

**New York State  
Department of Environmental Conservation**

**Brownfield Cleanup Program (BCP)**  
ECL ARTICLE 27/TITLE 14

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

07/07

**Section I. Requestor Information**

NAME Delphi Automotive Systems LLC

ADDRESS 200 Upper Mountain Road

CITY/TOWN Lockport

ZIP CODE 14094

PHONE 716-439-2192

FAX 716-439-3048

E-MAIL roy.d.knapp@delphi.com

NAME OF REQUESTOR'S REPRESENTATIVE Richard Eisenman

ADDRESS Delphi, PO Box 92700

CITY/TOWN Rochester

ZIP CODE 14692

PHONE 585-647-4766

FAX 585-647-4878

E-MAIL richard.c.eisenman@delphi.com

NAME OF REQUESTOR'S CONSULTANT Christopher Boron

ADDRESS GZA Geoenvironmental of New York, 535 Washington Street

CITY/TOWN Buffalo

ZIP CODE 14203

PHONE 716-844-7046

FAX 716-685-3309

E-MAIL cboron@gza.com

NAME OF REQUESTOR'S ATTORNEY Barry Kogut, Esq.

ADDRESS Bond, Schoeneck & King PLLC, One Lincoln Center

CITY/TOWN Syracuse

ZIP CODE 13202-1355

PHONE (315) 218-8181

FAX (315) 218-8481

E-MAIL KogutB@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, involvement with the site subsequent to the disposal of hazardous waste or 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 Delphi Lockport 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) 12.8

LATITUDE (degrees/minutes/seconds) 43° 10' 6"

LONGITUDE (degrees/minutes/seconds) -78° 44' 6"

HORIZONTAL COLLECTION METHOD: ☐ SURVEY ☐ GPS ☒ MAP

HORIZONTAL REFERENCE DATUM:

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				12.8

1. Do the property boundaries correspond to tax map metes and bounds?

**See Attachment 1**☐ Yes ☒ No

If no, please attach a metes and bounds description of the property.

**See Attachment 2**

2. Is the required property map attached to the application? (application will not be processed without map)

☒ Yes ☐ No

3. Is the property part of a designated En-zone pursuant to Tax Law § 21(b)(6)?

☐ Yes ☒ NoFor more information go to: [http://www.nylovesbiz.com/BrownField\\_Redevelopment/default.asp](http://www.nylovesbiz.com/BrownField_Redevelopment/default.asp).

If yes, identify area (name)

☐ 50% ☐ 100% of the site is in the Ez-zone (check one)

PROPERTY DESCRIPTION NARRATIVE: This application covers the portion of Delphi'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.

List of Existing Easements (type here or attach information)

Easement HolderDescription

NO EASEMENTS

List of Permits issued by the NYSDEC or USEPA Relating to the Proposed Site (type here or attach information)

TypeIssuing AgencyDescription

Title V Air Permit

NYSDEC

permit is for entire Delphi Lockport Complex

MOSF

NYSDEC

oil storage, but none at Building 10

Sewer Permit

City of Lockport

permit is for entire Delphi Lockport Complex

Initials of each Requestor:





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

OWNER'S NAME (if different from requestor) not applicable

ADDRESS

CITY/TOWN

ZIP CODE

PHONE

FAX

E-MAIL

OPERATOR'S NAME (if different from requestor or owner) not applicable

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?  | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| 2. Is the requestor subject to an existing order relating to contamination at the site?  | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| 3. Is the requestor subject to an outstanding claim by the Spill Fund for this site?   | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| 4. Has the requestor been determined to have violated any provision of ECL Article 27?   | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| 5. Has the requestor previously been denied entry to the BCP?  | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| 6. Has the requestor been found in a civil proceeding to have committed a negligent or intentionally tortious act involving contaminants?  | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> 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?  | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> 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?  | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> 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? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |

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

- |  |                              |  |
|--|------------------------------|--|
| 1. Is the property listed on the National Priorities List?   | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| 2. Is the property listed on the NYS Registry of Inactive Hazardous Waste Disposal Sites?                    | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> 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? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> 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? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| If yes, please provide Order #   |                              |  |
| 5. Is the property subject to a state or federal enforcement action related to hazardous waste or petroleum? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> 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 See Attachment 5

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").

