

General Information

Any project inquiries should be in writing and directed to the Project Manager at:

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Background

1. The main drainage pipe to the Lower Duwamish Waterway is underwater during high tide. This causes water to back up in the drainage system and sometimes flow back out of inlets and catch basins, flooding the neighborhood.
2. Not all streets in the area have a drainage collection system. Drainage improvements in the area will not provide full flooding relief until the flood control pump station is installed so that the pipes can drain at high tide.
3. Many private properties in the basin do not have drainage pipes connected to the public drainage system. Some properties are lower than the street or there is no collection system in the street to connect to.
4. Construction of the flood control pump station will provide the opportunity for a regional water quality facility to remove pollutants from stormwater runoff reaching the Duwamish River, which has been identified as a high priority for cleanup by multiple agencies. The water quality facility is included in the Integrated Plan, which is being proposed as a component of SPU's compliance with the Consent Decree.

Project Scope

Water Quality Facility: From the flood control pump station, stormwater will be sent through the facility where it will be treated to remove a variety of pollutants that are common in urban runoff. The stormwater will be released through the existing outfall to the waterway. Seattle Public Utilities is considering a number of active treatment systems at this time. The Options Analysis phase of work will include pilot testing of treatment systems, as well as selection of facility size (flow capacity), operational strategy, hydraulic modeling, electrical requirements, permitting evaluation, preliminary facility layout to define the basis of design. A business case evaluation will be required to recommend a preferred option.

Design of the water quality facility will be coordinated with ongoing design of the flood control pump station.

Contracting Opportunities

The consultant contract opportunity will be announced on <http://consultants.seattle.gov/>. The construction contract opportunity will be advertised on <http://www.seattle.gov/contracting/construction.htm>

| Schedule | Target Date |
|--------------------------|-------------|
| Consultant Advertisement | 3Q 2015 |

South Park Water Quality Facility

| Schedule | Target Date |
|----------------------------|------------------------------|
| Construction Advertisement | Dependent on Option selected |

Project Site

