

# Brownfield Cleanup Program (BCP)

ECL ARTICLE 27/TITLE 14

DEPARTMENT USE ONLY  
BCP SITE # \_\_\_\_\_

08/09

## Section I. Requestor Information

NAME William J. McFarland on behalf of GM Components Holdings, LLC (GMCH)

ADDRESS 200 Upper Mountain Road

CITY/TOWN Lockport

ZIP CODE 14094

PHONE 313-506-9462

FAX 586-986-2281

E-MAIL william.j.mcfarland@gm.com

NAME OF REQUESTOR'S REPRESENTATIVE James Hartnett

ADDRESS General Motors LLC, One General Motors Drive

CITY/TOWN Syracuse

ZIP CODE 13206

PHONE 315-463-2391

FAX 315-432-5023

E-MAIL jim.f.hartnett@gm.com

NAME OF REQUESTOR'S CONSULTANT Denis Conley

ADDRESS Haley and Aldrich 200 Town Centre Drive Suite 200

CITY/TOWN Rochester

ZIP CODE 14623

PHONE 585-321-4245

FAX 585-486-8245

E-MAIL dconley@HaleyAldrich.com

NAME OF REQUESTOR'S ATTORNEY Barry Kogut, Esq.

ADDRESS Bond Schoeneck and King PLLC, One Lincoln Center

CITY/TOWN Syracuse

ZIP CODE 13202-1355

PHONE 315-218-8181

FAX 315-218-8481

E-MAIL BKogut@bsk.com

THE REQUESTOR MUST CERTIFY THAT HE/SHE IS EITHER A PARTICIPANT OR VOLUNTEER IN ACCORDANCE WITH ECL § 27-1405(1) BY CHECKING ONE OF THE BOXES BELOW:

PARTICIPANT

A requestor who either 1) was the owner of the site at the time of the disposal of hazardous waste or discharge of petroleum or 2) is otherwise a person responsible for the contamination, unless the liability arises solely as a result of ownership, operation of, or involvement with the site subsequent to the disposal of hazardous waste of, discharge of petroleum.

VOLUNTEER

A requestor other than a participant, including a requestor whose liability arises solely as a result of ownership, operation of or involvement with the site subsequent to the disposal of hazardous waste or discharge of petroleum.

NOTE: By checking this box, the requestor certifies that he/she has exercised appropriate care with respect to the hazardous waste found at the facility by taking reasonable steps to: i) stop any continuing discharge; ii) prevent any threatened future release; and iii) prevent or limit human, environmental, or natural resource exposure to any previously released hazardous waste.

Requestor Relationship to Property (check one):

Previous Owner |  Current Owner |  Potential/Future Purchaser |  Other

If requestor is not the site owner, requestor will have access to the property throughout the BCP project.

Yes  No

(Note: proof of site access must be submitted for non-owners)

Section II. Property Information Summary Sheet						
PROPERTY NAME GM Components Holdings LLC Building 8						
ADDRESS/LOCATION 200 Upper Mountain Road		CITY/TOWN Lockport		ZIP CODE 14094		
MUNICIPALITY (IF MORE THAN ONE, LIST ALL): Lockport						
COUNTY Niagara			SITE SIZE (ACRES) 13.1			
LATITUDE (degrees/minutes/seconds) 43° 10' 6"		LONGITUDE (degrees/minutes/seconds) -78° 44' 6"				
HORIZONTAL COLLECTION METHOD: <input type="checkbox"/> SURVEY <input type="checkbox"/> GPS <input checked="" type="checkbox"/> MAP			HORIZONTAL REFERENCE DATUM: WGS84			
FOR EACH PARCEL, FILL OUT THE FOLLOWING TAX MAP INFORMATION (if more than three parcels, attach additional information)						
Parcel Address		Parcel No.	Section No.	Block No.	Lot No.	Acreage
200 Upper Mountain Road, Lockport (BCP Site is a portion of this parcel)		108.13-1-1				342.25
<p>1. Do the property boundaries correspond to tax map metes and bounds? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No            If no, please attach a metes and bounds description of the property. <b>See Attachment 1</b></p> <p>2. Is the required property map attached to the application? (application will not be processed without map) <b>See Att 2</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>3. Is the property part of a designated En-zone pursuant to Tax Law § 21(b)(6)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>For more information please go to: <a href="http://www.nylovesbiz.com/BrownField_Redevelopment/default.asp">http://www.nylovesbiz.com/BrownField_Redevelopment/default.asp</a>.</p> <p>If yes, identify area (name)</p> <p><input type="checkbox"/> 50% <input type="checkbox"/> 100% os the site is in the Ez-zone (check one)</p>						
<p>4. PROPERTY DESCRIPTION NARRATIVE: This application covers the portion of GMCH's Lockport Complex known as Building 8. The Building 8 BCP area includes the entire footprint of Building 8. Building 8 was built as a manufacturing facility in stages from 1960 to 1966.</p>						
List of Existing Easements (type here or attach information)						
<u>Easement Holder</u>		<u>Description</u>				
No easements						
List of Permits issued by the NYSDEC or USEPA Relating to the Proposed Site (type here or attach information)						
<u>Type</u>	<u>Issuing Agency</u>		<u>Description</u>			
Title V Air Permit	NYSDEC		permit is for entire GMCH Lockport Complex			
Sewer Permit	City of Lockport		permit is for entire GMCH Lockport Complex			
SPDES Permit	NYSDEC		permit is for entire GMCH Lockport Complex			

Initials of each Requestor:

**Section III. Current Site Owner/Operator Information**

OWNER'S NAME (if different from requestor)

ADDRESS

CITY/TOWN

ZIP CODE

PHONE

FAX

E-MAIL

OPERATOR'S NAME (if different from requestor or owner)

ADDRESS

CITY/TOWN

ZIP CODE

PHONE

FAX

E-MAIL

**Section IV. Requestor Eligibility Information (Please refer to ECL § 27-1407)**

If answering "yes" to any of the following questions, please provide an explanation as an attachment.

- 1. Are any enforcement actions pending against the requestor regarding this site?  Yes  No
- 2. Is the requestor subject to an existing order relating to contamination at the site?  Yes  No
- 3. Is the requestor subject to an outstanding claim by the Spill Fund for this site?  Yes  No
- 4. Has the requestor been determined to have violated any provision of ECL Article 27?  Yes  No
- 5. Has the requestor previously been denied entry to the BCP?  Yes  No
- 6. Has the requestor been found in a civil proceeding to have committed a negligent or intentionally tortious act involving contaminants?  Yes  No
- 7. Has the requestor been convicted of a criminal offense that involves a violent felony, fraud, bribery, perjury, theft, or offense against public administration?  Yes  No
- 8. Has the requestor knowingly falsified or concealed material facts or knowingly submitted or made use of a false statement in a matter before the Department?  Yes  No
- 9. Is the requestor an individual or entity of the type set forth in ECL 27-1407.8(f) that committed an act or failed to act, and such act or failure to act could be the basis for denial of a BCP application?  Yes  No

**Section V. Property Eligibility Information (Please refer to ECL § 27-1405)**

- 1. Is the property, listed on the National Priorities List?  Yes  No
- 2. Is the property, listed on the NYS Registry of Inactive Hazardous Waste Disposal Sites?  Yes  No  
If yes, please provide: Site #                      Class #
- 3. Is the property subject to a permit under ECL Article 27, Title 9, other than an Interim Status facility?  Yes  No  
If yes, please provide: Permit type:                      EPA ID Number:  
Date permit issued:                      Permit expiration date:
- 4. Is the property subject to a cleanup order under navigation law Article 27 or ECL Article 17 or Title 10?  Yes  No  
If yes, please provide Order #
- 5. Is the property subject to a state or federal enforcement action related to hazardous waste or petroleum?  Yes  No  
If yes, please provide explanation as an attachment.

**Section VI. Project Description**

What stage is the project starting at?  investigation  remediation

Please attach a description of the project which includes the following components: **See Attachment 3**

- Purpose and scope of the project
- Estimated project schedule

## Section VII. Property's Environmental History

To the extent that existing information/studies/reports are available to the requestor, please attach the following:

### 1. Environmental Reports See Attachment 4

A Phase I environmental site assessment report prepared in accordance with ASTM E 1527 (American Society for Testing and Materials: Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process), and all environmental reports related to contaminants on or emanating from the site.

