



NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF ENVIRONMENTAL REMEDIATION
BCP Significant Threat Determination Report



2/23/2012

Site Code	C932138	Site Name	GM Components Holdings, LLC Building 7
City	Lockport	Town	Lockport (c)
Region	9	County	Niagara
Current Classification	A		
Estimated Size	31.0000	Allowable Use	Commercial
Significant Threat:	Yes	Project Manager	Glenn May

Summary of Approvals

Originator/Supervisor: Greg Sutton

Regional Hazardous Waste Remedial Engineer: Greg Sutton - **02/09/2012**
Marty Doster:

BEEI of NYSDOH: **02/09/2012**

CO Bureau Director: Michael Cruden, Director, Region 9: **02/09/2012**

Assistant Division Director: Robert W. Schick, P.E.: **02/17/2012**

Basis for Significant Threat Determination

The NYSDOH has determined that the concentrations of tetrachloroethene (up to 7,600,000 ug/cubic meter) and trichloroethene (up to 1,800,000 ug/cubic meter) in sub-slab soil vapor and indoor air present a significant threat (Figure 5).

In addition, groundwater contaminated with chlorinated solvents (i.e., tetrachloroethene, trichloroethene and dichloroethene) appears to be infiltrating the on-site sewer system. During high flow events (greater than 300 gallons per minute) contaminated water is discharged to an on-site creek through one of the facilities SPDES outfalls (Outfall D002). The location of this outfall is shown on Figure 6. Concentrations of trichloroethene, tetrachloroethene and dichloroethene at the discharge point have consistently exceeded NYSDEC surface water standards for these contaminants (Table 1). Water in the on-site creek flows into Gulf Creek west of the site, and ultimately discharges into Eighteenmile Creek approximately two miles downstream.

Site Description - Last Review: 02/09/2012

Location:

The General Motors (GM) Lockport Complex occupies approximately 342 acres at 200 Upper Mountain Road in both the City and Town of Lockport, Niagara County, New York. The GM Components Holdings, LLC Building 7 Site (Building 7) is approximately 31 acres in size, and includes the entire footprint of Building 7, and some adjacent land to the east and west. Building 7 is located in the south central portion of the GM Lockport Complex.



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Site Features:

The GM Lockport Complex contains several manufacturing buildings with approximately 3.2 million square feet of floor space. The topography of the GM Lockport Complex is relatively flat with a gentle slope to the east. The primary surface relief in the area is the Niagara Escarpment, located approximately one-half mile to the northeast. There is an approximate 200-foot difference in elevation between the GM Lockport Complex and the base of the escarpment. Surface water runoff is collected by on-site ditches and storm sewers that discharge to Gulf Creek to the east. A stone quarry is located approximately 0.7 miles to the south, while the New York State Barge Canal is located approximately 1 mile to the southeast.

Current Zoning/Use:

The GM Lockport Complex is an active automotive component manufacturing complex owned and operated by GM Components Holdings, LLC (GMCH). Building 7 is used for manufacturing and engineering, and is the main manufacturing building at the GM Lockport Complex. The proposed future use of Building 7 is commercial and industrial.

Surrounding Land Use:

The land surrounding the GM Lockport Complex includes agricultural and commercial properties to the southwest and west, an industrial park to the northwest, residential properties along Upper Mountain Road to the north and northeast, and vacant land and the Old Upper Mountain Road inactive hazardous waste site (932112) to the east.

Operable Units:

The Building 7 Site has been subdivided into three operable units (OUs). An operable unit represents a portion of a remedial program that for technical or administrative reasons can be addressed separately to investigate, eliminate or mitigate a release, threat of release or exposure pathway resulting from site contamination. The three operable units are media specific and are defined as follows:

- OU1: Soil;
- OU2: Groundwater; and
- OU3: Soil Vapor.

Historical Use:

The GM Lockport Complex was initially developed in 1937 by Harrison Radiator on vacant



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agricultural land and orchards. The property was developed as part of an expansion of Harrison's radiator manufacturing operation located in downtown Lockport, New York. Manufacturing operations began at the facility in 1939.

The first manufacturing building at the GM Lockport Complex was the southwest quarter of Building 7. Building 7 was expanded in 1945 and again in 1952 to increase manufacturing capacity. During the 1960s, construction and expansion of the other buildings at the GM Lockport Complex took place.

Harrison Radiator operated the facility until it was acquired by General Motors sometime prior to 1957. General Motors owned and operated the facility until it was conveyed to Delphi Automotive Systems, LLC (Delphi) in December 1998. Delphi filed for bankruptcy in October 2005. In June 2009, General Motors filed for bankruptcy and is now known as Motors Liquidation Company (MLC). A new company was created to purchase certain assets of MLC and the current name of that entity is General Motors LLC (GM). A GM subsidiary, known as GMCH, took title to a portion of the GM Lockport Complex, including Building 7, in October 2009.

Remedial History and the BCP:

In 2006, Delphi completed a voluntary facility-wide investigation to evaluate soil and groundwater conditions at the GM Lockport Complex. Based upon the results of this investigation, Delphi submitted to the Department in December 2007 a BCP application for Building 7. In December 2008 the project was accepted into the BCP. An agreement between Delphi and the Department was never signed, however, due to Delphi's bankruptcy and the subsequent purchase of the GM Lockport Complex by GMCH. The Delphi BCP application was terminated on November 4, 2009.

In January 2010 GMCH submitted to the Department a BCP application for Building 7. This site was accepted into the BCP in March 2010, with an agreement between GMCH and the Department executed in May 2010.

The Remedial Investigation (RI) began in December 2010 with the completion of soil borings, the installation of monitoring wells, and the collection of soil and vapor samples for chemical analysis. This initial work was completed in January 2011. Groundwater samples were collected from monitoring wells installed throughout the GM Lockport Complex in April and May 2011.

Site Geology and Hydrogeology:

Soils underlying Building 7 consist of approximately 3 feet of fill material (gravel, sand and reworked silty clay) overlaying native soils (silts and clays with lesser amounts of sand and gravel). Dolostone bedrock of the Lockport Group was encountered at depths ranging from 5.0 to 13.5 feet below ground surface.



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Site Name GM Components Holdings, LLC Building 7

Groundwater underlying the GM Lockport Complex occurs primarily in the upper fractured bedrock, and flows east toward Gulf Creek and the ash-filled ravine underlying the Old Upper Mountain Road Site.

