



Technical Overview: Assessment actions to be taken at the former Whirlpool Park property, Green Springs, Ohio

Eastern Sandusky County Assessment

April 2013

The U.S. Environmental Protection Agency has reviewed the workplan submitted by Whirlpool Corp., through its environmental contractor, to fully assess the former Whirlpool Park property located in Green Springs, Ohio. U.S. EPA gave final approval of the plan in April 2013. An estimated 360 samples will be collected from the property.

In general, the following activities will be undertaken:

- Soil samples will be collected using direct push drilling techniques, and samples will be collected every two feet below ground for a minimum of 10 feet unless fill material (material used to fill in a hole or depression) is encountered. If fill material is encountered, the depth of the boring will be at least 5 feet below the fill material (with samples collected every two feet including the fill material). Approximately 50 locations will be sampled in this manner across the property.
- Surface soil samples will also be collected (top 6-12 inches of soil) at various locations including the piles of dirt in the former parking lot.
- Approximately 10 shallow and deep groundwater wells will be installed to assess whether fill material found during the U.S. EPA property assessment impacted any groundwater. Samples will be collected from the wells several times.
- Samples will be collected from the creeks that run through the property and sediment samples will be collected in former “pond” areas as well as along the creek.
- An area that was filled in (visually appears to be concrete) will be excavated in order to visually assess if any drums or sludge material were also placed in the area. Samples will also be collected from either the fill area bottom or visually impacted material.
- Samples will be analyzed at an off-site laboratory for a variety of compounds such as pesticides, herbicides, volatile organic compounds, semi-volatile organic compounds, PCBs and total metals. A portion of the samples will be analyzed for all the compounds listed (at least several samples from each distinct area) and the rest of the samples will be analyzed for a smaller set of compounds.

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U.S. EPA will oversee the assessment. U.S. EPA (or U.S. EPA contractor) will be present at the site during assessment work. Duplicate samples will be collected by U.S. EPA and analyzed at a separate off-site analytical laboratory in order to verify the results obtained by the Whirlpool contractor.

U.S. EPA will provide a separate report of findings on its webpage. U.S. EPA will also review the report written by the Whirlpool contractor.