If a final investigation report is included, indicate whether it meets the requirements of ECL Article 27-1415(2):  Yes  No

### 2. Sampling Data: Indicate known contaminants and the media which are known to have been affected:

Contaminant Category	Soil	Groundwater	Surface Water	Sediment	Soil Gas
Petroleum					
Chlorinated Solvents	1,029 mg/kg	2.1 mg/l			
Other VOCs					
SVOCs	5.7 mg/kg				
Metals	66 mg/kg				
Pesticides					
PCBs					
Other:					

\*Please describe:

### 3. Suspected Contaminants: Indicate suspected contaminants and the media which may have been affected:

Contaminant Category	Soil	Groundwater	Surface Water	Sediment	Soil Gas
Petroleum					
Chlorinated Solvents					X
Other VOCs					
SVOCs					
Metals					
Pesticides					
PCBs					
Other:					

\*Please describe:

### 4. INDICATE KNOWN OR SUSPECTED SOURCES OF CONTAMINANTS:

- |   |  |   |  |
|---|--|---|--|
| <input type="checkbox"/> Above Ground Pipeline or Tank            | <input type="checkbox"/> Lagoons or Ponds            | <input type="checkbox"/> Underground Pipeline or Tank | <input type="checkbox"/> Surface Spill or Discharge  |
| <input checked="" type="checkbox"/> Routine Industrial Operations | <input type="checkbox"/> Dumping or Burial of Wastes | <input type="checkbox"/> Septic tank/lateral field    | <input type="checkbox"/> Drums or Storage Containers |
| <input type="checkbox"/> Adjacent Property                        | <input type="checkbox"/> Seepage Pit or Dry Well     | <input type="checkbox"/> Foundry Sand                 | <input type="checkbox"/> Electroplating              |
| <input type="checkbox"/> Coal Gas Manufacture                     | <input type="checkbox"/> Industrial Accident         | <input type="checkbox"/> Unknown                      |  |

Other:

### 5. INDICATE PAST LAND USES:

- |   |   |   |                                      |   |                                     |
|---|---|---|--------------------------------------|---|-------------------------------------|
| <input type="checkbox"/> Coal Gas Manufacturing | <input checked="" type="checkbox"/> Manufacturing | <input type="checkbox"/> Agricultural Co-op | <input type="checkbox"/> Dry Cleaner | <input type="checkbox"/> Salvage Yard   | <input type="checkbox"/> Bulk Plant |
| <input type="checkbox"/> Pipeline               | <input type="checkbox"/> Service Station          | <input type="checkbox"/> Landfill           | <input type="checkbox"/> Tannery     | <input type="checkbox"/> Electroplating | <input type="checkbox"/> Unknown    |

Other:

**6. Owners:** A list of previous owners with names, last known addresses and telephone numbers (describe requestor's relationship, if any, to each previous owner listed. If no relationship, put "none") See Attachment 5

**7. Operators:** A list of previous owners with names, last known addresses and telephone numbers (describe requestor's relationship, if any, to each previous owner listed. If no relationship, put "none") See Attachment 5

## Section VIII. Contact List Information

Please attach, at a minimum, the names and addresses of the following: **See Attachment 6**

1. The chief executive officer and planning board department chair of each county, city, town and village in which the property is located.
2. Residents, owners, and occupants of the property and properties adjacent to the property.
3. Local news media from which the community typically obtains information.
4. The public water supplier which services the area in which the property is located.
5. Any person who has requested to be placed on the contact list.
6. The administrator of any school or day care facility located on or near the property.
7. The location of a document repository for the project (e.g., local library). In addition, attach a copy of a letter sent to the repository acknowledging that it agrees to act as the document repository for the property.

## Section IX. Land Use Factors (Please refer to ECL § 27-1415(3))

Current Use:     Residential     Commercial     Industrial     Vacant     Recreational    (check all that apply)

Intended Use:     Unrestricted     Residential     Commercial     Industrial    (check all that apply)

Please check the appropriate box and provide an explanation as an attachment if appropriate. Provide a copy of the local zoning classifications, comprehensive zoning plan designations, and/or current land use approvals.	Yes	No
1. Do current historical and/or recent development patterns support the proposed use? (See #12 below re: discussion of area land uses)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Is the proposed use consistent with applicable zoning laws/maps?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. Is the proposed use consistent with applicable comprehensive community master plans, local waterfront revitalization plans, designated Brownfield Opportunity Area plans, other adopted land use plans?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4. Are there any Environmental Justice Concerns? (See § 27-1415(3)(p)).	<input type="checkbox"/>	<input checked="" type="checkbox"/>
5. Are there any federal or state land use designations relating to this site?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
6. Do the population growth patterns and projections support the proposed use?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7. Is the property accessible to existing infrastructure?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8. Are there important cultural resources, including federal and state historic or heritage sites or Native American religious sites within ½ mile?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
9. Are there important federal, state or local natural resources, including waterways, wildlife refuges, wetlands, or critical habitats of endangered or threatened species within ½ mile?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
10. Are there floodplains within ½ mile?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
11. Are there any institutional controls currently applicable to the property?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
12. Describe the proximity to real property currently used for residential use, and to urban, commercial, industrial, agricultural, and recreational areas in an attachment. <b>See Attachment 7</b>		
13. Describe the potential vulnerability of groundwater to contamination that might migrate from the property, including proximity to wellhead protection and groundwater recharge areas in an attachment. <b>See Attachment 7</b>		
14. Describe the geography and geology of the site in an attachment. <b>See Attachment 7</b>		

## Statement of Certification and Signatures

(By a requestor who is an individual)

I hereby affirm that information provided on this form and its attachments is true and complete to the best of my knowledge and belief. I am aware that any false statement made herein is punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.

Date: \_\_\_\_\_ Signature: \_\_\_\_\_ Print Name: \_\_\_\_\_

(By a requestor other than an individual)

I hereby affirm that I am Remediation Director (title) of General Motors LLC (entity); that I am authorized by that entity to make this application; that this application was prepared by me or under my supervision and direction; and that information provided on this form and its attachments is true and complete to the best of my knowledge and belief. I am aware that any false statement made herein is punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.

Date: 1-14-10 Signature: William J. McFarland Print Name: William J. McFarland

### SUBMITTAL INFORMATION:

Three (3) complete copies are required.

- Two (2) copies, one paper copy with original signatures and one electronic copy in Portable Document Format (PDF) on a CD or diskette, must be sent to:

Chief, Site Control Section  
New York State Department of Environmental Conservation  
Division of Environmental Remediation  
625 Broadway  
Albany, NY 12233-7020

- One (1) paper copy must be sent to the DEC regional contact in the regional office covering the county in which the site is located. Please check our [website](http://www.dec.ny.gov/about/776.html) for the address of our regional offices – <http://www.dec.ny.gov/about/776.html>

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### FOR DEPARTMENT USE ONLY

BCP SITE T&A CODE: \_\_\_\_\_ LEAD OFFICE: \_\_\_\_\_

**GM COMPONENTS HOLDINGS, LLC-BUILDING 8  
LOCKPORT COMPLEX**

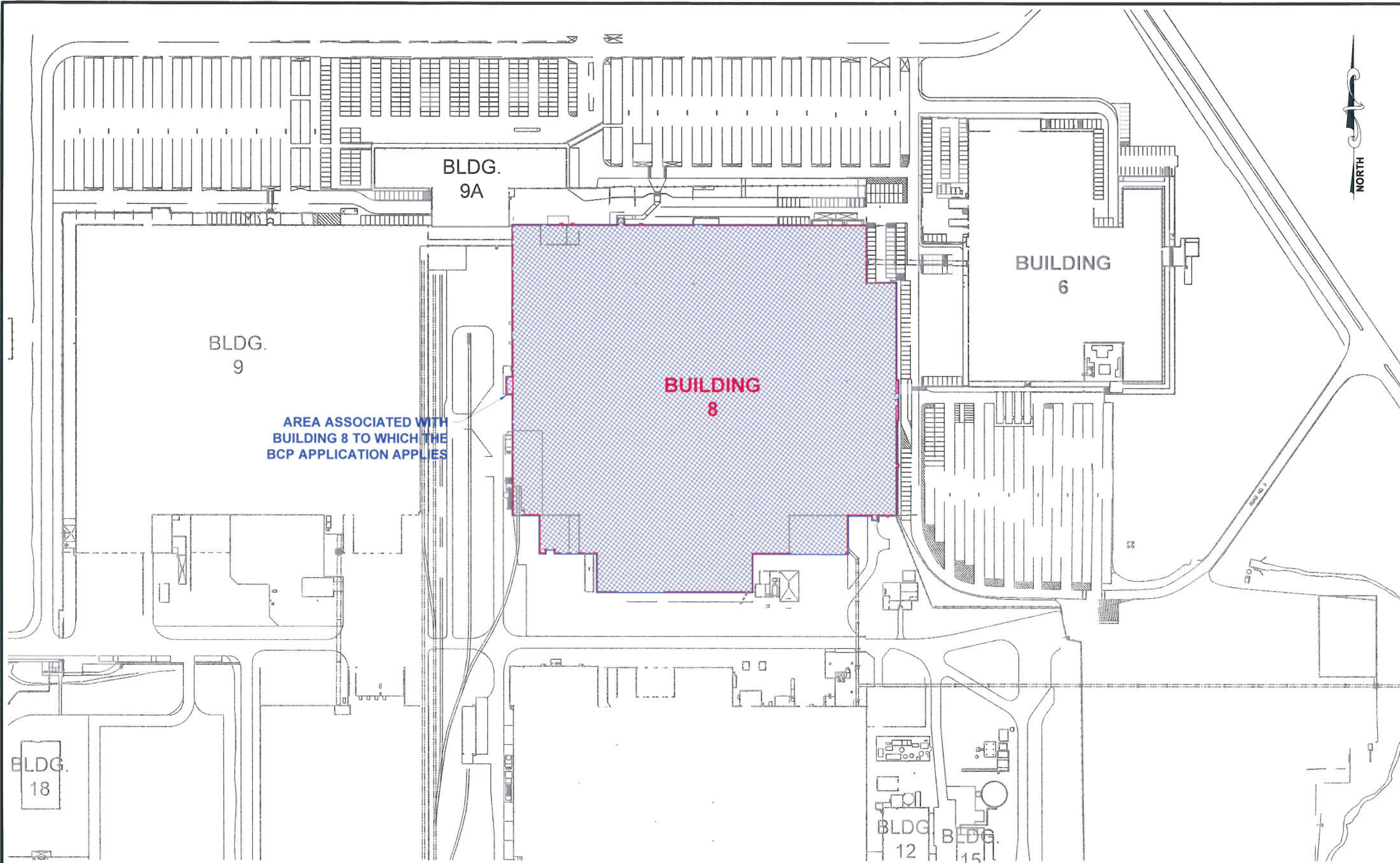
**NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
BROWNFIELD CLEANUP PROGRAM APPLICATION**

