

ENCORE PROJECT SUMMARY FORMRevision No. 2
Revision Date: 6/20/07**GENERAL INFORMATION**

Site Name: Lansing Plant 2
Site No.: 088 B
Site Address: 920 Townsend Street
Lansing, MI
48921

Site Type: Superfund Inactive/Sold
 Operating Plant Closed Plant
 Other _____

Site Program: Federal State
 Voluntary Transaction Agreement
 Other _____

Regulatory Oversight: Yes No

GM Program Manager:

Name: Fred Rindhage
Phone No.: (248) 753-5790
E-mail: fred.w.rindhage@gm.com

GM Project Manager:

Name: Kurt Blizzard
Phone No.: (517)885-1155
E-mail: kurt.blizzard@gm.com

**Other GM Personnel
Working on Project:**

Name: Jean Caufield
Phone No.: (248) 753-5774
E-mail: jean.e.caufield@gm.com

Name: _____
Phone No.: _____
E-mail: _____

ENCORE PROJECT SUMMARY FORMRevision No. 3
Revision Date: 6/12/08**GENERAL INFORMATION (CONTINUED)*****Consultant (If Any):***Firm Name: ARCADIS of New York, Inc. (formerly Blasland, Bouck
and Lee)Address: 10599 Citation Drive, Suite 100
Brighton, MI 48116

Contact Name: Amy Hoeksema

Phone No.: 810.225.1911 (Direct), 734.604.4562 (Mobile)

Firm Name: Conestoga-Rovers and Associates, Inc.

Address: 2055 Niagara Falls Blvd., Suite #3
Niagara Falls, NY 14304

Contact Name: Craig Gabriel

Phone No.: 716.297.6150

Firm Name: ENVIRON International Corporation

Address: 4350 North Fairfax Drive, Suite 300
Arlington, VA 22203

Contact Name: Rich Kapuscinski

Phone No.: 703.516.2300

Firm Name: Exponent, Inc.

Address: 4875 Pearl East Circle, Suite 201
Boulder, CO 80301

Contact Name: Linda Ziccardi

Phone No.: 303.544.2000

Contractor (If Any):

Firm Name: _____

Address: _____

Contact Name: _____

Phone No.: _____

Agency Contact:

Agency Name: MDEQ, WHMD, Lansing District Office

Address: 525 W. Allegan St.
P.O. Box 30241
Lansing, MI 48909-7741

Contact Name: Jack Schinderle

Phone No.: (517) 373-8410

ENCORE PROJECT SUMMARY FORM

Revision No. 3 Revision Date: 6/12/08
--

GENERAL INFORMATION (CONTINUED)

Consultant ENCORE Contact:

Name:	Amy Hoeksema
Phone No.:	810.225.1911 (Direct), 734.604.4562 (Mobile)
E-mail:	amy.hoeksema@arcadis-us.com

END OF GENERAL INFORMATION

ENCORE PROJECT SUMMARY FORMRevision No. 2
Revision Date: 6/20/07**SITE INFORMATION*****Manufacturing/Operating History:***

Plant 2 was constructed around 1910. Between 1945 and 1985 rear axles were produced. A small foundry, which ceased operations sometime between 1978 and 1980, was operated in Building 242. Major renovations took place 1985 through 1987. The plant produced the Buick Reatta from 1987 until 1990. After 1990 the plant produced the convertible Pontiac Sunfire and convertible Chevrolet Cavalier and the EV-1 (electric car). The plant then produced the Cadillac Eldorado for a short period of time. Most recently, the plant is produced the Chevrolet SSR. The Plant 2 facility was taken out of operation on March 17, 2006. Currently, the plant is undergoing decommissioning and demolition.

