



**LACEY CITY COUNCIL
WORKSESSION
THURSDAY, OCTOBER 17, 2019
7:45 – 8:15 P.M.
LACEY CITY HALL – 420 COLLEGE STREET SE**

AGENDA

- 7:45** **EMERGENCY RESOLUTION FOR WELL REHABILITATION**
SCOTT EGGER, PUBLIC WORKS DIRECTOR
(STAFF REPORT)
- 8:15** **ADJOURN**



LACEY CITY COUNCIL WORKSESSION
October 17, 2018

SUBJECT: Emergency Resolution in response to the October 2, 2019, pump failure at well-source 3 (well 3) combined with the reduction in specific capacity at well-source 7 (well 7).

RECOMMENDATION: Approve a Resolution declaring an emergency and authorizing the City Manager to enter into necessary contracts bypassing the competitive bidding requirements.

STAFF CONTACT: Scott Spence, City Manager *SS*
Dave Schneider, City Attorney
Scott Egger, Director, Public Works *SE*

ORIGINATED BY: Public Works

ATTACHMENTS: 1. [Resolution](#)

FISCAL NOTE: Public Works estimates that total cost to replace pumps and rehabilitate wells 3 & 7 will total approximately \$350,000

PRIOR REVIEW: None.

BACKGROUND:

On Wednesday, October 2, 2019, excessive vibration occurred in the pump at well 3, which necessitated the shutdown of the pump. The pump cannot be repaired and requires replacement.

Also on October 2, 2019, Public Works received a recommendation from a licensed hydrogeologist stating that rehabilitation of well 7 is necessary due to declining specific capacity in the well. The hydrogeologist went on to state that continued use of well 7 will result in declining specific capacity with continued growth of biofilm and mineral precipitates on the well screen, its filter pack and potentially into the formation. The hydrogeologist further stated that postponing rehabilitation of well 7 could potentially make restoring the specific capacity of the well more difficult.

To summarize, well 3 is currently off-line and requires a new pump and rehabilitation. Well 7 is currently on-line operating at reduced capacity and it requires a new pump and rehabilitation. It is critical that well 7 be taken off-line to replace the pump and rehabilitate

the well. Procuring and replacing pumps can take several months and well rehabilitation is a time consuming process.

Due to the reduction in water production within the water service area caused by the absence of these sources there is a substantial likelihood of risk to property if these sources are off-line during peak water demand season. Well 7 is our largest production well and provides the bulk of water to the 337 pressure zone during the demand season. The 337 pressure zone serves about 50% of Lacey. For this reason, the rehabilitation and replacement of pumps at well 3 and well 7 need to begin immediately in order to restore these wells full production capacity prior to peak water demand season. Therefore, staff recommends that the City Council declare an emergency in order to allow the immediate procurement of equipment, contracts, and services needed for pump replacement and well rehabilitation.

Due to the severity of this issue, it is recommended that the City Council approve the resolution declaring an emergency and authorizing the City Manager to enter into necessary contracts without following competitive bidding requirements pursuant to RCW 39.04.280(1)(c) and 39.04.280(1)(e). This declaration allows the City to waive competitive bidding requirements and award all necessary contracts on behalf of the City to address the emergency.

ADVANTAGES:

1. Waiver of the City's purchasing rules allows the procurement of equipment, contracts, and services necessary to effectively restore pumping capacity to well 3 and well 7 and eliminate the risk of property damage associated with reduced water production during peak demand times.

DISADVANTAGES:

1. None

RESOLUTION _____

CITY OF LACEY

A RESOLUTION DECLARING AN EMERGENCY AND AUTHORIZING THE CITY MANAGER TO ENTER INTO NECESSARY CONTRACTS BYPASSING THE COMPETITIVE BIDDING REQUIREMENTS.

WHEREAS, The City of Lacey operates a comprehensive water system which serves both Lacey and its Urban Growth Area; and

WHEREAS, well-source 3 (well 3) was taken off-line on October 2, 2019 due to excessive vibration in the pump; and

WHEREAS, well 3 will remain off-line until the pump is replaced and the well is rehabilitated; and

WHEREAS, recent testing by a licensed hydrogeologist shows a reduction in specific capacity in well-source 7 (well 7); and

WHEREAS, rehabilitation of well 7 is necessary due to declining specific capacity in the well; and

WHEREAS, the continued use of well 7 without rehabilitation will result in declining specific capacity with continued growth of mineral precipitates on the well screen, its filter pack, and potentially the formation; and

WHEREAS, continued use of well 7 without rehabilitation could potentially make restoring the specific capacity of the well more difficult; and

WHEREAS, the time required to purchase replacement pumps and rehabilitate wells 3 & 7 will take several months; and

WHEREAS, due to the reduction in overall water production caused by the shutdown of well 3 combined with the declining specific capacity of well 7 there is a substantial likelihood of risk to property unless immediate action can be taken to replace the pumps and rehabilitate the wells prior to peak water demand season; and

WHEREAS, RCW 39.04.280(1)(c) and 39.04.280(1)(e) provides that competitive bid requirements may be waived by the governing body of a municipality for purchases and public works in the event of an emergency.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF LACEY, WASHINGTON as follows:

1. Based upon the preceding legislative findings, the City Council hereby declares that the reduction in overall water production caused by the shutdown of well 3 due to pump failure combined with the declining specific capacity of well 7 constitutes an emergency.

2. Based upon the preceding legislative findings, and pursuant to RCW 39.04.280(1)(c) and (e), the competitive bidding requirements for the City of Lacey are hereby waived and the City Manager is authorized to enter into contracts and incur obligations necessary to purchase new pumps and rehabilitate wells 3 & 7.

PASSED BY THE CITY COUNCIL OF THE CITY OF LACEY, WASHINGTON,
this ____ day of _____, 2019.

CITY COUNCIL

By _____
Mayor

Attest:

Approved as to form:

City Clerk

City Attorney