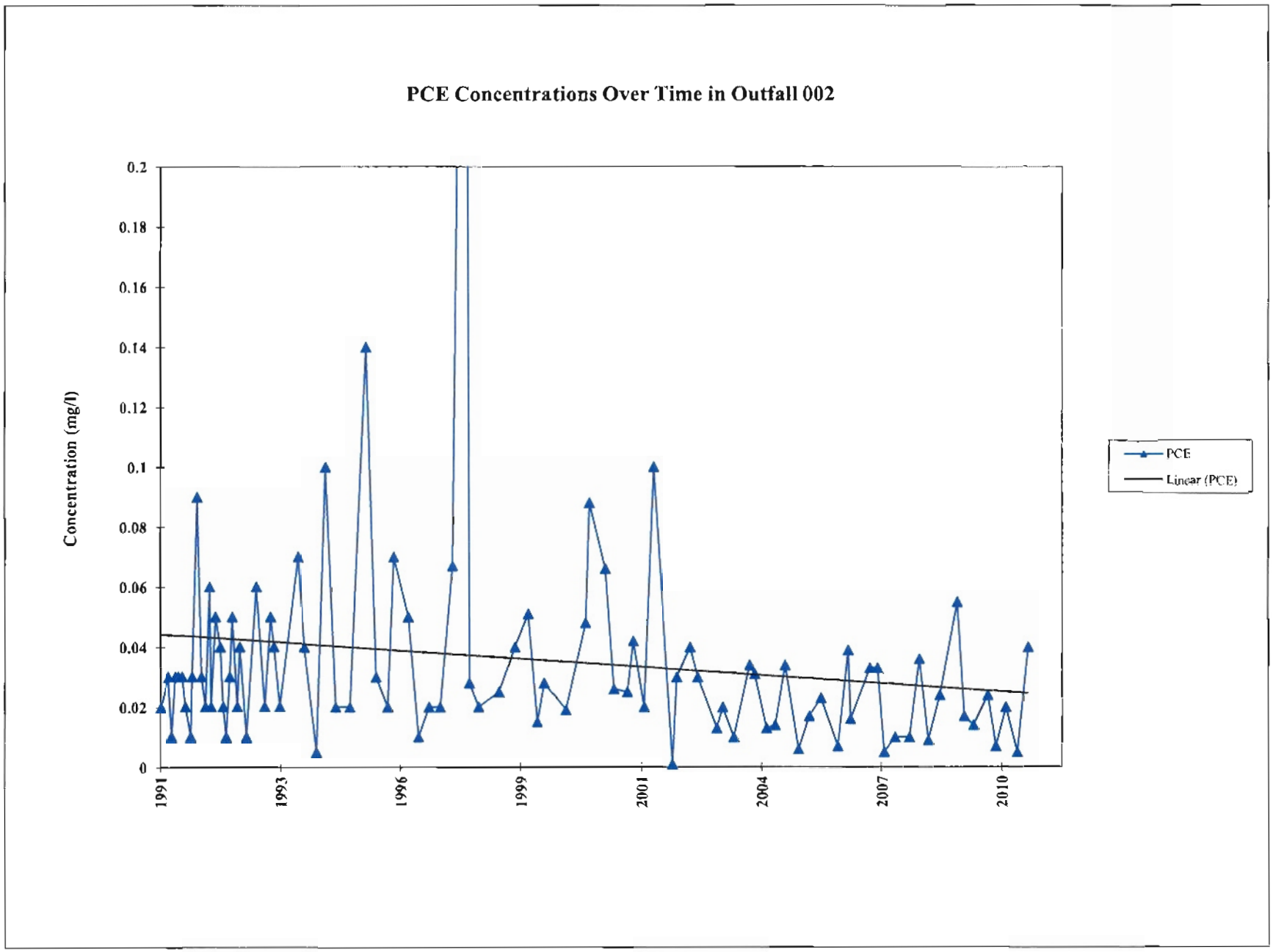
TABLE I-1
Outfall D002 Stormwater Data Summary Table
GMCH Lockport Facility

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

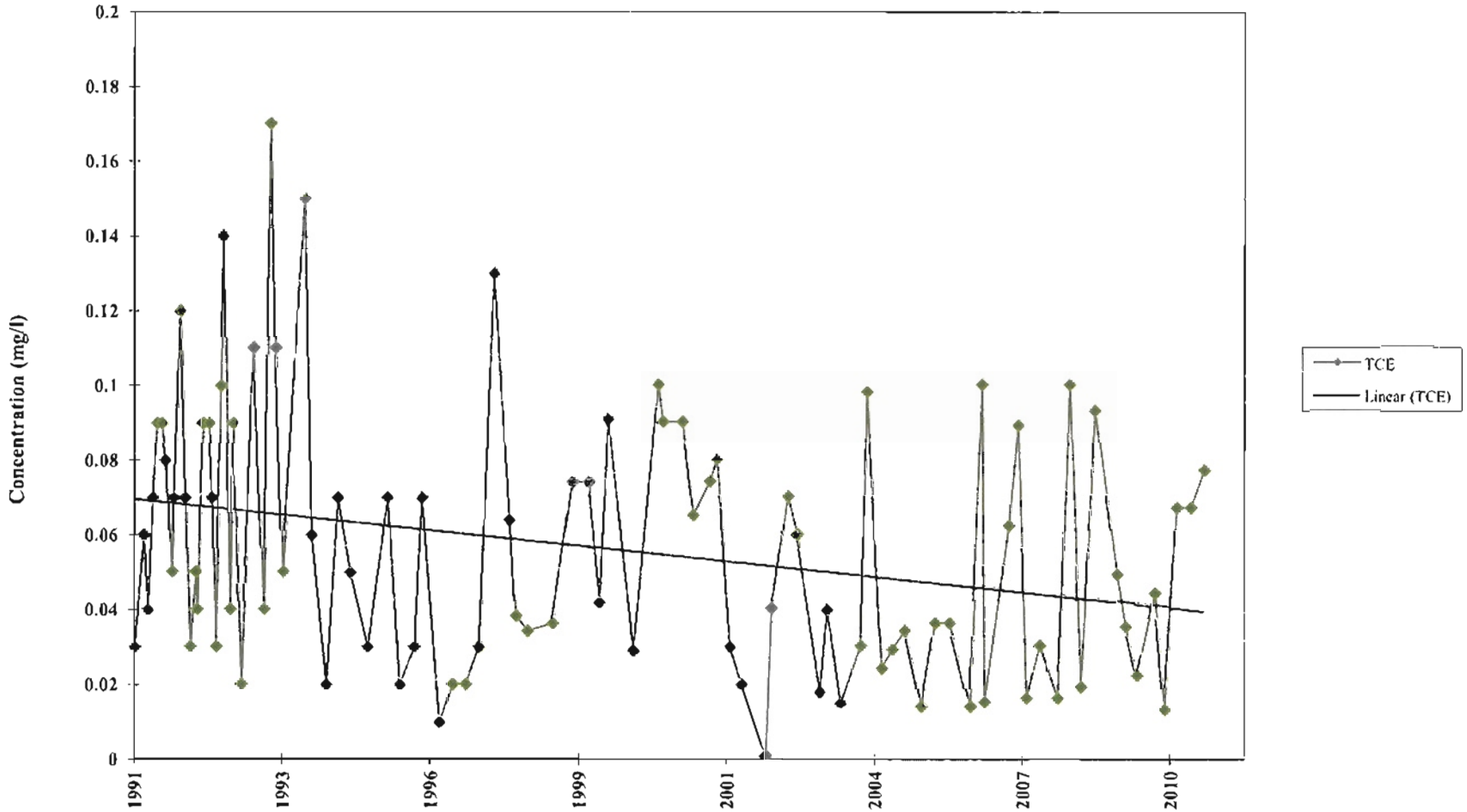
TABLE I-1
Outfall D002 Stormwater Data Summary Table
GMCH Lockport Facility