### 7. Operators See Attachment 5

A list of previous operators with names, last known addresses and telephone numbers (describe requestor's relationship, if any, to each previous operator listed. If no relationship, put "none").



## 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/dept. 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. **See Attachment 1**

	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 on attachment the proximity to real property currently used for residential use, and to urban, commercial, industrial, agricultural, and recreational areas. <b>See Attachment 7</b>		
13. Describe on attachment the potential vulnerability of groundwater to contamination that might migrate from the property, including proximity to wellhead protection and groundwater recharge areas. <b>See Attachment 7</b>		
14. Describe on attachment the geography of the site. <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 Exec. Director (title) of Delphi Automotive Systems 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: 11/15/07 Signature: [Signature] Print Name: John A. Tatturs

### 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 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: \_\_\_\_\_



**DELPHI AUTOMOTIVE –BUILDING 8  
LOCKPORT COMPLEX**

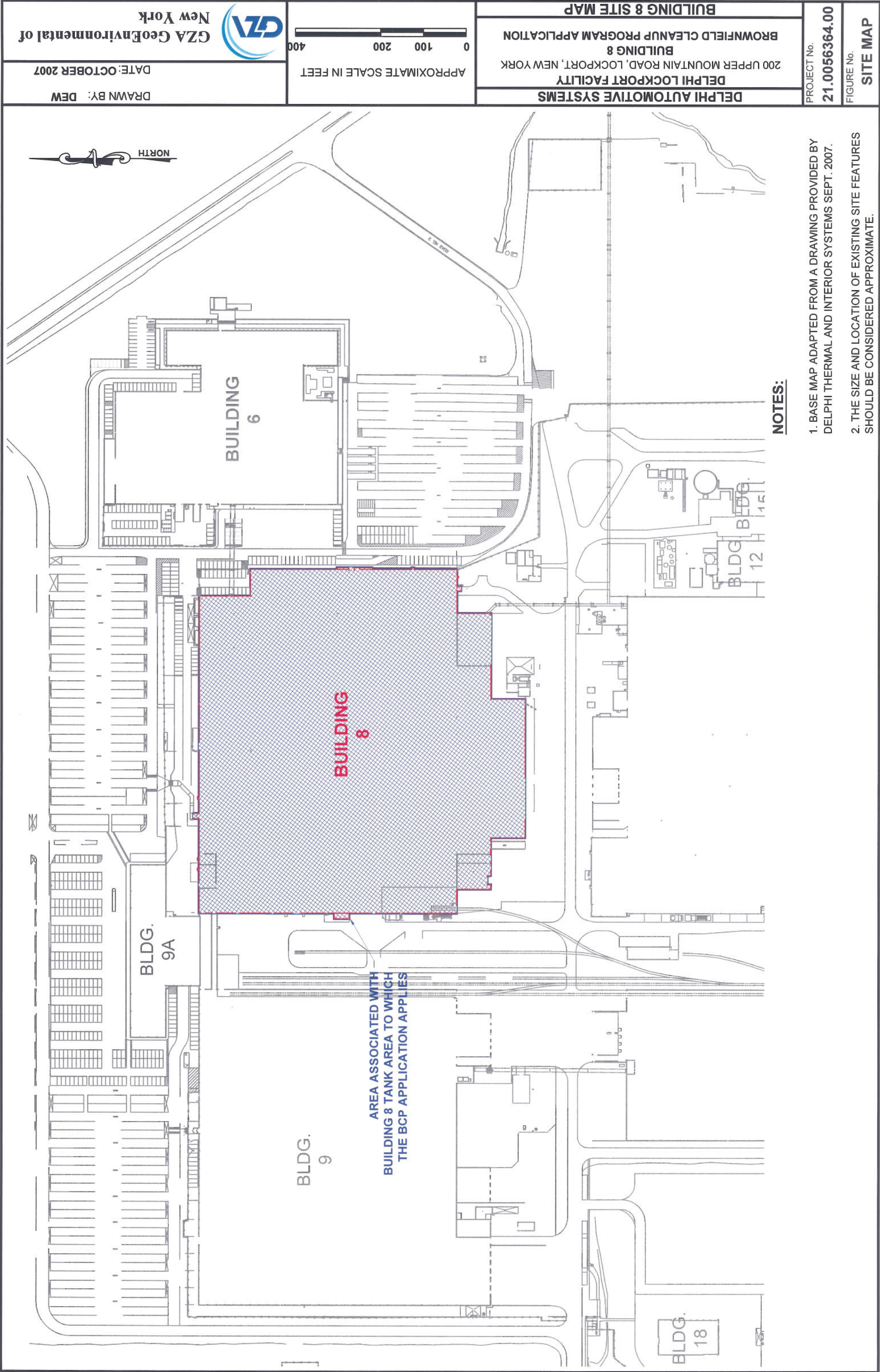
**NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
BROWNFIELD CLEANUP PROGRAM APPLICATION**

