



The following information is in response to community input received at the July 20 Acid Brook Delta Remediation and Restoration program poster sessions. For more information on the program, please visit www.pomptonlakesworks.com.

Community Input:

1. I was hoping to see an irrigation system along Lakeside Avenue to aid with plantings. Would that be possible?

DuPont will work with the Borough of Pompton Lakes to explore the opportunity to install an irrigation system that could serve both the restoration and existing park plantings.

2. Why is no swimming planned?

The dredging project addresses the sediment in the Acid Brook Delta Area. Swimming is mainly impacted by the water flowing into the lake from the Ramapo River. A 2007 report by the New Jersey Department of Environmental Protection (NJDEP) regarding the Total Maximum Daily Load (TMDL) indicate that the existing lake water quality is degraded by nutrient loading. Much of the total phosphorous loading to the Ramapo River and Pompton Lake originates from the upper watershed (Quantitative Environmental Analysis,

LLC [QEA], 2005). The NJDEP TMDL Study also states that fishing is restricted in Pompton Lake because of mercury, dioxins, PCBs, DDX, and chlordane. The condition of Pompton Lake is a watershed issue and does not significantly change by dredging the delta area. The dredging does not address the watershed input of phosphorus, mercury, dioxins, PCBs, DDX, or chlordane.

3. Additional parking is required for added pedestrian traffic that is solicited by the lake restoration. I live on the corner of Lakeside Avenue and Chalen Court and have high traffic/parking now generating a lot of trash and garbage. How are students/pedestrians to walk on Lakeside during construction?

The sidewalk from Lakeside Park to Mandeville Street will remain open as much as safely possible. At Mandeville Street, we will recommend the installation of a crosswalk so the children can cross Lakeside Avenue to walk the

remainder of the way to school using the sidewalk on the north side of Lakeside Avenue. The sidewalk between Lakeside Park and Mandeville Street will most likely require closure for safety reasons some time during the project. We will try and schedule this work for non school days or provide another option for the children to get to school.

Although upgraded walkways in the area of the Lakeside Avenue Park were included as part of the restoration plans, there are no new walkways proposed for Lakeside Avenue Park. We recommend that maintenance and parking issues be addressed with the Borough of Pompton Lakes Council.

4. More vegetated areas on slopes/grades rather than mowed grass to filter run-off. Please post posters online.

In keeping with the public survey results collected during Pompton

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Day 2010, the restoration plan aims to balance desires to include an abundance of native vegetation plantings and additional public access near the lake.

The posters have been posted to the project website at pomptonlakesworks.com.

5. The closing of the boat ramp is going to peeve a lot of people. Additionally, it's in poor condition. How do you propose mitigating damage to the boat ramp?

Based on the current program schedule, which depends on obtaining the required permits, the boat ramp will be closed to facilitate the installation of the sheet pile wall. We expect the installation of the sheet pile wall to occur prior to May 2012, and construction will last approximately one month. If the boat ramp needs to close temporarily during the removal of the sheet pile wall, we expect this will happen sometime after mid-November 2012. Our contractor will be responsible for mitigating any damage to the boat ramp caused during the project.

6. How high above the water will the sheet piling be? What will you do in flooding situations?

It is currently anticipated that the top of the sheet pile wall will be installed to a height of approximately two to three feet

above the mean water surface elevation. The majority of flow within Pompton Lake is associated with the Ramapo River and the only input into the area contained by the sheet pile wall will be from Acid Brook (flows within the Brook are a small component of overall flow).

However, as a precaution, the sheet pile wall will also be constructed with a window (set at the 100 year flood level elevation) to allow water to pass through this section. This will help mitigate high water events and the effect on water levels within the sheet pile area. In the event of heavy rains or potential flooding scenarios work will be halted and equipment will be secured within the area as necessary.

7. Will you have a 24 hr. hotline for reporting problems/concerns?

DuPont will have a telephone number so the public can call to report problems or concerns related to dredging operations. The number will be operated 24 hours per day.

8. Will there be any impact on silting from the sheet piling?

Bathymetric surveys were performed in Pompton Lake in 1993, 2003, and 2007. Comparison of the 2007 survey against the surveys performed in 1993 and 2003 indicate that there has been very little change over the 14-year period in the lake bottom elevation, which

indicates minimal silting. Since the project will occur over a short duration (1-2 years), potential impacts, if any, will be negligible.

9. What will happen to the swans and other wildlife?

Permits issued to complete the remediation by the New Jersey Department of Environmental Protection (NJDEP) require that fish within the work area will be relocated within Pompton Lake. Other wildlife (including swan) are expected to disperse away from the work area on their own. The required aquatic, wetland, and upland areas restoration and supplemental enhancement efforts will provide abundant opportunity for wildlife to make use of the renewed habitats following site remediation.