# **ATTACHMENT 1**

**Building 8, Site Map**

**Tax Map**

**Land Use Map**



**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.

<p><b>GM COMPONENTS HOLDINGS, LLC</b>                  LOCKPORT FACILITY                  200 UPPER MOUNTAIN ROAD                  LOCKPORT, NEW YORK</p> <p><b>BUILDING 8</b></p> <p><b>BROWNFIELD CLEANUP PROGRAM APPLICATION</b>  <b>BUILDING 8 SITE MAP</b></p>	<p>DRAWN BY: DEW                  DATE: NOVEMBER 2009</p> <p style="text-align: center;">   <b>GZA GeoEnvironmental of New York</b> </p>
<p>APPROXIMATE SCALE IN FEET</p>	
<p>PROJECT No.  <b>21.0056364.00</b></p> <p>FIGURE No.  <b>SITE MAP</b></p>	

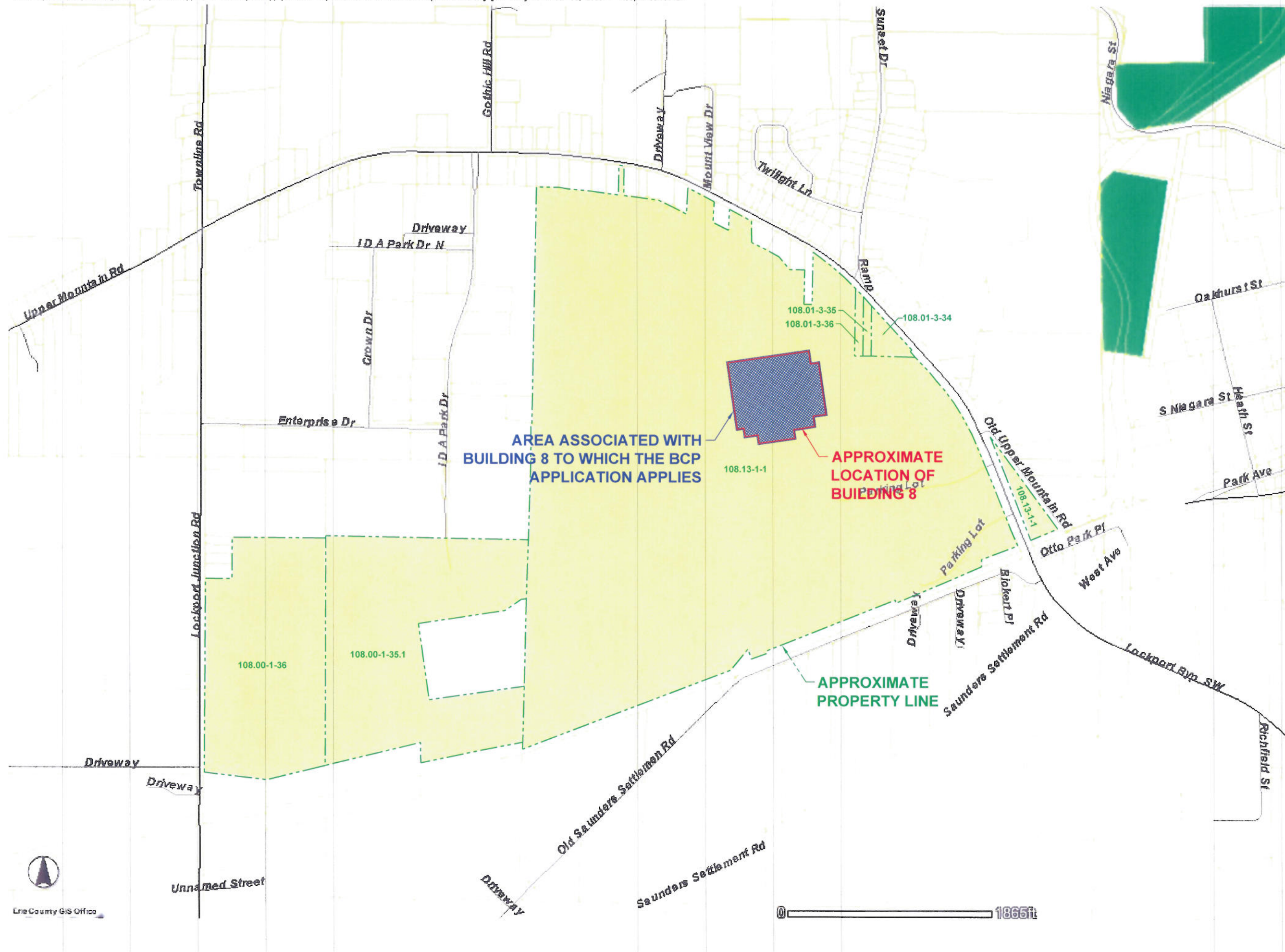


# Niagara County, NY

## Intranet Mapping Service

GM Components Holdings, LLC  
Owned Property

Shown in Yellow  
Printed 30-Nov-2007



**Legend**

- Selected Features
- Local Roads
- Interstate
- Primary Federal & State
- Secondary State & County
- Local Road
- Road Names
- Parcels
- Parks