**ATTACHMENT 1**

**Building 8, Site Map**

**Tax Map and Parcel Information**

**Land Use Map**





Legend

Selected Features

Local Roads

Interstate

Primary Federal & State

Secondary State & County

Local Road

Road Names

Parcels

Parks





# PARCELS OWNED BY DELPHI AUTOMOTIVE LOCKPORT COMPLEX

## Parcels

Rec	PART_OF_PA	PIN	X_COORD	Y_COORD	FID_1	PRINTKEY	SWISCODE	OWNRNAME	PRCLSTREET	PRCLNUMB	PRCLMUNI
1	PIN	108.01-3-36	460250	1155080	57704	108.01-3-36	292600	Delphi Automotive Systems	Upper Mt Rd	5600	Lockport
2	PIN	108.01-3-35	460320	1155050	57703	108.01-3-35	292600	Delphi Automotive Systems	Upper Mt Rd	5602	Lockport
3	PIN	108.01-3-34	460480	1154950	57702	108.01-3-34	292600	Delphi Automotive Systems	Upper Mt Rd	5604	Lockport
4	PIN	108.00-1-16	461870	1154590	57474	108.00-1-16	292600	Delphi Automotive Systems	Upper Mt Rd	5701	Lockport
5	PIN	108.00-1-35.1	455910	1152130	57497	108.00-1-35.1	292600	Delphi Automotive Systems	Junction Rd	5077	Lockport
6	PIN	108.00-1-36	454780	1152030	57499	108.00-1-36	292600	Delphi Automotive Systems	Junction Rd	1000	Lockport
7	PIN	108.13-1-1	458130	1155130	382	108.13-1-1	290900	Delphi Automotive Sys LLC	Upper Mountain Rd	200	Lockport
8	PARTOFPARCEL	108.13-1-1	461760	1153530	382	108.13-1-1	290900	Delphi Automotive Sys LLC	Upper Mountain Rd	200	Lockport
9	PARTOFPARCEL	108.13-1-1	461940	1153200	382	108.13-1-1	290900	Delphi Automotive Sys LLC	Upper Mountain Rd	200	Lockport

[Zoom to these records](#)