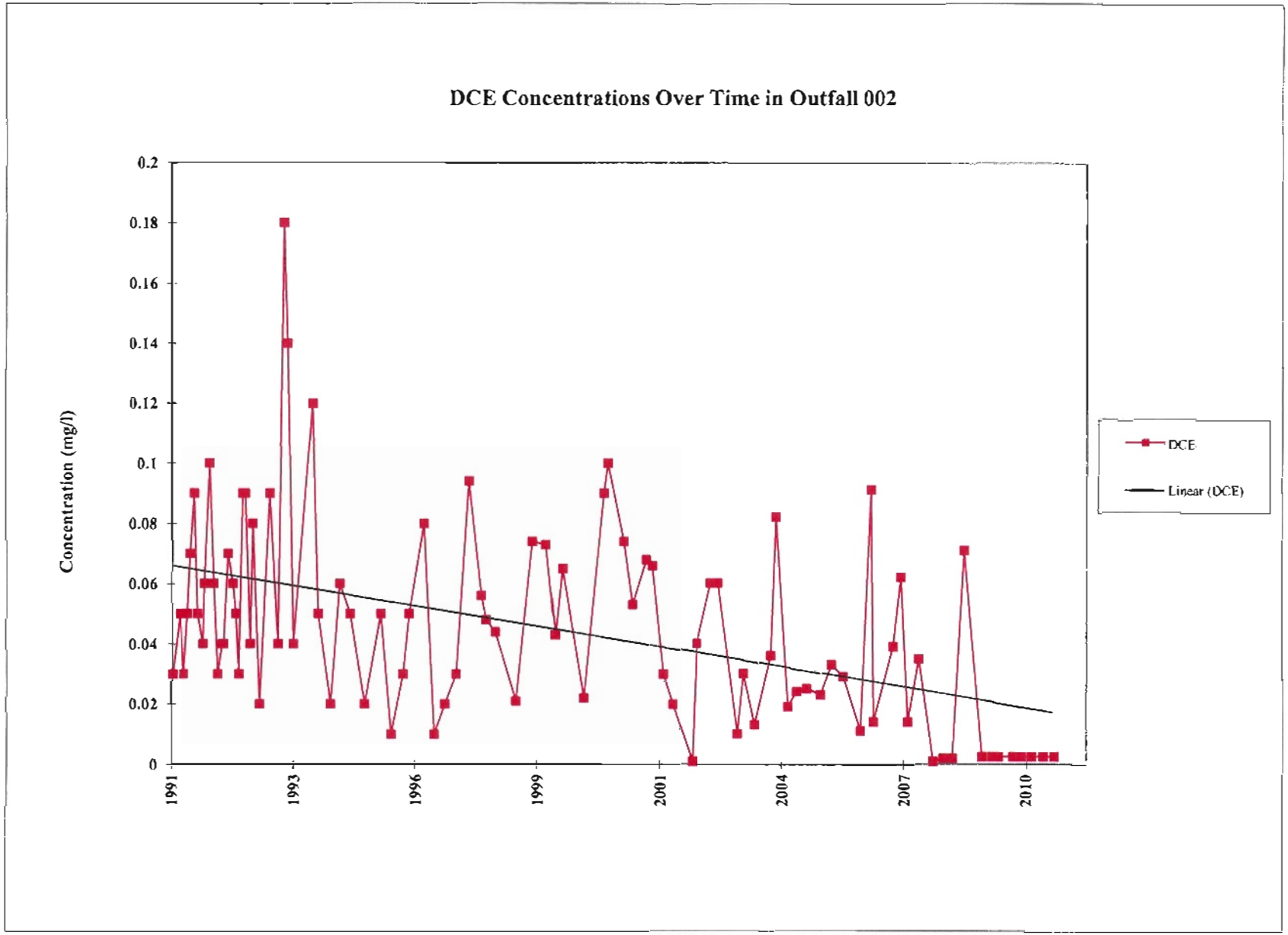
Date	TCE (mg/L)	DCE (mg/L)	PCE (mg/L)
10/13/1999	0.091	0.065	0.028
4/3/2000	0.029	0.022	0.019
9/14/2000	0.1	0.09	0.048
10/16/2000	0.09	0.1	0.088
2/25/2001	0.09	0.074	0.066
5/8/2001	0.065	0.053	0.026
8/28/2001	0.074	0.068	0.025
10/16/2001	0.08	0.066	0.042
1/15/2002	0.03	0.03	0.02
4/4/2002	0.02	0.02	0.1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

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
3/15/2011 14:00	0			
3/15/2011 15:00	0			
3/15/2011 16:00	0			
3/15/2011 17:00	0			
3/15/2011 18:00	0			
3/15/2011 19:00	0			
3/15/2011 20:00	0			
3/15/2011 21:00	0			
3/15/2011 22:00	0			
3/15/2011 23:00	0			
3/16/2011 0:00	0			
3/16/2011 1:00	0			
3/16/2011 2:00	0			
3/16/2011 3:00	0			
3/16/2011 4:00	0			
3/16/2011 5:00	1200			**light rain 41 degrees**
3/16/2011 6:00	6600			
3/16/2011 7:00	10600			
3/16/2011 8:00	10500			
3/16/2011 9:00	8300			
3/16/2011 10:00	9100			
3/16/2011 11:00	7800			
3/16/2011 12:00	6100			
3/16/2011 13:00	5500			
3/16/2011 14:00	4700			
3/16/2011 15:00	4000			
3/16/2011 16:00	3500			
3/16/2011 17:00	2800			
3/16/2011 18:00	2400			
3/16/2011 19:00	600	1		
3/16/2011 20:00	0			
3/16/2011 21:00	0			
3/16/2011 22:00	0			
3/16/2011 23:00	0			
3/17/2011 0:00	0			
3/17/2011 1:00	0			
3/17/2011 2:00	0			
3/17/2011 3:00	0			
3/17/2011 4:00	0			
3/17/2011 5:00	0			
3/17/2011 6:00	0			
3/17/2011 7:00	0			
3/17/2011 8:00	0			
3/17/2011 9:00	0			
3/17/2011 10:00	0			
3/17/2011 11:00	0			
3/17/2011 12:00	0			
3/17/2011 13:00	0			
3/17/2011 14:00	0			
3/17/2011 15:00	0			
3/17/2011 16:00	1400			no precip
3/17/2011 17:00	1700			
3/17/2011 18:00	700			
3/17/2011 19:00	0			
3/17/2011 20:00	0			
3/17/2011 21:00	0			
3/17/2011 22:00	0			
3/17/2011 23:00	0			
3/18/2011 0:00	0			
3/18/2011 1:00	0			
3/18/2011 2:00	0			
3/18/2011 3:00	0			
3/18/2011 4:00	0			

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
3/18/2011 5:00	0			
3/18/2011 6:00	0			
3/18/2011 7:00	0			
3/18/2011 8:00	0			
3/18/2011 9:00	0			
3/18/2011 10:00	0			
3/18/2011 11:00	0			
3/18/2011 12:00	0			
3/18/2011 13:00	0			
3/18/2011 14:00	0			
3/18/2011 15:00	0			
3/18/2011 16:00	0			
3/18/2011 17:00	0			
3/18/2011 18:00	0			
3/18/2011 19:00	0			
3/18/2011 20:00	0			
3/18/2011 21:00	0			
3/18/2011 22:00	0			
3/18/2011 23:00	0			
3/19/2011 0:00	0			
3/19/2011 1:00	0			
3/19/2011 2:00	0			
3/19/2011 3:00	0			
3/19/2011 4:00	0			
3/19/2011 5:00	0			
3/19/2011 6:00	0			
3/19/2011 7:00	0			
3/19/2011 8:00	0			
3/19/2011 9:00	0			
3/19/2011 10:00	0			
3/19/2011 11:00	0			
3/19/2011 12:00	0			
3/19/2011 13:00	0			
3/19/2011 14:00	0			
3/19/2011 15:00	0			
3/19/2011 16:00	0			
3/19/2011 17:00	0			
3/19/2011 18:00	0			
3/19/2011 19:00	0			
3/19/2011 20:00	0			
3/19/2011 21:00	0			
3/19/2011 22:00	0			
3/19/2011 23:00	0			
3/20/2011 0:00	0			
3/20/2011 1:00	0			
3/20/2011 2:00	0			
3/20/2011 3:00	0			
3/20/2011 4:00	0			
3/20/2011 5:00	0			
3/20/2011 6:00	0			
3/20/2011 7:00	0			
3/20/2011 8:00	0			
3/20/2011 9:00	0			
3/20/2011 10:00	0			
3/20/2011 11:00	0			
3/20/2011 12:00	0			
3/20/2011 13:00	0			
3/20/2011 14:00	0			
3/20/2011 15:00	0			
3/20/2011 16:00	0			
3/20/2011 17:00	0			
3/20/2011 18:00	0			
3/20/2011 19:00	0			

