



Countywide Recycling & Disposal Facility

Division of Republic Waste Services of Ohio

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Countywide RDF remediation update

The following information is being provided to ensure that you have timely and accurate information regarding the Countywide Recycling & Disposal Facility.

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Personnel from Countywide, several outside contractors, the Ohio EPA, and US EPA continue to isolate and contain a chemical reaction located in 88 acres of an older portion of the landfill.

The chemical reaction originated in late 2005 and stems from buried non-hazardous aluminum waste. The result was a rapid decomposition of landfill waste resulting in increased odor, gas, and leachate. There is no known environmental or public health threat from the chemical reaction. Countywide continues to conduct extensive air, groundwater, gas and odor monitoring as a confirmatory measure.

As part of the current chemical reaction remediation process, work continues on excavation of an isolation break between landfill cells five and seven. The isolation break when completed in late spring 2009 will be a v-shaped valley that will physically separate the landfill's original 88 acres and the reaction from areas not affected by the chemical reaction. Excavation requires the removal of approximately 400,000 cubic yards of buried waste, which will be placed in landfill cells 7 and 8a. The isolation break will be approximately 80 feet deep, has a price tag of approximately \$6 million dollars, and is expected to be finished in spring 2009. So far, as of January 22nd, around 200,000 cubic yards have been removed as part of the project.

Other important aspects of the remediation process include the capping of the 88 acres. Seventy acres of high density polyethylene capping was completed in 2008 and another 18 acres of a composite, final cap is planned for 2009. The capping is designed to isolate and contain the chemical reaction by keeping liquid and oxygen from entering the 88 acres. Additionally, the cap helps reduce odors by preventing odor and landfill gases from escaping.

Air monitoring will continue through cooperation with the Ohio and US EPA. At Countywide, five air monitors are operating while the Ohio EPA maintains four air monitoring stations in the community. The air monitoring program is part of a five-pronged approach that includes:

- Offsite community air monitoring located up to 2 miles in radius from Countywide
- Real-time, continuous onsite air monitors that surround the original 88 acres
- Downwind monitors located 300 feet downwind of the isolation break excavation
- Offsite, mobile "nasal ranger" community odor monitoring
- Worker air monitoring devices used for the detection of carbon monoxide, ammonia, volatile organic compounds, oxygen, and hydrogen sulfide

The air monitoring program is in place to determine if contaminant levels of concern, especially volatile organic compounds (VOC's) are being detected in the community as a result of the landfill.

Countywide continues to work proactively with the Ohio EPA, the US EPA and area regulators to resolve any and all issues at the site. The landfill has always cooperated fully with regulatory agencies and is committed to complying with all requirements. For more information, call 330-874-3855 or visit www.countywideohio.com.

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