



ENGINEERS MEMO

Special Meeting Date: September 27, 2022

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On March 26, 2022, at a Council work session, the City Engineer raised concerns and communicated complications related to the planned elevated reservoir site. These complications included:

- Construction obstacles such as very large boulders and timber
- Wetlands within the easement areas
- Growing material costs of the anticipated pipeline to serve the site
- Need for a special use permit through Lane County that is subject to neighborhood opposition
- Concerns about remote location of the site
- Elevation difficulties that would result in more costly infrastructure to maintain optimum operating pressures within the system.

Ultimately, City Staff and the City Engineer recommended to discontinue pursuing the planned reservoir site, and evaluate alternative sites for elevated storage within the City. At this same meeting, the City Council directed staff to perform a feasibility study for a water tower within the Highway Commercial or Light Industrial zoned areas, and evaluate the existing Sarah Lane water storage site for expansion.

Preliminary results of this feasibility study will be presented at the September 27th, 2022 special meeting of the Council.

What the Council can expect at the meeting is information regarding the existing Sarah Lane Reservoir site with some good news and restoration options. Additionally, they will have preliminary information regarding three different sites for elevated storage and different types of elevated storage with associated costs. What they will not be able to present is in-depth final information regarding the feasibility of the three sites. This is a result of challenges in collecting geotechnical information due to the inability to schedule a boring contractor that could complete a bore to the depth needed. This work has been scheduled, but will information not be available prior to the September 27th meeting.