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
3/20/2011 20:00	0			
3/20/2011 21:00	0			
3/20/2011 22:00	0			
3/20/2011 23:00	0			
3/21/2011 0:00	0			rain
3/21/2011 1:00	0			
3/21/2011 2:00	0			
3/21/2011 3:00	0			
3/21/2011 4:00	6000			
3/21/2011 5:00	65400			
3/21/2011 6:00	121400			
3/21/2011 7:00	62100			
3/21/2011 8:00	107600			
3/21/2011 9:00	35600			
3/21/2011 10:00	22100			
3/21/2011 11:00	16900			
3/21/2011 12:00	12300			
3/21/2011 13:00	8900			
3/21/2011 14:00	7100			
3/21/2011 15:00	5700			
3/21/2011 16:00	4700			
3/21/2011 17:00	3800			
3/21/2011 18:00	2600			
3/21/2011 19:00	1200	1		
3/21/2011 20:00	0			
3/21/2011 21:00	0			
3/21/2011 22:00	0			
3/21/2011 23:00	0			
3/22/2011 0:00	0			
3/22/2011 1:00	0			
3/22/2011 2:00	0			
3/22/2011 3:00	0			
3/22/2011 4:00	0			
3/22/2011 5:00	0			
3/22/2011 6:00	0			
3/22/2011 7:00	0			
3/22/2011 8:00	0			
3/22/2011 9:00	0			
3/22/2011 10:00	0			
3/22/2011 11:00	0			
3/22/2011 12:00	0			
3/22/2011 13:00	0			
3/22/2011 14:00	0			
3/22/2011 15:00	0			
3/22/2011 16:00	0			
3/22/2011 17:00	0			
3/22/2011 18:00	0			
3/22/2011 19:00	0			
3/22/2011 20:00	0			
3/22/2011 21:00	0			
3/22/2011 22:00	0			
3/22/2011 23:00	0			
3/23/2011 0:00	0			
3/23/2011 1:00	0			
3/23/2011 2:00	0			
3/23/2011 3:00	0			
3/23/2011 4:00	0			
3/23/2011 5:00	0			
3/23/2011 6:00	0			
3/23/2011 7:00	0			
3/23/2011 8:00	0			
3/23/2011 9:00	0			
3/23/2011 10:00	0			

Outfall D002 Storm Water Flow Data
GMCH Lockport Facility

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
3/23/2011 11:00	0			
3/23/2011 12:00	0			
3/23/2011 13:00	0			
3/23/2011 14:00	0			
3/23/2011 15:00	1300			light snow 36 degrees
3/23/2011 16:00	5400			
3/23/2011 17:00	9400			
3/23/2011 18:00	19900			
3/23/2011 19:00	23400			
3/23/2011 20:00	24200			
3/23/2011 21:00	25600			
3/23/2011 22:00	23700			
3/23/2011 23:00	24000			
3/24/2011 0:00	22900			
3/24/2011 1:00	23000			
3/24/2011 2:00	21500		**echo/loss/clean chute**	
3/24/2011 3:00	3200			
3/24/2011 4:00	0			
3/24/2011 5:00	0			
3/24/2011 6:00	0			
3/24/2011 7:00	0			
3/24/2011 8:00	0			
3/24/2011 9:00	0			
3/24/2011 10:00	0			
3/24/2011 11:00	0			
3/24/2011 12:00	1100			no precip 28 degrees
3/24/2011 13:00	1000			
3/24/2011 14:00	1100			
3/24/2011 15:00	1200			
3/24/2011 16:00	2500			
3/24/2011 17:00	2400			
3/24/2011 18:00	2700			
3/24/2011 19:00	4300			
3/24/2011 20:00	4200			
3/24/2011 21:00	3400			
3/24/2011 22:00	1300	1		
3/24/2011 23:00	0			
3/25/2011 0:00	0			
3/25/2011 1:00	0			
3/25/2011 2:00	0			
3/25/2011 3:00	0			
3/25/2011 4:00	0			
3/25/2011 5:00	0			
3/25/2011 6:00	0			
3/25/2011 7:00	0			
3/25/2011 8:00	0			
3/25/2011 9:00	0			
3/25/2011 10:00	0			
3/25/2011 11:00	0			
3/25/2011 12:00	0			
3/25/2011 13:00	0			
3/25/2011 14:00	0			
3/25/2011 15:00	0			
3/25/2011 16:00	0			
3/25/2011 17:00	0			
3/25/2011 18:00	0			
3/25/2011 19:00	0			
3/25/2011 20:00	0			
3/25/2011 21:00	0			
3/25/2011 22:00	0			
3/25/2011 23:00	0			
3/26/2011 0:00	0			
3/26/2011 1:00	0			

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
3/26/2011 2:00	0			
3/26/2011 3:00	0			
3/26/2011 4:00	0			
3/26/2011 5:00	0			
3/26/2011 6:00	0			
3/26/2011 7:00	0			
3/26/2011 8:00	0			
3/26/2011 9:00	0			
3/26/2011 10:00	0			
3/26/2011 11:00	0			
3/26/2011 12:00	0			
3/26/2011 13:00	0			
3/26/2011 14:00	0			
3/26/2011 15:00	0			
3/26/2011 16:00	0			
3/26/2011 17:00	0			
3/26/2011 18:00	0			
3/26/2011 19:00	0			
3/26/2011 20:00	0			
3/26/2011 21:00	0			
3/26/2011 22:00	0			
3/26/2011 23:00	0			
3/27/2011 0:00	0			
3/27/2011 1:00	0			
3/27/2011 2:00	0			
3/27/2011 3:00	0			
3/27/2011 4:00	0			
3/27/2011 5:00	0			
3/27/2011 6:00	0			
3/27/2011 7:00	0			
3/27/2011 8:00	0			
3/27/2011 9:00	0			
3/27/2011 10:00	0			
3/27/2011 11:00	0			
3/27/2011 12:00	0			
3/27/2011 13:00	0			
3/27/2011 14:00	0			
3/27/2011 15:00	0			
3/27/2011 16:00	0			
3/27/2011 17:00	0			
3/27/2011 18:00	0			
3/27/2011 19:00	0			
3/27/2011 20:00	0			
3/27/2011 21:00	0			
3/27/2011 22:00	0			
3/27/2011 23:00	0			
3/28/2011 0:00	0			
3/28/2011 1:00	0			
3/28/2011 2:00	0			
3/28/2011 3:00	0			
3/28/2011 4:00	0			
3/28/2011 5:00	0			
3/28/2011 6:00	0			
3/28/2011 7:00	0			
3/28/2011 8:00	0			
3/28/2011 9:00	0			
3/28/2011 10:00	0			
3/28/2011 11:00	0			
3/28/2011 12:00	0			
3/28/2011 13:00	0			
3/28/2011 14:00	0			
3/28/2011 15:00	0			
3/28/2011 16:00	0			

Outfall D002 Storm Water Flow Data
GMCH Lockport Facility

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
3/28/2011 17:00	0			
3/28/2011 18:00	0			
3/28/2011 19:00	0			
3/28/2011 20:00	0			
3/28/2011 21:00	0			
3/28/2011 22:00	0			
3/28/2011 23:00	0			
3/29/2011 0:00	0			
3/29/2011 1:00	0			
3/29/2011 2:00	0			
3/29/2011 3:00	0			
3/29/2011 4:00	0			
3/29/2011 5:00	0			
3/29/2011 6:00	0			
3/29/2011 7:00	0			
3/29/2011 8:00	0			
3/29/2011 9:00	0			
3/29/2011 10:00	0			
3/29/2011 11:00	0			
3/29/2011 12:00	0			
3/29/2011 13:00	0			
3/29/2011 14:00	0			
3/29/2011 15:00	0			
3/29/2011 16:00	0			
3/29/2011 17:00	200			no precip 41 degrees
3/29/2011 18:00	1600			
3/29/2011 19:00	4000			
3/29/2011 20:00	4000			
3/29/2011 21:00	3000	1		
3/29/2011 22:00	0			
3/29/2011 23:00	0			
3/30/2011 0:00	0			
3/30/2011 1:00	0			
3/30/2011 2:00	0			
3/30/2011 3:00	0			
3/30/2011 4:00	0			
3/30/2011 5:00	0			
3/30/2011 6:00	0			
3/30/2011 7:00	0			
3/30/2011 8:00	0			
3/30/2011 9:00	0			
3/30/2011 10:00	0			
3/30/2011 11:00	0			
3/30/2011 12:00	0			
3/30/2011 13:00	0			
3/30/2011 14:00	1800			light rain
3/30/2011 15:00	7100			
3/30/2011 16:00	8000			
3/30/2011 17:00	5400			
3/30/2011 18:00	3600			
3/30/2011 19:00	1700			
3/30/2011 20:00	0			
3/30/2011 21:00	0			
3/30/2011 22:00	0			
3/30/2011 23:00	0			
3/31/2011 0:00	0			
3/31/2011 1:00	0			
3/31/2011 2:00	0			
3/31/2011 3:00	0			
3/31/2011 4:00	0			
3/31/2011 5:00	0			
3/31/2011 6:00	0			
3/31/2011 7:00	3200			