Current Owner/Operator:

Company Name: General Motors Corporation
 Address: 920 Townsend St.
Building 66, MC 489-066-055
Lansing, MI 48921
 Contact Name: Kurt Blizzard Phone No.: 517-885-1155

ENCORE Contractual Responsibilities: (if not owned by GM/ENCORE)
Property Description:

Size: 63 Acres Zoning: Industrial

Surrounding Landuse/Zoning: (Attach Map, if available)

North: Industrial (GM, Lansing, Plant 3)
 South: Commercial / Residential
 East: Industrial (GM, Lansing, Plant 6)
 West: Commercial / Residential / Industrial

END OF SITE INFORMATION

ENCORE PROJECT SUMMARY FORMRevision No. 2
Revision Date: 6/20/07**REGIONAL INFORMATION**

Topographic Description:

The surface topography of the greater Lansing area is generally described as a flat-lying to gently rolling glacial till (or drift) plain. Surface elevations near the Plant 2 facility are in the range of 830 to 890 feet above sea level. The lower elevations coincide with the local Grand River drainage basin.

Geologic Description:

Overburden:

The overburden is predominantly composed of silty clay till with discontinuous lenses of sand and gravel and is approximately 60 to 70 feet thick.

Bedrock:
(If Appropriate)

The Pennsylvanian-age Saginaw Formation underlies the overburden. The formation thickness ranges from 250 to 500 feet.

ENCORE PROJECT SUMMARY FORMRevision No. 2
Revision Date: 6/20/07**REGIONAL INFORMATION (CONTINUED)*****Hydrogeologic Description:***

Overburden:

Soil borings and monitoring wells were installed at Plant 2 for the assessment and closure of the Building 225 and 250 tank farms. Based on these investigations, two types of unconsolidated deposits were encountered in shallow soil borings completed at Plant 2 from ground surface to 15 ft bgs:

- gray sand, often with gravel; and,
- gray clay (Environmental Science and Engineering, Inc., 1995)..

Bedrock:
(If Appropriate)

No information specific to the site is known. Regionally, the bedrock consists of the Pennsylvanian-age Saginaw Formation which underlies the overburden. The formation thickness ranges from 250 to 500 feet. The Saginaw Formation at the site is characterized by two distinct units. The upper unit is referred by GM as the upper shaly sandstone unit and the lower unit as the basal sandstone unit. The upper shaly sandstone unit is 30 to 50 foot thick and consists of micaceous, fine-grained sandstone with interfingered beds of shale, shaly sandstone, coal, and occasional lenses of limestone. This upper unit is extensively fractured to a depth of 20 feet below its top surface. The basal sandstone unit consists of poorly graded, medium-grained, porous sandstone.

Groundwater Usage:

None

Regional Usage:
(If Any)

The Saginaw Formation supplies potable water for the Greater Lansing area. The Lansing Board of Water and Light operates over 100 municipal supply wells throughout Lansing. The closest municipal pumping wells are located approximately 0.7 mile from the site.

Hydrologic Description: (include Map if appropriate)

The majority of the Site is paved and storm water is controlled by sewer systems.

END OF REGIONAL INFORMATION

ENCORE PROJECT SUMMARY FORMRevision No. 2
Revision Date: 6/20/07**OVERALL PROJECT TEAM ORGANIZATION/RESPONSIBILITIES****AREA/UNIT OF CONCERN: RCRA Corrective Action Area**

<i>Area/Unit of Concern Project Description</i>	<i>Team Players</i>		
	<i>Name</i>	<i>Company</i>	<i>Role</i>
(COPY FROM AREA/UNIT OF CONCERN PROJECT SUMMARY) Previous closures completed at the Former Building 225 and 250 UST areas rely on deed restrictions. In general the entire site, including the Former Building 225 and 250 UST areas, will be evaluated through RCRA Corrective Action to assess areas of interest (AOIs) related to potential environmental concerns	Jean Caufield	GM	Program Manager
	Kurt Blizzard	GM	Project Manager
	Amy Hoeksema	ARCADIS BBL	LLC Project Manager
	Craig Gabriel	CRA	Database Manager
	Rich Kapuscinski	ENVIRON	Human Health Risk Assessment
	Linda Ziccardi	Exponent	Ecological Risk Assessment

(COPY AND COMPLETE ABOVE FOR EACH AREA/UNIT OF CONCERN)

The Building 225 and Building 250 UST areas need to be reviewed annually to ensure compliance with the existing restrictive covenants.