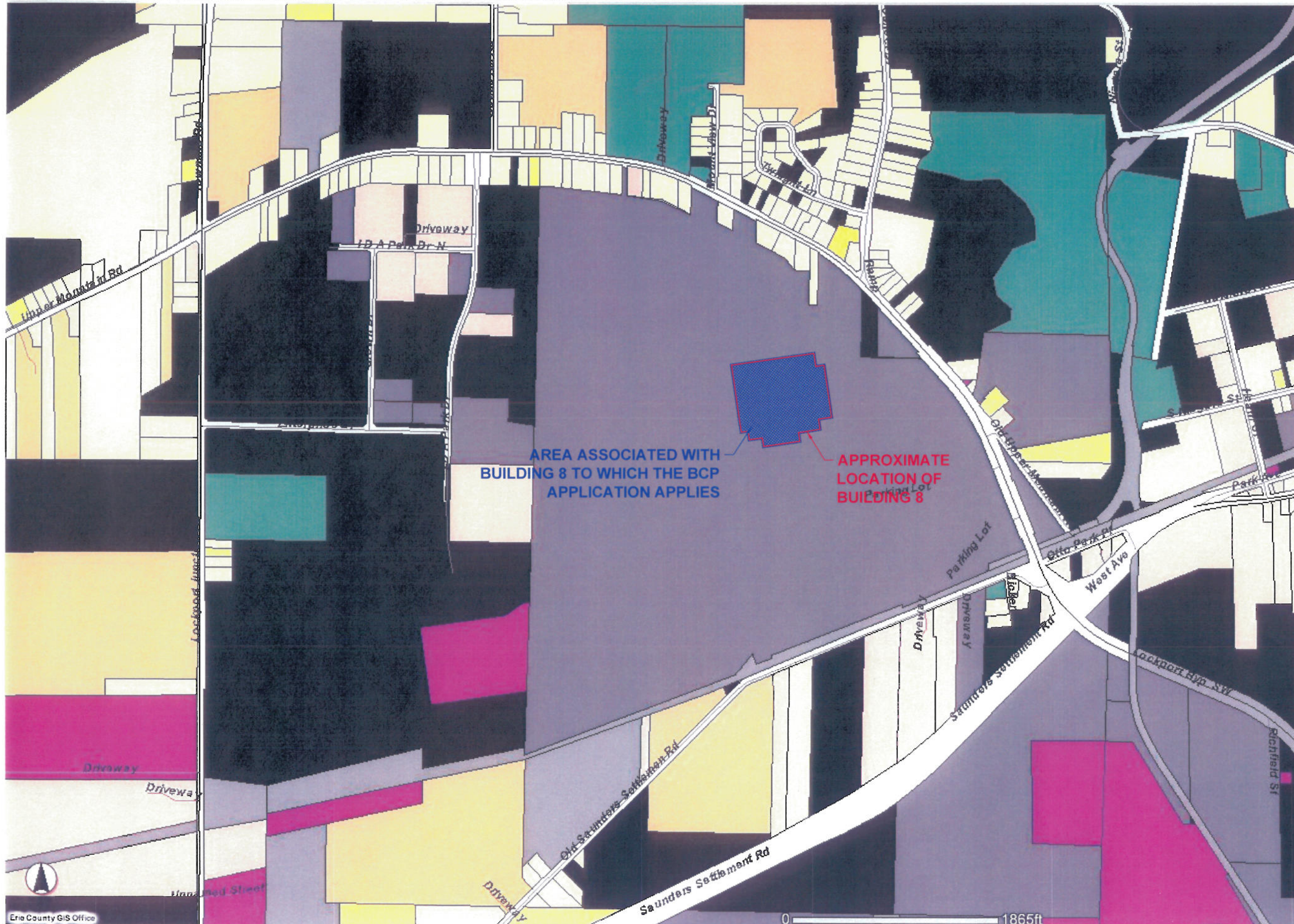


# Niagara County, NY

## Intranet Mapping Service

GM Components Holdings, LLC  
Lockport Facility

Land Use Map  
Printed 30-Nov-2007



**Legend**

**Local Roads**

- Interstate
- Primary Federal & State
- Secondary State & County
- Local Road

**Road Names**

**Parcels**

- Residential single family
- Residential two family
- Residential three family
- Residential Other
- Vacant
- Commercial
- Recreational
- Community Service
- Industrial
- Public Service
- Conservation Areas/ Parks
- Other
- Parks