**DELPHI AUTOMOTIVE –BUILDING 8  
LOCKPORT COMPLEX**

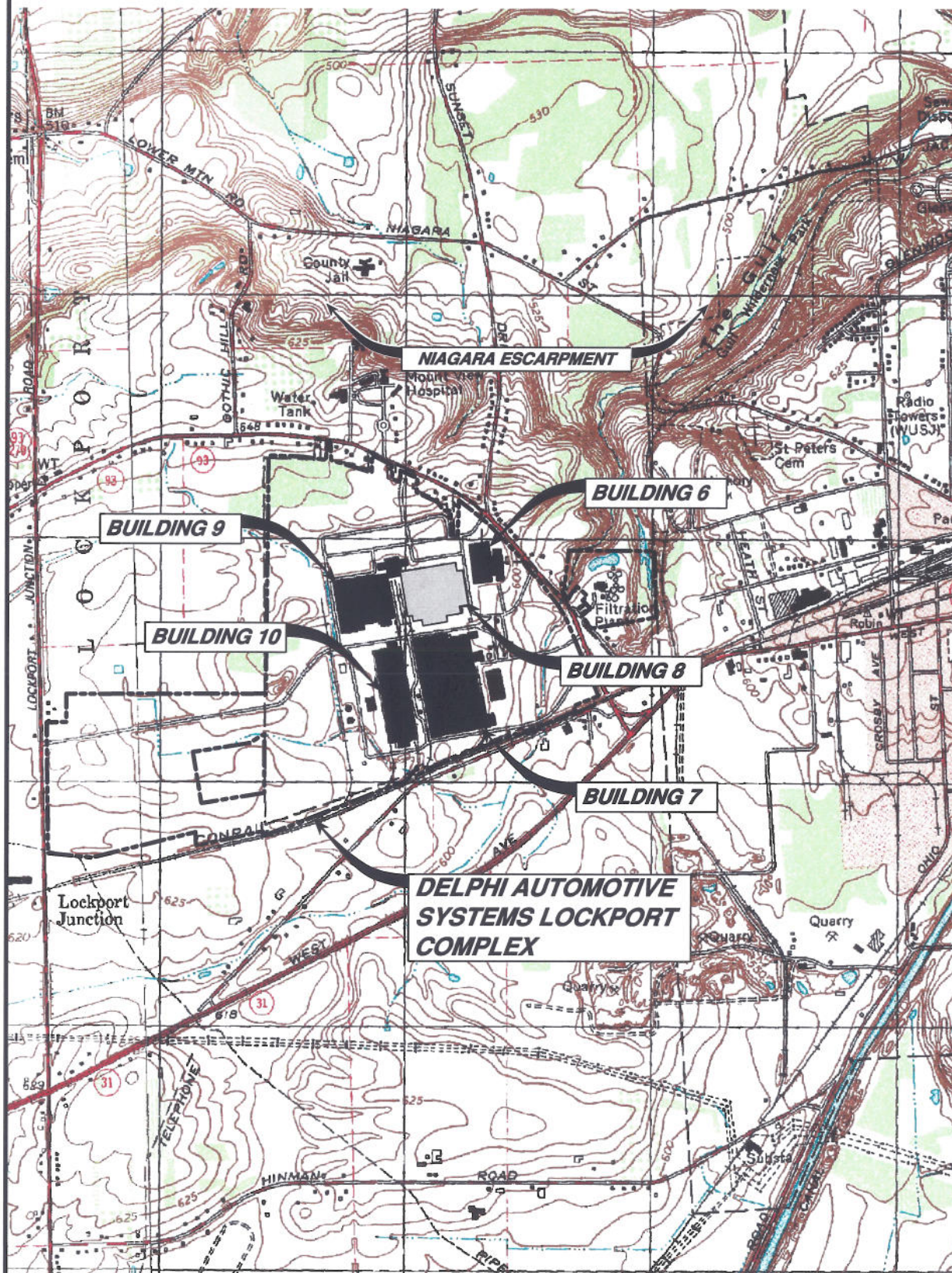
**NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
BROWNFIELD CLEANUP PROGRAM APPLICATION**

