



City of Seattle

Mike McGinn, Mayor

Seattle Public Utilities

Ray Hoffman, Director

Construction Project

Midvale Stormwater Facility

Project Fact Sheet (June 2011)

Seattle Public Utilities (SPU) will construct a stormwater facility on a 1.8-acre commercial site in north Seattle that has a history of flooding during heavy storms. The facility will be located at 10735 Stone Ave N, a few blocks northeast of the intersection of Aurora Ave N and Northgate Way.

The project will greatly reduce the potential for localized flooding, and will provide water quality treatment to reduce the amount of pollutants entering Lake Union. Stormwater runoff from a 1,120-acre basin currently flows into a public storm drain adjacent to the project site during large storms. The project is being designed to hold up to a 25-year, 24-hour level of storm, which is the city standard for drainage projects. Therefore, it will reduce, but not eliminate the potential for flooding during very large storms.

SPU plans to demolish the existing warehouse and light-industrial structures (Pioneer Building Supply, Pacific Rainier Roofing, Custom Homes, Quonset Hut), remove the existing pavement, and excavate a 7-foot deep depression, then add plantings and grass to beautify the site. During heavy rainfall events, this depressed area will temporarily fill with an additional 7-feet of water (almost 3 million gallons). The stormwater storage will start to fill when the existing storm drainage system on Midvale Ave N starts to backup. The temporary water stored at the site will drain within a few hours after the end of the storm. According to our modeling results, this may occur a few times each decade.

At the bottom of the depression, SPU will construct a 3-5 foot deep year-round water quality pond. This pond would receive some stormwater every time it rains. As stormwater flows through the pond, sand and silt will settle to the bottom of the pond. The pond helps to collect pollutants before stormwater reaches Lake Union. Once every decade or so, the pond is anticipated to be drained and the accumulated sediments removed.

The project site will include native trees, shrubs and grass. More than 600 ft of new sidewalk, curb, and planting strip will be constructed along the east and west sides of the project site. A new drainage pipe from Stone Ave N and N 107th St to the site will be constructed. The project is also expected to include underground utility improvements, new storm drain pipes, vaults to convey water into and out of the facility, and a pre-treatment vault to remove sediment and trash from the stormwater.

The estimated total project cost is \$10 million, approximately half the funds have been used for property purchase. The timeframe for the project design is mid-2010 through mid 2011. Construction is currently scheduled for late 2011 – mid 2012.

If you have questions or comments please contact: Chris Woelfel, Project Manager, Seattle Public Utilities at 684-7599 or chris.woelfel@seattle.gov.

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