Outfall D002 Storm Water Flow Data
GMCH Lockport Facility

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
3/31/2011 8:00	3500			
3/31/2011 9:00	3900			
3/31/2011 10:00	4500			
3/31/2011 11:00	5600			
3/31/2011 12:00	4700			
3/31/2011 13:00	2800			
3/31/2011 14:00	1600			
3/31/2011 15:00	1500	1		
3/31/2011 16:00	0			
3/31/2011 17:00	0			
3/31/2011 18:00	0			
3/31/2011 19:00	0			
3/31/2011 20:00	0			
3/31/2011 21:00	0			
3/31/2011 22:00	0			
3/31/2011 23:00	0			
4/1/2011 0:00	0			
4/1/2011 1:00	0			
4/1/2011 2:00	0			
4/1/2011 3:00	0			
4/1/2011 4:00	0			
4/1/2011 5:00	0			
4/1/2011 6:00	0			
4/1/2011 7:00	0			
4/1/2011 8:00	0			
4/1/2011 9:00	0			
4/1/2011 10:00	0			
4/1/2011 11:00	0			
4/1/2011 12:00	0			
4/1/2011 13:00	0			
4/1/2011 14:00	0			
4/1/2011 15:00	0			
4/1/2011 16:00	0			
4/1/2011 17:00	0			
4/1/2011 18:00	0			
4/1/2011 19:00	0			
4/1/2011 20:00	0			
4/1/2011 21:00	0			
4/1/2011 22:00	0			
4/1/2011 23:00	0			
4/2/2011 0:00	0			
4/2/2011 1:00	0			
4/2/2011 2:00	0			
4/2/2011 3:00	0			
4/2/2011 4:00	0			
4/2/2011 5:00	0			
4/2/2011 6:00	0			
4/2/2011 7:00	0			
4/2/2011 8:00	0			
4/2/2011 9:00	0			
4/2/2011 10:00	0			
4/2/2011 11:00	0			
4/2/2011 12:00	0			
4/2/2011 13:00	0			
4/2/2011 14:00	0			
4/2/2011 15:00	0			
4/2/2011 16:00	0			
4/2/2011 17:00	0			
4/2/2011 18:00	0			
4/2/2011 19:00	0			
4/2/2011 20:00	0			
4/2/2011 21:00	0			
4/2/2011 22:00	0			

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
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Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
5/1/2011 20:00	0			
5/1/2011 21:00	0			
5/1/2011 22:00	0			
5/1/2011 23:00	0			
5/2/2011 0:00	0			
5/2/2011 1:00	0			
5/2/2011 2:00	0			
5/2/2011 3:00	0			
5/2/2011 4:00	0			
5/2/2011 5:00	0			
5/2/2011 6:00	0			
5/2/2011 7:00	0			
5/2/2011 8:00	0			
5/2/2011 9:00	0			
5/2/2011 10:00	0			
5/2/2011 11:00	0			
5/2/2011 12:00	0			
5/2/2011 13:00	0			
5/2/2011 14:00	0			
5/2/2011 15:00	162300	1		rain
5/2/2011 16:00	0			
5/2/2011 17:00	0			
5/2/2011 18:00	0			
5/2/2011 19:00	0			
5/2/2011 20:00	0			
5/2/2011 21:00	0			
5/2/2011 22:00	0			
5/2/2011 23:00	0			
5/3/2011 0:00	0			
5/3/2011 1:00	0			
5/3/2011 2:00	0			
5/3/2011 3:00	0			
5/3/2011 4:00	0			
5/3/2011 5:00	0			
5/3/2011 6:00	0			
5/3/2011 7:00	5600			light rain
5/3/2011 8:00	6800			
5/3/2011 9:00	5400			
5/3/2011 10:00	65300			
5/3/2011 11:00	189700			
5/3/2011 12:00	189500			
5/3/2011 13:00	189400			
5/3/2011 14:00	191100			
5/3/2011 15:00	191000			
5/3/2011 16:00	190400			
5/3/2011 17:00	193400			
5/3/2011 18:00	193700			
5/3/2011 19:00	190200			
5/3/2011 20:00	191500			
5/3/2011 21:00	194800			
5/3/2011 22:00	200100			
5/3/2011 23:00	202500			
5/4/2011 0:00	43800			
5/4/2011 1:00	28700			
5/4/2011 2:00	20200			
5/4/2011 3:00	14600			
5/4/2011 4:00	11000			
5/4/2011 5:00	8600			
5/4/2011 6:00	7100			
5/4/2011 7:00	6000			
5/4/2011 8:00	4900			
5/4/2011 9:00	3800			
5/4/2011 10:00	2700			

Outfall D002 Storm Water Flow Data
GMCH Lockport Facility

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
5/4/2011 11:00	1400	1		
5/4/2011 12:00	0			
5/4/2011 13:00	0			
5/4/2011 14:00	0			
5/4/2011 15:00	0			
5/4/2011 16:00	0			
5/4/2011 17:00	0			
5/4/2011 18:00	0			
5/4/2011 19:00	0			
5/4/2011 20:00	0			
5/4/2011 21:00	0			
5/4/2011 22:00	0			
5/4/2011 23:00	0			
5/5/2011 0:00	0			
5/5/2011 1:00	0			
5/5/2011 2:00	0			
5/5/2011 3:00	0			
5/5/2011 4:00	0			
5/5/2011 5:00	0			
5/5/2011 6:00	0			
5/5/2011 7:00	0			
5/5/2011 8:00	0			
5/5/2011 9:00	0			
5/5/2011 10:00	0			
5/5/2011 11:00	0			
5/5/2011 12:00	0			
5/5/2011 13:00	0			
5/5/2011 14:00	0			
5/5/2011 15:00	0			
5/5/2011 16:00	0			
5/5/2011 17:00	1900			no precip
5/5/2011 18:00	5400			erroneous data
5/5/2011 19:00	0			
5/5/2011 20:00	0			
5/5/2011 21:00	0			
5/5/2011 22:00	0			
5/5/2011 23:00	0			
5/6/2011 0:00	0			
5/6/2011 1:00	0			
5/6/2011 2:00	0			
5/6/2011 3:00	0			
5/6/2011 4:00	0			
5/6/2011 5:00	0			
5/6/2011 6:00	0			
5/6/2011 7:00	0			
5/6/2011 8:00	0			
5/6/2011 9:00	0			
5/6/2011 10:00	0			
5/6/2011 11:00	0			
5/6/2011 12:00	0			
5/6/2011 13:00	0			
5/6/2011 14:00	0			
5/6/2011 15:00	0			
5/6/2011 16:00	0			
5/6/2011 17:00	0			
5/6/2011 18:00	0			
5/6/2011 19:00	0			
5/6/2011 20:00	0			
5/6/2011 21:00	0			
5/6/2011 22:00	0			
5/6/2011 23:00	0			
5/7/2011 0:00	0			
5/7/2011 1:00	0			