**ATTACHMENT 2**

**FIGURE 1:  
USGS Map  
Locus Plan**

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





**DELPHI AUTOMOTIVE SYSTEMS**

**DELPHI LOCKPORT FACILITY**

200 UPPER MOUNTAIN ROAD  
LOCKPORT, NEW YORK

**BUILDING 8**

**BROWNFIELD CLEANUP PROGRAM APPLICATION**

**LOCUS PLAN**

PROJECT No.  
**21.0056364.00**

ATTACHMENT No. **2**

FIGURE No. **1**

SCALE IN FEET



DRAWN BY: DEW

DATE: OCTOBER 2007

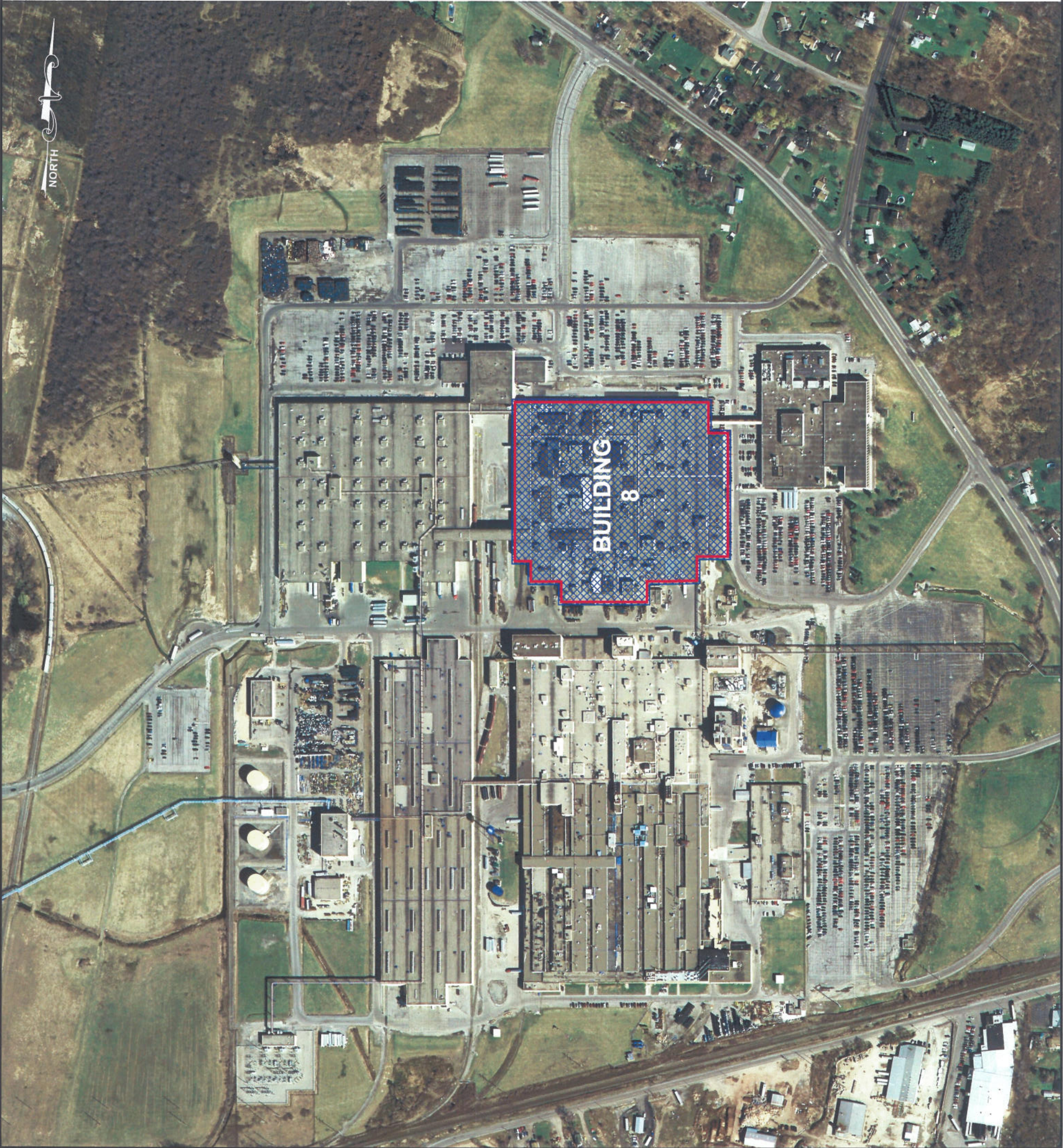


**GZA GeoEnvironmental of  
New York**

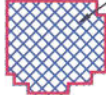
**NOTE:**  
BASE MAP ADAPTED FROM U.S.G.S.  
TOPOGRAPHIC MAPS DOWNLOADED  
FROM TERRASERVER.MICROSOFT.COM







**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.

DELPHI AUTOMOTIVE SYSTEMS		PROJECT No. <b>21.0056364.00</b>	ATTACHMENT No. <b>2</b>	FIGURE No. <b>2</b>
DELPHI LOCKPORT FACILITY 200 UPPER MOUNTAIN ROAD LOCKPORT, NEW YORK BUILDING 8 BROWNFIELD CLEANUP PROGRAM APPLICATION SITE PLAN				
APPROXIMATE SCALE IN FEET 		DRAWN BY: DEW DATE: OCTOBER 2007		
		GZA GeoEnvironmental of New York		



**DELPHI AUTOMOTIVE –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

Delphi Automotive Systems, LLC (Delphi) owns and operates an automotive component manufacturing complex in Lockport, New York. The complex consists of three plants located in Building 7, Building 8 and Building 9, engineering and testing facilities located in Building 6 and Building 10 which is currently being converted to house new manufacturing operations staffed by non-Delphi in the northern portion and the southern portion is used 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. Delphi plans to vacate Building 8 within the next few years. Delphi then plans to sell the building and the land, or demolish the building and sell the land.