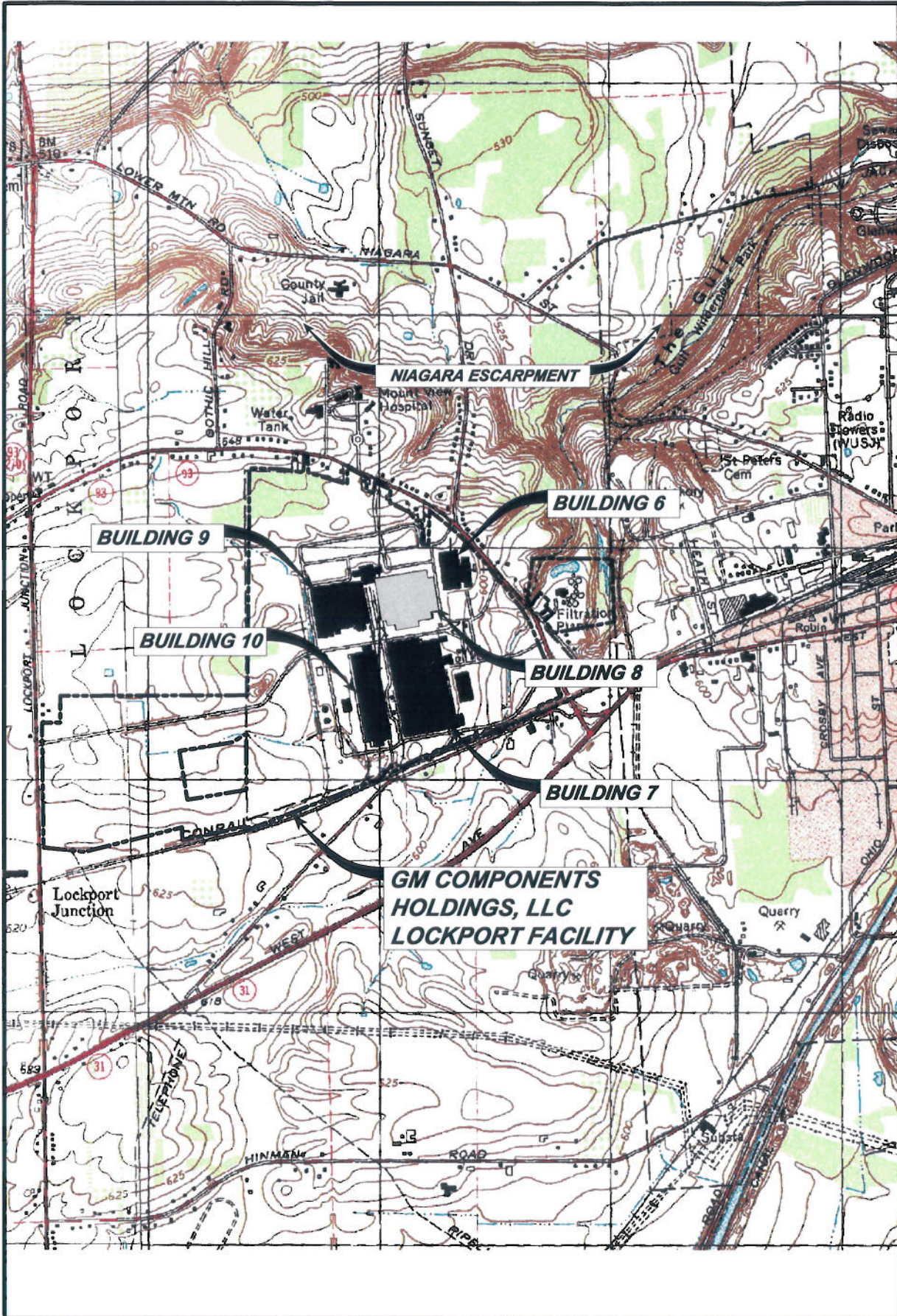
**GM COMPONENTS HOLDINGS, LLC–BUILDING 8  
LOCKPORT COMPLEX**

**NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
BROWNFIELD CLEANUP PROGRAM APPLICATION**

## **ATTACHMENT 2**

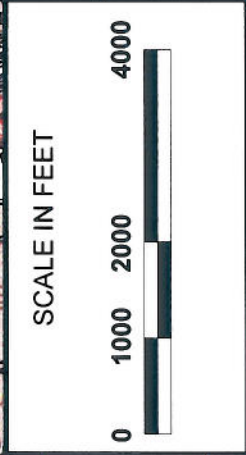
**FIGURE 1:  
USGS Map  
Locus Plan**

**FIGURE 2:  
2005 Aerial Photograph  
Building 8 Site Plan**



**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**

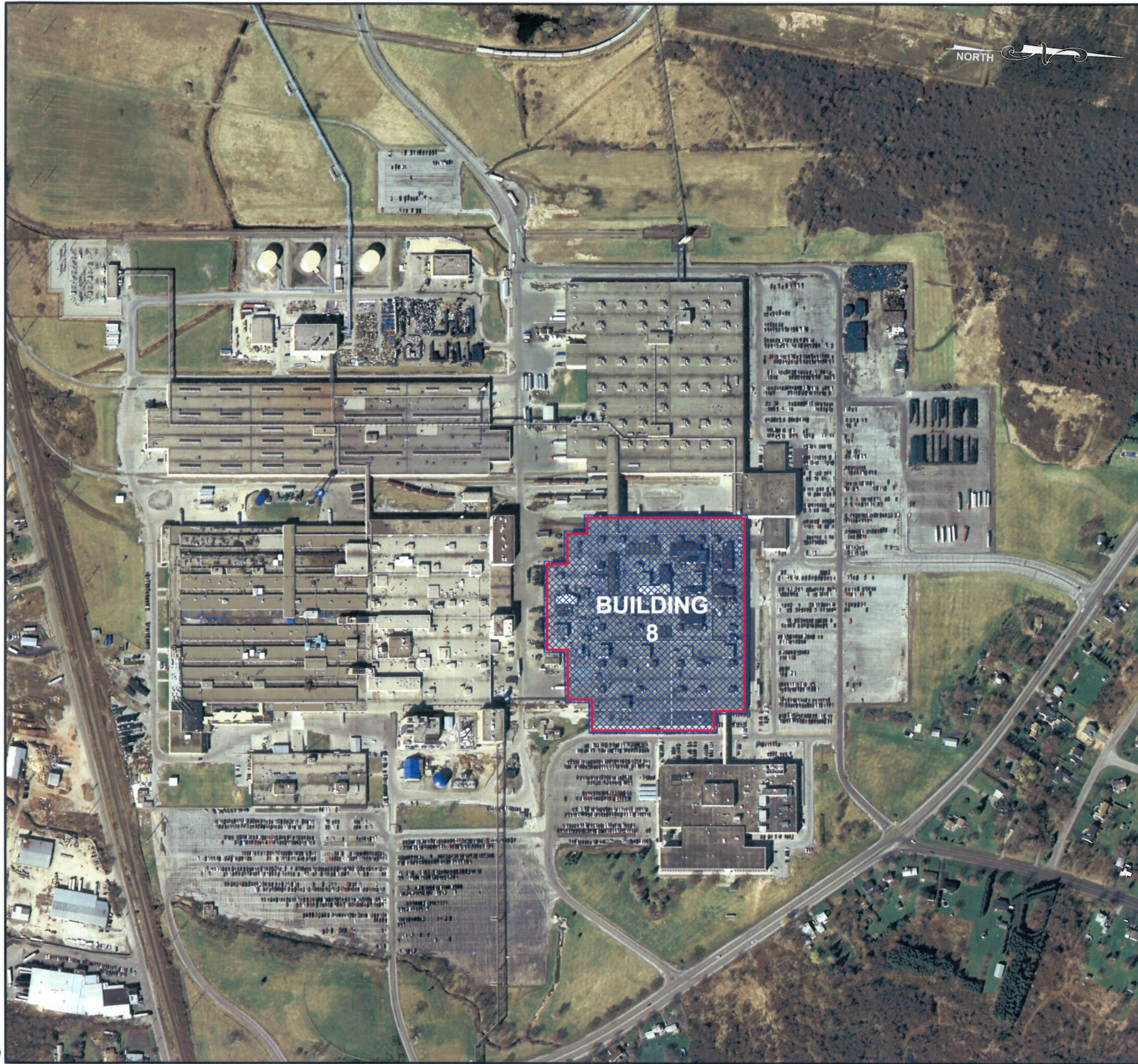
**NOTE:**  
 BASE MAP ADAPTED FROM U.S.G.S.  
 TOPOGRAPHIC MAPS DOWNLOADED  
 FROM TERRASERVER.MICROSOFT.COM



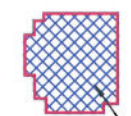
**PROJECT No.**  
**21.0056364.00**

**ATTACHMENT No.** 2

**FIGURE No.** 1



**LEGEND:**



INDICATES BUILDING 8 FOOTPRINT

SHADING INDICATES AREA ASSOCIATED WITH BUILDING 8 TO WHICH THE BCP APPLICATION APPLIES

**NOTES:**

1. BASE MAP ADAPTED FROM A 2005 AERIAL PHOTOGRAPH DOWNLOADED FROM [http://www.nysgis.state.ny.us/gateway/mg/interactive\\_main.html](http://www.nysgis.state.ny.us/gateway/mg/interactive_main.html) AND SITE OBSERVATIONS.
2. THE SIZE AND LOCATION OF EXISTING SITE FEATURES SHOULD BE CONSIDERED APPROXIMATE.

<b>GM COMPONENTS HOLDINGS, LLC</b> LOCKPORT FACILITY 200 UPPER MOUNTAIN ROAD LOCKPORT, NEW YORK <b>BUILDING 8</b> BROWNFIELD CLEANUP PROGRAM APPLICATION SITE PLAN	DRAWN BY: DEW DATE: NOVEMBER 2009
	GZA GeoEnvironmental of New York
APPROXIMATE SCALE IN FEET 0 200 400 800	
PROJECT No. <b>21.0056364.00</b> ATTACHMENT No. <b>2</b> FIGURE No. <b>2</b>	

**GM COMPONENTS HOLDINGS, LLC–BUILDING 8  
LOCKPORT COMPLEX**

**NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
BROWNFIELD CLEANUP PROGRAM APPLICATION**

## **ATTACHMENT 3**

**Background  
Purpose  
Scope of Work and  
Estimated Project Schedule**

## ATTACHMENT 3

### BACKGROUND

GM Components Holdings, LLC (GMCH) owns and operates an automotive component manufacturing complex in Lockport, New York. Within the complex, Building 7, Building 8 and Building 9 are dedicated to manufacturing and engineering. Building 6 has been leased to Delphi Properties Management, LLC for vehicle component engineering and testing. Building 10 has been converted to house new manufacturing operations staffed by non-GMCH personnel in the northern portion with the southern portion being used by GMCH as a warehouse (see Attachment 2, Figure 1).

Building 8 (see Attachment 2, Figure 2), is the focus of this Brownfield Cleanup (BCP) application. It is located in the northern central portion of the complex and has been used for manufacturing since 1960.

In 2006, a site-wide Current Conditions Summary and Field Investigation Report (Study) was completed by Environmental Resources Management (ERM) in order to identify areas of soil and/or groundwater contamination throughout the Lockport Complex. Elevated levels of arsenic, trichloroethene and benzo(a)pyrene were detected in soils at concentrations above New York State regulations; specifically, Part 375-6.8(b) industrial soil cleanup objectives at the three AOIs 18, 22 and 23 identified for Building 8 (see Figure 14, Table 3 and Groundwater Summary Table in Attachment 4 for locations and analytical results, respectively).

### PURPOSE

The purpose of this project is to further delineate the extent of the soil and groundwater contamination associated with Building 8 and address the concerns associated with contamination in subsurface source soil, groundwater and indoor air. Upon determining the extent and/or impact of contamination, a remedial strategy acceptable to NYSDEC will be implemented.

### SCOPE OF WORK

This project will further delineate and remediate the soil, groundwater and indoor air concerns associated with Building 8. Based on the findings of the additional soil, groundwater and indoor air investigation a remedial strategy acceptable to the NYSDEC will be developed and implemented.

### ESTIMATED PROJECT SCHEDULE

Submittal of BCP Application:	January 2010
Submit Investigation Work Plan:	July 2010
Perform Investigation:	2011 - 2012
(Timing depends on coordinating subsurface investigations with manufacturing activities)	
Submittal of Investigation Report:	September 2012
Submittal of Alternative Analysis Report:	December 2012

**GM COMPONENTS HOLDINGS, LLC-BUILDING 8  
LOCKPORT COMPLEX**

**NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
BROWNFIELD CLEANUP PROGRAM APPLICATION**

# **ATTACHMENT 4**

## **Previous Reports**

**Summary Table of pertinent data and Figure from Delphi Lockport, 2006 Site Wide  
Investigation pertaining to Building 8.**



## ATTACHMENT 4

### PREVIOUS ENVIRONMENTAL REPORTS

In 2006, a voluntary facility-wide investigation of soil and groundwater conditions at their Lockport facility was conducted. The first phase of that work was the development of a Current Conditions Summary (CCS) which was completed by ERM. The CCS work generally followed the requirements for a CCS in the RCRA Corrective Action Program and we believe it was as comprehensive as any initial BCP or State Superfund investigation would be.

After completion of the CCS, a field investigation, also completed by ERM, was initiated to assess soil and groundwater conditions at each area of interest (AOI), identified by the CCS. A total of 144 soil borings were completed, and nine sediment and four surface soil samples were collected. Six monitoring wells were installed, but only five were sampled as one of the wells was dry. Over 400 soil and groundwater samples were analyzed for an extensive list of parameters. The field investigation activities and results were described in the Field Investigation Report (FIR). The FIR was submitted to the Department's Region 9 office in January 2007, followed by the CCS submission in May 2007.

Three AOIs located within the footprint of the Building 8 BCP site were included in the field investigation. AOI-18 was a former chromium sump area in the central portion of the building. AOI-22 was former degreasing locations located throughout the building and AOI-23 was a historic press operations area in the northeastern portion of the building. Thirty-two borings were completed inside Building 8 in the three AOIs identified (see Figure 14 in Attachment 4). At each AOI, samples were analyzed for VOCs, SVOCs, PCBs, and metals.

The Study identified elevated levels of chlorinated solvents in soils beneath one former degreaser area (AOI-22) in Building 8, as well as chlorinated solvents in groundwater south of the building (see Figure 14 for locations, Table 3 for soil data and Groundwater Summary Table for groundwater data in Attachment 4). Arsenic and benzo(a)pyrene were also detected at elevated levels at AOI-18 and AOI-23, respectively.