During 2008 a Voluntary Corrective Action Agreement will be negotiated and signed between GM and the Michigan Department of Environmental Quality (MDEQ).

During 2008 and 2009, Current Conditions Report and RCRA Facility Investigation (RFI) Work Plan will be completed, and initial phase of RFI will be conducted.

END OF OVERALL PROJECT TEAM ORGANIZATION/RESPONSIBILITIES

ENCORE PROJECT SUMMARY FORM

Revision No. 2
Revision Date: 6/20/07**AREA/UNIT OF CONCERN** (COMPLETE FOR EACH SEPARATE AREA OR UNIT AT THE SITE)

NAME OF AREA/UNIT OF CONCERN: RCRA Corrective Action Area

Area/Unit Status:

- | | | |
|-------------------------------------|-----------------|-------|
| <input type="checkbox"/> | Inactive | _____ |
| <input type="checkbox"/> | Due Diligence | _____ |
| <input checked="" type="checkbox"/> | Investigation | _____ |
| <input type="checkbox"/> | Remedial Design | _____ |
| <input type="checkbox"/> | Remedial Action | _____ |
| <input type="checkbox"/> | O&M | _____ |
| <input type="checkbox"/> | Other | _____ |

Area/Unit Program:

- | | | | |
|-------------------------------------|-----------|-------------------------------------|-----------------------|
| <input checked="" type="checkbox"/> | Federal | <input checked="" type="checkbox"/> | State |
| <input checked="" type="checkbox"/> | Voluntary | <input type="checkbox"/> | Transaction Agreement |
| <input type="checkbox"/> | Other | _____ | |

Specific Media of Concern:

- | | | |
|-------------------------------------|-----------------------------------|------------|
| <input checked="" type="checkbox"/> | Soil (Human or Ecologic) | Human |
| <input checked="" type="checkbox"/> | Surface Water (Human or Ecologic) | Ecological |
| <input type="checkbox"/> | Sediments (Human or Ecologic) | _____ |
| <input checked="" type="checkbox"/> | Groundwater (Human or Ecologic) | Human |
| <input checked="" type="checkbox"/> | Air (Human or Ecologic) | Human |

Specific Chemicals of Concern:

- | | | |
|-------------------------------------|------------|-------|
| <input checked="" type="checkbox"/> | VOCs | _____ |
| <input checked="" type="checkbox"/> | SVOCs | _____ |
| <input type="checkbox"/> | Pest/PCBs | _____ |
| <input checked="" type="checkbox"/> | Inorganics | _____ |
| <input type="checkbox"/> | Other | _____ |

Project Summary:
(Attach Figure)

Previous closures completed at the Former Building 225 and 250 UST areas rely on deed restrictions because concentrations of VOCs and SVOCs remain in place above applicable criteria. In March 2006 Plant 2 was shut down and decommissioning and demolition are underway. Because the facility had a Part B permit, the site will be evaluated through the RCRA Corrective Action program. A Voluntary Corrective Action Agreement is going to be entered into with the MDEQ.

**High Priority Issues/
Action Items:**

During 2008 and 2009, the RCRA Corrective Action activities will continue with a revision of the restrictive covenant, completion of a Current Conditions Report, and completion of the RFI Work Plan. The implementation of the RFI Work Plan is anticipated to begin in Fall 2008.

ENCORE PROJECT SUMMARY FORM

Revision No. 2 Revision Date: 6/20/07
--

AREA/UNIT OF CONCERN RCRA Corrective Action Area

Long-Term Summary: (to Project Completion)

Goals - Reasonable:

By January 1, 2013, all current human exposures to contamination at or from the Facility are under control.

