

CITY COUNCIL REGULAR SESSION

Resolution ratifying the Emergency Declaration (date 9/17/2021) of the City Manager for the emergency bypass and replacement of a pressurized sewer line within Lake Hills Pump Station No. 12, located at 365 Lake Sammamish Parkway, Bellevue, WA 98008; and ratifying an emergency contract with Accord Contractors, in the amount of \$252,250, plus all applicable taxes, for the expedited bypass and replacement of the damaged sewer force main at Pump Station No. 12.

Nav Ota, Director, 452-2041

Linda De Boldt, Assistant Director of Engineering, 452-4625

Utilities Department

EXECUTIVE SUMMARY

This Resolution ratifies (1) the emergency declaration issued by the City Manager on September 17, 2021, for the emergency bypass and replacement of a pressurized sewer line within Pump Station No. 12; and (2) an emergency contract with Accord Contractors to install, operate, and maintain the sewer bypass pumping operations for the duration of force main replacement work; perform necessary site restoration work; and address other associated utility impacts. This work is needed to mitigate public health and safety risks, and threats to City infrastructure.

RECOMMENDATION

Move to adopt Resolution No. 10005

BACKGROUND/ANALYSIS

Lake Hills Pump Station No. 12, which is located at 365 Lake Sammamish Pkwy, WA 98008, serves approximately 860 households. This pump station was constructed in 1963 and is 58 years old.

In March 2021, the City discovered a leak in a section of 10-inch diameter steel pipe within the interior of Pump Station No. 12. The pipe had degraded to approximately 40 percent of its original thickness in the area of the leak. This section of pipe is difficult to repair or replace because it is under constant pressure. Given that the pump station was scheduled to be rehabilitated within the next two years, the City applied a temporary patch to the pipe and successfully abated the leak.

On September 14, City staff discovered that the patched section was leaking again, and more significantly than the previous March. If not addressed immediately, there is a real and imminent risk that the new leak will result in a pipe failure, causing pressurized sewage flows to flood the pump station up to ground level and render the station inoperable. As a result, approximately 250,000 to 300,000 gallons of untreated raw sewage would discharge into a nearby unnamed stream and Lake Sammamish every day the station is out of service.

To avoid the uncontrolled flow of raw sewage from this pump station, and to protect and preserve the surrounding environment, an emergency public works project to replace the failed pipe within the station is required, as well as the installation of a sewer bypass to maintain ongoing sewage services, while protecting against untreated sewage spilling into the nearby stream and subsequently into Lake Sammamish.

On September 17, the City Manager authorized a declaration of emergency due to this public health and safety hazard and threat to City infrastructure. Under the Emergency Declaration, the Utilities Department entered into a contract with Accord Contractors on September 27, for \$252,250, plus all applicable taxes. This contract includes installation of an emergency sewer bypass system, replacement of the damaged sewer force main within Pump Station No. 12, site restoration work, and other associated utility impacts. This work needs to be performed in an expedited manner to mitigate hazards and safety risks. Construction of the project has commenced in order to mitigate the risk of further damage.

POLICY & FISCAL IMPACTS

Policy Impact

Utilities Department policies

- The Utility shall identify sewer capital projects that ensure the continued provision of sewer services to our community.

Utilities Department practice

- Rehabilitate or replace deteriorated elements of the sewer system to ensure that utility customers are provided with consistent and reliable service. CIP Plan No. S-16 Sewage Pump Station Improvements has been designated to do this.

Bellevue City Code

- RCW 39.04.280 and BCC 4.28.130
 - Authorize the City Manager to waive competitive bidding requirements in the event of an emergency.
 - If a contract is awarded without competitive bidding due to an emergency, then staff is required to report the same to the City Council at its next meeting or within two weeks, whichever is sooner.
 - If a contract is awarded without competitive bidding due to an emergency, a written finding of the existence of an emergency must be made by the governing body no later than two weeks following the award of the contract.
- BCC 4.28.040
 - The City Council is required to approve contracts that exceed \$90,000.
- BCC 24.04.020 and 24.04.060
 - The City is charged with, among other things:
 - Providing for the planning, security, acquisition, design, construction, inspection, maintenance, management, operation and alteration of the public sewer system, including capital improvements.
 - Protecting the public interest in sewer related functions
- BCC 24.06.015
 - Protecting receiving waters or waters of the state from pollution, mechanical damage, excessive flows and other conditions, which may increase erosion, turbidity, or other forms of pollution, which reduce flow or which degrade the environment.

Fiscal Impact

The construction of the Pump Station No. 12 Pipe Replacement Project commits the City to a payment of \$252,250 plus all applicable taxes. The project will be funded through the Sewage Pump Station Improvements (CIP Plan No. S-16). There are sufficient funds available in the 2021-2027 CIP Budget to fund this contract.

OPTIONS

1. Adopt the Resolution ratifying the Emergency Declaration (date 9/17/2021) of the City Manager for the emergency bypass and replacement of a pressurized sewer line within Lake Hills Pump Station No. 12, located at 365 Lake Sammamish Parkway, Bellevue, WA 98008; and ratifying an emergency contract with Accord Contractors, in the amount of \$252,250, plus all applicable taxes, for the expedited bypass and replacement of the damaged sewer force main at Pump Station No. 12.
2. Do not adopt the Resolution and provide alternative direction to staff.

ATTACHMENTS & AVAILABLE DOCUMENTS

- A. Vicinity Map
 - B. CIP Project Description (S-16)
 - C. Declaration of Emergency
- Proposed Resolution No. 10005

AVAILABLE IN COUNCIL LIBRARY

N/A