

Arkansas Department of Environmental Quality
Notice of Five Year Review
Industrial Waste Control Superfund Site

EPA I.D. Number: ARD980496368

Facility Location: 8 miles south-east of Fort Smith, Sebastian County, Arkansas

WEB Address: <http://www.epa.gov/superfund/sites/cursites/index.htm>

The United States Environmental Protection Agency (USEPA) and the Arkansas Department of Environmental Quality (ADEQ) have conducted the Fifth Five Year Review (FYR) for the Industrial Waste Control Superfund Site (Site). The FYR was conducted to determine whether the remedy at the Site remains protective of human health and the environment. More specifically, the Site is located in Sebastian County, approximately one mile west of Jenny Lind, Arkansas.

The lead agency for conducting the FYR was the ADEQ. This review was conducted in accordance with the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA). Section 121 of CERCLA, as amended by the Superfund Amendments and Reauthorization Act of 1986 (SARA), requires the selected remedial actions that result in any hazardous substances, pollutants, or contaminants remaining at the Site be subject to a FYR to ensure the selected remedial actions comply with applicable or relevant and appropriate environmental standards established under federal and state environmental laws.

The Site is a covered industrial landfill that was closed in accordance with state and local rules at the time of closure (August 1978) and subsequently closed in accordance with CERCLA in March 1991. The industrial landfill occupied a former surface strip coal mine that extended across the northern portion of the Site. Waste materials, refuse, construction debris, and fill dirt were placed into the Site during the operation of the landfill from the late 1960s to 1976. Principal contaminants of concern (COCs) in the groundwater relate to contaminants that were derived from industrial wastes formerly deposited at the Site, including volatile organic compounds (VOCs). The VOCs included trichloroethylene (TCE) and degradation daughter products cis 1,2-dichloroethylene (c-DCE), trans-1,2-dichloroethylene (t-DCE), and vinyl chloride (VC).

Contaminated soils have been remediated by both off-site removal and the balance being stabilized in-situ. The clean-up included installation of a French drain system and slurry wall to prevent up-gradient groundwater from entering the remediation area of the Site. A multi-layer Resource Conservation Recovery Act (RCRA) cap was constructed to cover the area bounded by the French drain system and extending northward to the property boundary. The current FYR period included an evaluation of groundwater monitoring results to insure the remedy is functioning as expected.

Protectiveness Statement

The remedy implemented for the Site is considered protective of human health and the environment. Institutional controls (ICs) are in place to ensure long term protectiveness. Site access is controlled by a security fence to maintain the integrity of the containment

system. The constructed remedy and monitored natural attenuation, together with ICs and restricted access, have been accepted as the current remedy. The next FYR will be required to be completed by September 13, 2022.

The results of the Fifth FYR are available to the public at the following information repositories:

U.S. Environmental Protection Agency, Region 6
1445 Ross Avenue, Suite 1200
Dallas, Texas 75202
214. 665.8409

Arkansas Department of Environmental Quality
Records Management Section
5301 Northshore Drive
North Little Rock, AR 72118

Fort Smith Public Library
Attn: Mr. Larry Larson
3201 Rogers Avenue
Fort Smith, AR 72903-2953

Additional information about the Site is available through the ADEQ website:
<http://www.adeg.state.ar.us>

Dated this 13th Day of November 2017

Becky W. Keogh
Director
Arkansas Department of Environmental Quality