



Public Interest Center | P.O. Box 1049 | Columbus, OH | 43216-1049

**FOR RELEASE:** August 30, 2011  
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## Ohio EPA Issues Final Permit for Cardinal Landfill Modification

Ohio EPA issued a final permit to Cardinal Operating Company to modify the existing residual solid waste landfill in Jefferson County. The landfill is one mile north of the Cardinal Power Plant on Co. Rd. 7E, in Wells Township. The permit will allow a proposed partial lateral and vertical expansion of the landfill, and a partial lateral and vertical retraction of the approved limits of waste placement.

Ohio EPA held a public meeting on June 30, 2011, to accept comments about the draft permit. No comments were received. Before issuing the draft permit, Ohio EPA reviewed the technical aspects of the application and determined that it met Ohio's environmental laws and solid waste rules. Permit conditions were established to ensure compliance with environmental laws and to protect public health and safety.

The landfill accepts mostly gypsum and a small percentage of wastewater treatment solids and bottom ash from the power plant.

The facility's footprint is 348 acres, of which 127 acres are permitted for waste placement. Currently, approximately 23 of those acres are being filled with waste. The company proposes a 2.48-acre increase in the disposal area. In the future, the anticipated daily waste receipt for the facility would be 4,050 tons. At that rate, it is expected that the landfill would be filled in about 17 years. During 2010, the facility disposed of about 248,958 tons of gypsum and wastewater treatment solids. An additional 224,387 tons of gypsum was diverted from disposal for beneficial use.

The purpose of the permit modification request is to better reflect limits of waste in three waste disposal cells on the southwest and northern edges of the landfill. The landfill design includes a multi-component liner system; collection and disposal system for leachate (the water that has come into contact with buried landfill wastes); surface water management system; ground water monitoring system; and final closure cap system. The permit also incorporates 15 years of post-closure care and financial assurance for closure and post-closure care.

The permit and related materials are available for review at Ohio EPA's Southeast District Office (2195 Front Street, Logan, Ohio 43138) by first calling (740) 385-8501 or (800) 686-7330.

Issuance of the final permit can be appealed to the [Ohio Environmental Review Appeals Commission \(ERAC\)](#). Many appeals must be filed within 30 days of issuing the final action; therefore, Ohio EPA recommends that anyone wishing to file an appeal contact ERAC online or at (614) 466-8950 for more information.