Contaminants of Concern (Including Materials Disposed)	Quantity Disposed
OU 01	
TETRACHLOROETHYLENE (PCE)	UNKNOWN
PCB-AROCLOR 1248	UNKNOWN
BENZO(A)PYRENE	UNKNOWN
BENZO(B)FLUORANTHENE	UNKNOWN
DIBENZ[A,H]ANTHRACENE	UNKNOWN
BENZ(A)ANTHRACENE	UNKNOWN
COPPER	UNKNOWN
indeno(1,2,3-cd)pyrene	UNKNOWN
LEAD	UNKNOWN
OU 02	
DICHLOROETHYLENE	UNKNOWN
TETRACHLOROETHYLENE (PCE)	UNKNOWN
TRICHLOROETHENE (TCE)	UNKNOWN
VINYL CHLORIDE	UNKNOWN
OU 03	
DICHLOROETHYLENE	UNKNOWN
TETRACHLOROETHYLENE (PCE)	UNKNOWN
TRICHLOROETHENE (TCE)	UNKNOWN
VINYL CHLORIDE	UNKNOWN

Analytical Data Available for : Groundwater, Soil, Soil Vapor, Indoor Air

Applicable Standards Exceeded for: Air, Groundwater, Soil, Soil Vapor

Site Environmental Assessment - Last Review: 02/09/2012

Known contaminants at Building 7 include chlorinated solvents (tetrachloroethene, trichloroethene, dichloroethene and vinyl chloride); semivolatile organic compounds (benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, dibenz[a,h]anthracene, and indeno(1,2,3-cd)pyrene); PCBs and metals (copper and lead). Chlorinated solvents have impacted soil under the northwest portion of Building 7 and groundwater at the site. SVOCs, PCBs and metals have impacted site soil at isolated locations.

Eleven monitoring wells have been installed at Building 7 and sampled on numerous occasions beginning in 2007. Chlorinated solvents were detected in several wells closest to Building 7, but were not detected in downgradient wells along Route 93. Contaminated groundwater, however, appears to be infiltrating the on-site sewer system. During high flow events (greater than 300 gallons per minute) contaminated water is discharged to an on-site creek that connects with Gulf Creek west of the site. Gulf Creek discharges into Eighteenmile Creek approximately two miles downstream.



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Site Health Assessment - Last Update: 01/23/2012

Since the site is fenced and covered by asphalt and buildings, people will not come into contact with site-related soil and groundwater contamination unless they dig below the surface. Soil vapor intrusion sampling identified impacts in indoor air quality that require mitigation.

	Start		End	
OU 01				
Agreement	12/2/08	ACT	11/4/09	TRM
Agreement	3/17/10	ACT	5/20/10	ACT
Application Approval	12/12/07	ACT	12/2/08	ACT
Application Approval	1/29/10	ACT	3/17/10	ACT
Application Completion	11/20/07	ACT	12/12/07	ACT
Application Completion	1/19/10	ACT	1/29/10	ACT
OGC Docket - Brownfield Cleanup Agreement	12/2/08	ACT	11/4/09	TRM
OGC Docket - Brownfield Cleanup Agreement	3/17/10	ACT	5/20/10	ACT
OGC Docket - Eligibility Determination	10/21/08	ACT	12/2/08	ACT
OGC Docket - Eligibility Determination	1/29/10	ACT	3/17/10	ACT
Remedial Investigation	11/5/10	ACT	3/30/12	PLN
OU 02				
Remedial Investigation	11/5/10	ACT	3/30/12	PLN
OU 03				
Remedial Investigation	11/5/10	ACT	3/30/12	PLN

Remedy Description and Cost

Remedy Description for Operable Unit 01

Not applicable as the Alternatives Analysis report is still being drafted by the participant.

Total Cost

Remedy Description for Operable Unit 02

Not applicable as the Alternatives Analysis report is still being drafted by the participant.

Total Cost

Remedy Description for Operable Unit 03

Not applicable as the Alternatives Analysis report is still being drafted by the participant.

Total Cost



SIGNIFICANT THREAT DETERMINATION WORKSHEET



State Superfund Program
6 NYCRR 375-2.7

Brownfield Cleanup Program
ECL 27-1411.1(c)

Site Name: GM Components Holdings, LLC Building 7

Site ID No.: C932138

City/Town: Lockport (C)

County: Niagara

1. Has all available and relevant evidence regarding the Site been reviewed and the factors in 375-2.7(a)(3) considered?	<input checked="" type="checkbox"/> Yes (go to 2)	<input type="checkbox"/> No (stop)	<input type="checkbox"/> Unsure (stop)
2. Does Site contamination result in significant adverse impacts (375-2.7(a)(1)) to:			
a. species that are endangered, threatened, or of concern?	<input type="checkbox"/> Yes (go to b)	<input checked="" type="checkbox"/> No (go to b)	<input type="checkbox"/> Unsure (go to b)
b. protected streams, tidal/freshwater wetlands, or significant fish and wildlife habitat?	<input type="checkbox"/> Yes (go to c)	<input checked="" type="checkbox"/> No (go to c)	<input type="checkbox"/> Unsure (go to c)
c. flora or fauna from bioaccumulation or leads to a recommendation to limit consumption?	<input type="checkbox"/> Yes (go to d)	<input checked="" type="checkbox"/> No (go to d)	<input type="checkbox"/> Unsure (go to d)
d. fish, shellfish, crustacea, or wildlife from concentrations that cause adverse/chronic effects?	<input checked="" type="checkbox"/> Yes (go to e)	<input type="checkbox"/> No (go to e)	<input type="checkbox"/> Unsure (go to e)
e. the environment due to a fire, spill, explosion, or reaction that generates toxic gases, vapors, fumes, mists or dusts?	<input type="checkbox"/> Yes (go to f)	<input checked="" type="checkbox"/> No (go to f)	<input type="checkbox"/> Unsure (go to f)
f. areas where individuals or water supplies may be present and NYSDOH has determined there to be a significantly increased risk to public health (including from soil vapor)?	<input checked="" type="checkbox"/> Yes (go to 3)	<input type="checkbox"/> No (go to 3)	<input type="checkbox"/> Unsure (go to 3)
3. Does Site contamination result in significant environmental damage (375-2.7(a)(2))?	<input type="checkbox"/> Yes (go to 4)	<input checked="" type="checkbox"/> No (go to 4)	<input type="checkbox"/> Unsure (stop)
4. If any box in items 2 or 3 have been checked "Yes," the site presents a significant threat to public health or the environment; check here.	Significant threat to: <input checked="" type="checkbox"/> Public Health <input checked="" type="checkbox"/> Environment		
5. If no boxes in items 2 or 3 have been checked "Yes," the site does not present a significant threat to public health or the environment; check here.	<input type="checkbox"/> Not a Significant Threat		
<u>Glenn M. May, EG II</u> Project Manager Name/Title (Print)	<u>Glenn M. May</u> Project Manager Name (Signature) <small>Digitally signed by Glenn M. May DN: cn=Glenn M. May, o=NYSDEC, ou=DER-R9, email=gmmay@gw.dec. state.ny.us, c=US Date: 2012.01.26 08:17:43 -05'00'</small>	<u>01/26/2012</u> Date	
<u>Gregory P. Sutton, RHWRE</u> Bureau Director/RHWRE Name/Title (Print)	<u>Gregory Sutton</u> Bureau Director/RHWRE Name (Signature) <small>Digitally signed by Gregory Sutton DN: cn=Gregory Sutton, o=NYSDEC, ou=R9-DER, email=gsutton@gw. dec.state.ny.us, c=US Date: 2012.02.06 08:40:32 -05'00'</small>	<u>01/26/2012</u> Date	

