



FOR RELEASE: January 7, 2011
MEDIA CONTACT: Erin Strouse, (614) 644-2160
CITIZEN CONTACT: Jed Thorp, (614) 644-2160

Former Owners Agree to Continue Cleanup Activities at Tuscarawas County Manufacturing Site, Reimburse Ohio EPA \$30,000

Ohio EPA has reached an agreement about environmental cleanup with Joy Technologies Inc. (now known as Joy Mining Machinery), the former owner of the industrial fan manufacturing site at 338 South Broadway in New Philadelphia. The property is currently owned and operated by Howden North America Inc.

Joy will continue environmental cleanup measures at the site in order to protect public health and safety and the environment. This is an extension of the final cleanup plan Ohio EPA issued for the site in 2000.

Site History

The site has been used to manufacture industrial fans since approximately 1960. Through 1975, solvents such as trichloroethene (TCE) and hydraulic oil containing polychlorinated biphenols (PCBs) were used at the site. In 1990, Joy entered into an administrative consent order with Ohio EPA that outlined how the company would address contamination. The company completed that work, and Ohio EPA developed a final cleanup plan for the site. The plan included installing three soil vapor extraction systems to target contaminated soils and continuing to operate city water production wells and air strippers in a way to adequately capture and treat impacted ground water.

Joy agreed to an interim action order in 2001 to address soil contamination, through installing and operating the three soil vapor extraction systems called for by the final cleanup plan. At that time, Ohio EPA and Joy agreed to defer a final agreement on ground water remediation activities until more was known about the source of a separate contamination plume affecting the city's wellfield. (Ohio EPA concluded in late 2001 that the Joy site was not the source.) The soil vapor extraction systems have operated from 2003 to the present and have remediated site soils while reducing the amount of contaminants that can leach into the ground water aquifer.

Long-Term Cleanup Strategy

The new agreement establishes the long-term strategy for both soil and ground water cleanup at the site. The strategy includes continued operation of the soil vapor extraction systems to address contaminants that remain in site soils. The strategy also relies on the effective containment and treatment of impacted ground water that is provided by the production wells at the New Philadelphia well field. The air stripping units at the well field remove any site-related contaminants and produce ground water that meets drinking water standards. A provision of the final cleanup plan requires Joy to operate and maintain these units until the ground water contamination has been fully remediated. Joy also has agreed to reimburse Ohio EPA approximately \$30,000 for past investigation and enforcement activities, as well as to pay for future remediation oversight costs incurred by the state.

More Information

A full file review can be arranged at Ohio EPA's Southeast District Office (2195 Front Street, Logan) by contacting Angie Hardesty, public records coordinator, at (740) 385-8501. Questions also can be directed to [Kevin O'Hara](#), site coordinator, at (740) 385-8501.

Ohio EPA's General Cleanup Process

When Ohio EPA suspects that soil, sediment, surface water and/or ground water at a site are contaminated with hazardous wastes or substances, the director issues orders to the responsible party requiring an investigation into the nature and extent of contamination and the development of cleanup proposals. After the responsible party completes this remedial investigation and feasibility study and they are approved by Ohio EPA, the Agency issues a preferred plan for public comment, describing options to resolve contamination problems. The plan lists Ohio EPA's recommended cleanup alternatives. After all public comments on the preferred plan are considered, Ohio EPA issues a decision document that details the final cleanup plan for the site. The director issues a second set of orders to the responsible party requiring remedial design and remedial action. The responsible party then performs the selected cleanup remedy and other parts of the final cleanup plan under Ohio EPA oversight.