



Residential Area Sampling to Start – Comments Invited

Activity update

- Accepted public comments on the general approach to sampling in the residential area – *completed April/May 2002*
- Signed the legal agreement with potentially responsible parties to investigate and evaluate cleanup options for the residential area – *agreement signed July 5, 2002*

Next steps

- Provide a work plan detailing sampling plans for the residential area for public comment - *available now through September 12, 2002*
- Conduct residential area sampling - *scheduled for October 2002*

Comments invited

EPA is accepting comments from the public on the proposed residential area sampling plan discussed in this mailing. Comments can be e-mailed, faxed, mailed, or phoned in to Bri Bill, EPA community involvement coordinator (see contact information on the last page of this mailing).

Comments will be accepted until September 12, 2002.

Northwestern Barrel Site South Milwaukee, Wisconsin

August 2002

U.S. Environmental Protection Agency and parties responsible for the cleanup of the Northwestern Barrel site have completed a work plan that describes a sampling approach for soil and ground water on the residential properties adjacent to the site. EPA welcomes residents' comments on the work plan and will consider all comments. The sampling approach is summarized below. A copy of the work plan is available for review at the information repository in the South Milwaukee library and clerk's office at South Milwaukee City Hall, located at 2424 15th Avenue.

Soil

- Collect soil samples at approximately 75-foot intervals in accessible portions of the residential area, including properties belonging to Marina Cliff Condominiums, Bay Heights Condominiums, South Cliff Townhouses and City of South Milwaukee.
- Collect surface soil samples for laboratory analysis of semi-volatile organic compounds, PCBs, inorganic chemicals (which include metals such as lead) and, in some samples, pesticides.
- Collect subsurface soil samples to depths of 15 feet for laboratory analysis of semi-volatile compounds, PCBs, inorganics and, in some samples, pesticides. Hand-held meters at the boreholes will be used to test for volatile organic compounds and, if found, soil will be analyzed in the laboratory for these chemicals.
- Collect subsurface soil samples for laboratory analysis from a series of closely spaced boreholes near the northeast corner of Marina Cliffs Condominiums building 4 (volatile organics), east of Marina Cliffs Condominiums buildings 1 and 3 (PCBs and lead), and near the northwest corner of Marina Cliffs Condominiums building 1 (PCBs, semi-volatile organics and lead).
- Collect three surface soil samples from the city easement for laboratory analysis of PCBs and lead.
- Monitor air at the boreholes for volatile organic compounds using hand-held meters.
- Backfill boreholes with bentonite grout to below ground surface and cover with soil. Restore ground surface to original condition and reseed or replace asphalt as needed.

Soil gas

- Drill four boreholes along the outside foundations of Marina Cliffs Condominiums buildings 1, 2 and 4 to a depth of approximately 10 feet.
- Install gas probes in each of the boreholes and collect samples twice, at three month intervals.
- Sample basement air from the condominium units located near the gas probes twice, at three-month intervals. Condominium owners have been contacted to arrange access to units for sampling.

Ground water

- Install two ground-water monitoring wells between Marina Cliffs Condominiums buildings 1 and 2 and one monitoring well north of Marina Cliffs Condominiums building 1.
- Sample ground water at each well twice, at a minimum of three-month intervals.
- Conduct laboratory analysis of ground water to include volatile and semi-volatile organics,

pesticides, PCBs and inorganics. Hand-held meters will be used to test for volatile organic compounds at the boreholes.

- Resample ground water from two monitoring wells on the Towne Realty property. One well is located approximately 150 east of the end of Bay Heights Drive; the other is located approximately 50 feet south of Marina Cliffs Condominiums building 3.

Schedule

EPA expects field work to start around October 1 and last about three weeks. Work hours are 9 a.m. until 5 p.m., Monday through Friday. Approximately three months after the ground-water monitoring wells and soil gas probes are sampled, they will be sampled again. EPA expects to receive results of the sampling approximately two months after samples are collected.

Consultants for the responsible parties, including Conestoga-Rover & Associates, will be doing the sampling work under the oversight of EPA.

