



PROJECT DESCRIPTION

RE&LS completed a Remedial Investigation (RI) and Remedial Alternatives Analysis (RAA) at the 5, 15 Flint Street property in Rochester. This site is divided from the larger City Of Rochester Vacuum Oil BOA. Our RI proposed the following remedy:

- A remedial design to provide plans and specifications needed to implement the cleanup plan.
- Demolition of all existing on-site buildings
- Excavation and off-site disposal of all contaminated soil on the site. The primary site contaminants include petroleum-related compounds: metals, semi-volatile organic compounds (SVOCs) and polychlorinated biphenyls (PCBs). All of the soil on the 5 Flint Street property will be removed down to bedrock, a depth of about 15 feet. On the 15 Flint Street property, excavation depths are expected to range from two feet on the south end of the property to about 15 feet (top of bedrock) on the north end of the property along Flint Street.
- Pumping water that accumulates in the excavations into storage tanks. This water is expected to be contaminated with low levels of petroleum-related compounds and chlorinated volatile organic compounds (VOCs) The water will be tested and treated in an appropriate manner based on the test results.
- Placement of oxygen release compounds into the excavations to enhance the natural biological breakdown of any remaining groundwater contaminants.

As the Site is proposed for re-zoning, we are developing a contingent remedy that will include institutional and engineering controls to manage any remaining contamination. The institutional control would be an environmental easement that limits site use to restricted-residential (such as apartments), commercial and industrial activities, prohibits groundwater use, and requires long-term compliance with a NYSDEC-approved Site Management Plan. Engineering controls, including a cover system and possibly vapor intrusion mitigation systems for new buildings, would also be part of the contingent remedy.

Owner: DHD Ventures, Adam Driscoll, Director of Development

Services Provided: Environmental Engineering, Asbestos, Lead Paint and Mold

Completion Date: On-going (2018)