07/29/10

NEW YORK
state department of
HEALTH

Nirav R. Shah, M.D., M.P.H.
Commissioner

Sue Kelly
Executive Deputy Commissioner

November 14, 2011

Mr. Greg Sutton
Division of Environmental Remediation
NYS Dept. of Environmental Conservation
Region 9
270 Michigan Ave.
Buffalo, NY 14203

Re: Significant Threat Determination
GM Components Holdings – Building 7
Site # C932138
Lockport (T), Niagara County

Dear Mr. Sutton:

Staff reviewed the August 2011 Remedial Investigation (RI) Report for the GM Components Holdings – Building 7 site located in the Town of Lockport, Niagara County. Significant levels of site-related contaminants, primarily tetrachloroethene (PCE), trichloroethene (TCE), and cis-1,2-Dichloroethene (DCE), were detected in groundwater, on-site soils, indoor air, and subslab soil vapor. PCE and TCE were detected in subslab vapor up to 7,600,000 ug/L and 1,800,000 ug/L, respectively. In groundwater, PCE, TCE, and DCE were detected at levels up to 140,000 ug/L, 19,000 ug/L, and 16,000 ug/L, respectively. In soils, PCE was detected at levels up to 1000 mg/kg. Elevated levels of contamination exist beyond the boundaries of the BCP site.

Because of the potential for exposure to site-related contaminants on and off this site, I believe the GM Components Holdings – Building 7 site poses a significant threat to public health.

If you have any questions, please contact me at (518) 402-7860.

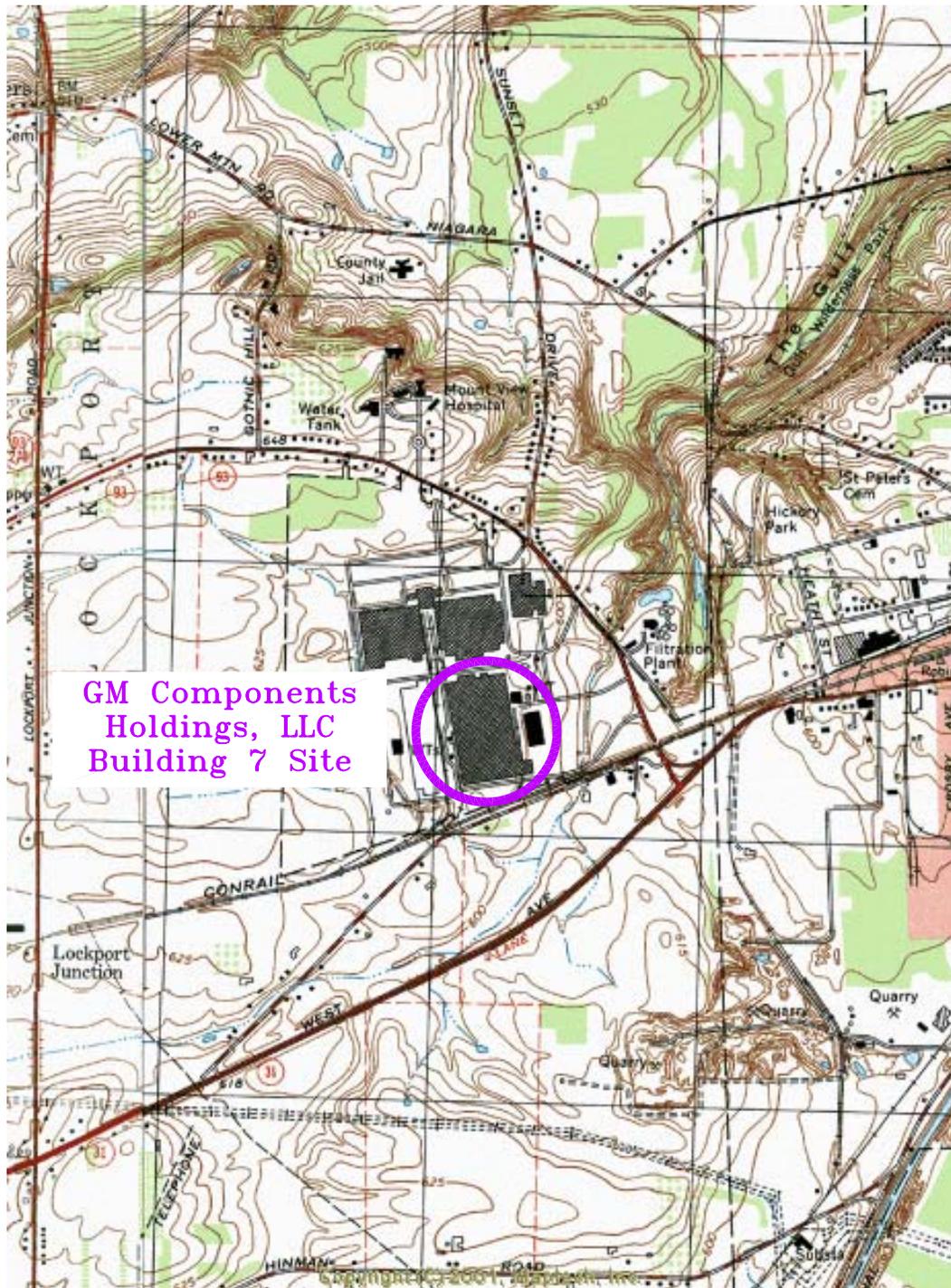
Sincerely,



Richard J. Fedigan, Chief
Northern Section
Bureau of Environmental Exposure Investigation

cc: A. Salame-Alfie, Ph.D.
S. Bates/K. Anders, Ph.D
R. Fedigan
M. Forcucci - WRO
G. May - NYSDEC Region 9
A. Daniels/M. Cruden - NYSDEC
J. Devald - NCDOH

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GM Components Holdings, LLC Building 7 Site

Cambria & Lockport
Quadrangles

Scale Depends on Final Plotted Size

BUILDING 7 LOCATION MAP

DIVISION OF ENVIRONMENTAL REMEDIATION

DATE: 10/11/11

DRAWING: Building 7 Location Map

SITE:

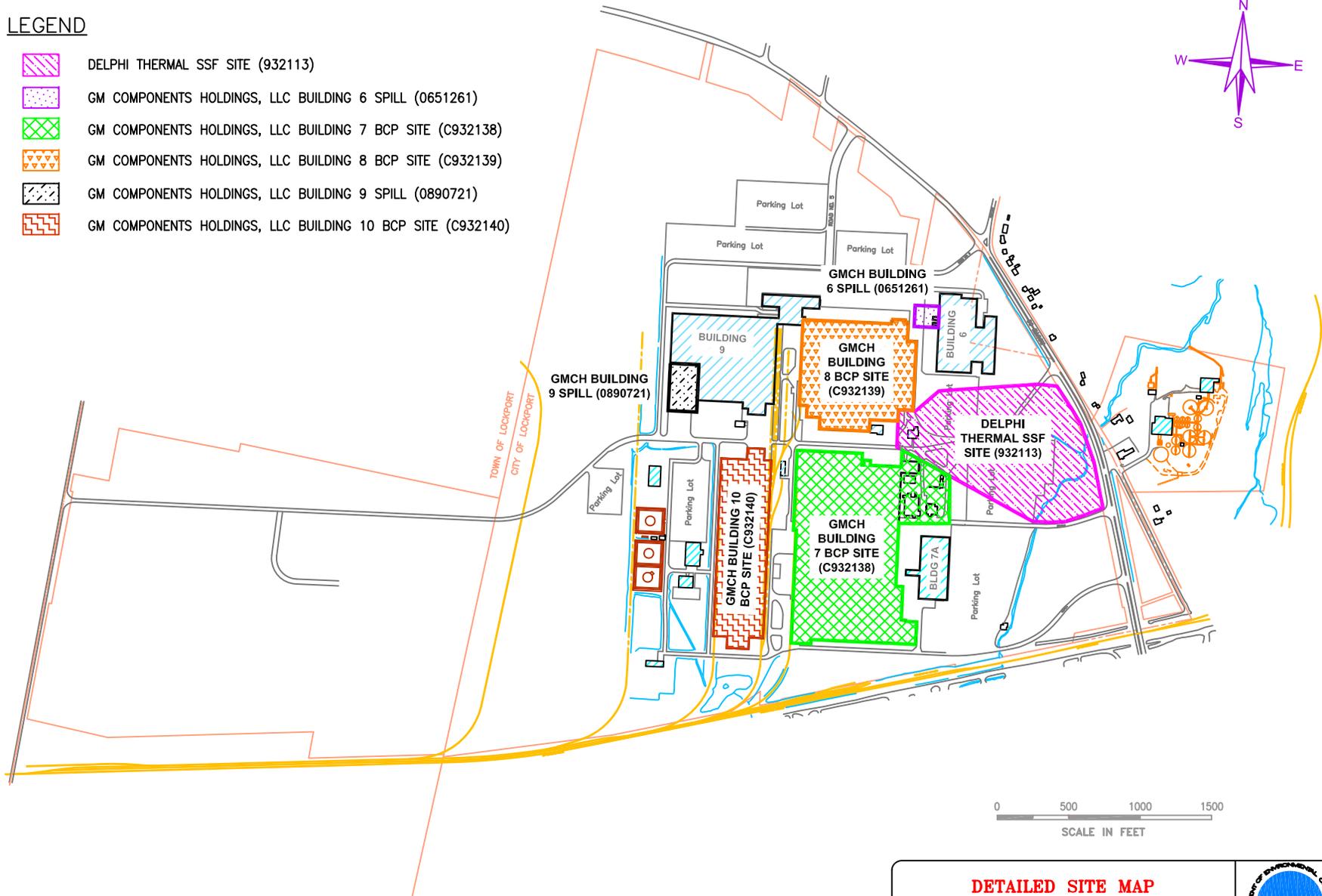
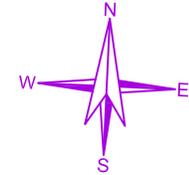
GM LOCKPORT COMPLEX



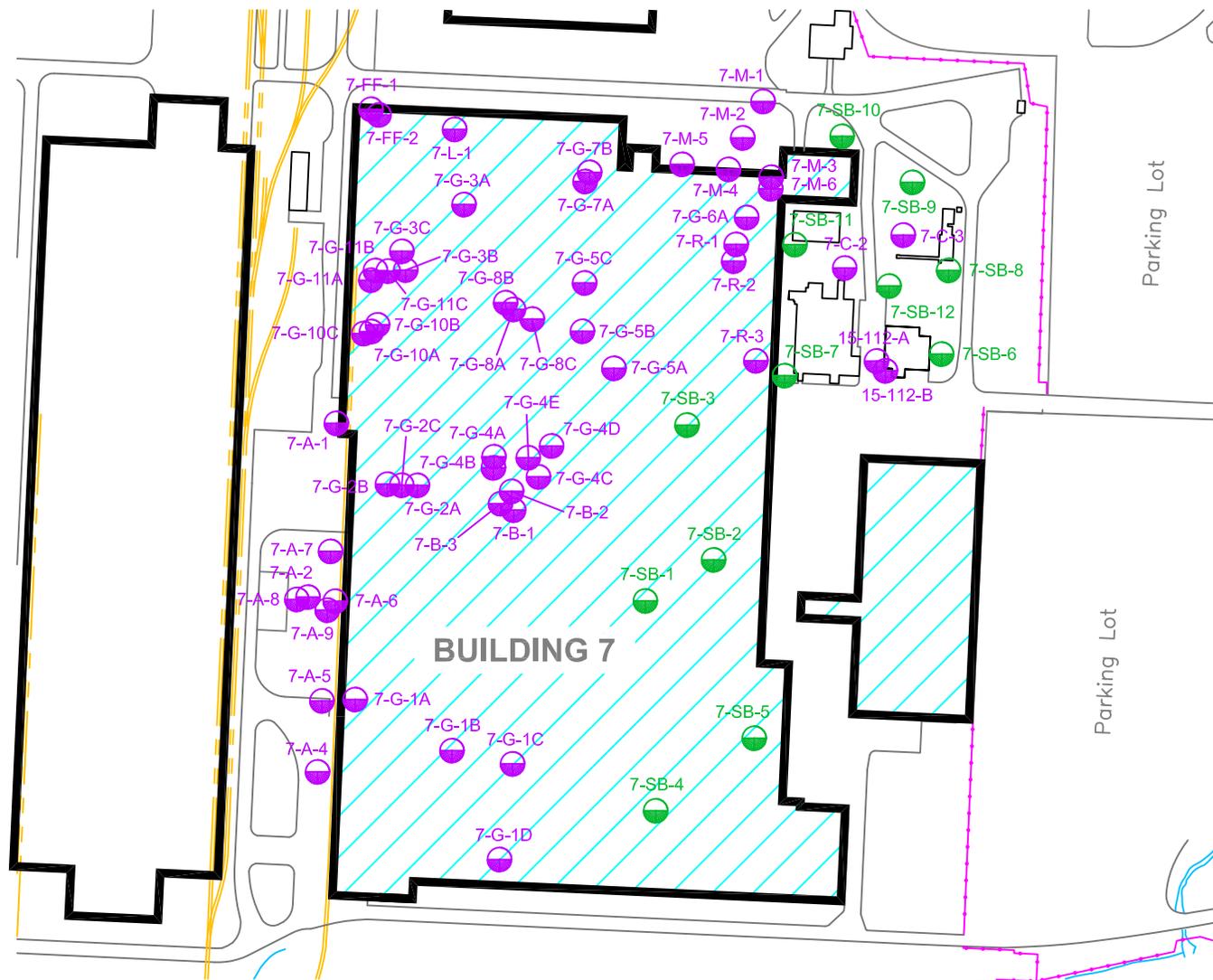
FIGURE 1

LEGEND

-  DELPHI THERMAL SSF SITE (932113)
-  GM COMPONENTS HOLDINGS, LLC BUILDING 6 SPILL (0651261)
-  GM COMPONENTS HOLDINGS, LLC BUILDING 7 BCP SITE (C932138)
-  GM COMPONENTS HOLDINGS, LLC BUILDING 8 BCP SITE (C932139)
-  GM COMPONENTS HOLDINGS, LLC BUILDING 9 SPILL (0890721)
-  GM COMPONENTS HOLDINGS, LLC BUILDING 10 BCP SITE (C932140)



