



State of Ohio Environmental Protection

Agency

STREET ADDRESS:

Lazarus Government Center
122 S. Front Street
Columbus, OH 43215-1099

TELE: (614) 644-3020 FAX: (614) 644-2329

MAILING ADDRESS:

P.O. BOX 1049
Columbus, OH 43216-1049

September 11, 2003

Ms. Laura Ripley
U.S. EPA, Office of Superfund
Response Section 3, SE-4J
77 West Jackson Boulevard
Chicago, Illinois 60604-3590

RE: **Targeted Brownfield Assessment
City of Uhrichsville**
Uhrichsville, Ohio
40° 23' 10.0"
81° 20' 53.0"

Dear Ms. Ripley:

On April 1, 2003, the Ohio EPA's Division of Emergency and Remedial Response, Site Investigation Field Unit (DERR-SIFU) conducted support sampling services near the former Starkey Junk Yard in the City of Uhrichsville, Ohio. The purpose of this sampling event was to assist the certified professional, Brownfield Restoration Group, LLC, in obtaining surface, sub-surface soil and ground water samples from the site by using Ohio EPA's Geoprobe®. The City of Uhrichsville hired this consultant to conduct appropriate environmental studies, which would prepare the site for use as a potential recreational park for the city.

Please find attached, a copy of the brownfield technical assistance request from the City of Uhrichsville, received on October 17, 2002. The Former Starkey Junk Yard meets the federal definition of a brownfield as it is a real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. None of the exclusions listed in Title II, Section 211 (a)(39)(B) of the H.R. 2869 Small Business Liability Relief and Brownfield Revitalization Act apply to this property.

The Scope of Work was discussed between The Brownfield Restoration Group, LLC, and Ohio EPA. The entire project scope included five identified areas in which point of compliance samples were collected. Soil samples were collected at three depths with the lowest sampled depth being ten feet below ground surface. A minimum of nine soil samples were collected and analyzed from each of the five identified area using hand augers and Ohio EPA's direct push drilling unit (see attached map). Ground water samples were collected, where possible, from six separate locations throughout the entire property. The ground water samples were collected using Ohio EPA's direct push drilling unit. Initial findings from the investigation indicate that lead and arsenic exceed residential "direct contact soil standards" (DCSS) in all of the identified areas. Lead also exceeds the commercial/industrial standard. TPH (DRO) in soil was found to exceed petroleum standards in the compactor area only. VOCs, SVOCs, PCBs are present, but below residential DCSS. Lead in ground water was found to exceed the established generic standard, however, this will need to be verified through future monitoring well installation and sampling.

Bob Taft, Governor
Jennette Bradley, Lieutenant Governor
Christopher Jones, Director

Sampling of the aquatic biological communities of Stillwater Creek was conducted during July and August, 2003. Fish and macroinvertebrate populations were assessed upstream, adjacent, and downstream from the Starkey junkyard site. Fish sampling included an assessment of fish numbers, weight, species, and external anomalies at each stream location. Macroinvertebrate sampling included setting and retrieving collection traps, with samples brought back to the lab for later processing.

The Ohio EPA, DERR/SIFU submitted 45 soil samples and seven ground water samples, to Kemron Environmental Services, our state-contract laboratory, for chemical analysis. **Once the analytical report was received, it was forwarded to the Brownfield Restoration Group, LLC, for evaluation.**

Sincerely,

Gavin D. Armstrong
Site Investigator
Division of Emergency & Remedial Response

cc: Christine Osborne, DERR-SEDO
Jessica Page, DERR-CO
Kevin Clouse, DERR-CO
Jeff Wander, DERR-CO

Analytical Data