By January 1, 2014, migration of contaminated groundwater at or from the Facility is stabilized.
--

- *Stretch:*

By October 1, 2012, all current human exposures to contamination at or from the Facility are under control.

By October 1, 2013, migration of contaminated groundwater at or from the Facility is stabilized.
--

Strategy to Achieve Long-Term Goals:

- | |
|--|
| <ul style="list-style-type: none"> - Enter into a Voluntary Agreement with the MDEQ by 8/1/2008 - Prepare a Current Conditions Report to be submitted to the MDEQ by 7/15/2008 - Prepare a RFI Work Plan to be submitted to the MDEQ by 9/2/2008 - Begin the implementation of the RFI Work Plan by 10/13/2009 |
|--|

Schedule: (attach Figure, if appropriate)

Schedule as provided in project memorandum and subsequent change orders.
--

ENCORE PROJECT SUMMARY FORM

Revision No. 2
Revision Date: 6/20/07

AREA/UNIT OF CONCERN RCRA Corrective Action Area

Short-Term Summary: (Next Calendar Year)

Goals - Reasonable:

Begin the implementation of the RFI Work Plan by 10/13/08

- *Stretch:*

Begin the implementation of the RFI Work Plan by 9/15/08

Strategy to Achieve Short-Term Goals:

Submit the RFI Work Plan to the MDEQ by 9/2/08

Schedule (attach Figure, if appropriate):

Schedule as provided in project memorandum and subsequent change orders.

Summary of Work Activities Planned for Next Year:

Continue implementing the RFI Work Plan.

ENCORE PROJECT SUMMARY FORM

Revision No. 2
Revision Date: 6/20/07

AREA/UNIT OF CONCERN RCRA Corrective Action Area

1. Is financial assurance required for this project? Yes No
If No, proceed to next section.

2. Confirm that the detailed cost estimate associated with the financial assurance requirements was reviewed during this past year to determine whether revisions (other than adjustments for inflation made by WFG Finance) are appropriate.
Yes No
If revisions are appropriate, please refer to "Preparation of Cost Estimates for REALM and ENCORE Projects" Section in the REALM APM and ENCORE APM.

3. Provide the date of the most current agency approved cost estimate associated with financial assurance and the title and date of the document that contains it.
Cost estimate amount: _____
Date of cost estimate: _____
Title of document: _____
Date of document: _____

4. Provide the title and date of the agency approval document for the above referenced cost estimate.
Title of document: _____
Date of document: _____

ENCORE PROJECT SUMMARY FORM

Revision No. 2
Revision Date: 6/20/07

AREA/UNIT OF CONCERN RCRA Corrective Action Area

Potential Concerns/Factors Influencing Project Completion/Cost

An agreement has not yet been made between the MDEQ and GM that will govern the site closure. The terms of the agreement could affect the costs of the project.

An approval of the RFI Work Plan with GM's Screening based sampling approach in a timely manner will affect the schedule and cost of this project.

Other (Needs/Wants/Resources and Schedules, etc.)

ENCORE PROJECT SUMMARY FORM

Revision No. 2
Revision Date: 6/20/07

AREA/UNIT OF CONCERN RCRA Corrective Action Area

<i>Work Activities:</i>	<i>Activity</i>	<i>Time Period</i>	<i>Bid Date</i>
Planned for Upcoming Year	Current	7/08	
	Conditions		
	Report		
	RFI Work Plan	9/08	
	Begin	10/08	
	Implementing		
	the RFI		

<i>Activities Where:</i>	<i>Activity</i>	<i>Time Period</i>	<i>Other Site(s)</i>
Synergies with Other Sites	RCRA	2008-2009	Plants #1, #3 &
	Corrective		#6
	Action		
may Exist for Upcoming Year			

END OF AREA/UNIT OF CONCERN