DETAILED SITE MAP		
DIVISION OF ENVIRONMENTAL REMEDIATION		
DATE: 09/29/11	DRAWING: GM Plant Site Map	
SITE: GM LOCKPORT COMPLEX		FIGURE 2

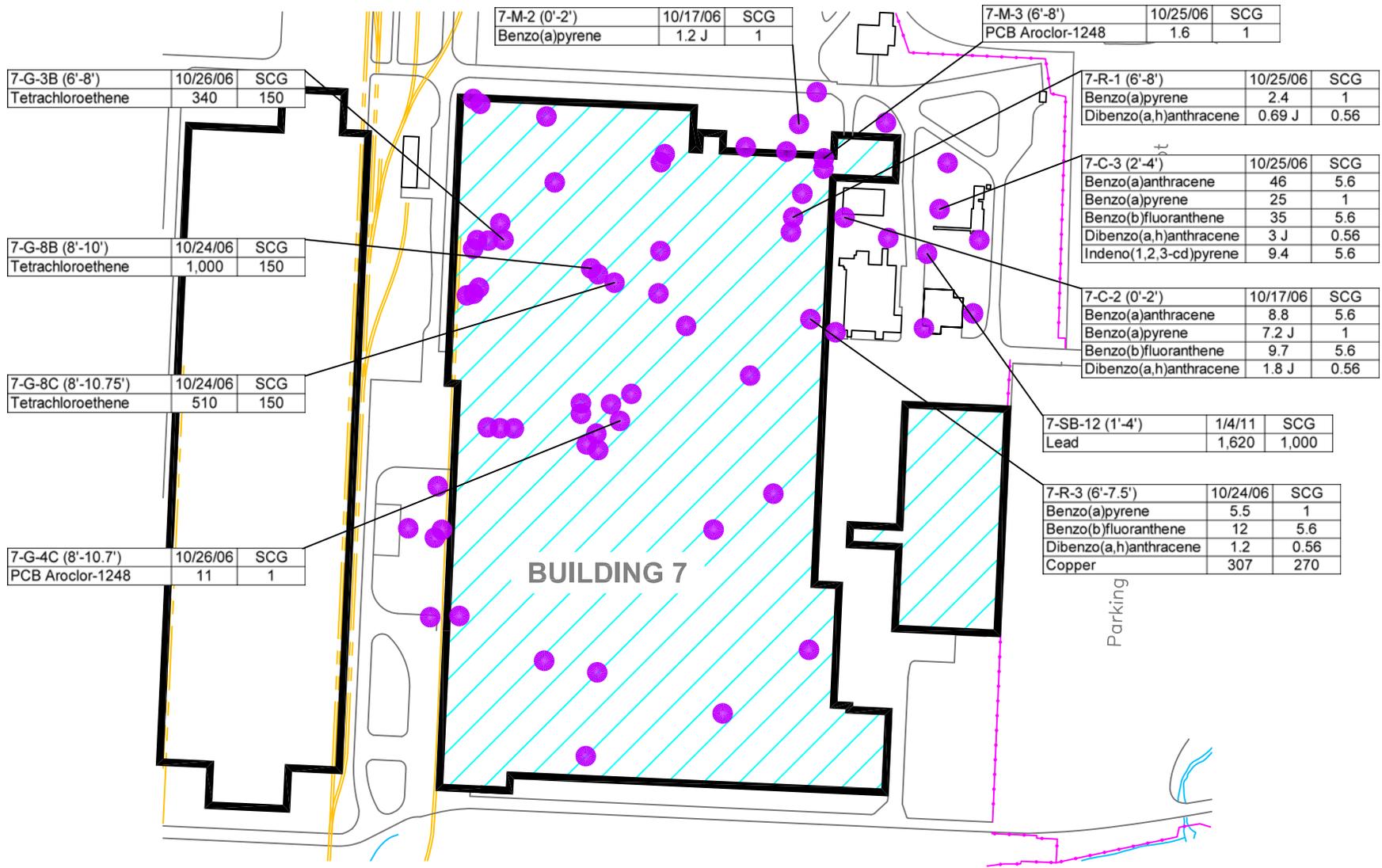


LEGEND:

- PROPERTY LINE
- FACILITY-WIDE INVESTIGATION SOIL BORING
- BCP SOIL BORING

SOIL BORING LOCATION MAP		
DIVISION OF ENVIRONMENTAL REMEDIATION		
DATE: 09/29/11	DRAWING: GM Building 7 BCP	
SITE: GM LOCKPORT COMPLEX		