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
5/7/2011 2:00	0			
5/7/2011 3:00	0			
5/7/2011 4:00	0			
5/7/2011 5:00	0			
5/7/2011 6:00	0			
5/7/2011 7:00	0			
5/7/2011 8:00	0			
5/7/2011 9:00	0			
5/7/2011 10:00	0			
5/7/2011 11:00	0			
5/7/2011 12:00	0			
5/7/2011 13:00	0			
5/7/2011 14:00	0			
5/7/2011 15:00	0			
5/7/2011 16:00	0			
5/7/2011 17:00	0			
5/7/2011 18:00	0			
5/7/2011 19:00	0			
5/7/2011 20:00	0			
5/7/2011 21:00	0			
5/7/2011 22:00	0			
5/7/2011 23:00	0			
5/8/2011 0:00	0			
5/8/2011 1:00	0			
5/8/2011 2:00	0			
5/8/2011 3:00	0			
5/8/2011 4:00	0			
5/8/2011 5:00	0			
5/8/2011 6:00	0			
5/8/2011 7:00	0			
5/8/2011 8:00	0			
5/8/2011 9:00	0			
5/8/2011 10:00	0			
5/8/2011 11:00	0			
5/8/2011 12:00	0			
5/8/2011 13:00	0			
5/8/2011 14:00	0			
5/8/2011 15:00	0			
5/8/2011 16:00	0			
5/8/2011 17:00	0			
5/8/2011 18:00	0			
5/8/2011 19:00	0			
5/8/2011 20:00	0			
5/8/2011 21:00	0			
5/8/2011 22:00	0			
5/8/2011 23:00	0			
5/9/2011 0:00	0			
5/9/2011 1:00	0			
5/9/2011 2:00	0			
5/9/2011 3:00	0			
5/9/2011 4:00	0			
5/9/2011 5:00	0			
5/9/2011 6:00	0			
5/9/2011 7:00	0			
5/9/2011 8:00	0			
5/9/2011 9:00	0			
5/9/2011 10:00	0			
5/9/2011 11:00	0			
5/9/2011 12:00	0			
5/9/2011 13:00	0			
5/9/2011 14:00	0			
5/9/2011 15:00	0			
5/9/2011 16:00	0			

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
5/9/2011 17:00	0			
5/9/2011 18:00	0			
5/9/2011 19:00	0			
5/9/2011 20:00	0			
5/9/2011 21:00	0			
5/9/2011 22:00	0			
5/9/2011 23:00	0			
5/10/2011 0:00	0			
5/10/2011 1:00	0			
5/10/2011 2:00	0			
5/10/2011 3:00	0			
5/10/2011 4:00	0			
5/10/2011 5:00	0			
5/10/2011 6:00	0			
5/10/2011 7:00	0			
5/10/2011 8:00	0			
5/10/2011 9:00	0			
5/10/2011 10:00	0			
5/10/2011 11:00	0			
5/10/2011 12:00	0			
5/10/2011 13:00	0			
5/10/2011 14:00	0			
5/10/2011 15:00	0			
5/10/2011 16:00	0			
5/10/2011 17:00	0			
5/10/2011 18:00	0			
5/10/2011 19:00	0			
5/10/2011 20:00	0			
5/10/2011 21:00	0			
5/10/2011 22:00	0			
5/10/2011 23:00	0			
5/11/2011 0:00	0			
5/11/2011 1:00	0			
5/11/2011 2:00	0			
5/11/2011 3:00	0			
5/11/2011 4:00	0			
5/11/2011 5:00	0			
5/11/2011 6:00	0			
5/11/2011 7:00	0			
5/11/2011 8:00	0			
5/11/2011 9:00	0			
5/11/2011 10:00	0			
5/11/2011 11:00	0			
5/11/2011 12:00	0			
5/11/2011 13:00	0			
5/11/2011 14:00	0			
5/11/2011 15:00	0			
5/11/2011 16:00	0			
5/11/2011 17:00	0			
5/11/2011 18:00	0			
5/11/2011 19:00	0			
5/11/2011 20:00	0			
5/11/2011 21:00	0			
5/11/2011 22:00	0			
5/11/2011 23:00	0			
5/12/2011 0:00	0			
5/12/2011 1:00	0			
5/12/2011 2:00	0			
5/12/2011 3:00	0			
5/12/2011 4:00	0			
5/12/2011 5:00	0			
5/12/2011 6:00	0			
5/12/2011 7:00	0			

Outfall D002 Storm Water Flow Data
GMCH Lockport Facility

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
5/12/2011 8:00	0			
5/12/2011 9:00	0			
5/12/2011 10:00	0			
5/12/2011 11:00	0			
5/12/2011 12:00	0			
5/12/2011 13:00	0			
5/12/2011 14:00	0			
5/12/2011 15:00	0			
5/12/2011 16:00	0			
5/12/2011 17:00	0			
5/12/2011 18:00	0			
5/12/2011 19:00	0			
5/12/2011 20:00	0			
5/12/2011 21:00	0			
5/12/2011 22:00	0			
5/12/2011 23:00	0			
5/13/2011 0:00	0			
5/13/2011 1:00	0			
5/13/2011 2:00	0			
5/13/2011 3:00	0			
5/13/2011 4:00	0			
5/13/2011 5:00	0			
5/13/2011 6:00	0			
5/13/2011 7:00	0			
5/13/2011 8:00	0			
5/13/2011 9:00	0			
5/13/2011 10:00	0			
5/13/2011 11:00	0			
5/13/2011 12:00	0			
5/13/2011 13:00	0			
5/13/2011 14:00	0			
5/13/2011 15:00	0			
5/13/2011 16:00	0			
5/13/2011 17:00	0			
5/13/2011 18:00	0			
5/13/2011 19:00	0			
5/13/2011 20:00	0			
5/13/2011 21:00	0			
5/13/2011 22:00	0			
5/13/2011 23:00	33100			light rain
5/14/2011 0:00	189700			
5/14/2011 1:00	197700			
5/14/2011 2:00	208100			
5/14/2011 3:00	210400			
5/14/2011 4:00	211600			
5/14/2011 5:00	80800			
5/14/2011 6:00	6000			
5/14/2011 7:00	8800			
5/14/2011 8:00	12000			
5/14/2011 9:00	6300			
5/14/2011 10:00	4200			
5/14/2011 11:00	0			
5/14/2011 12:00	0			
5/14/2011 13:00	0			
5/14/2011 14:00	0			
5/14/2011 15:00	0			
5/14/2011 16:00	0			
5/14/2011 17:00	0			
5/14/2011 18:00	0			
5/14/2011 19:00	0			
5/14/2011 20:00	0			
5/14/2011 21:00	0			
5/14/2011 22:00	6200			

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
5/14/2011 23:00	8700			
5/15/2011 0:00	99700			
5/15/2011 1:00	189600			
5/15/2011 2:00	191900			
5/15/2011 3:00	191900			
5/15/2011 4:00	195200			
5/15/2011 5:00	198300			
5/15/2011 6:00	196600			
5/15/2011 7:00	44700			
5/15/2011 8:00	39400			
5/15/2011 9:00	99400			
5/15/2011 10:00	74900			
5/15/2011 11:00	55500			
5/15/2011 12:00	57800			
5/15/2011 13:00	56900			
5/15/2011 14:00	55300			
5/15/2011 15:00	128400			
5/15/2011 16:00	189800			
5/15/2011 17:00	189100			
5/15/2011 18:00	189100			
5/15/2011 19:00	190300			
5/15/2011 20:00	189700			
5/15/2011 21:00	190400			
5/15/2011 22:00	191200			
5/15/2011 23:00	191300			
5/16/2011 0:00	192400			light rain
5/16/2011 1:00	193300			
5/16/2011 2:00	196600			
5/16/2011 3:00	197400			
5/16/2011 4:00	200500			
5/16/2011 5:00	200000			
5/16/2011 6:00	203700			
5/16/2011 7:00	205300			
5/16/2011 8:00	198700			
5/16/2011 9:00	200100			
5/16/2011 10:00	208300			
5/16/2011 11:00	169600			
5/16/2011 12:00	25900			
5/16/2011 13:00	21400			
5/16/2011 14:00	13100			
5/16/2011 15:00	39200			
5/16/2011 16:00	103400			
5/16/2011 17:00	191200			
5/16/2011 18:00	118200			
5/16/2011 19:00	56600			
5/16/2011 20:00	40100			
5/16/2011 21:00	27200			
5/16/2011 22:00	20200			
5/16/2011 23:00	15800			
5/17/2011 0:00	12800			light rain
5/17/2011 1:00	11500			
5/17/2011 2:00	10200			
5/17/2011 3:00	8700			
5/17/2011 4:00	7700			
5/17/2011 5:00	7200			
5/17/2011 6:00	6700			
5/17/2011 7:00	6100			
5/17/2011 8:00	5300			
5/17/2011 9:00	4800			
5/17/2011 10:00	4200			
5/17/2011 11:00	3500			
5/17/2011 12:00	2900			
5/17/2011 13:00	0			

