

New York State Department of Environmental Conservation
Division of Environmental Remediation
Remedial Bureau D, 12th Floor
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Record of Decision Available

34 Freeman's Bridge Road **Town of Glenville, Schenectady County, New York** **Site Number 447028** **April 2004**

The New York State Department of Environmental Conservation (NYSDEC), in cooperation with the New York State Department of Health (NYSDOH), has selected a remedy to address contamination at 34 Freeman's Bridge Road in the Town of Glenville, Schenectady County, New York.

Record of Decision

The selected remedy is described in detail in a "Record of Decision" (ROD). The ROD presents the alternative selected by the NYSDEC and NYSDOH and documents the information and rationale used to arrive at the decision. *The ROD can be reviewed at the document repositories listed below.*

Included in the ROD is a summary of public participation activities undertaken by the NYSDEC, including the holding of a public meeting on February 11, 2004. Comments on the Proposed Remedial Action Plan (PRAP) received from the public at the meeting and by mail and e-mail during the 30-day comment period (January 30 to February 29, 2004) are summarized and responses provided in the Responsiveness Summary of the ROD.

Document Repositories

NYS Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway, 12th Floor
Albany, NY 12233-7013
Hours: 8:00 A.M. - 4:15 P.M.
Contact: Martin Brand 518-402-9813

Glenville Municipal Center
18 Glenridge Road, Glenville NY
Hours: 9:00 A.M. - 5:00 P.M.
Contact: Town Clerk 518-384-0019

Schenectady County Public Library (Glenville Branch)
20 Glenridge Road, Glenville NY
Hours: M-Th 10 A.M. - 8:30 P.M.
F- Sat 10 A.M - 5:00 P.M.
Contact: Librarian 518-386-2243

The ROD and Responsiveness Summary can be reviewed at the locations listed above and on the NYSDEC's website at www.dec.state.ny.us/website/der/projects/447028ROD.pdf

Selected Remedial Action

The Record of Decision describes the remedy selected by NYSDEC and NYSDOH to address hazardous waste contamination at 34 Freeman's Bridge Road. The remedy was chosen following a detailed investigation of the site and a study of alternatives to address the contamination.

The remedy selected in the ROD is the same remedy that was proposed in the PRAP. Elements of the remedial action include:

- A remedial design program to provide the details necessary for the construction, operation, maintenance, and monitoring of the remedial program. This will include an engineering evaluation of the site building to determine its structural stability and the need to remove the structure as part of the remediation. An indoor air quality study, including sub-slab soil gas, will also be conducted. Additional soil and waste material samples may be taken to further define treatment quantities and aid in the final design of the remedy.
- Site preparation including access roads, fencing, and miscellaneous field installations.
- Excavation, preparation, and thermal treatment of approximately 71,743 tons of contaminated wastes, soils, and debris. A mobile low temperature thermal desorption unit will be placed on the site to treat the materials. Testing of the treated material will be conducted to ensure materials meet all treatment standards and cleanup goals. A portion of the material (approximately 21,238 tons) containing high concentrations of metals will be chemically stabilized and consolidated after thermal treatment. While the selected remedy calls for stabilization and on-site placement of metals-containing soils, an evaluation will be made during the design phase to further define the quantities and concentrations of metals expected to remain in the soil after thermal treatment. Off-site disposal options for that material may then be considered, depending on cost and technical feasibility.
- Groundwater and non-aqueous phase liquids collection and treatment. Wells and trenches will be employed to collect and treat contaminated liquids from the main source area prior to and during excavation activities.
- The site will be restored by grading, placement of topsoil, and seeding of excavated and/or filled areas. Treated and stabilized materials will be used as backfill to restore site grades. The stabilized soils will be placed in a designated area to facilitate management and monitoring. While the remedy intends to treat or stabilize all soils, surface and subsurface, that exceed cleanup goals, a site management plan will be implemented. This plan will guide future use of the site soils and property.
- An institutional control, such as an environmental easement, will be imposed, in such form as the NYSDEC may approve, that will prevent the use of groundwater as a source of potable or process water without necessary water quality treatment as determined by the Schenectady County Department of Health. Due to the continued presence of volatile organic compounds in groundwater for some period of time after remediation, the potential for vapor intrusion to indoor air must be evaluated prior to any new construction on the site. Additionally, depending on the level of post-remedial soil contamination, it may be necessary to impose controls on the property which may limit the use of the property to commercial and/or industrial purposes. The property owner will complete and submit to the NYSDEC an annual certification, until the NYSDEC notifies the property owner in writing that this certification is no longer needed. This submittal will contain a certification that the institutional

controls put in place, pursuant to the Record of Decision, are still in place, have not been altered, and are still effective.

- A notification will be sent to the county clerk for filing, to notify future owners of the residual groundwater contaminants remaining on the site.
- Since the remedy results in untreated groundwater remaining at the site, a monitoring program will be instituted. This program will allow the effectiveness of the soil and waste removal to be monitored and will be a component of the operation, maintenance, and monitoring for the site. The small area of contaminated groundwater remaining outside the main contaminant source area to be excavated will be monitored and allowed to attenuate naturally. With the source of the groundwater contamination removed, it is anticipated the groundwater plume will reach SCGs within five years.

For More Information

Contact the following persons concerning:

Environmental Concerns

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Health-related Concerns

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Citizen Participation

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