FIGURE 3

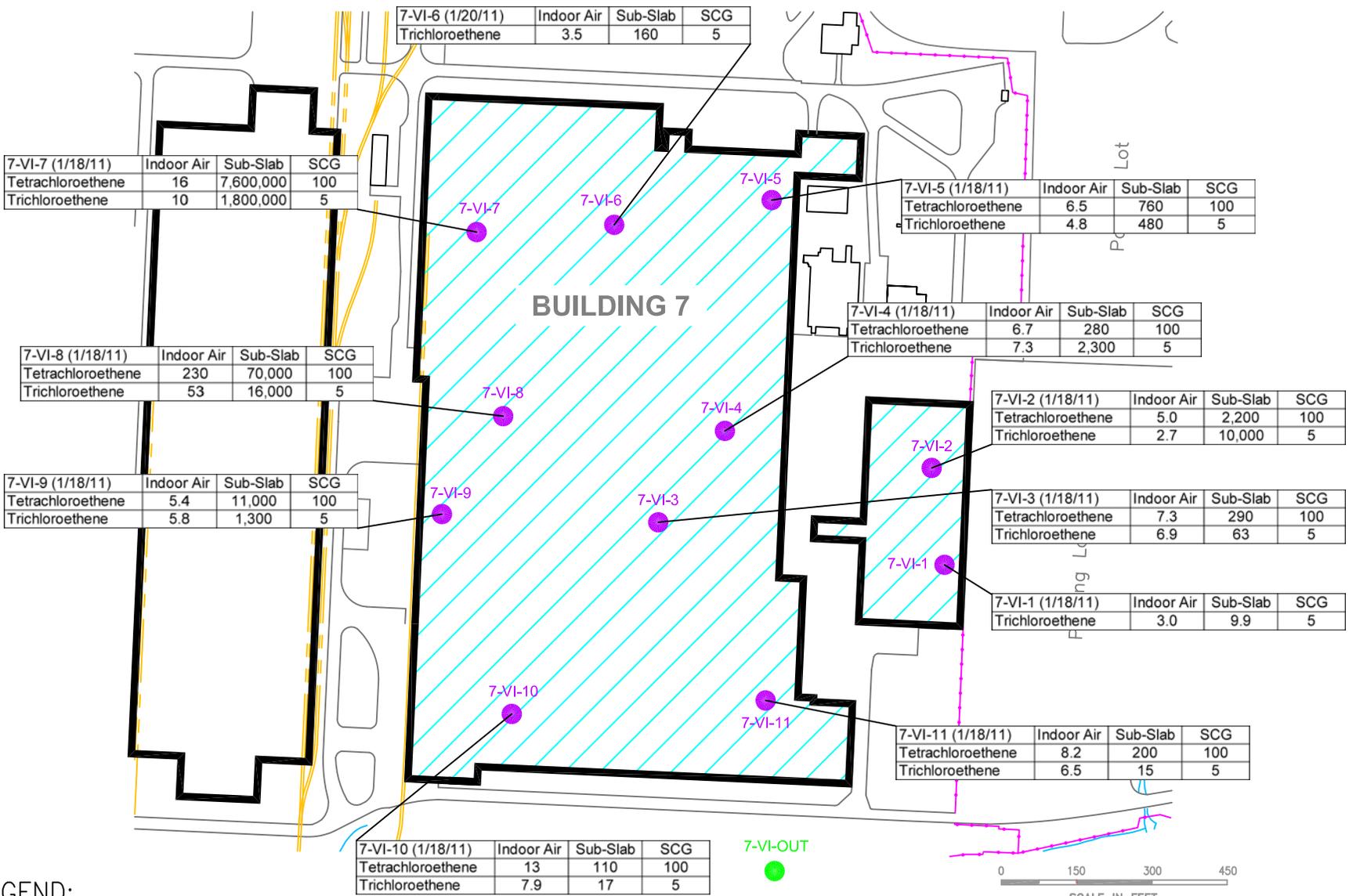


LEGEND:

- SUBSURFACE SOIL SAMPLE
 - ▲ SURFACE SOIL SAMPLE (NONE COLLECTED)
- ALL CONCENTRATIONS IN MG/KG OR PPM

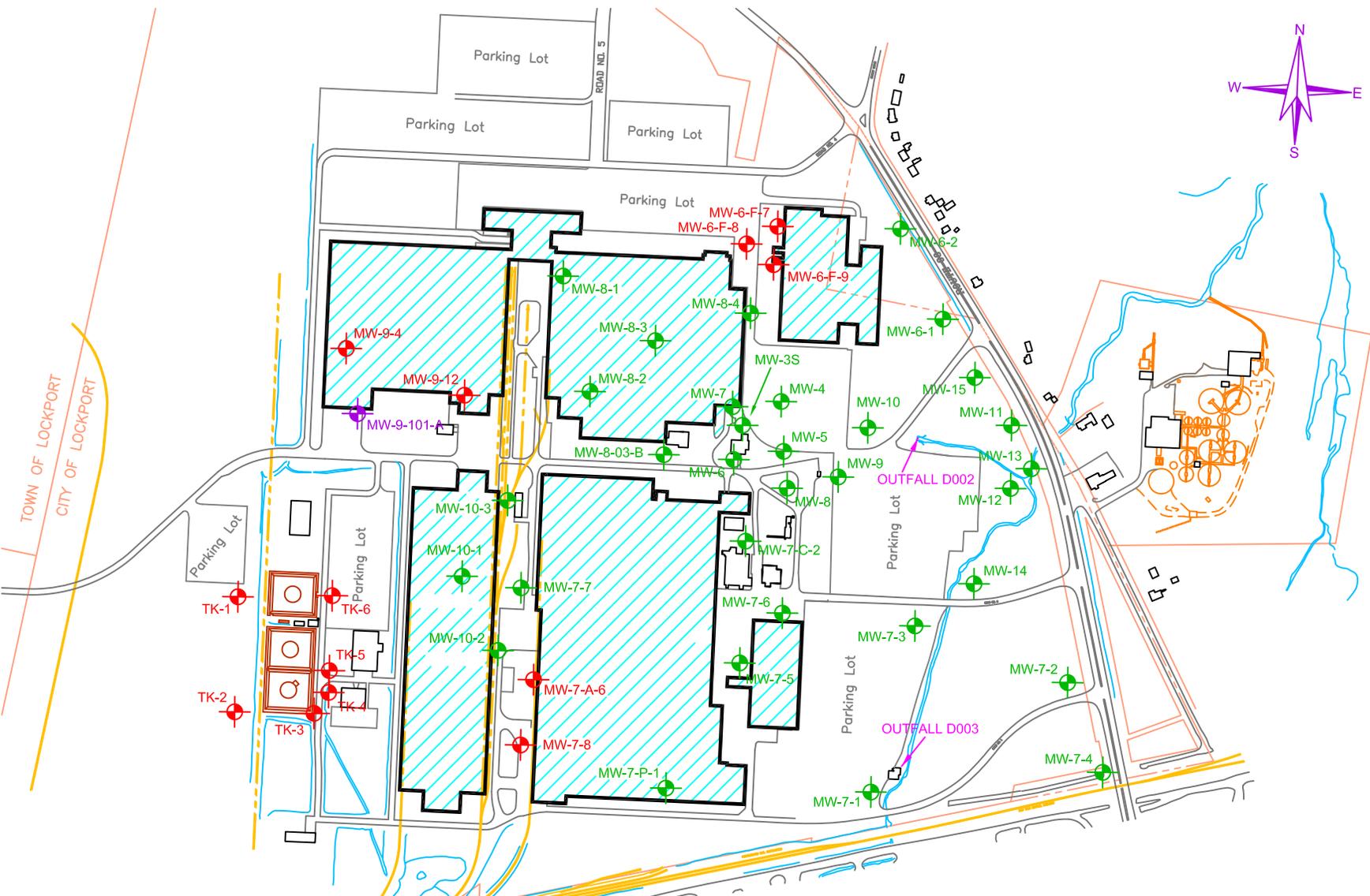
SURFACE AND SUBSURFACE SOIL COMMERCIAL SCO EXCEEDANCE MAP		
DIVISION OF ENVIRONMENTAL REMEDIATION		
DATE: 09/29/11	DRAWING: GM Building 7 BCP	
SITE: GM LOCKPORT COMPLEX		

FIGURE 4



NYSDOH AIR GUIDELINE SOIL VAPOR EXCEEDANCE MAP		
DIVISION OF ENVIRONMENTAL REMEDIATION		
DATE: 09/29/11	DRAWING: GM Building 7 BCP	
SITE: GM LOCKPORT COMPLEX		

