

Region 3 GPRA Baseline RCRA Corrective Action Facility

DuPont Edge Moor Plant

**104 Hay Road
Wilmington, DE 19809
Congressional District 1
EPA ID #: DED000800284
Last Updated: 5/05/2008**

Current Progress at the Site

In March 2006, a Delaware Department of Natural Resources and Environmental Control (DNREC) Corrective Action Permit was issued for Edge Moor. One of the permit requirements was to develop a Phase I Corrective Action Resource Conservation and Recovery Act (RCRA) Facility Investigation (Phase I RFI) Work Plan.

DuPont submitted the Phase I RFI to DNREC in June 2006. Its purpose was to cover the following actions:

- Evaluate the nature and extent of potential or suspected releases from Solid Waste Management Units (SWMU)
- Screen SWMUs from further investigation
- Determine whether interim/stabilization measures were necessary

The Phase I RFI Work Plan was approved and sampling has taken place. DNREC is currently awaiting the Phase I RFI Report. Following review of the Phase I RFI Report DNREC shall determine if additional samples need to be taken to characterize the site and/or if corrective measure need to be taken. There are currently a total of 28 SWMUs at the site; sixteen of these require additional investigation.

Site Description

The DuPont Edge Moor facility (site) is an approximately 115-acre pigment manufacturing facility located in Edgemoor, Delaware, just east of the city of Wilmington, Delaware. The facility operates one production line, which produces titanium dioxide (TiO₂), which is used for the paper and paint industry. The site also produces titanium tetrachloride (TiCl₄) and ferric chloride.

The pigment is produced by processing naturally occurring ilmenite ore to separate TiO₂ from other metal oxides. The TiO₂ is then treated to impart different desired properties.

The site was historically a residence and farm from 1682 until the early 1930s. At that time, it was purchased by Krebs Company to produce TiO₂. In 1935, DuPont purchased the site and continued to produce TiO₂.

Site Responsibility

RCRA Corrective Action activities at this facility are being conducted under the direction of the Delaware Department of Natural Resources and Environmental Control (DNREC) with assistance from EPA Region 3.

Community Interaction

DNREC issued a public notice for a 45-day public comment period; the public comment period ran from July 31 – September 14, 2005. It allowed the community an opportunity to review the draft Corrective Action Permit.

A public workshop was held on November 9, 2005; and a public hearing was held on November 16, 2005. The public had requested the hearing in order to understand the corrective action process and the basis for the Corrective Action Permit.

DuPont prepared a Public Participation Plan, to outline its communications strategy with citizens and the Citizen Advisory Panel (CAP). The Edge Moor Site team meets with the CAP periodically.

Institutional Controls

No institutional controls are currently in place.

Government Contacts

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