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
5/17/2011 14:00	0			
5/17/2011 15:00	0			
5/17/2011 16:00	0			
5/17/2011 17:00	0			
5/17/2011 18:00	6800			
5/17/2011 19:00	27000			
5/17/2011 20:00	30000			
5/17/2011 21:00	16000			
5/17/2011 22:00	10400			
5/17/2011 23:00	8000			
5/18/2011 0:00	6800			
5/18/2011 1:00	5700			
5/18/2011 2:00	4900			
5/18/2011 3:00	4300			
5/18/2011 4:00	3600			
5/18/2011 5:00	0			
5/18/2011 6:00	10600			
5/18/2011 7:00	159100			
5/18/2011 8:00	165200			
5/18/2011 9:00	65400			
5/18/2011 10:00	58200			
5/18/2011 11:00	44500			
5/18/2011 12:00	28300			
5/18/2011 13:00	17600			
5/18/2011 14:00	11100			
5/18/2011 15:00	7100			
5/18/2011 16:00	4900			
5/18/2011 17:00	3500			
5/18/2011 18:00	3300			
5/18/2011 19:00	3500			
5/18/2011 20:00	36500			
5/18/2011 21:00	77300			
5/18/2011 22:00	170900			
5/18/2011 23:00	112400			
5/19/2011 0:00	71200			
5/19/2011 1:00	49400			
5/19/2011 2:00	33500			
5/19/2011 3:00	23900			
5/19/2011 4:00	18100			
5/19/2011 5:00	14200			
5/19/2011 6:00	10700			
5/19/2011 7:00	8800			
5/19/2011 8:00	7100			
5/19/2011 9:00	5800			
5/19/2011 10:00	3600			
5/19/2011 11:00	2100			
5/19/2011 12:00	700	1		
5/19/2011 13:00	0			
5/19/2011 14:00	0			
5/19/2011 15:00	0			
5/19/2011 16:00	0			
5/19/2011 17:00	0			
5/19/2011 18:00	0			
5/19/2011 19:00	0			
5/19/2011 20:00	0			
5/19/2011 21:00	0			
5/19/2011 22:00	0			
5/19/2011 23:00	0			
5/20/2011 0:00	0			
5/20/2011 1:00	0			
5/20/2011 2:00	0			
5/20/2011 3:00	0			
5/20/2011 4:00	0			

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
5/20/2011 5:00	0			
5/20/2011 6:00	0			
5/20/2011 7:00	0			
5/20/2011 8:00	0			
5/20/2011 9:00	0			
5/20/2011 10:00	0			
5/20/2011 11:00	0			
5/20/2011 12:00	0			
5/20/2011 13:00	9300			rain
5/20/2011 14:00	174700			
5/20/2011 15:00	29600			
5/20/2011 16:00	7600			
5/20/2011 17:00	3400			
5/20/2011 18:00	1100			
5/20/2011 19:00	200			
5/20/2011 20:00	500	1		
5/20/2011 21:00	0			
5/20/2011 22:00	0			
5/20/2011 23:00	0			
5/21/2011 0:00	0			
5/21/2011 1:00	0			
5/21/2011 2:00	0			
5/21/2011 3:00	0			
5/21/2011 4:00	0			
5/21/2011 5:00	0			
5/21/2011 6:00	0			
5/21/2011 7:00	0			
5/21/2011 8:00	0			
5/21/2011 9:00	0			
5/21/2011 10:00	0			
5/21/2011 11:00	0			
5/21/2011 12:00	0			
5/21/2011 13:00	0			
5/21/2011 14:00	0			
5/21/2011 15:00	0			
5/21/2011 16:00	0			
5/21/2011 17:00	0			
5/21/2011 18:00	0			
5/21/2011 19:00	0			
5/21/2011 20:00	0			
5/21/2011 21:00	0			
5/21/2011 22:00	0			
5/21/2011 23:00	0			
5/22/2011 0:00	0			
5/22/2011 1:00	0			
5/22/2011 2:00	0			
5/22/2011 3:00	0			
5/22/2011 4:00	0			
5/22/2011 5:00	0			
5/22/2011 6:00	0			
5/22/2011 7:00	0			
5/22/2011 8:00	0			
5/22/2011 9:00	0			
5/22/2011 10:00	0			
5/22/2011 11:00	0			
5/22/2011 12:00	0			
5/22/2011 13:00	0			
5/22/2011 14:00	0			
5/22/2011 15:00	0			
5/22/2011 16:00	0			
5/22/2011 17:00	0			
5/22/2011 18:00	0			
5/22/2011 19:00	0			

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
5/22/2011 20:00	0			
5/22/2011 21:00	0			
5/22/2011 22:00	0			
5/22/2011 23:00	0			
5/23/2011 0:00	0			
5/23/2011 1:00	0			
5/23/2011 2:00	0			
5/23/2011 3:00	0			
5/23/2011 4:00	0			
5/23/2011 5:00	0			
5/23/2011 6:00	0			
5/23/2011 7:00	0			
5/23/2011 8:00	0			
5/23/2011 9:00	0			
5/23/2011 10:00	0			
5/23/2011 11:00	0			
5/23/2011 12:00	0			
5/23/2011 13:00	0			
5/23/2011 14:00	0			
5/23/2011 15:00	0			
5/23/2011 16:00	0			
5/23/2011 17:00	0			
5/23/2011 18:00	0			
5/23/2011 19:00	0			
5/23/2011 20:00	0			
5/23/2011 21:00	0			
5/23/2011 22:00	0			
5/23/2011 23:00	0			
5/24/2011 0:00	0			
5/24/2011 1:00	0			
5/24/2011 2:00	0			
5/24/2011 3:00	0			
5/24/2011 4:00	0			
5/24/2011 5:00	0			
5/24/2011 6:00	0			
5/24/2011 7:00	0			
5/24/2011 8:00	0			
5/24/2011 9:00	0			
5/24/2011 10:00	0			
5/24/2011 11:00	0			
5/24/2011 12:00	0			
5/24/2011 13:00	0			
5/24/2011 14:00	0			
5/24/2011 15:00	0			
5/24/2011 16:00	0			
5/24/2011 17:00	0			
5/24/2011 18:00	0			
5/24/2011 19:00	0			
5/24/2011 20:00	0			
5/24/2011 21:00	0			
5/24/2011 22:00	0			
5/24/2011 23:00	0			
5/25/2011 0:00	0			
5/25/2011 1:00	0			
5/25/2011 2:00	0			
5/25/2011 3:00	0			
5/25/2011 4:00	0			
5/25/2011 5:00	0			
5/25/2011 6:00	0			
5/25/2011 7:00	0			
5/25/2011 8:00	0			
5/25/2011 9:00	0			
5/25/2011 10:00	0			

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
5/25/2011 11:00	0			
5/25/2011 12:00	0			
5/25/2011 13:00	0			
5/25/2011 14:00	0			
5/25/2011 15:00	0			
5/25/2011 16:00	0			
5/25/2011 17:00	0			
5/25/2011 18:00	0			
5/25/2011 19:00	0			
5/25/2011 20:00	0			
5/25/2011 21:00	0			
5/25/2011 22:00	0			
5/25/2011 23:00	0			
5/26/2011 0:00	172100			rain
5/26/2011 1:00	202700			
5/26/2011 2:00	152600			
5/26/2011 3:00	7700			
5/26/2011 4:00	3700			
5/26/2011 5:00	0			
5/26/2011 6:00	0			
5/26/2011 7:00	0			
5/26/2011 8:00	9500			
5/26/2011 9:00	24400			
5/26/2011 10:00	40500			
5/26/2011 11:00	10300			
5/26/2011 12:00	1600			
5/26/2011 13:00	0			
5/26/2011 14:00	0			
5/26/2011 15:00	0			
5/26/2011 16:00	0			
5/26/2011 17:00	0			
5/26/2011 18:00	0			
5/26/2011 19:00	1300			
5/26/2011 20:00	21300			
5/26/2011 21:00	12800			
5/26/2011 22:00	22200			
5/26/2011 23:00	11200			
5/27/2011 0:00	13700			
5/27/2011 1:00	178200			
5/27/2011 2:00	204500			
5/27/2011 3:00	148700			
5/27/2011 4:00	16700			
5/27/2011 5:00	12100			
5/27/2011 6:00	9000			
5/27/2011 7:00	7100			
5/27/2011 8:00	49900			
5/27/2011 9:00	99900			
5/27/2011 10:00	30700			
5/27/2011 11:00	17200			
5/27/2011 12:00	11600			
5/27/2011 13:00	8100			
5/27/2011 14:00	5500			
5/27/2011 15:00	3400			
5/27/2011 16:00	0			
5/27/2011 17:00	0			
5/27/2011 18:00	600			
5/27/2011 19:00	6400			
5/27/2011 20:00	11400			
5/27/2011 21:00	11300			
5/27/2011 22:00	11200			
5/27/2011 23:00	11900			
5/28/2011 0:00	7400			
5/28/2011 1:00	4400	1		