FIGURE 5



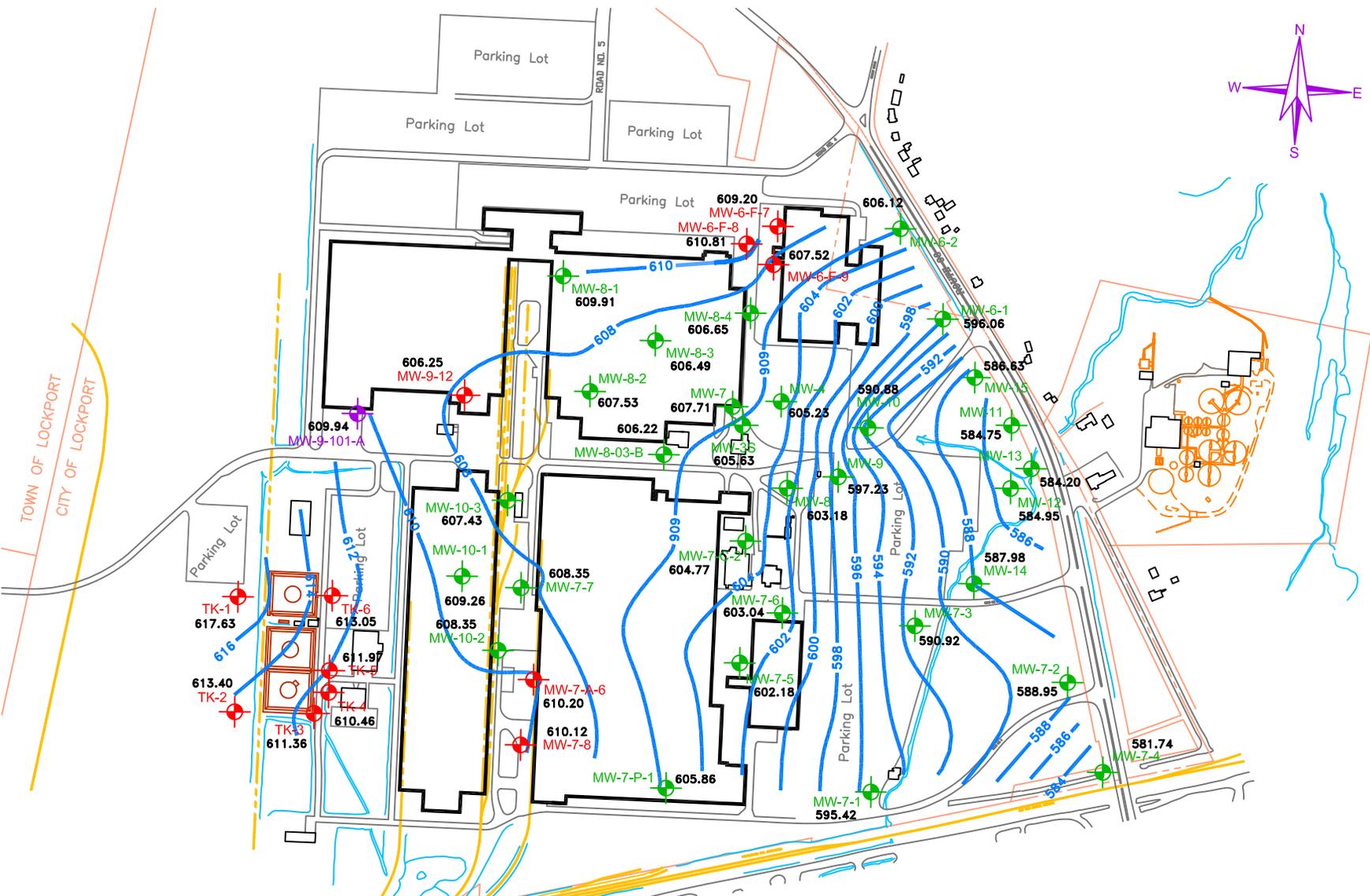
LEGEND:

-  PROPERTY LINE
-  OVERBURDEN MONITORING WELL
-  INTERFACE MONITORING WELL
-  SHALLOW BEDROCK MONITORING WELL



EXISTING MONITORING WELL LOCATION MAP		
DIVISION OF ENVIRONMENTAL REMEDIATION		
DATE: 09/29/11	DRAWING: GM Plant Site Map	
SITE: GM LOCKPORT COMPLEX		

FIGURE 6



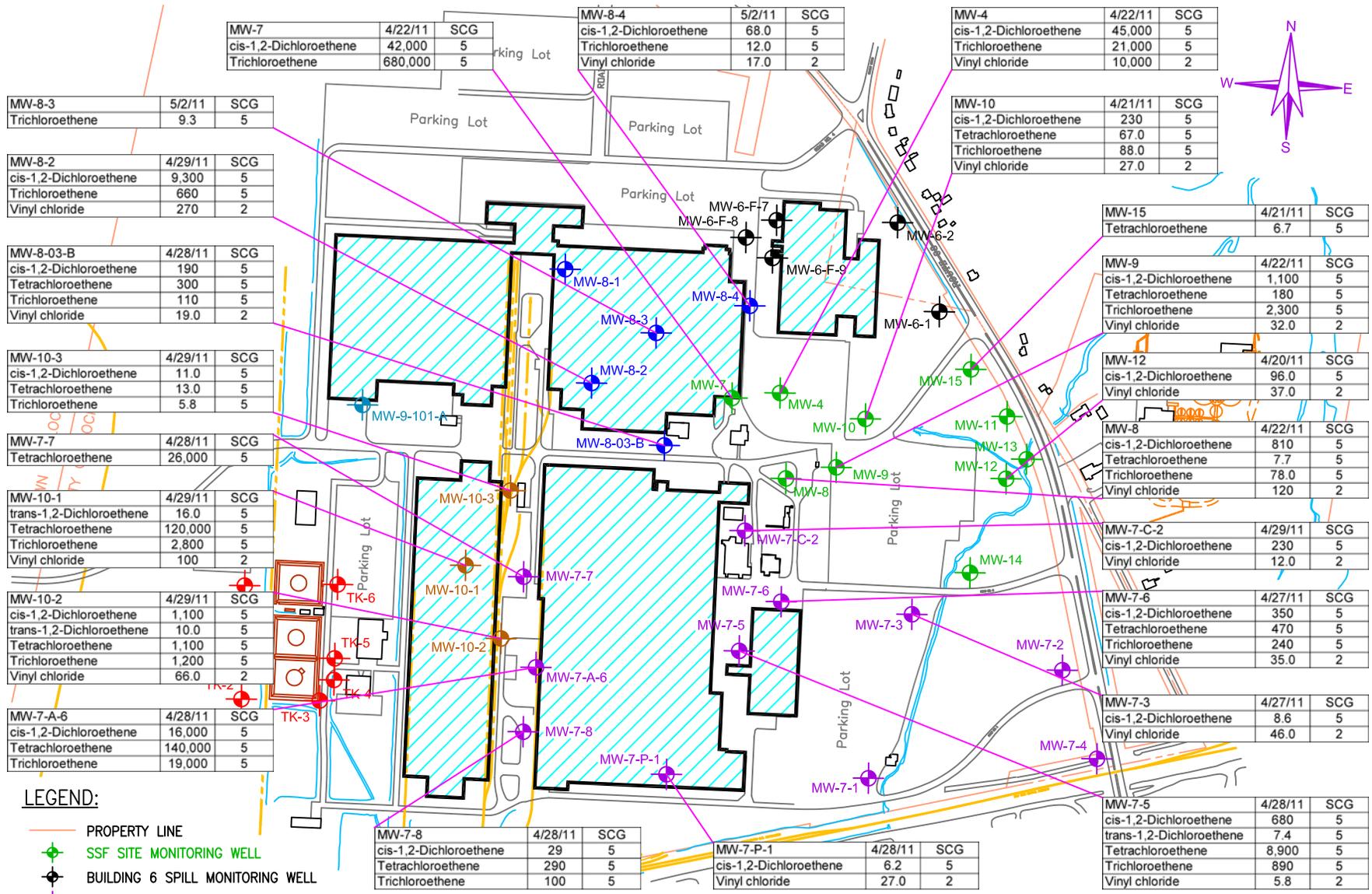
LEGEND:

