



UNITED STATES

ENVIRONMENTAL PROTECTION AGENCY

REGION III

STATEMENT OF BASIS

ANVIL PRODUCTS

ALLISON PARK, PENNSYLVANIA

EPA ID NO. PAD004336822

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I. Introduction

A. Facility Name

The United States Environmental Protection Agency (EPA) has prepared this Statement of Basis (SB) for the Anvil Products facility located at 3812 William Flynn Highway, Allison Park, PA 15101 (hereinafter referred to as the Facility).

The Facility is subject to the Corrective Action program under the Solid Waste Disposal Act, as amended by the Resource Conservation and Recovery Act (RCRA) of 1976, and the Hazardous and Solid Waste Amendments (HSWA) of 1984, 42 U.S.C. Sections 6901 to 6992k. The Corrective Action program is designed to ensure that certain facilities subject to RCRA have investigated and cleaned up any releases of hazardous waste and hazardous constituents that have occurred at their property.

Information on the Corrective Action program as well as a fact sheet for the Facility can be found at <http://www.epa.gov/reg3wcmd/correctiveaction.htm>.

B. Proposed Decision

This SB explains EPA's proposed decision that Corrective Action is complete and no land use controls are required for the Facility. EPA's proposed decision is based on a review of EPA and Pennsylvania Department of Environmental Protection (PADEP) files regarding the environmental history of the Facility as presented in the Final Environmental Indicator Inspection Report submitted in September 2003. Based on this review, EPA has concluded that there are no current or unaddressed releases of hazardous waste or hazardous constituents from the Facility.

C. Importance of Public Input

Before EPA makes a final decision on its proposal for the Facility, the public may participate in the remedy selection process by reviewing this SB and documents contained in the Administrative Record (AR) for the Facility. The AR contains the complete set of reports that document Facility conditions, including a map of the Facility, in support of EPA's proposed decision. EPA encourages anyone interested to review the AR. The AR is available for public review at the EPA Region III office, the address of which is provided in Section V, below.

EPA will address all significant comments received during the public comment period. If EPA determines that new information or public comments warrant a modification to the proposed decision, EPA will modify the proposed decision or select other alternatives based on such new information and/or public comments. EPA will approve its final decision in a document entitled the Final Decision and Response to Comments (FDRTC).

II. Facility Background

The Facility is located at 3812 William Flynn Highway in Allison Park, Hampton Township, Allegheny County, Pennsylvania. The Facility is bordered by Route 8 and residential development to the west, and Pine Creek and mixed residential and undeveloped land to the east. The Facility covers approximately 7 acres.

Anvil Products bought the property in 1928 and manufactured threaded pipe couplings (and bomb plugs during World War II) from 1930 to 1985, when operations at the Facility ceased. The Facility was purchased by Haber Associates in 1988, who leases building space at the Facility to several commercial tenants.

III. Summary of Environmental History

Corrective action activities at the Facility began between 1973 and 1974, when two original earthen lagoons located on the northern end of the property were replaced with state-permitted, concrete-lined, 30,000-gallon open holding basins. The soil lining the original lagoons was removed to a state-approved depth. The basins continued to be used to store treated non-cyanide-containing sludge and waste pickle acids.

A release of untreated cyanide-containing wastewater from the Facility in December 1979 resulted in a fish kill in Pine Creek, which prompted a reconsideration of the Facility's use of cyanide in production. Between 1981 and 1982, the Facility ceased all cyanide plating and treatment operations, removed all cyanide-containing waste and wastewater treatment equipment, and switched to a potassium-zinc chloride plating operation and new wastewater treatment plant. The only remnant of the old treatment system was the 30,000-gallon concrete holding basins that continued to be used as a backup system if needed.

In May 1983 the Facility submitted a proposal for the closure of the two 30,000-gallon concrete holding basins. The basins would be replaced by a 5,000-gallon fiberglass accumulation tank. The proposal was approved by PADEP. The 30,000-gallon basins were emptied, cleaned, and backfilled with clean fill. To aid in area drainage, a 30-mil PVC membrane was installed over the basins, with 6 inches of sand and 6 inches of backfill placed

over the membrane and graded. This area is currently paved with asphalt as part of a parking lot and access road that bisects the Facility.

An Environmental Indicator (EI) inspection of the Facility occurred in July 2003 to assess whether human exposures to contamination and migration of contaminated groundwater were under control at the Facility. Several Solid Waste Management Units, most of which were associated with the wastewater treatment plant at the Facility, were reviewed and inspected during the visit. Except for the December 1979 release of cyanide-containing wastewater from the Facility, no other information or evidence of past releases was apparent. Given the time elapsed since hazardous waste activity occurred at the Facility, the current and future anticipated use of the Facility (several tenants, all of whom do not manage hazardous waste), and the findings from the EI inspection, EPA determined in August 2009 that both human exposures to any contamination and migration of any contaminated groundwater are under control at the Facility.

IV. Evaluation of EPA's Proposed Decision

EPA has determined that its proposed decision for the Facility is protective of human health and the environment and that no further corrective action or controls are necessary at this time.

V. Public Participation

Interested persons are invited to comment on EPA's proposed decision. The public comment period will last thirty (30) calendar days from the date that notice is published in a local newspaper. Comments may be submitted by mail, fax, e-mail, or phone to Mr. Griff Miller at the address listed below.

A public meeting will be held upon request. Requests for a public meeting should be made to Mr. Griff Miller at the address listed below. A meeting will not be scheduled unless one is requested.

The Administrative Record contains all the information considered by EPA for the proposed decision at this Facility. The Administrative Record is available at the following location:

U.S. EPA Region III
1650 Arch Street
Philadelphia, PA 19103
Contact: Mr. Griff Miller – 3LC30
Phone: (215) 814-3407
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