Outfall D002 Storm Water Flow Data
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			

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
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			

Outfall D002 Storm Water Flow Data
GMCH Lockport Facility

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
7/14/2011 8:00	800			
7/14/2011 9:00	100			
7/14/2011 10:00	300			
7/14/2011 11:00	0			
7/14/2011 12:00	0			
7/14/2011 13:00	0			
7/14/2011 14:00	200	1		
7/14/2011 15:00	0			
7/14/2011 16:00	0			
7/14/2011 17:00	0			
7/14/2011 18:00	0			
7/14/2011 19:00	0			
7/14/2011 20:00	0			
7/14/2011 21:00	0			
7/14/2011 22:00	0			
7/14/2011 23:00	0			
7/15/2011 0:00	0			
7/15/2011 1:00	0			
7/15/2011 2:00	0			
7/15/2011 3:00	0			
7/15/2011 4:00	0			
7/15/2011 5:00	0			
7/15/2011 6:00	0			
7/15/2011 7:00	0			
7/15/2011 8:00	0			
7/15/2011 9:00	0			
7/15/2011 10:00	0			
7/15/2011 11:00	0			
7/15/2011 12:00	0			
7/15/2011 13:00	0			
7/15/2011 14:00	0			
7/15/2011 15:00	0			
7/15/2011 16:00	0			
7/15/2011 17:00	0			
7/15/2011 18:00	0			
7/15/2011 19:00	0			
7/15/2011 20:00	0			
7/15/2011 21:00	0			
7/15/2011 22:00	0			
7/15/2011 23:00	0			
7/16/2011 0:00	0			
7/16/2011 1:00	0			
7/16/2011 2:00	0			
7/16/2011 3:00	0			
7/16/2011 4:00	0			
7/16/2011 5:00	0			
7/16/2011 6:00	0			
7/16/2011 7:00	0			
7/16/2011 8:00	0			
7/16/2011 9:00	0			
7/16/2011 10:00	0			
7/16/2011 11:00	0			
7/16/2011 12:00	0			
7/16/2011 13:00	0			
7/16/2011 14:00	0			
7/16/2011 15:00	0			
7/16/2011 16:00	0			
7/16/2011 17:00	0			
7/16/2011 18:00	0			
7/16/2011 19:00	0			
7/16/2011 20:00	0			
7/16/2011 21:00	0			
7/16/2011 22:00	0			

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
7/16/2011 23:00	0			
7/17/2011 0:00	0			
7/17/2011 1:00	0			
7/17/2011 2:00	0			
7/17/2011 3:00	0			
7/17/2011 4:00	0			
7/17/2011 5:00	0			
7/17/2011 6:00	0			
7/17/2011 7:00	0			
7/17/2011 8:00	0			
7/17/2011 9:00	0			
7/17/2011 10:00	0			
7/17/2011 11:00	0			
7/17/2011 12:00	0			
7/17/2011 13:00	0			
7/17/2011 14:00	0			
7/17/2011 15:00	0			
7/17/2011 16:00	0			
7/17/2011 17:00	0			
7/17/2011 18:00	0			
7/17/2011 19:00	0			
7/17/2011 20:00	0			
7/17/2011 21:00	0			
7/17/2011 22:00	0			
7/17/2011 23:00	0			
7/18/2011 0:00	0			
7/18/2011 1:00	0			
7/18/2011 2:00	0			
7/18/2011 3:00	0			
7/18/2011 4:00	0			
7/18/2011 5:00	0			
7/18/2011 6:00	0			
7/18/2011 7:00	0			
7/18/2011 8:00	0			
7/18/2011 9:00	33000			no precip
7/18/2011 10:00	6900			erroneous data
7/18/2011 11:00	0			
7/18/2011 12:00	0			
7/18/2011 13:00	0			
7/18/2011 14:00	0			
7/18/2011 15:00	0			
7/18/2011 16:00	0			
7/18/2011 17:00	0			
7/18/2011 18:00	0			
7/18/2011 19:00	0			
7/18/2011 20:00	0			
7/18/2011 21:00	0			
7/18/2011 22:00	0			
7/18/2011 23:00	0			
7/19/2011 0:00	0			
7/19/2011 1:00	0			
7/19/2011 2:00	0			
7/19/2011 3:00	0			
7/19/2011 4:00	0			
7/19/2011 5:00	0			
7/19/2011 6:00	0			
7/19/2011 7:00	0			
7/19/2011 8:00	0			
7/19/2011 9:00	0			
7/19/2011 10:00	0			
7/19/2011 11:00	0			
7/19/2011 12:00	0			
7/19/2011 13:00	0			

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
7/19/2011 14:00	0			
7/19/2011 15:00	0			
7/19/2011 16:00	0			
7/19/2011 17:00	0			
7/19/2011 18:00	0			
7/19/2011 19:00	0			
7/19/2011 20:00	0			
7/19/2011 21:00	0			
7/19/2011 22:00	0			
7/19/2011 23:00	0			
7/20/2011 0:00	0			
7/20/2011 1:00	0			
7/20/2011 2:00	0			
7/20/2011 3:00	0			
7/20/2011 4:00	0			
7/20/2011 5:00	0			
7/20/2011 6:00	0			
7/20/2011 7:00	0			
7/20/2011 8:00	0			
7/20/2011 9:00	0			
7/20/2011 10:00	0			
7/20/2011 11:00	0			
7/20/2011 12:00	0			
7/20/2011 13:00	0			
7/20/2011 14:00	0			
7/20/2011 15:00	0			
7/20/2011 16:00	0			
7/20/2011 17:00	0			
7/20/2011 18:00	0			
7/20/2011 19:00	0			
7/20/2011 20:00	0			
7/20/2011 21:00	0			
7/20/2011 22:00	0			
7/20/2011 23:00	0			
7/21/2011 0:00	0			
7/21/2011 1:00	0			
7/21/2011 2:00	0			
7/21/2011 3:00	0			
7/21/2011 4:00	0			
7/21/2011 5:00	0			
7/21/2011 6:00	0			
7/21/2011 7:00	0			
7/21/2011 8:00	0			
7/21/2011 9:00	0			
7/21/2011 10:00	0			
7/21/2011 11:00	0			
7/21/2011 12:00	0			
7/21/2011 13:00	0			
7/21/2011 14:00	0			
7/21/2011 15:00	0			
7/21/2011 16:00	0			
7/21/2011 17:00	0			
7/21/2011 18:00	0			
7/21/2011 19:00	0			
7/21/2011 20:00	0			
7/21/2011 21:00	0			
7/21/2011 22:00	0			
7/21/2011 23:00	0			
7/22/2011 0:00	0			
7/22/2011 1:00	0			
7/22/2011 2:00	0			
7/22/2011 3:00	0			
7/22/2011 4:00	0			

