

Region 3 GPRA Baseline RCRA Corrective Action Facility

Action Manufacturing

903-F-05-015

RD1 Box 197 Baileys Crossroads
Atglen, PA 19310
Congressional District 16
EPA ID #: PAD096844311

Site Property Area: 217 Acres
Last updated: 12/31/2005

Current Progress at the Site

The following Corrective Action work has been completed at the facility:

- RCRA Facility Investigation, Phases I and II, provided information on the nature and extent of environmental contamination at the site;
- Interim Measures (short-term actions) were completed, including the following:
 - 1 - Contaminated surface soil was removed from four (4) waste management areas. Post-excavation sampling confirmed that these areas were cleaned-up to safe residential exposure levels.
 - 2 - A well at a nearby residential property was treated to remove organic contaminants until long-term monitoring documented that the well water was not contaminated by releases from the facility.
- Supplemental Phase II RCRA Facility Investigation was conducted to complete the soil and groundwater investigation.
- Action conducted additional groundwater and soil investigations to provide information needed to select the final remedy. A final decision on groundwater contamination and other areas of soil contamination will be made after the investigation report is submitted and evaluated by EPA.
- EPA evaluated Action's June 2003 proposal for dealing with two areas where elevated surficial soil arsenic concentrations were found. The proposal called for the installation of high-visibility construction-type fencing around two areas in the near-term and a focused feasibility study for evaluation of remedial alternatives in these areas for the long-term. Based on an EPA site visit in October 2003, it was agreed that fencing would not be required in the former Bldg. 1 and 4 septic leachfield area, since this area was difficult to access. Action agreed to post signs in this area warning employees and plant visitors to stay out of that area.
- EPA approved Action's June 2003 proposed groundwater monitoring schedule. Action has completed five rounds of groundwater sampling per the schedule to date.

Site Description

This facility has operated as an explosive assembly facility since 1965. The property consists of approximately 217 acres. It generates hazardous waste during the assembly of detonators, leads, ignition elements and fuzes. Past practices included the land disposal of waste material. Soil and groundwater at the site are contaminated with explosive compounds, organic compounds and/or metals at levels above EPA's Risk Based Concentrations for human exposure.

The Action Manufacturing facility achieved a "Yes" determination for the Current Human Exposures Under Control Environmental Indicator (EI) in April 2003. The Migration of Contaminated Groundwater Under Control EI determination is currently being evaluated pending the results of the newly instituted groundwater monitoring program at the facility.

Site Responsibility

RCRA Corrective Action activities at the Facility are being conducted under the direction of EPA Region 3.

Contaminants

The main contaminants of concern at the facility are RDX, an explosive compound, a few organic compounds and a few isolated areas with elevated soil arsenic concentrations. Off-site properties are not impacted by the facility contamination. Well water contamination, primarily nitrate/nitrite, at an adjacent residential property is believed to be associated with surrounding agricultural practices.

Community Interaction

The Action Manufacturing facility is located in an agricultural area with some residential properties. The facility issues bi-monthly progress reports to surrounding residents.

Institutional Controls

The need for institutional controls has not yet been determined.

Government Contact

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For more information about EPA's corrective action webpage, including Environmental Indicators, please visit our site at: www.epa.gov/reg3wcmd/correctiveaction.htm