



Triadelphia Sediment Removal Project

When will the project take place?

The project's anticipated start date is mid-July and is dependent on securing state permits. Once the water level in the drinking-water reservoir is lowered and construction equipment is in place, the project will take 4 to 5 months to complete, weather permitting. Most work will occur during weekday daylight hours (not starting before 7:30 am). If needed, weekend work may occur.

What exactly is being done?

Barges with cranes will be deployed from the Greenbridge boat ramp to remove 18,500 cubic yards of sediment in the reservoir, which has reduced the drinking-water storage capacity (from 7.2 to 6.4 billion gallons). The removed sediment will be loaded into dump trucks and transported to the Pig Tail recreation area, where it will be spread and allowed to dry for about a year. Earth berms will be constructed around the perimeter of the open field area at the northern part of the Pig Tail recreation area. Water will flow from and off the mud toward various stone weirs in the berms, allowing water to leave the site but not sediment. Several areas to spread the sediment will be used to keep the sediment from concentrating in any location.

How will the recreation areas be impacted?

Due to lower reservoir levels, all boat ramps on Triadelphia Reservoir will be closed, and no boating will be allowed. Additionally, the Greenbridge and Pig Tail recreation areas will be closed to ensure public safety due to the construction activity. As a result, shoreline fishing will only be available at Big Branch and Triadelphia Recreation areas. Recreational activities on T. Howard Duckett Reservoir will not be impacted.

How will my neighborhood be impacted?

Residents can expect 15 to 25 daily dump truck round trips between Greenbridge and Pig Tail recreation areas during work hours. Trucks will follow all posted speed limit signs and drive along the following roadways: Greenbridge Rd, New Hampshire Ave., Brighton Dam Rd., Highland Rd., Triadelphia Mill Rd., and Greenbridge Rd. (see map) Trucks will be lined to reduce sediment leaking during transport. Minimal noise is expected from the trucks traveling along the route and around the recreation areas. There will also be construction equipment at the Pig Tail recreation area to spread the sediment.



Why is this being done now and not when the reservoir was closed for the Brighton rehabilitation project?

Unfortunately, when we lowered the reservoir water level in 2017 to work on the intake structure at the dam, we found large amounts of sediment around it. We removed as much as possible (a couple of hundred truckloads) but didn't have the equipment to reach it all. This project will remove the remaining sediment around the intake structure and sediment that has accumulated upstream of the dam since its original construction in the 1940s.

Questions?

Contact the project manager, John Kasprzak, at 301-206-8554 or john.kasprzak@wsscwater.com or visit www.wsscwater.com/Triadelphia to submit a question.