Boring 8-001-G was one of nine borings completed within AOI-18. Results of the soil samples from 8-001-G indicated that arsenic was detected at a concentration of 65.8 parts per million (ppm) in a sample collected from 2 to 4 feet below ground surface (bgs) (see Table 3 and Figure 14 in Attachment 4). This detection of arsenic is above its NYSDEC Part 375 Industrial Soil Cleanup Objective (SCO) of 16 ppm. No other compounds were detected above their respective Industrial SCO in the samples collected to address AOI-18.

Boring 8-005-3C was one of 16 borings completed to address AOI-22. Trichloroethene (TCE) was detected at a concentration of 1,000 ppm in a sample collected from 8-005-3C; 8 to 10 feet bgs (see Table 3 and Figure 14 in Attachment 4). This detection of TCE is above its NYSDEC Part 375 Industrial Soil Cleanup Objective of 400 ppm. No other compounds were detected above their respective Industrial SCO in the samples collected to address AOI-22.

## ATTACHMENT 4

Boring 8-006-F was one of seven borings completed to address AOI-23. Benzo(a)pyrene was detected at a concentration of 1.4 ppm in a sample collected from 8-006-F; 0 to 1.5 feet bgs (see Table 3 and Figure 14 in Attachment 4). This detection of benzo(a)pyrene is above its NYSDEC Part 375 Industrial SCO of 1.1 ppm. No other compounds were detected above their respective Industrial SCO in the samples collected to address AOI-23.

Additional investigations will be conducted to determine the extent of the contamination present and remedial efforts will be implemented based on the findings of the additional investigation.





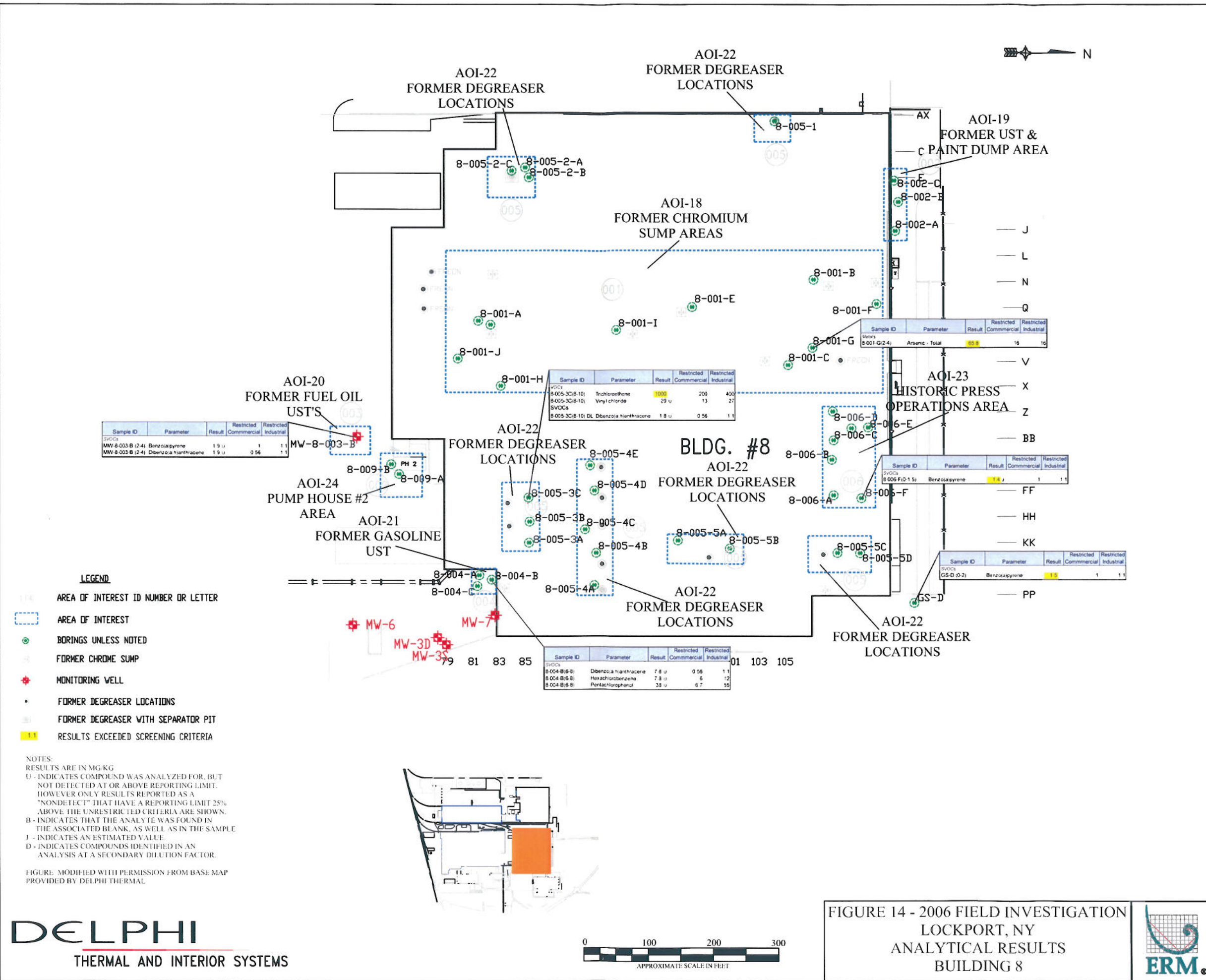


**Summary Table  
Groundwater Sample Analytical Results  
GM Components Holdings LLC  
Lockport Complex  
2006 Site Wide Investigation  
Lockport, New York  
Building 8 Brownfield Cleanup Program Application**

Sample Location	NYSDEC Class GA criteria	MW-8-03-B	Q
<b>Volatile Organics via EPA Method 8260 (ug/l)</b>			
1,1-Dichloroethene	0.7	2.4	
cis-1,2-dichloroethene	7	630	D
trans-1,2-Dichloroethene	5	4.8	
Tetrachloroethene	0.7	970	BD
Trichloroethene	5	390	D
Vinyl chloride	2	91	
<b>Semi-Volatile Organics via EPA Method 8270 (ug/l)</b>			
Acenaphthene	20	0.3	J
<b>Inorganics via EPA Method 6010/ (ug/l)</b>			
Barium	1,000	100	

Notes:

1. Only compounds detected in one or more of the samples are presented in this table.
2. Blank indicates compound was not detected.
3. NT indicates compound was not tested.
4. Q = laboratory qualifier; J = estimate concentration; D = diluted sample result;  
B = compound was detected in the blank.
5. mg/kg = parts per million
6. NYSDEC Class GA criteria from NYSDEC Division of Water, Technical and Operational Guidance Series (TOGS 1.1.1), dated October 1993, revised June 1998, January 1999 errata sheet and April 2000 addendum.
7. Concentrations that are shaded exceed NYSDEC Class GA criteria



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

Sample ID	Parameter	Result	Restricted Commercial	Restricted Industrial
MW-8-003-B (24)	Benz[a]pyrene	1.9 u	1	1.1
MW-8-003-B (24)	Dibenz[a,h]anthracene	1.9 u	0.56	1.1

Sample ID	Parameter	Result	Restricted Commercial	Restricted Industrial
8-005-3C(8-10)	Trichloroethene	1000	200	400
8-005-3C(8-10)	Vinyl chloride	29 u	13	27
8-005-3C(8-10) DL	Dibenz[a,h]anthracene	1.8 u	0.56	1.1

Sample ID	Parameter	Result	Restricted Commercial	Restricted Industrial
8-001-G(24)	Arsenic - Total	0.55	16	16

Sample ID	Parameter	Result	Restricted Commercial	Restricted Industrial
8-006-F(15)	Benz[a]pyrene	11.4 u	1	1.1

Sample ID	Parameter	Result	Restricted Commercial	Restricted Industrial
GS-D(2)	Benz[a]pyrene	1.3	1	1.1

Sample ID	Parameter	Result	Restricted Commercial	Restricted Industrial
8-004-B(8)	Dibenz[a,h]anthracene	7.8 u	0.56	1.1
8-004-B(8)	Hexachlorobenzene	7.3 u	5	12
8-004-B(8)	Pentachlorophenol	3.8 u	6.7	15

**GM COMPONENTS HOLDINGS, LLC-BUILDING 8  
LOCKPORT COMPLEX**

**NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
BROWNFIELD CLEANUP PROGRAM APPLICATION**

## **ATTACHMENT 5**

### **Previous Owners & Occupants**



## ATTACHMENT 5

### PREVIOUS OWNER/OCCUPANT INFORMATION

Building 7 was owned and operated by General Motors Corporation until the Delphi Thermal Lockport, NY manufacturing complex was conveyed to Delphi Automotive Systems, LLC (Delphi) in December 1998. In June 2009, General Motors Corporation filed for Chapter 11 bankruptcy protection and it is now known as Motors Liquidation Company (MLC).

