

**Public Notice of EPA's Proposal to Issue a  
Hazardous Waste Permit Modification to Implement Corrective Action Remedies for the  
Acid Brook Delta Study Area**

**E.I. du Pont de Nemours & Company, Incorporated  
Pompton Lakes, New Jersey**

**EPA ID Number NJD002173946**

Public Notice Number: NJ-2011-01

Date: November 20, 2011

The U.S. Environmental Protection Agency ("EPA") is giving notice to the public that it plans to issue a proposed permit modification to the Hazardous and Solid Waste Amendments corrective action permit for E.I. du Pont de Nemours & Company, Incorporated, Pompton Lakes Works facility, Pompton Lakes, New Jersey ("DuPont PLW") to select and impose remedies for the Acid Brook Delta Study Area. The proposed remedies are dredging of contaminated sediment in the Acid Brook Delta and excavation of uplands soil in the vicinity of the Acid Brook discharge into Pompton Lake.

The public is encouraged to comment on EPA's proposal and may review documents about the proposed permit modification at the locations listed below. Written comments may be submitted to EPA at the address below and should be postmarked no later than January 13, 2012, the end of the public comment period.

A public hearing on this permit action, to be conducted pursuant to 40 CFR §124.12, will be held on January 5, 2012 at:

Time: 7:00 p.m.

Location: Pompton Lakes High School  
44 Lakeside Avenue  
Pompton Lakes, NJ 07442

The DuPont PLW facility occupies approximately 570 acres of land surrounded by mountainous areas to the north, Lake Inez (now drained) to the west and residential areas to the east and south. Two parallel valleys (Wanaque River and Acid Brook) run through the site north to south. Land use in the vicinity of the site is predominantly residential and commercial, but also includes undeveloped areas, an interstate highway (Route 287) and state-owned forest. The EPA corrective action permit was issued to DuPont in 1992 and remains in effect.

DuPont PLW conducted operations at the site from 1902 to April 1994 (when the facility ceased its operations). Products manufactured included explosive powder (e.g., mercury fulminate and lead azide) and finished products (e.g., detonating fuses, electric blasting caps, metal wires, and

aluminum and copper shells). The manufacturing operations and waste management practices resulted in contamination of the soil, sediment, and groundwater. The primary contaminants in the soil and sediment are lead and mercury. DuPont PLW's operation also contaminated the groundwater with chlorinated volatile organic compounds, such as tetrachloroethylene, trichloroethylene, cis 1,2-dichloroethylene, and vinyl chloride.

Due to releases of lead and mercury from its operation into Acid Brook, which flows through the eastern part of the facility and discharges into the Acid Brook Delta of Pompton Lake, the Acid Brook Delta sediment was impacted.

Between 1991 and 1997 Acid Brook was the subject of cleanup efforts that included remedial investigation, stream bed cleanup, and excavation of floodplain soil. The cleanup at the Acid Brook Delta in Pompton Lake is the specific focus of this permit modification. DuPont submitted a permit modification application in April 2011 to propose final remedies for the Acid Brook Delta.

The proposed permit modification is specifically for the Acid Brook Delta study area – just one of the areas of concern that DuPont must clean up at its PLW facility. As remedy selections are developed for the remaining areas of concern, the public will be notified at that time.

The Statement of Basis for EPA's proposed corrective action decision, the existing RCRA permit, proposed permit modification, and other relevant documents can be reviewed at:

Pompton Lakes Public Library  
333 Wanaque Avenue, Pompton Lakes, New Jersey  
(973) 835-0482  
<http://www.pomptonlakeslibrary.org/index.htm>

The administrative record and all relevant documents pertaining to the facility may be reviewed Monday through Friday from 8 AM to 4 PM at:

U.S. EPA RCRA Records Center  
290 Broadway, 15<sup>th</sup> Floor, Room 1538  
New York, NY 10007-1866  
(212) 637-3043

The proposed permit modification and relevant documents are also available at:

EPA website:  
[http://www.epa.gov/region02/waste/dupont\\_pompton/index.html](http://www.epa.gov/region02/waste/dupont_pompton/index.html)

and at:

New Jersey Department of Environmental Protection website:  
[http://www.nj.gov/dep/srp/community/sites/dupont\\_pompton\\_lakes/more\\_site\\_info.htm](http://www.nj.gov/dep/srp/community/sites/dupont_pompton_lakes/more_site_info.htm)  
Mindy Mumford, Office of Community Relations, (609) 777-1976

For additional information about the proposed permit modification and corrective action decision please contact Clifford Ng, Project Manager, EPA RCRA Programs Branch, at (212) 637-4113 or email: [ng.clifford@epa.gov](mailto:ng.clifford@epa.gov).

Written comments may be sent to the following individual and must be postmarked or e-mailed by January 13, 2012 to:

Mr. Adolph S. Everett, P.E.  
Chief, RCRA Programs Branch  
U.S. Environmental Protection Agency  
290 Broadway  
New York, NY 10007-1866  
email: [Everett.Adolph@epa.gov](mailto:Everett.Adolph@epa.gov)

After the close of the public comment period, EPA will consider all significant comments and decide whether to issue the proposed permit modification to impose the remedy selection at the Acid Brook Delta study area.