In 2006, Delphi completed a site-wide Current Conditions Summary and Field Investigation Report (Study) 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. The building will continue to be utilized for manufacturing purposes.

### 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:	November 15, 2007
Submit Investigation Work Plan:	September 2008
Perform Investigation:	2009 – 2010
(Timing depends on coordinating subsurface investigations with manufacturing activities)	



## **ATTACHMENT 3**

Submittal of Investigation Report:  
Submittal of Remedial Strategy Report:

September 2010  
December 2010

**DELPHI AUTOMOTIVE –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 Delphi conducted a voluntary facility-wide investigation of soil and groundwater conditions at their Lockport facility. (This was done at most of the Delphi manufacturing facilities in the United States.) The first phase of that work was the development of a Current Conditions Summary (CCS). The purpose was to obtain information about potential environmental liabilities because that knowledge was needed by Delphi and potential investors as part of developing the strategy for exiting bankruptcy. 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 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

#### ATTACHMENT 4

compounds were detected above their respective Industrial SCO in the samples collected to address AOI-22.

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**  
**Delphi Automotive Systems**  
**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





**DELPHI AUTOMOTIVE –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 8 was owned and operated by General Motors Corporation (GM) until it was conveyed to Delphi in December 1998 as part of the creation of Delphi Automotive Systems, LLC and GM's spin-off of the Delphi operations. Delphi is no longer affiliated with GM, though GM remains one of Delphi's largest customers. Prior to development by GM, the land was vacant/agricultural.

General Motors Corporation  
100 Renaissance Center  
Detroit, MI 48243-1114  
313-556-5000

**DELPHI AUTOMOTIVE –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

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

Michael Diel  
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

Paul Siejak  
Zoning Board of Appeals Chairman  
6200 Robinson Road  
Lockport, NY 14094

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

Lewis Staley  
Town of Lockport IDA  
Dysinger Road  
Lockport, NY 14094

#### ADJACENT PROPERTIES

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

Polycom-Huntsman Inc.  
4921 IDA Park Drive  
Lockport, NY 14094

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

Lockport Energy Association LP  
5077 R Junction Road  
Lockport, NY 14094

Elaine Laubacken  
1045 Old Saunders Settlement Road  
Lockport, NY 14094



## ATTACHMENT 6

### CONTACT LIST

Guswin Lasyer  
5465 Old Saunders Settlement Road  
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Richmond Haley  
5524 Old Saunders Settlement Road  
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Clyde Wolcott  
5574 Old Saunders Settlement Road  
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Clyde Wolcott  
5578 Old Saunders Settlement Road  
Lockport, NY 14094

5626 Saunders Settlement LLC  
1020 Old Saunders Settlement Road  
Lockport, NY 14094

5626 Saunders Settlement LLC  
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

Town of Lockport IDA  
5638 Old Saunders Settlement Road  
Lockport, NY 14094

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

Douglas Snow  
5729 Old Upper Mountain Road  
Lockport, NY 14094

## ATTACHMENT 6

### CONTACT LIST

Josephine Costello  
5723 Old Upper Mountain Road  
Lockport, NY 14094

Josephine Costello  
5719 Old Upper Mountain Road  
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Keith Ritts  
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Bernadine Amlaw  
5677 Upper Mountain Road  
Lockport, NY 14094

Lewis Hagen  
5669 Upper Mountain Road  
Lockport, NY 14094

Joseph Verdoncelli Jr.  
5659 Upper Mountain Road  
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Henry Merletti  
5641 Upper Mountain Road  
Lockport, NY 14094

Henry Merletti  
5629 Upper Mountain Road  
Lockport, NY 14094

Partick Nye  
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Henry Merletti  
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David Hillman  
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## ATTACHMENT 6

### CONTACT LIST

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5533 Upper Mountain Road  
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Michael Cloen  
5525 Upper Mountain Road  
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Shirley O'Sullivan  
5515 Upper Mountain Road  
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Daniel Sciascia  
5511 Upper Mountain Road  
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Martin Crandall  
5507 Upper Mountain Road  
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Robert Laport  
5503 Upper Mountain Road  
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Wayne Wruck  
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Donald Marfort  
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## ATTACHMENT 6

### CONTACT LIST

James Chiaravalle  
5483 Upper Mountain Road  
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Michael Wachowicz  
5479 Upper Mountain Road  
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Mark Erikson  
5477 Upper Mountain Road  
Lockport, NY 14094

