



# Community Update #32

## Pompton Lakes Study Area

### Pompton Lakes, New Jersey

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## Upland Soil Areas Excavation/Dredging

Community Update

January 2017

### **EPA CLEANUP ACTIVITIES**

#### **Basic Site Information—2016**

The scope of work in 2016 involved excavation and removal/disposal of soil containing mainly mercury and lead in the Uplands Soil Areas. Mechanical dredging of two areas totaling approximately 3 acres (Island Area and Area A) as well as processing/off-site disposal also was performed. The work was performed by The Chemours Company FC, LLC. with EPA/NJDEP oversight.

#### **Borough of Pompton Lakes**

<http://www.pomptonlakes.gov.com>

#### **Questions? Please Contact:**

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EPA's 32nd update to inform the community of the progress of activities related to the portion of the Pompton Lakes Study Area known as the Upland Soil Areas and the 3 acres of the lake (designated Area A and the Island Area) that was dredged will be the final update until dredging activity resumes in the Spring 2017.

#### **ACTIVITIES COMPLETED/ACCOMPLISHMENTS - 2016**

- ◆ Approximately 28,810 cubic yards (CY) of impacted soil/sediment were excavated/dredged, processed and disposed off-site.
- ◆ Approximately 4,680 CY of the aforementioned total was impacted sediment dredged from the Acid Brook Delta (planned work for 2017) to create an access channel to transport dredged sediment from the Island Area/Area A to the processing area. The access channel was needed due to the unusually shallow depth of the lake during the Summer of 2016.
- ◆ The volumes disposed off-site involved transport of 1,955 loads of impacted material.
- ◆ Over 30,000 safe man-hours logged with no injuries/incidents.
- ◆ No exceedances of action levels related to perimeter dust and mercury air vapor monitoring.
- ◆ No exceedances of action levels for turbidity monitoring in the lake.
- ◆ Treated water from dredged sediment discharged under an NJDEP permit has met discharge criteria listed in the permit with the exception of one discharge event.

#### **ANTICIPATED ACTIVITIES - WINTER 2016/2017**

- ◆ Continue to treat/discharge remaining water from site operations per NJDEP permit requirements.
- ◆ Removal of equipment that is not needed for 2017 work.
- ◆ Complete site reconfiguration for 2017 work (e.g. internal site roads/installing equipment) to accommodate hydraulic dredging that will occur in 2017.
- ◆ Installation of energy supply to the site for sediment processing equipment to support hydraulic dredging.
- ◆ Continue routine inspection of site and work areas per approved permits and for safety purposes.
- ◆ Update the implementation schedule for 2017 work.



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## Upland Soil Areas Excavation/Dredging

Community Update

January 2017

### EPA CLEANUP ACTIVITIES

#### Basic Site Information—2017

The scope of work in 2017 involves the hydraulic dredging of approximately 36 acres of that portion of Pompton Lake called the Acid Brook Delta (ABD). The work is being performed by The Chemours Company FC, LLC. with EPA/NJDEP oversight.

#### Borough of Pompton Lakes

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### PROJECTED ACTIVITIES - 2017

- ◆ Finalize installation of the hydraulic dredging processing and water treatment systems to dredge the Acid Brook Delta (ABD).
- ◆ Complete ecological layer placement in the Island Area and Area A—weather conditions prevented completion of this activity in 2016.
- ◆ Excavate remaining soil from Area A1 in Uplands Soil Area - less than 1 CY that could not be excavated in 2016 due to presence of a sewer pipe.
- ◆ Install turbidity curtain and perform fish relocation associated with dredging of the ABD.
- ◆ Complete hydraulic dredging and ecological layer placement with the approximately 36-acre ABD.
- ◆ Perform turbidity and air perimeter monitoring in accordance with the EPA-approved Work Plan.
- ◆ Field oversight by EPA.

### COMMUNITY ENGAGEMENT ACTIVITIES—2017

- ◆ Notification/public availability session for residents prior to initiation of 2017 fieldwork.
- ◆ Weekly availability at Boro Hall by EPA's Community Involvement Coordinator and Project Manager to answer questions/address resident concerns.
- ◆ Preparation of Weekly Community Updates to track the status of activities during the course of the fieldwork.

### ***SPECIAL NOTE:***

***EPA wants to thank local officials and the residents of Pompton Lakes for their patience and cooperation during the course of the work performed in 2016! The work was implemented safely and effectively by Chemours and their contractor, Severson Environmental Services with Federal/State and Local oversight.***