Outfall D002 Storm Water Flow Data
GMCH Lockport Facility

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
7/22/2011 5:00	0			
7/22/2011 6:00	0			
7/22/2011 7:00	0			
7/22/2011 8:00	0			
7/22/2011 9:00	0			
7/22/2011 10:00	0			
7/22/2011 11:00	0			
7/22/2011 12:00	0			
7/22/2011 13:00	0			
7/22/2011 14:00	0			
7/22/2011 15:00	0			
7/22/2011 16:00	0			
7/22/2011 17:00	0			
7/22/2011 18:00	0			
7/22/2011 19:00	0			
7/22/2011 20:00	0			
7/22/2011 21:00	0			
7/22/2011 22:00	0			
7/22/2011 23:00	0			
7/23/2011 0:00	0			
7/23/2011 1:00	0			
7/23/2011 2:00	0			
7/23/2011 3:00	0			
7/23/2011 4:00	0			
7/23/2011 5:00	0			
7/23/2011 6:00	0			
7/23/2011 7:00	0			
7/23/2011 8:00	0			
7/23/2011 9:00	0			
7/23/2011 10:00	0			
7/23/2011 11:00	0			
7/23/2011 12:00	0			
7/23/2011 13:00	0			
7/23/2011 14:00	0			
7/23/2011 15:00	0			
7/23/2011 16:00	0			
7/23/2011 17:00	0			
7/23/2011 18:00	0			
7/23/2011 19:00	0			
7/23/2011 20:00	0			
7/23/2011 21:00	0			
7/23/2011 22:00	0			
7/23/2011 23:00	0			
7/24/2011 0:00	0			
7/24/2011 1:00	0			
7/24/2011 2:00	0			
7/24/2011 3:00	0			
7/24/2011 4:00	0			
7/24/2011 5:00	2100	1		heavy rain
7/24/2011 6:00	0			
7/24/2011 7:00	0			
7/24/2011 8:00	0			
7/24/2011 9:00	0			
7/24/2011 10:00	0			
7/24/2011 11:00	0			
7/24/2011 12:00	0			
7/24/2011 13:00	0			
7/24/2011 14:00	0			
7/24/2011 15:00	0			
7/24/2011 16:00	0			
7/24/2011 17:00	0			
7/24/2011 18:00	0			
7/24/2011 19:00	0			

Outfall D002 Storm Water Flow Data
GMCH Lockport Facility

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
7/24/2011 20:00	0			
7/24/2011 21:00	0			
7/24/2011 22:00	0			
7/24/2011 23:00	0			
7/25/2011 0:00	0			
7/25/2011 1:00	0			
7/25/2011 2:00	0			
7/25/2011 3:00	0			
7/25/2011 4:00	0			
7/25/2011 5:00	0			
7/25/2011 6:00	0			
7/25/2011 7:00	0			
7/25/2011 8:00	0			
7/25/2011 9:00	71400			rain
7/25/2011 10:00	44100			
7/25/2011 11:00	1700	1		
7/25/2011 12:00	0			
7/25/2011 13:00	0			
7/25/2011 14:00	0			
7/25/2011 15:00	0			
7/25/2011 16:00	0			
7/25/2011 17:00	0			
7/25/2011 18:00	0			
7/25/2011 19:00	0			
7/25/2011 20:00	0			
7/25/2011 21:00	0			
7/25/2011 22:00	0			
7/25/2011 23:00	0			
7/26/2011 0:00	0			
7/26/2011 1:00	0			
7/26/2011 2:00	0			
7/26/2011 3:00	0			
7/26/2011 4:00	0			
7/26/2011 5:00	0			
7/26/2011 6:00	0			
7/26/2011 7:00	0			
7/26/2011 8:00	0			
7/26/2011 9:00	0			
7/26/2011 10:00	0			
7/26/2011 11:00	0			
7/26/2011 12:00	0			
7/26/2011 13:00	0			
7/26/2011 14:00	0			
7/26/2011 15:00	0			
7/26/2011 16:00	0			
7/26/2011 17:00	0			
7/26/2011 18:00	0			
7/26/2011 19:00	0			
7/26/2011 20:00	0			
7/26/2011 21:00	0			
7/26/2011 22:00	0			
7/26/2011 23:00	0			
7/27/2011 0:00	0			
7/27/2011 1:00	0			
7/27/2011 2:00	0			
7/27/2011 3:00	0			
7/27/2011 4:00	0			
7/27/2011 5:00	0			
7/27/2011 6:00	0			
7/27/2011 7:00	0			
7/27/2011 8:00	0			
7/27/2011 9:00	0			
7/27/2011 10:00	0			

Outfall D002 Storm Water Flow Data
GMCH Lockport Facility

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
7/27/2011 11:00	0			
7/27/2011 12:00	0			
7/27/2011 13:00	0			
7/27/2011 14:00	0			
7/27/2011 15:00	0			
7/27/2011 16:00	0			
7/27/2011 17:00	0			
7/27/2011 18:00	0			
7/27/2011 19:00	0			
7/27/2011 20:00	0			
7/27/2011 21:00	0			
7/27/2011 22:00	0			
7/27/2011 23:00	0			
7/28/2011 0:00	0			
7/28/2011 1:00	0			
7/28/2011 2:00	0			
7/28/2011 3:00	0			
7/28/2011 4:00	0			
7/28/2011 5:00	0			
7/28/2011 6:00	0			
7/28/2011 7:00	0			
7/28/2011 8:00	0			
7/28/2011 9:00	0			
7/28/2011 10:00	0			
7/28/2011 11:00	0			
7/28/2011 12:00	0			
7/28/2011 13:00	0			
7/28/2011 14:00	0			
7/28/2011 15:00	0			
7/28/2011 16:00	0			
7/28/2011 17:00	0			
7/28/2011 18:00	0			
7/28/2011 19:00	0			
7/28/2011 20:00	0			
7/28/2011 21:00	0			
7/28/2011 22:00	0			
7/28/2011 23:00	0			
7/29/2011 0:00	0			
7/29/2011 1:00	0			
7/29/2011 2:00	0			
7/29/2011 3:00	0			
7/29/2011 4:00	0			
7/29/2011 5:00	0			
7/29/2011 6:00	0			
7/29/2011 7:00	0			
7/29/2011 8:00	23800			rain
7/29/2011 9:00	20000			
7/29/2011 10:00	146200			
7/29/2011 11:00	187500			
7/29/2011 12:00	204800			
7/29/2011 13:00	193900			
7/29/2011 14:00	196700			
7/29/2011 15:00	207700			
7/29/2011 16:00	207800			
7/29/2011 17:00	123700	1		
7/29/2011 18:00	0			
7/29/2011 19:00	0			
7/29/2011 20:00	0			
7/29/2011 21:00	0			
7/29/2011 22:00	0			
7/29/2011 23:00	0			
7/30/2011 0:00	0			
7/30/2011 1:00	0			

Outfall D002 Storm Water Flow Data
GMCH Lockport Facility

Time Period	GALLONS DISCHARGED SINCE PREVIOUS READING	Event	Inspection Notes	Unofficial Weather from Niagara Fall Airport
7/30/2011 2:00	0			
7/30/2011 3:00	0			
7/30/2011 4:00	0			
7/30/2011 5:00	0			
7/30/2011 6:00	0			
7/30/2011 7:00	0			
7/30/2011 8:00	0			
7/30/2011 9:00	0			
7/30/2011 10:00	0			
7/30/2011 11:00	0			
7/30/2011 12:00	0			
7/30/2011 13:00	0			
7/30/2011 14:00	0			
7/30/2011 15:00	0			
7/30/2011 16:00	0			
7/30/2011 17:00	0			
7/30/2011 18:00	0			
7/30/2011 19:00	0			
7/30/2011 20:00	0			
7/30/2011 21:00	0			
7/30/2011 22:00	0			
7/30/2011 23:00	0			
7/31/2011 0:00	0			
7/31/2011 1:00	0			
7/31/2011 2:00	0			
7/31/2011 3:00	0			
7/31/2011 4:00	0			
7/31/2011 5:00	0			
7/31/2011 6:00	0			
7/31/2011 7:00	0			
7/31/2011 8:00	0			
7/31/2011 9:00	0			
7/31/2011 10:00	0			
7/31/2011 11:00	0			
7/31/2011 12:00	0			
7/31/2011 13:00	0			
7/31/2011 14:00	0			
7/31/2011 15:00	0			
7/31/2011 16:00	0			
7/31/2011 17:00	0			
7/31/2011 18:00	0			
7/31/2011 19:00	0			
7/31/2011 20:00	0			
7/31/2011 21:00	0			
7/31/2011 22:00	0			
7/31/2011 23:00	0			
8/1/2011 0:00	0			
8/1/2011 1:00	0			
8/1/2011 2:00	0			
8/1/2011 3:00	0			
8/1/2011 4:00	0			
8/1/2011 5:00	4600			no precip
8/1/2011 6:00	0			erroneous data
8/1/2011 7:00	0			
8/1/2011 8:00	0			
8/1/2011 9:00	0			
8/1/2011 10:00	0			
8/1/2011 11:00	0			
8/1/2011 12:00	0			
8/1/2011 13:00	0			
8/1/2011 14:00	0			
8/1/2011 15:00	0			
8/1/2011 16:00	0			

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			

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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		