

East Montlake Pump Station and Force Main Upgrade SEPA Determination of Non-Significance (DNS)

Description of Proposal

In some areas of the City of Seattle, sewage and stormwater runoff are collected in the same pipes, known as combined sewers. During storm events, sometimes the flow in these pipes exceeds the sewer system capacity. When this occurs, the system overflows at an outfall structure designed for this purpose. There are currently 84 outfalls in the City of Seattle where combined sewer overflows (CSOs) can occur. To comply with State and Federal requirements, SPU must limit the number of CSOs at each of these outfalls to an average of no more than one per year based on a 20-year moving average. Combined sewer Basin 20 in the Montlake area currently exceeds this performance standard, averaging 2.4 CSOs per year. The goal of this project is to reduce the frequency of Basin 20 CSOs.

Basin 20 is approximately 60 acres in size, is located in the eastern portion of the Montlake area, and is bisected into northern and southern regions by State Route 520 (SR 520). Combined sewage from Basin 20 flows by gravity to PS 13, located in East Montlake Park, east of Montlake Boulevard E and on the south side of the Lake Washington Ship Canal. PS 13 lifts the flows through a force main and to a connection into the King County system.

During wet weather, when flows exceed the pump station capacity, excess flows are diverted into two offline storage pipes located upstream of PS 13. If the flows exceed the capacity of these offline storage pipes, a CSO occurs: the excess sewage spills over a series of weirs and flows through CSO Outfall 20 into Lake Washington Ship Canal at the northeast corner of East Montlake Park. When flows diminish, the storage pipes drain to the PS 13 wet well.

The proposed project includes the following improvements:

- Install a bypass vault to allow full bypass of PS 13 during construction or maintenance activities
- Increase peak pumping capacity at PS 13 from 1.3 million gallons per day (MGD) to 2.8 MGD by replacing the existing pumps
- Replace all infrastructure within the pump station (grating, controls, valves, piping, appurtenances)
- Upgrade the electrical systems and equipment, including the equipment that allows connection of a portable emergency generator as necessary
- Upgrade ventilation, electrical and SCADA systems to meet fire and electrical codes
- Complete minor structural modifications and seal the door between the dry well and wet well
- Install a dedicated wet well access hatch
- Install a dedicated dry well pump access hatch
- Provide lead paint abatement and new coatings within the pump station structure
- Install new flow meters
- Modify the overflow weir that controls CSOs if necessitated by pump modifications
- Replace the existing 8-inch diameter force main with a 12-inch diameter force main that includes inspection and cleaning access points.
- Replace or rehabilitate the existing gravity combined sewer mainline, from the Shelby St maintenance hole (terminus of the force main) to King County's SW Lake Washington Trunk line
- Restore and improve the right-of-way as needed, including a concrete walkway to achieve American with Disabilities Act (ADA) compliance

While the pump station upgrades are constructed, a temporary bypass system would divert combined sewer flows around PS 13 to the downstream maintenance hole. The temporary bypass system would be designed to maintain performance similar to or better than the existing facility, with regard to anticipated CSO frequency.

Proponent

Seattle Public Utilities
Seattle Municipal Tower Suite 4900
P.O. Box 34018
Seattle, WA 98124-4018

Location of Proposal

The project area is located along East Shelby street (between Montlake Boulevard and East Park Drive E) and in East Montlake Park at 2802 East Park Dr. E; parcel #5605000646 in Section 21, Township 25 North, Range 04 East.

Lead Agency

Seattle Public Utilities, the lead agency for this proposal, has determined that it does not have a probable significant adverse impact on the environment. An environmental impact statement (EIS) is not required under RCW 43.21C.030(2)(c). This decision was made after review of a completed environmental checklist and other information on file with the lead agency. This information is available to the public on request.

This Determination of Non-Significance (DNS) is issued under WAC 197-11-340(2); the lead agency will not act on this proposal for fourteen (14) days from the issuance date below.

A copy of the environmental checklist is available at:

- Seattle Public Utilities, General Manager/CEO's Office Main Reception Area, Seattle Municipal Tower, Suite 4900, 700 Fifth Avenue, Seattle, Washington
- Seattle Central Library, Public Review Documents, Level 5 Reference
- Online at <http://www.seattle.gov/utilities/environment-and-conservation/projects/east-montlake-pump-station>

Public and Agency Comments

Comments on this DNS must be submitted by June 3, 2019 and must be sent to:

Betty Meyer, SEPA Responsible Official
Seattle Public Utilities
Seattle Municipal Tower, Suite 4900
P.O. Box 34018
Seattle, WA 98124-4018
betty.meyer@seattle.gov

Signature: _____


Betty Meyer

Issue Date: May 20, 2019

Appeals

Appeals of this DNS must be accompanied by an \$85.00 filing fee and must be filed by 5:00 p.m. on June 10, 2019. Delivery of appeals filed by any form of USPS mail service may be delayed by several days. Allow extra time if mailing an appeal.

- Written appeals must be sent to:
City of Seattle Hearing Examiner
700 5th Avenue Suite 4000
P.O. Box 94729
Seattle, WA 98124-4729
- Appeals can be filed electronically. Details on electronic filing procedures are available under “e-File” at the Office of the Hearing Examiner’s web site: <http://www.seattle.gov/examiner/>
- Filing fees must be paid by the appeal deadline and can be paid *via* check (made payable to the City of Seattle) or credit/debit card (Visa and MasterCard only). Credit/debit card payments can be made in-person or over-the-phone.
- You should be prepared to make specific factual objections. Please refer to the Hearing Examiner Rules of Practice and Procedure for rules that govern appeals. These rules are available on the Hearing Examiner’s website at www.seattle.gov/examiner/rules-toc.htm or by calling 206-684-0521.