



The RACER Trust: Empowering America's Auto Communities

Saginaw, MI

RACER Site 10030

Saginaw Malleable Industrial Land
77 West Center Street
Saginaw, MI 48602

Michigan Department of Environmental
Quality (MDEQ) ID: 73000014

Site Description

The Saginaw Malleable property encompasses 155.50 acres along the Saginaw River, and though the 1-million-square-foot building has been removed, the concrete slab for the building remains. The property, zoned heavy industrial, is bordered on the west by a former Delphi facility, and by the Greenpoint Landfill to the south. Commercial, residential and industrial properties lie to the north, with the Saginaw River running along the eastern boundary.



The plant was opened in 1917 and operated continuously until 2007 when it closed. The facility's operations consisted of activities associated with casting and heat-treating iron.

The site is managed under Parts 111 and 201 of the Natural Resources Environmental Protection Act (NREPA) with oversight from the Michigan Department of Environmental Quality (MDEQ). Cleanup activities are performed by RACER Trust, with the approval and oversight of the MDEQ. The Settlement Agreement that established RACER Trust set aside \$10.7 million for ongoing and future cleanup work, inspections and monitoring.

Environmental History

A number of studies and remedial measures have been performed at the property over the past several years. A number of contaminants, including PCBs (polychlorinated biphenyls), manganese, lead, and petroleum-related

Continued



volatile organic compounds (VOCs) have been identified in surface and subsurface soils and groundwater at the property. PCBs also are present in the concrete slab of the former plant building. PCB- impacted concrete was remediated in 2016. Light non- aqueous phase liquid (LNAPL) was identified in two areas of the site. To collect this material, automated recovery systems were installed at several locations on the property. In addition, several monitoring wells were installed south of the plant's slab, to confirm the extent of impacts to the groundwater, and additional wells were installed throughout the slab to define the extent of LNAPL in that area.

The remedial measures and controls taken to date to prevent exposure to subsurface contaminants are compatible with passive recreational uses such as hiking, biking, and bird watching.

Next Steps

Cleanup activities at the property will continue with further data collection and evaluation to verify the acceptability of recreational use at the site; further ecological evaluation; remediation of a small amount of PCB- impacted soil in the I27.7 Manhole area; continued evaluation of the LNAPL present at the site; completion of an annual groundwater monitoring program; and inspections and maintenance of several exposure barriers at the site.

It is expected that deed restrictions will be put in place as additional controls prohibiting residential use at the property but allowing for passive recreational use (with the consent of MDEQ), identifying the areas where exposure barriers need to be maintained, requiring proper management of contaminated soil, and prohibiting the use of groundwater. In addition, a number of area-specific restrictions are anticipated, including restricting the use of the concrete floor slab.

Information on the site and past environmental tests can be viewed at the RACER website at www.racertrust.org.

For More Information

RACER: Grant Trigger • 855-RACER-411 • gtrigger@racertrust.org
MDEQ: Amanda Armbruster • 989-894-6200 • armbrustera@michigan.gov