

May 4, 2012

Æ No. 11-4317-102

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PROJECT STATUS REPORT  
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Former Building 9 – Delphi Flint West Plant (#12990-11-01)  
Flint, Michigan

This status report covers new on-site and off-site potential contamination sources, subsurface investigation results, and a schedule of proposed tasks.

Project File Review/Background Items:

During investigations into past ownership of the northern adjacent former railroad parcel, relevant on-site and off-site historical information was found that was not included in/considered as part of the past investigations. The concerns include numerous abandoned underground utility corridors in vacated streets as well as the following: Two former underground storage tanks (USTs) located near the western property line, a former print shop located partially on the south-central portion of the site, and a former gas station with three USTs located adjacent to, and possibly overlapping the southeast property corner.

Off-site access is needed to the former railroad parcel to the north. Investigations indicate that this parcel is likely to be an “orphan” property with no documented ownership.

Subsurface Investigations Completed:

Æ’s investigations conducted on behalf of Racer included completion of five soil borings, construction of four monitoring wells, and collection and analysis of ten soil and four groundwater samples (not including QA/QC samples). The samples were analyzed as outlined in the Work Plan.

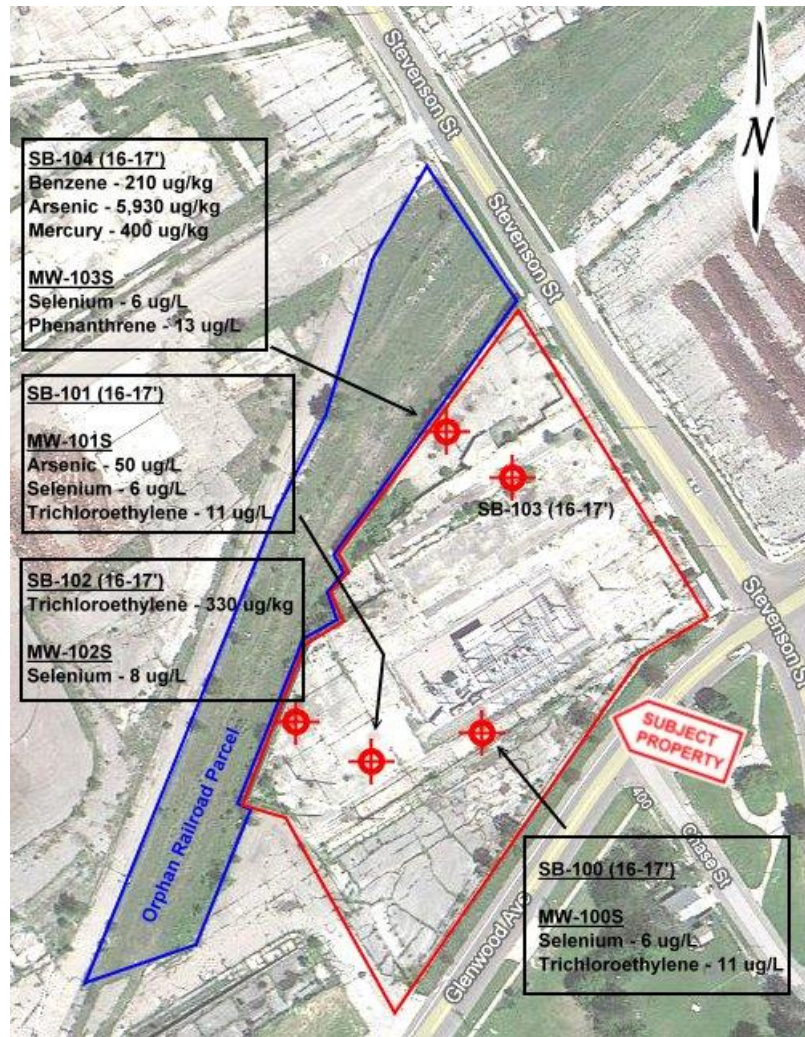
Soils encountered generally consisted of mixed sand, silt, and clay with saturation occurring at approximately 16 feet below grade. Dry, grey clay was encountered at approximately 19 feet to 24 feet in each boring. After monitoring wells were installed and developed, the static water level was approximately 14 feet to 16 feet below grade.

Results of the analysis identified the following contamination above applicable criteria as provided in the Michigan Department of Environmental Quality document, *Generic Criteria and Screening Levels*, March 25, 2011.

Analyte	Matrix	Facility Level Exceedances	Cleanup Criteria		Sample Location
			DW	GSI	
Trichloroethylene	S	330	<b>100</b>	4,000	SB-102 (16'-17')
Benzene	S	210	<b>100</b>	4,000	SB-104 (16'-17')
Arsenic	S	5,930	<b>5,800</b>	<b>5,800</b>	SB-104 (16'-17')(d)
Mercury	S	400	<b>130</b>	<b>130</b>	SB-104 (16'-17')(d)
Selenium	G	6	50	<b>5</b>	MW-100S
Selenium	G	6	50	<b>5</b>	MW-101S
Selenium	G	6	50	<b>5</b>	MW-103S(d)
Selenium	G	8	50	<b>5</b>	MW-102S
Arsenic	G	48	<b>10</b>	<b>10</b>	MW-101S(d)
Arsenic	G	50	<b>10</b>	<b>10</b>	MW-101S
Trichloroethylene	G	11	200	<b>5</b>	MW-100S
Trichloroethylene	G	7	200	<b>5</b>	MW-101S
Phenanthrene	G	13	52	<b>2</b>	MW-103S

Notes:

- S = Soil
- G = Groundwater
- d = Duplicate
- **Bold** = criteria exceeded
- All soil values are reported in ug/kg. All groundwater values are reported in ug/L.
- DW = Drinking Water Criterion; GSI = GSI Criterion. Background values are substituted where higher. Generic Residential Criteria reported in Michigan Department of Environmental Quality Operational Memorandum #1, March 25, 2011



Schedule for Additional Activities:

Activity	Anticipated Date of Completion
Survey sample locations and well elevations and locations of off-site concerns.	May 16, 2012
Meeting with City of Flint to include discussion for access/investigation of off-site properties to the north.	May 24, 2012
First Project Update Report	May 31, 2012
Supplemental Investigation Work Plan	May 31, 2012
Disposal of IDW	IDW is non-hazardous and secured. Disposal will be completed following additional investigations.