- PROPERTY LINE
- OVERBURDEN MONITORING WELL
- INTERFACE MONITORING WELL
- SHALLOW BEDROCK MONITORING WELL



GROUNDWATER CONTOUR MAP (05/02/11)		
DIVISION OF ENVIRONMENTAL REMEDIATION		
DATE: 09/29/11	DRAWING: GM Plant Site Map	
GM LOCKPORT COMPLEX		

FIGURE 7



LEGEND:

- PROPERTY LINE
- SSF SITE MONITORING WELL
- BUILDING 6 SPILL MONITORING WELL
- BUILDING 7 BCP SITE MONITORING WELL
- BUILDING 8 BCP SITE MONITORING WELL
- BUILDING 9 SPILL MONITORING WELL
- BUILDING 10 BCP SITE MONITORING WELL
- TANK FARM MONITORING WELL



SIDE WIDE GROUNDWATER EXCEEDANCE MAP		
DIVISION OF ENVIRONMENTAL REMEDIATION		
DATE: 09/29/11	DRAWING: GM Plant Site Map	
SITE: GM LOCKPORT COMPLEX		

FIGURE 8

**Table 1. GM DMR Results at Outfall D002
Compared to NYSDEC Surface Water Standards**

Sample Date	TCE (ug/L)	DCE (ug/L)	PERC (ug/L)
DEC SW Standards	40.0 *	5.0 **	1.0 *
01/16/91	30.0	30.0	20.0
03/18/91	60.0	50.0	30.0
04/15/91	40.0	30.0	10.0
05/17/91	70.0	50.0	30.0
06/11/91	90.0	70.0	30.0
07/13/91	90.0	90.0	30.0
08/09/91	80.0	50.0	20.0
09/23/91	50.0	40.0	10.0
10/04/91	70.0	60.0	30.0
11/15/91	120.0	100.0	90.0
12/21/91	70.0	60.0	30.0
01/23/92	30.0	30.0	20.0
02/28/92	50.0	40.0	60.0
03/10/92	40.0	40.0	20.0
04/16/92	90.0	70.0	50.0
05/26/92	90.0	60.0	40.0
06/19/92	70.0	50.0	20.0
07/14/92	30.0	30.0	10.0
08/13/92	100.0	90.0	30.0
09/03/92	140.0	90.0	50.0
10/15/92	40.0	40.0	20.0
11/04/92	90.0	80.0	40.0
12/30/92	20.0	20.0	10.0
03/23/93	110.0	90.0	60.0
05/31/93	40.0	40.0	20.0
07/19/93	170.0	180.0	50.0
08/16/93	110.0	140.0	40.0
10/04/93	50.0	40.0	20.0
03/06/94	150.0	120.0	70.0
04/25/94	60.0	50.0	40.0
08/04/94	20.0	20.0	5.0
10/19/94	70.0	60.0	100.0
01/12/95	50.0	50.0	20.0
05/10/95	30.0	20.0	20.0
09/20/95	70.0	50.0	140.0
12/14/95	20.0	10.0	30.0
03/20/96	30.0	30.0	20.0
05/09/96	70.0	50.0	70.0
09/07/96	10.0	80.0	50.0
12/01/96	20.0	10.0	10.0
02/26/97	20.0	20.0	20.0
05/30/97	30.0	30.0	20.0
09/10/97	130.0	94.0	67.0
12/22/97	64.0	56.0	440.0
01/29/98	38.0	48.0	28.0
04/16/98	34.0	44.0	20.0
10/01/98	36.0	21.0	25.0

**Table 1. GM DMR Results at Outfall D002
Compared to NYSDEC Surface Water Standards**

Sample Date	TCE (ug/L)	DCE (ug/L)	PERC (ug/L)
DEC SW Standards	40.0 *	5.0 **	1.0 *
02/12/99	74.0	74.0	40.0
06/02/99	74.0	73.0	51.0
08/17/99	42.0	43.0	15.0
10/13/99	91.0	65.0	28.0
04/03/00	29.0	22.0	19.0
09/14/00	100.0	90.0	48.0
10/16/00	90.0	100.0	88.0
02/25/01	90.0	74.0	66.0
05/08/01	65.0	53.0	26.0
08/28/01	74.0	68.0	25.0
10/16/01	80.0	66.0	42.0
01/15/02	30.0	30.0	20.0
04/04/02	20.0	20.0	100.0
09/10/02	1.0	1.0	1.0
10/16/02	40.0	40.0	30.0
02/04/03	70.0	60.0	40.0
04/08/03	60.0	60.0	30.0
09/15/03	18.0	10.0	13.0
11/03/03	40.0	30.0	20.0
02/03/04	15.0	13.0	10.0
06/14/04	30.0	36.0	34.0
07/27/04	98.0	82.0	31.0
11/02/04	24.0	19.0	13.0
01/12/05	29.0	24.0	14.0
04/05/05	34.0	25.0	34.0
07/26/05	14.0	23.0	6.0
10/25/05	36.0	33.0	17.0
01/29/06	36.0	29.0	23.0
06/19/06	14.0	11.0	7.0
09/13/06	100.0	91.0	39.0
10/03/06	15.0	14.0	16.0
03/13/07	62.0	39.0	33.0
05/16/07	89.0	62.0	33.0
07/11/07	16.0	14.0	5.0
10/09/07	30.0	35.0	10.0
02/05/08	16.0	1.0	10.0
04/28/08	100.0	2.0	36.1
07/11/08	19.0	2.0	9.0
10/15/08	93.0	71.0	24.0
03/10/09	49.0	2.5	55.0
05/07/09	35.0	2.5	17.0
07/23/09	22.0	2.5	14.0
11/19/09	44.0	2.5	24.0
01/25/10	13.0	2.5	7.0
04/19/10	67.0	2.5	20.0
07/23/10	67.0	2.5	5.0
10/21/10	77.0	2.5	40.0

**Table 1. GM DMR Results at Outfall D002
Compared to NYSDEC Surface Water Standards**

Sample Date	TCE (ug/L)	DCE (ug/L)	PERC (ug/L)
DEC SW Standards	40.0 *	5.0 **	1.0 *

Notes:

Maximum values were reported for sampling events with multiple grab samples.

* = Class D surface water standards or guidance values.

** = Class A surface water standards or guidance values (a Class D surface water standard or guidance value is not available for this contaminant).

Shaded = Values are 1/2 the detection limit for results reported below method detection limits.

Shaded = Result exceeds the NYSDEC Class D surface water standards or guidance values.