NORTHWESTERN BARREL SITE

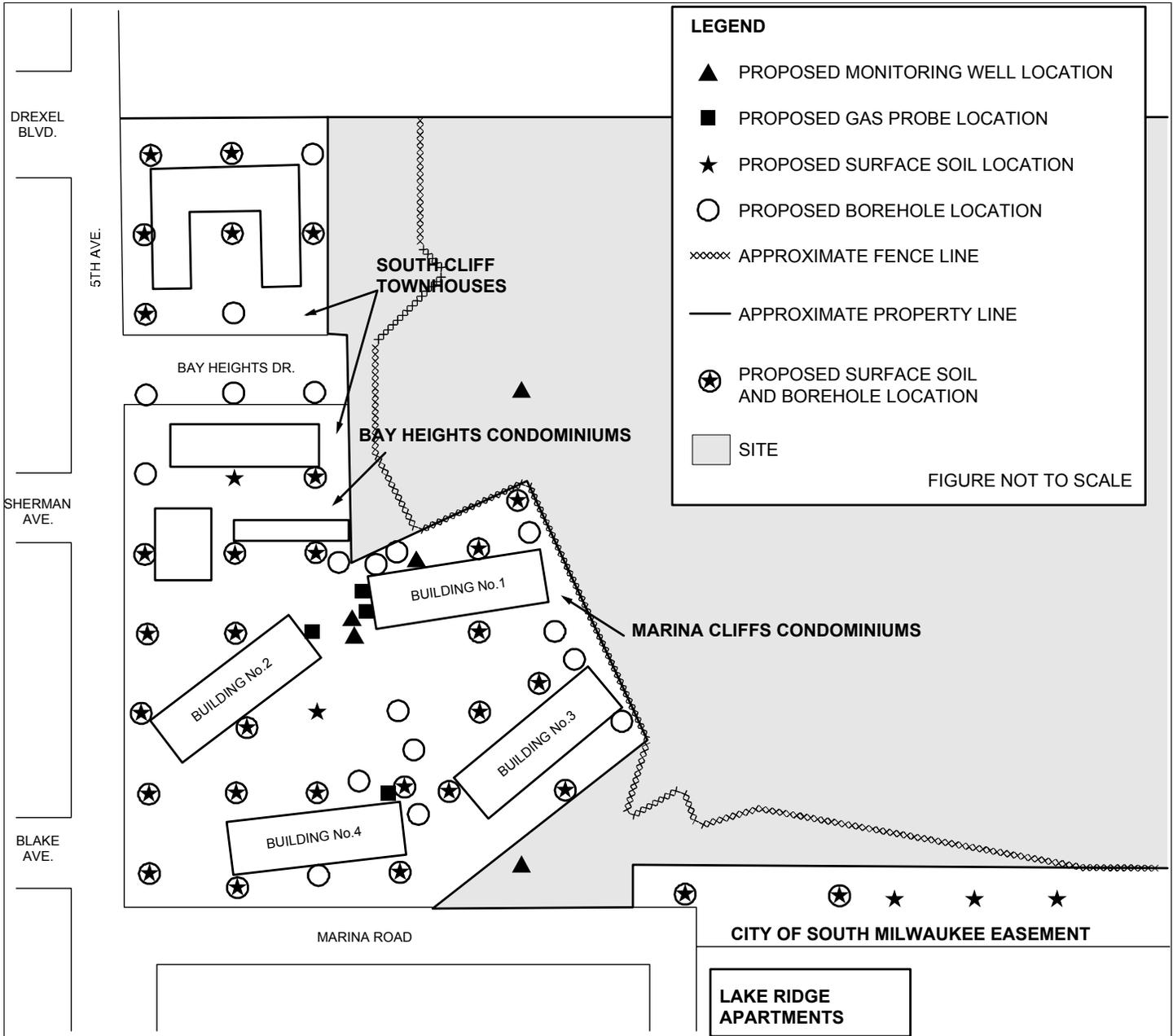
Location

The 13-acre site is located along the Lake Michigan bluff off 5th Avenue and Marina Road in South Milwaukee. The site is defined as the property owned by Towne Realty Inc., the area surrounded by the fence. Approximately 5 acres of residential land borders the east and south sides of the site.

Cleanup milestones

1941-64	Barrel facility operated.	2000-01	Site soil and ground water sampled to determine if cleanup goals reached.
1985	Chemicals found in site soil by EPA and Wisconsin DNR.	May 2001	Temporary fencing installed around two soil hot spots along south side of site.
1990	Partial cleanup conducted by Towne Realty.	Sept. 2001	EPA signs administrative order on consent with parties, settling past and future cleanup costs. Chain link fence replaced snow fence at hot spots.
1996	Waste excavated from two pits and stockpiled by responsible parties.	July 2002	EPA signs administrative order on consent with parties, for further investigation of residential area.
1997	Waste treated and disposed of off site. Residential surface soil sampled for lead.	2001-02	Residential sampling plan developed.
1998	Contaminated site soil excavated and disposed of off site. Residential soil sampled in March and June.		
1999	Excavation and off-site disposal of site soil continued.		

**Northwestern Barrel Site and Residential Area
Proposed Residential Area Sampling Locations**



Visit EPA's Web site for more information:

www.epa.gov/region5/sites



Information repository

Files containing site information are available for review at the South Milwaukee Public Library, 1907 10th Avenue, South Milwaukee, Wis.

For further information

If you would like additional information about the Northwestern Barrel site, please contact:

Cleanup:

Bri Bill

Community Involvement Coordinator
Office of Public Affairs (P-19J)
EPA
77 W. Jackson Blvd.
Chicago, IL 60604
(312) 353-6646
or toll-free at 1-800-621-8431
bill.briana@epa.gov

Fred Bartman

Remedial Project Manager
Superfund Division (SR-6J)
EPA
77 W. Jackson Blvd.
Chicago, IL 60604
(312) 886-0776
or toll-free at 1-800-621-8431
bartman.fred@epa.gov

Andy Boettcher

Hydrogeologist
Wisconsin DNR
2300 N. Dr. MLK Jr. Dr.
Milwaukee, WI 53212
(414) 263-8541
boetta@dnr.state.wi.us

Health:

Henry Nehls-Lowe

Epidemiologist
Dept. of Health and Family Services
1414 E. Washington St.
Madison, WI 53703
(608) 266-3479
nehls@dnfs.state.wi.us

Jackie Ove

Public Health Administrator
South Milwaukee Health Department
2424 15th Ave.
South Milwaukee, WI 53172
(414) 764-5060
ove@ci.south-milwaukee.wi.us



Printed on Recycled Paper