

United States Environmental Protection Agency
Region III
POLLUTION REPORT

Date: Friday, June 4, 2010

From: Dominic Ventura

Subject: Final Polrep

Chesapeake Products, Inc.
1331 Priority Ln., Chesapeake, VA
Latitude: 36.8136150
Longitude: -76.2873330

| | | | |
|--------------------------|------------|----------------------------|----------------|
| POLREP No.: | 23 | Site #: | A3DVRV00 |
| Reporting Period: | | D.O. #: | 0702-03-022 |
| Start Date: | 11/30/2009 | Response Authority: | CERCLA |
| Mob Date: | 11/30/2009 | Response Type: | Time-Critical |
| Demob Date: | 2/26/2010 | NPL Status: | Non NPL |
| Completion Date: | | Incident Category: | Removal Action |
| CERCLIS ID #: | | Contract # | |
| RCRIS ID #: | | | |

Site Description

Chesapeake Products Site is located in a heavily industrialized area of Chesapeake, Virginia adjacent to the southern branch of the Elizabeth River. The site is approximately 7.6 acres in size and was previously used for the production of micro-nutrient fertilizer. Prior to 2009 several large buildings were located on site. The city of Chesapeake Fire Department deemed the buildings unsafe for occupancy in 2004. EPA conducted site assessments at the site in 2005 and 2006. Numerous piles of micro-nutrient fertilizer and fertilizer raw materials were located inside site buildings. The roof of the main warehouse building had partially collapsed and almost the entire floor was flooded with water. The building contained approximately 314,000 gallons of flood water. Analytical results indicated that site soil, material piles, and flood water contained elevated levels of lead and other hazardous substances or pollutants and contaminants. Chesapeake Products and Frit Industries, Inc. (Frit) entered into a Settlement Agreement and Order on Consent (AOC) with EPA in August 2007. Frit agreed to remove material piles and flood water from the site and to demolish site buildings. All work agreed to under the AOC was completed between August 2008 and May 2009. On November 30, 2009 EPA initiated a removal action at the site to remove lead contaminated surface soil and to decontaminate concrete surfaces. In total, approximately 29,000 square feet of contaminated surface soil was excavated to a depth of 1-2 feet below the surface. Excavated soil was replaced with clean fill which was then graded and seeded. All planned site work was completed on March 26, 2010.

Current Activities

EPA OSC recommended to the property owner that a zoning notice be put on the property notifying that the site had been cleaned up to industrial standards and is not intended for residential use.

Planned Removal Actions

No further removal activities are planned.

Key Issues

Disposal:

Transportation and disposal of contaminated soils was completed. In total, approximately 4412 tons of lead-contaminated soils have been transported off site for disposal at Waste Management, Bethel Landfill, in Hampton, VA as RCRA non-hazardous waste. Approximately 83 tons of rail road ties were transported off site for disposal as RCRA non-hazardous waste at King and Queen Landfill in Little Plymouth, VA.

Disposition of Wastes

| Waste Stream | Quantity | Manifest # | Disposal Facility |
|-------------------------------------|-------------|------------|---|
| NonDOT, Non-RCRA Regulated Material | 301.61 tons | n/a | Waste Management Bethel Landfill, Hampton, VA |
| NonDOT, Non-RCRA Regulated Material | 392.6 tons | n/a | Waste Management Bethel Landfill, Hampton, VA |
| NonDOT, Non-RCRA Regulated Material | 351 tons | n/a | Waste Management Bethel Landfill, Hampton, VA |
| NonDOT, Non-RCRA Regulated Material | 363.55 tons | n/a | Waste Management Bethel Landfill, Hampton, VA |
| NonDOT, Non-RCRA Regulated Material | 291.74 tons | n/a | Waste Management Bethel Landfill, Hampton, VA |
| NonDOT, Non-RCRA Regulated Material | 102.58 tons | n/a | Waste Management Bethel Landfill, Hampton, VA |
| NonDOT, Non-RCRA Regulated Material | 374 tons | n/a | Waste Management Bethel Landfill, Hampton, VA |
| NonDOT,Non-RCRA Regulated Material | 340 tons | n/a | Waste Management Bethel Landfill, Hampton, VA |
| NonDOT,Non-RCRA Regulated Material | 154 tons | n/a | Waste Management Bethel Landfill, Hampton, VA |
| NonDOT,Non-RCRA Regulated Material | 537 tons | n/a | Waste Management Bethel Landfill, Hampton, VA |
| NonDOT,Non-RCRA Regulated Material | 543 tons | n/a | Waste Management Bethel Landfill, Hampton, VA |
| NonDOT,Non-RCRA Regulated Material | 503 tons | n/a | Waste Management Bethel Landfill, Hampton, VA |
| NonDOT,Non-RCRA Regulated Material | 147 tons | n/a | Waste Management Bethel Landfill, Hampton, VA |
| NonDOT,Non-RCRA Regulated Material | 27 | n/a | Waste Management Bethel Landfill, Hampton, VA |

response.epa.gov/chesapeakeproducts