10. How will the trucks get in and out of the work area?

The truck route has not been identified as of this date. We will propose the route(s), that keep safety in mind and minimizes disruption to the community, to the Borough Police Department and Planning Board for consideration and approval.

11. Will trees be removed from the uplands soil area?

Only those trees necessary to complete remedial efforts will be removed. Additionally, those trees that are considered to be invasive

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species (e.g., Norway maple) will be removed. Restoration will include a range of tree sizes. Ornamental trees in Rotary Park are being evaluated for potential transplanting during the remedial effort and then replanted in the park during restoration.

12. Is there any testing planned after the dredging?

Testing following dredging activities will include the collection of survey data to confirm that the target removal depths have been achieved. Similarly, a survey conducted by an independent licensed professional will also be performed after completion of the eco-layer placement to verify that the target thickness has been achieved throughout the Acid Brook Delta Area.

13. How stable will the eco-layer be—particularly where the brook discharges?

A circulation study conducted for the project area shows that even during flood events (i.e., 100-year flood), flows and higher velocities that could cause scour are concentrated in the main channel of the Ramapo River and not in the project area or near where the brook discharges. These conditions are expected to be unchanged as a result of the project. Acid Brook will be restored so that discharge does not cause degradation or erosion of the stream or lake bed.

14. How will you know when it is ok to remove the sheet pile?

The sheet pile will be installed prior to removal activities, and will remain in place until completion of the eco-layer placement activities. Eco-layer placement activities are anticipated to occur for approximately two months after completion of dredging activities.

15. Who will make the decision on the type of dredging and processing?

DuPont will make a recommendation to the U.S. Environmental Protection Agency (EPA) on the type of dredging and sediment processing and EPA will make the final decision.

16. What is the cost of particle separation and compression compared to solidification?

There is little cost difference between hydraulic dredging with particle separation and compression compared to mechanical dredging and solidification based on the technical proposals received from qualified contractors.

17. Can the sand and gravel from the sediment removal process be re-used? If so, where will it be taken?

Following separation operations, sand and gravel removed from the lake sediment could be tested and material that meets regulatory beneficial reuse

standards could be reused at other locations with approval from the regulatory agencies.

18. What will be done to prevent a fuel spill in Pompton Lake?

The construction contractor will be required to prepare a detailed spill prevention, control and countermeasures plan that will describe procedures that will be followed to prevent fuel spills. The plan will also describe contingency measures to be implemented in the unlikely event that a spill does occur.

19. What will be done to prevent children from trespassing into the work area after work hours?

DuPont will install a security fence around the work area, and a security officer will be on site during non-working hours.

20. Will there be any trucks, vehicles idling in front of my house?

Trucks will be staged outside of residential areas and will only be called to the work area (by radio) when they are needed.

21. Will EMS be involved in your rescue plan... if a worker on the lake gets hurt how will you get them to land?

Emergencies will be coordinated through the local 911 emergency response agencies. An emergency response boat will be located at

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the work area and will be used for transporting workers to shore.

22. How are you going to monitor for odors and how do you mitigate them?

Odors will be monitored by a technician dedicated to conducting the air, noise and water monitoring. Although odors are not expected to be prevalent, there is a possibility of short-term odors during the excavation of near shore sediment. Engineering controls and/or work flow modifications will be considered to address potential odors.

23. Who will be responsible for the maintenance of the restoration elements including the public area enhancements?

DuPont will monitor the restoration elements for a three to five year period as required by permits, and ensure that plantings installed as part of the restoration are fully established. DuPont will also work with the Borough of Pompton Lakes to help facilitate the long-term maintenance of the area.

24. What material will be used to pave the public paths along the proposed restoration area so they are suitable for baby strollers?

Recent improvements at Borough of Pompton Lakes parks have included the use of porous concrete. The final program design will evaluate the use of this product and others as suitable alternatives for a wide range of path use.

25. When will the project start and when it will end? What will that mean for access to the park and impact on Pompton Day?

We expect the project to begin in 2012 once we have received the required permits from the state and federal regulatory agencies and the Borough. The length of the project depends on whether mechanical or hydraulic dredging is selected for sediment removal. Mechanical dredging could take approximately two years and hydraulic dredging could take approximately one year.

Lakeside Avenue Park will be open during Pompton Day 2012. However areas along Lakeside

Avenue, including Rotary Park, will be closed during the length of the project. DuPont will coordinate with the Borough to ensure measures are taken to minimize impacts during Pompton Days.

26. What will be done to protect/replace the memorial benches that are located in the park?

There are two dedicated memorial benches. These benches will be saved and reinstalled in approximately the same location during restoration efforts.

27. Are you putting in a new foot bridge at Acid Brook and Lakeside Avenue?

A new foot bridge is not part of the remediation and restoration project.