



Staff Report

August 5, 2024 Council Workshop Meeting

2024 Additional Hydrogeologic Assistance

Presenter: Rob Charles, Utilities Manager

Time Estimate: 5 minutes

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BACKGROUND: There are a number of groundwater activities that the city needs to complete this year;

- 1) Abandon a well casing at 5440 SW 6th Avenue that wasn't put into production.
- 2) Assist with groundwater monitoring activities at Louis Block Park and east of the Port of C-W Parking lot on South A Street.
- 3) Aid the City with water rights including increasing pumping capacity at the City's lower well field and Well 13 locations, as well as moving Well 13 under the larger water right of the Lower Wellfield.
- 4) Finalize the Lower Wellfield groundwater pumping capacity report.
- 5) Review pumping characteristics of groundwater at the City's Lower Wellfield.

SUMMARY: Mott McDonald is a Hydrogeological firm that specializes in groundwater modeling, water rights and well development. Their proposal will address all of the tasks listed above.

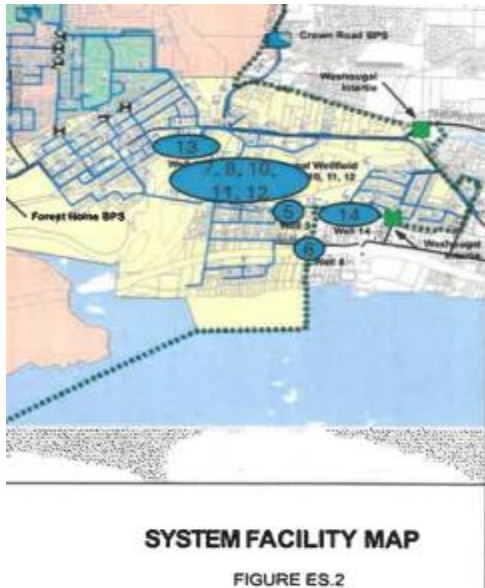


Figure 1: Lower Wellfield

BENEFITS TO THE COMMUNITY: Increased pumping capacity will allow the City to withdraw additional water from the Lower Wellfield, through either larger pumps, a new well, or a combination of both.

BUDGET IMPACT: \$65,840 is the cost of Mott McDonald’s proposal. \$17,754 of this contract has already been started due to the urgency of meeting with the Department of Ecology regarding water rights and the need to have the pumping characteristics on the groundwater completed during the summer months. The remaining portion of the contract which will need authorization will be \$48,086. There are sufficient funds in the water to cover these expenses.

RECOMMENDATION: Staff recommends that this item be placed on the August 19, 2024, Regular Council Meeting Consent Agenda for Council’s consideration.