

Highland Park Pump Station

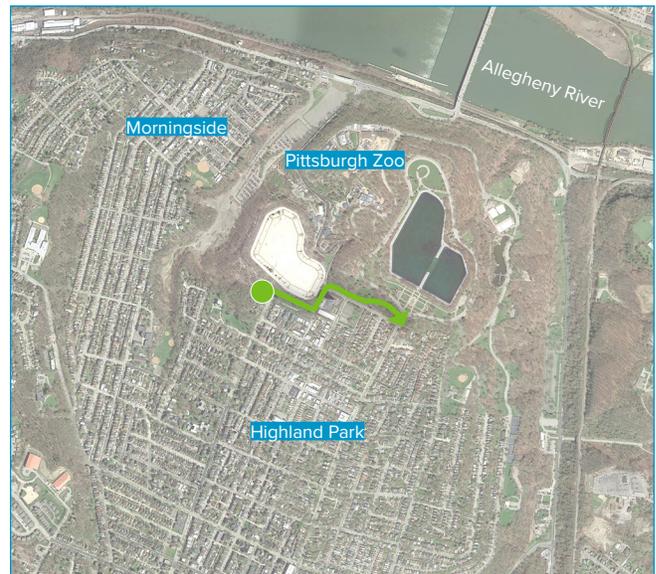
This project will replace the existing Highland-Garfield Pump Station, will add a new rising main to connect to the Highland Reservoir service area, and will add new pumping capability to serve the Highland Reservoir service area. This is an important component of PWSA's 2017-2021 Capital Improvement Plan (CIP).

Project Summary

Pittsburgh Water and Sewer Authority (PWSA) is currently developing plans for the construction of a new 50 million gallons per day (mgd) drinking water pumping station located in the Highland Park area of the City of Pittsburgh. This pump station will replace the existing pumping station that was used to supply water to the Garfield Tank water supply system. Due to the age of the equipment and unsafe operating conditions that made its operation unreliable, PWSA had to cease the operation of this pumping station and install a temporary pumping station located in the sea crate next to it.

In addition to the pumps that will deliver the water to the Garfield Tank water supply system, the new pumping station will house pumping equipment that will provide a supplemental and redundant supply of drinking water to the Highland 1 reservoir water district. This will ensure an uninterrupted and reliable water supply to over one-third of the City of Pittsburgh's customers.

The pumping station will be located behind the existing pumping station at the end of North Negley Avenue. The existing pumping station will be demolished. In order to connect the new pumping station to the Highland 1 Reservoir water supply system, a new 48-inch rising main will be constructed. The alignment of the rising main will be in the general area of the Mellon Terrace; Bunkerhill Street with the connection at Bunkerhill Street and Highland Avenue, near the upper entrance to Highland Park.



Aerial view of the Highland Park Pump Station project area.
Source: Google Earth