

# DuPont Experimental Station

**Route 141 and Alapocus Drive  
Wilmington, DE 19898  
EPA ID #: DED003930807  
Final Update: April 19, 2006**

## Current Progress at the Site

In September 1993, the EPA issued an Administrative Order for the DuPont Experimental Station, directing DuPont to implement the remedy that EPA selected for this site in September 1991 (“No Further Action with Monitoring”).

EPA and DuPont worked jointly to complete the requirements, which included:

- Conduct a five-year groundwater monitoring program including sampling, analysis of samples, and measurement of groundwater elevations in fourteen monitoring wells at the site on a quarterly and semi-annual basis.
- Prepare and submit reports describing this groundwater sampling activities for EPA’s review.
- Impose deed restrictions on the DuPont Experimental Station site to prevent the placement of wells used for domestic purposes, and any other use of the property that may result in dermal contact with subsurface soils and groundwater.
- DuPont is also required to restrict access to this area and to notify EPA in advance of any excavation work at the particular site area.

DuPont completed the five-year groundwater monitoring program for this site in 1999, and submitted a summary report to EPA. The groundwater data generated during this program consistently indicated that concentrations of the contaminants of concern in groundwater were significantly below EPA’s established remediation standards or goals, and that these concentrations significantly decreased over the duration of the monitoring program.

EPA issued its approval of the 5-Year Assessment Report for the DuPont Experimental Station on August 30, 2000 and notified the facility that they had successfully completed the corrective action process for the site. EPA does not anticipate that any further action will be required for this facility.

## Site Description

The DuPont Experimental Station is the corporate-wide central research and development facility for DuPont, located in Wilmington, Delaware. The site consists of mostly administrative office buildings, laboratories, and parking areas. DuPont also operates a

hazardous waste incinerator that is equipped with air pollution control devices, and several hazardous waste storage pads, all permitted by DNREC.

The facility is over 90 years old and is approximately 4 miles northwest of the City of Wilmington. The Brandywine Creek borders the facility to the south.

## **Site Responsibility**

EPA Region III conducted the RCRA Corrective Action activities for the DuPont Experimental Station, with support provided by the State of Delaware.

## **Contaminants**

The main contaminants in the soil and groundwater are polycyclic aromatic hydrocarbons (PAH) and volatile organics such as vinyl chloride and trichloroethylene (TCE).

## **Community Interaction**

After issuing a public notice for the public comment period and providing information about the proposed corrective measures, EPA and DuPont organized a public meeting in September 1991 at the Concord Pike Library to discuss the preferred clean-up alternative selected for the DuPont Experimental Station.

## **Institutional Controls**

On January 9, 1995, DuPont filed a Declaration of Covenants with the New Castle County Recorder of Deeds for the 6.08-acres of the site that were subject to corrective action. This Declaration of Covenants restricts the use of this portion of the site by preventing the placement of wells used for domestic purposes, and any other use of the property that may result in dermal contact with subsurface soils and groundwater.

DuPont is also required to restrict access to this area and to notify EPA in advance of any excavation work in this 6-acre portion of the DuPont Experimental Station site.

## **Government Contacts**

Bob Greaves  
Chief RCRA Operations Branch 3WC23  
U.S. Environmental Protection Agency - Region III  
1650 Arch St.  
Philadelphia, PA 19103-2029  
Phone: (215) 814-3234  
Email: greaves.bob@epa.gov

Rachel Colella  
Environmental Scientist  
Delaware Department of Natural Resources and Environmental Control  
Solid and Hazardous Waste Management Branch  
89 Kings Highway  
Dover, DE 19901  
Phone: (302) 739-9403  
Email: [Rachel.Colella@state.de.us](mailto:Rachel.Colella@state.de.us)

## **Facility Contact**

Michael Liberati  
Project Director  
DuPont Corporate Remediation Group  
Barley Mill Plaza - Bldg. 27  
Lancaster Pike & Rt. 141  
Wilmington, DE 19805  
Phone: (302) 892-7421  
Email: [michael.r.liberati@usa.dupont.com](mailto:michael.r.liberati@usa.dupont.com)

For more information about Delaware Corrective Action Sites, including Environmental Indicators, please visit: <http://www.epa.gov/reg3wcmd/ca/de.htm>