United Cerebral Palsy  
4900 Mountain View Drive  
Lockport, NY 14094

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

Frank Abrams  
5459 Upper Mountain Road  
Lockport, NY 14094

Deborah Burns  
5453 Upper Mountain Road  
Lockport, NY 14094

David Tolli  
5451 Upper Mountain Road  
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Angelika Pawlik  
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Penney Gray  
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John Fulcher Jr.  
5437 Upper Mountain Road  
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## ATTACHMENT 6

### CONTACT LIST

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5433 Upper Mountain Road  
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Donald Barish  
5420 Upper Mountain Road  
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Daniel Tomkinson  
5428 Upper Mountain Road  
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Theodore Case  
5434 Upper Mountain Road  
Lockport, NY 14094

William Westlake Jr.  
5440 Upper Mountain Road  
Lockport, NY 14094

Blanche Giertz  
5442 Upper Mountain Road  
Lockport, NY 14094

Rodney McKeown  
5454 Upper Mountain Road  
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Paul Mathews  
5462 Upper Mountain Road  
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Jill Thomas  
5468 Upper Mountain Road  
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## ATTACHMENT 6

### CONTACT LIST

Peter Wagner  
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James Witkop  
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Dorothy Pollock  
5466 Upper Mountain Road  
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Marilyn Link  
5478 Upper Mountain Road  
Lockport, NY 14094

Claudette Hallatt  
5498 Upper Mountain Road  
Lockport, NY 14094

Shirley Burrows  
5512 Upper Mountain Road  
Lockport, NY 14094

Gerald Wagner  
5518 Upper Mountain Road  
Lockport, NY 14094

Michael Vincent  
5526 Upper Mountain Road  
Lockport, NY 14094

Ronald Hanley  
5075 Junction Road  
Lockport, NY 14094

Cleveland Schreiber  
5071 Junction Road  
Lockport, NY 14094



## ATTACHMENT 6

### CONTACT LIST

Timothy Laport  
5069 Junction Road  
Lockport, NY 14094

Daniel Nye  
5063 Junction Road  
Lockport, NY 14094

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

James Wasik  
1050 Junction Road  
Lockport, NY 14094

Miron Wasik  
1060 Junction Road  
Lockport, NY 14094

Central Transport Inc.  
4928 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

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

WLVL 1340 AM  
320 Michigan Street  
Lockport, NY 14094

## ATTACHMENT 6

### CONTACT LIST

#### PUBLIC WATER SUPPLY

Michael Diel  
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)



**DELPHI**

Energy & Chassis Systems

September 11, 2007

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

RE: Document Repository for Delphi Brownfield Cleanup Program

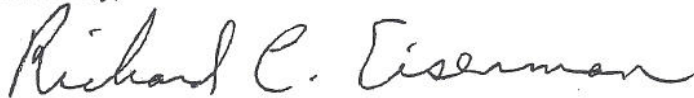
Dear Ms. McDonough:

Following our phone call of September 10, 2007, this letter confirms your willingness to have the Lockport Public Library serve as the repository for documents generated under a Brownfield Cleanup Program agreement at the Delphi Lockport site. The repository is a requirement of the NYS Department of Environmental Conservation and will eventually include work plans, investigation reports, fact sheets, etc.

Please plan on maintaining the repository for approximately three years. However, regulations require that a repository be maintained until a final remedy is implemented, and remedial program timelines are difficult to estimate because of unanticipated problems. Please contact us before you discard any documents.

Thank you for your assistance. If you have any questions please call me at (585) 647-4766.

Sincerely,



Richard C. Eisenman  
Senior Environmental Engineer

**DELPHI AUTOMOTIVE –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 Delphi Automotive Lockport Complex (Delphi) 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 Delphi and the surrounding areas.

Delphi is located in an area of mixed residential, agricultural, commercial, and industrial settings along Route 93. Across Route 93, 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 Delphi. Residential properties are generally present along the east and north sides of Route 93 and to the west.

### GROUNDWATER VULNERABILITY

Groundwater flow at Delphi is in the upper bedrock unit, which has a flow direction to be in a 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 under an Order on Consent between Delphi and NYDEC (NYSDEC Registry Site # 932113).

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 Delphi 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.