A new company was created to purchase certain assets of MLC and the current name of that entity is General Motors LLC (GM). A GM subsidiary known as GM Components Holdings, LLC (GMCH) took title from Delphi the portion of the Delphi Thermal site manufacturing facility that includes the proposed BCP site in October 2009.

Prior Owners/Operators:

Motors Liquidation Company (former General Motors Corporation): Relationship to the Requestor - None  
500 Renaissance Center, Suite 1400  
Detroit, MI 48243  
313-556-5000

Delphi Automotive Systems, LLC: Relationship to the Requestor - None  
5725 Delphi Drive  
Troy, Michigan 48098-2815  
248-813-2000

**GM COMPONENTS HOLDINGS, LLC-BUILDING 8  
LOCKPORT COMPLEX**

**NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
BROWNFIELD CLEANUP PROGRAM APPLICATION**

## **ATTACHMENT 6**

### **Contact List**

# ATTACHMENT 6

## CONTACT LIST

### NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Gregory Sutton, P.E.  
270 Michigan Avenue  
Buffalo, NY 14203

Glenn May  
270 Michigan Avenue  
Buffalo, NY 14203

### NEW YORK STATE DEPARTMENT OF HEALTH

Matthew Forcucci  
584 Delaware Avenue  
Buffalo, NY 14202

### NIAGARA COUNTY

William Ross  
Niagara County Legislative Chairman  
175 Hawley Street  
Lockport, NY 14094

Greg Lewis  
County Manager  
59 Park Avenue  
Lockport, NY 14094

### CITY OF LOCKPORT

Michael Tucker  
Mayor  
One Locks Plaza  
Lockport, NY 14094

Richard Blackey  
Zoning Board Chairperson  
49 Gaffney Road  
Lockport, NY 14094

Paula Sattelberg  
Director of Public Utilities  
611 West Jackson Street  
Lockport, NY 14094

# ATTACHMENT 6

## CONTACT LIST

### TOWN OF LOCKPORT

Marc Smith  
Town Supervisor  
6560 Dysinger Road  
Lockport, NY 14094

Timothy Lederhaus  
Zoning Board of Appeals Chairman  
6200 Robinson Road  
Lockport, NY 14094

Richard Forsey  
Town Planning & Zoning Board  
6200 Robinson Road  
Lockport, NY 14094

Administrative Director  
Town of Lockport IDA  
Dysinger Road  
Lockport, NY 14094

### BUILDING 6 TENANT

Delphi Automotive Systems, LLC  
5725 Delphi Drive  
Troy, Michigan 48098-2815  
248-813-2000

### BUILDING 7 TENANTS

Paul Soldridge  
Air Products & Chemicals, Inc.  
7201 Hamilton Boulevard  
Allentown, PA 18195-1501

### BUILDING 10 TENANTS

Rick G. Bohn  
Supplier Park Industries LLC  
PO Box 23271  
Chagrin Falls, OH 44023

# ATTACHMENT 6

## CONTACT LIST

### ADJACENT PROPERTIES

Town of Lockport IDA  
1010 Upper Mountain Road  
Lockport, NY 14094

Spartech Polycom  
4921 IDA Park Drive  
Lockport, NY 14094

GLS Leasco Inc. or Current Occupant  
4929 IDA Park Drive  
Lockport, NY 14094

Tom Gesicki  
Lockport Energy Associates LP  
5077 R Junction Road  
Lockport, NY 14094

Elaine Laubacken or Current Resident  
1045 Old Saunders Settlement Road  
Lockport, NY 14094

Shirley Van Dewater or Current Resident  
5465 Old Saunders Settlement Road  
Lockport, NY 14094

Linda Haley or Current Resident  
5524 Old Saunders Settlement Road  
Lockport, NY 14094

Russell LaRoach or Current Resident  
5574 Old Saunders Settlement Road  
Lockport, NY 14094

Clyde Wolcott or Current Resident  
5578 Old Saunders Settlement Road  
Lockport, NY 14094

Cragco Inc. or Current Resident  
1020 Old Saunders Settlement Road  
Lockport, NY 14094

## ATTACHMENT 6

### CONTACT LIST

David Clare or Current Resident  
5610 Old Saunders Settlement Road  
Lockport, NY 14094

5626 Saunders Settlement LLC  
5620 Old Saunders Settlement Road  
Lockport, NY 14094

5626 Saunders Settlement LLC  
5626 Old Saunders Settlement Road  
Lockport, NY 14094

Avon Rubber & Plastic Inc. or Current Occupant  
5638 Old Saunders Settlement Road  
Lockport, NY 14094

Friendship Baptist Church  
5652 Old Saunders Settlement Road  
Lockport, NY 14094

Douglas Snow or Current Resident  
5729 Old Upper Mountain Road  
Lockport, NY 14094

Allen Penwright or Current Resident  
5723 Old Upper Mountain Road  
Lockport, NY 14094

Allen Penwright or Current Resident  
5719 Old Upper Mountain Road  
Lockport, NY 14094

Keith Ritts or Current Resident  
5697 Upper Mountain Road  
Lockport, NY 14094

Bernadine Amlaw or Current Resident  
5677 Upper Mountain Road  
Lockport, NY 14094

Lewis Hagen or Current Resident  
5669 Upper Mountain Road  
Lockport, NY 14094

## ATTACHMENT 6

### CONTACT LIST

Joseph Verdonselli Jr. or Current Resident  
5659 Upper Mountain Road  
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Henry Merletti or current Resident  
5641 Upper Mountain Road  
Lockport, NY 14094

Henry Merletti or Current Resident  
5629 Upper Mountain Road  
Lockport, NY 14094

Partick Nye or Current Resident  
5625 Upper Mountain Road  
Lockport, NY 14094

David Hillman or Current Resident  
5613 Upper Mountain Road  
Lockport, NY 14094

Carmen Buttaccio or Current Resident  
5611 Upper Mountain Road  
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Kevin Knieriem or Current Resident  
5605 Upper Mountain Road  
Lockport, NY 14094

Roger Baker or Current Resident  
5541 Upper Mountain Road  
Lockport, NY 14094

Peter Wagner or Current Resident  
5533 Upper Mountain Road  
Lockport, NY 14094

Michael Cloen or Current Resident  
5525 Upper Mountain Road  
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Shirley O'Sullivan or Current Resident  
5515 Upper Mountain Road  
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## ATTACHMENT 6

### CONTACT LIST

Daniel Sciascia or Current Resident  
5511 Upper Mountain Road  
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Martin Crandall or Current Resident  
5507 Upper Mountain Road  
Lockport, NY 14094

Robert Laport or Current Resident  
5503 Upper Mountain Road  
Lockport, NY 14094

Wayne Wruck or Current Resident  
5497 Upper Mountain Road  
Lockport, NY 14094

James Chiaravalle or Current Resident  
5483 Upper Mountain Road  
Lockport, NY 14094

Michael Wachowicz or Current Resident  
5479 Upper Mountain Road  
Lockport, NY 14094

Mark Erikson or Current Resident  
5477 Upper Mountain Road  
Lockport, NY 14094

United Cerebral Palsy or Current Occupant  
4900 Mountain View Drive  
Lockport, NY 14094

Niagara Co. General Nursing Home  
5465 Upper Mountain Road  
Lockport, NY 14094

Frank Abrams or Current Resident  
5459 Upper Mountain Road  
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Deborah Burns or Current Resident  
5453 Upper Mountain Road  
Lockport, NY 14094



## ATTACHMENT 6

### CONTACT LIST

David Tolli or Current Resident  
5451 Upper Mountain Road  
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Angelika Pawlik or Current Resident  
5447 Upper Mountain Road  
Lockport, NY 14094

Jay Simon or Current Resident  
5443 Upper Mountain Road  
Lockport, NY 14094

John Fulcher Jr. or Current Resident  
5437 Upper Mountain Road  
Lockport, NY 14094

Scott Bruning or Current Resident  
5433 Upper Mountain Road  
Lockport, NY 14094

James Floyd or Current Resident  
5429 Upper Mountain Road  
Lockport, NY 14094

Teresa Sidar or Current Resident  
4899 Gothic Hill Road  
Lockport, NY 14094

Donald Barish or Current Resident  
5420 Upper Mountain Road  
Lockport, NY 14094

Daniel Tomkinson or Current Resident  
5428 Upper Mountain Road  
Lockport, NY 14094

Theodore Case or Current Resident  
5434 Upper Mountain Road  
Lockport, NY 14094

William Westlake Jr. or Current Resident  
5440 Upper Mountain Road  
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## ATTACHMENT 6

