

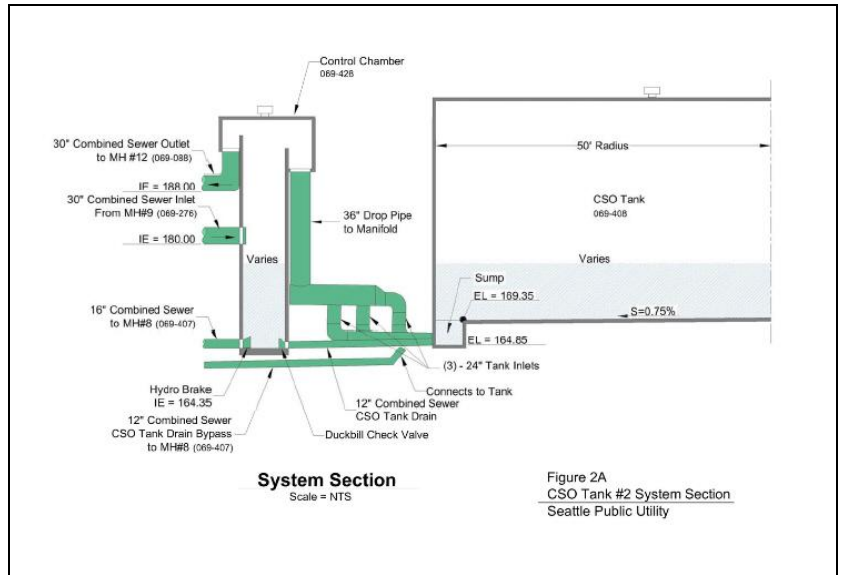
General Information

The Delridge CSO Retrofit Project is announced on the following website:

<http://consultants.seattle.gov/>

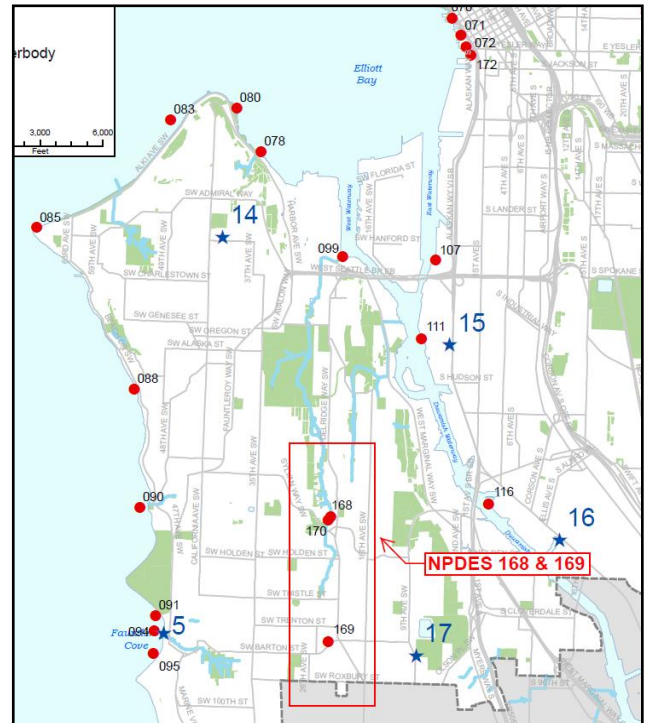
Any project inquiries should be in writing and directed to:

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Background

Seattle Public Utilities (SPU) Combined Sewer Overflow (CSO) National Pollutant Discharge Elimination System (NPDES) permit requires that SPU complete construction of modifications to the CSO control facilities at NPDES 168 and NPDES 169 by November 1, 2015. NPDES 168 and NPDES 169 are located in the Longfellow/Delridge basin in southwest Seattle. The two storage facilities, each 1.6 million gallons in size, are the City's largest CSO storage and control facilities. The facilities were constructed in 1982, and were among the first CSO facilities built by the City. Overflows from each facility have continued to exceed a long-term average of one overflow per year despite being sized to store a 10-year design event. Historically each facility overflows between 1 and 4 times per year. Overflows from the facilities spill into Longfellow Creek. The facilities are the only CSO's in the city that discharge to a stream. The public health risk of these combined sewer overflows is considered to be greater than any other in the city because of the risk of direct contact with sewage and other pollutants.



The Delridge CSO Retrofit Project addresses the following problems and opportunities at NPDES168 and NPDES169.

- CSOs from NPDES168 and NPDES169 spill into Longfellow Creek. The public health risk of these overflows is considered to be greater than any other in the city because of the risk of direct contact with sewage and other pollutants.

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- Historically, the CSO storage and control facilities at NPDES 168 and NPDES 169 have not performed as they were designed to perform. Specifically, the HydroBrakes in each facility are overly restrictive, which results in excessive use of storage and frequent overflows.
- The automated cleaning systems in each facility are inadequate and no longer used. Consequently, regular maintenance of the facilities is resource intensive and costly.
- The 2010 CSO Reduction Plan and the 2011-2015 NPDES Permit require that improvements be completed at NPDES168 and NPDES169 by November 1, 2015 to reduce CSOs and meet water quality standards.

Project Scope

At this time SPU and the City do not have sufficient in-house labor resources to provide the engineering services that are required to complete the Delridge CSO Retrofit Project. Therefore, SPU is seeking proposals from engineering services consultants with expertise in hydrologic & hydraulic modeling, hydraulic analysis, project development, preliminary engineering, design engineering, and construction support services. This contract will be for phased engineering services as needed to supplement SPU staff. The first phase of the contract will be for Options Analysis/Preliminary Engineering, and will result in a Preliminary Engineering Report (PE Report) and materials that are required to support completion of Stage Gate 2 (SG2). The Options Analysis will entail refinement of the options developed during the Initiation phase into alternatives defined at a feasibility/preliminary engineering level (approximately 10-15% design) and an AACE Class 4 level cost estimate for each alternative. SPU will select a preferred alternative at the end of Options Analysis. Assuming completion and approval of SG2, as well as satisfactory performance by the consultant, it is SPU's intent to amend the contract. The second phase may include, but will not necessarily be limited to, design services and engineering services during construction as needed to supplement SPU staff. The second phase of the contract will result in 30%, 60%, 90%, and 100% (Final) design submittals, and construction support services.

Contracting Opportunities

The Request for Proposals for the Delridge CSO Retrofit Project will be advertised as follows:

Schedule of Events	Advertisement Date
RFP	2/17/2012
RFP	2/21/2012