### CONTACT LIST

Blanche Giertz or Current Resident  
5442 Upper Mountain Road  
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Rodney McKeown or Current Resident  
5454 Upper Mountain Road  
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Paul Mathews or Current Resident  
5462 Upper Mountain Road  
Lockport, NY 14094

Jill Thomas or Current Resident  
5468 Upper Mountain Road  
Lockport, NY 14094

Peter Wagner or Current Resident  
5474 Upper Mountain Road  
Lockport, NY 14094

Robert Ott or Current Resident  
5452 Upper Mountain Road  
Lockport, NY 14094

James Witkop or Current Resident  
5482 Upper Mountain Road  
Lockport, NY 14094

Dorothy Pollock or Current Resident  
5466 Upper Mountain Road  
Lockport, NY 14094

Marilyn Link or Current Resident  
5478 Upper Mountain Road  
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Claudette Hallatt or Current Resident  
5498 Upper Mountain Road  
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Margaret Neal or Current Resident  
5512 Upper Mountain Road  
Lockport, NY 14094

# ATTACHMENT 6

## CONTACT LIST

Gerald Wagner or Current Resident  
5518 Upper Mountain Road  
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Michael Vincent or Current Resident  
5526 Upper Mountain Road  
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Ronald Hanley or Current Resident  
5075 Junction Road  
Lockport, NY 14094

Cleveland Schreiber or Current Resident  
5071 Junction Road  
Lockport, NY 14094

Timothy Laport or Current Resident  
5069 Junction Road  
Lockport, NY 14094

Daniel Nye or Current Resident  
5063 Junction Road  
Lockport, NY 14094

The People of the State  
5055 Junction Road  
Lockport, NY 14094

Central Transport Inc.  
4925 IDA Park Drive  
Lockport, NY 14094

### LOCAL NEW MEDIA

Buffalo News  
One News Plaza  
PO Box 100  
Buffalo, NY 14240

LCTV  
293 Niagara Street  
Lockport, NY 14094

## ATTACHMENT 6

### CONTACT LIST

Lockport Union Sun & Journal  
170 East Avenue  
Lockport, NY 14094

WLVL 1340 AM  
320 Michigan Street  
Lockport, NY 14094

#### PUBLIC WATER SUPPLY

Paula Sattelburg  
Director of Public Utilities  
611 West Jackson Street  
Lockport, NY 14094

#### SCHOOLS & DAY CARES

No schools or day cares are located within a ¼ mile radius of the Site.

#### DOCUMENT REPOSITORY

Lockport Public Library  
23 East Avenue  
Lockport, NY 14094  
(see attached acceptance correspondence)

November 30, 2009

Claire McDonough  
Reference Librarian  
Lockport Public Library  
23 East Avenue  
Lockport, New York 14094



535 Washington Street  
11th Floor  
Buffalo, New York  
14203  
716-685-2300  
FAX 716-685-3629  
www.gza.com

Re: Use of Lockport Public Library as  
Document Repository regarding  
Brownfield Cleanup Program Applications for  
GM Components Holdings LLC  
200 Upper Mountain Road  
Lockport, NY 14094

Dear Claire:

GZA GeoEnvironmental of New York (GZA) has prepared this letter to confirm our conversation on November 24, 2009 that the Lockport Public Library will act as the document repository for the public documents that will be made available as part of the Brownfield Cleanup Project to be completed at the above referenced Site. The document repository is required by the New York State Department of Environmental Conservation Brownfield Cleanup Programs. These documents will need to be kept on file for a period of 3 years. However, regulations require that a repository be maintained until the final remedy is implemented. Please contact us before you discard any documents.

If you have any questions please do not hesitate to contact the undersigned at 716-685-2300 between 8 am and 5 pm, Monday through Friday. Thank you for your cooperation in this matter.

Sincerely,

GZA GEOENVIRONMENTAL OF NEW YORK

A handwritten signature in black ink that reads 'Cliff Boron'. The signature is written in a cursive, somewhat stylized script.

Christopher Boron  
Senior Project Manager

**GM COMPONENTS HOLDINGS, LLC–BUILDING 8  
LOCKPORT COMPLEX**

**NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
BROWNFIELD CLEANUP PROGRAM APPLICATION**

## **ATTACHMENT 7**

**Description of Surrounding Area  
Site Geography  
Geology and  
Hydrogeology**

## ATTACHMENT 7

### SURROUNDING AREA DESCRIPTION

The GM Components Holdings, LLC (GMHC) Lockport Complex 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 including Building 8 is located within the City 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. Figure 1 in Attachment 1 shows the approximate location of GMCH and the surrounding areas.

GMCH is located in an area of mixed residential, agricultural, commercial, and industrial settings along Upper Mountain Road. Across Upper Mountain Road, the Niagara Escarpment is located approximately one-half mile to the northeast. A stone quarry and former steel facility are located approximately 1 mile south of GMCH. Residential properties are generally present along the east and north sides of Upper Mountain Road and to the west.

### GROUNDWATER VULNERABILITY

Groundwater flow at GMCH is in the upper bedrock unit, which has a flow direction in an easterly direction. Chlorinated solvents (vinyl chloride, trans-1,2-dichloroethene, cis-1,2-dichloroethene, trichloroethene and tetrachloroethene) have been detected to the south and east of Building 8 at concentrations above NYSDEC Class GA criteria. Elevated levels of chlorinated solvents detected in groundwater to the east of Building 8 are currently being addressed by monitoring natural attenuation (NYSDEC Registry Site # 932113) and an Order on Consent is being negotiated between GMCH and NYDEC.

This location is about ¼ mile from the downgradient property line. Groundwater flows from Building 8 easterly towards adjacent Building 6.

The Site and surrounding area are supplied by public water provided by the City of Lockport. Water for public supply is drawn from the Niagara River. No wellhead protection or groundwater recharge areas are located within the vicinity.

### GEOGRAPHY

The City of Lockport has a total area of approximately 8.6 square miles of which 8.5 square miles is land and 0.1 square miles is water. Lockport is located in the center of Niagara County approximately 18 miles east of Niagara Falls and 30 miles northeast of Buffalo.

The Erie Canal passes through the center of Lockport, approximately 1¼ miles southeast of the Site, turning south toward Tonawanda Creek. Lockport is at the junction of several major trunk roads, including NY Route 78 (North Transit Road), New York State Route 31, and New York State Route 77.

## ATTACHMENT 7

The naturally existing topography in the vicinity of the Site is generally flat. The primary surface relief in the area is the Niagara Escarpment, located approximately one mile to the north. There is an approximate 200-foot difference in elevation from the ground surface elevation at the Site to the foot of the escarpment. This escarpment acts as a surface water and groundwater divide.

As of the 2000 census, there were 22,279 people, 9,459 households, and 5,609 families residing in the City of Lockport. The racial makeup of the city is reported to be 91.04% White, 5.78% Black or African American, 0.47% Native American, 0.48% Asian, 0.01% Pacific Islander, 0.50% from other races, and 1.72% from two or more races. Hispanic or Latino of any race were 2.06% of the population.

### GEOLOGY

Soil conditions beneath Building 8 typically consisted of approximately 3 feet of fill material (fine grained silty clay) overlaying native soils (fine grained silts and clays with lesser and varying amounts of sand and gravel). Bedrock was encountered at a depth of approximately 10 to 12 feet.

Regionally, the stratigraphy from ground surface consists of glacially derived soils comprised of lacustrine clays and silts which overlay bedrock. The upper-most bedrock unit is the Lockport Group, which consists of the Gasport Limestone Formation and the Lockport Dolomite. The Gasport Limestone was not observed in borings completed at the Site. 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 Grisby 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 dips to the south to southwest at a slope of about 40 feet per mile. The rock bedding is considered essentially flat over short distances. High angle to vertical joints are common to the rock.

Bedrock underlying Building 8 is the Lockport Dolomite Formation. Beneath the Lockport Dolomite is the Rochester Shale Formation. The Lockport Dolomite is gray dolomitic limestone, which is hard and fine-grained with horizontal to low angle fractures.

### GROUNDWATER

Numerous additional wells exist throughout the GMCH Lockport Complex. Water levels range from about 3 to 10 feet below ground surface (bgs) around Building 8. Groundwater flow direction is in an easterly direction. Groundwater flow under Building 8 is towards Buildings 6.



## ATTACHMENT 7

Regionally, the bedrock groundwater flow direction is affected by the east-west trending Niagara Escarpment, which is located approximately 0.5 mile north of the Lockport Complex. The Erie Canal is approximately 1¼ mile to the southeast and has a southwest-northeast trend in the vicinity of the City of Lockport. Bedrock groundwater flow in the area is also affected by the orientation of bedrock fracture patterns and the size of the fractures.