

## FOR BOARD ACTION

Agenda Item # 4

Meeting Date:

8/28/12

**SUBJECT:** Proposed Replacement of 4<sup>th</sup> St SE Reservoir

**PREPARED BY:** Doug Rovang, Senior Civil Engineer

### ITEM DESCRIPTION:

Additional public input related to the 4<sup>th</sup> St SE Reservoir Replacement Project was received at the June 26<sup>th</sup> Board meeting.

RPU staff and the project consultant met with the Mayo Facilities Committee on June 29<sup>th</sup> to review the various Reservoir Replacement alternatives being considered, and to request Mayo reaction to the engineering consultant Alternative D3 recommendation for construction of a 3.5 million gallon reservoir to be located mostly on the Saint Marys Hospital parcel immediately west of Saint Marys Park. The Mayo Facilities Committee subsequently communicated to RPU a desire to maintain this parcel for future development plans. The Committee suggested that Mayo was open to discussions about possible use of a portion of the Mayo "Fullerton" site for the placement of a new water reservoir/tower. See Attachment 1 for a description of the property.

RPU staff met with Mayo Facilities Engineering staff in early August to discuss the potential for use of a portion of the "Fullerton" site for the replacement reservoir/tower. Mayo has since communicated to RPU staff that Mayo would consider leasing an area in the northwest corner of the "Fullerton" site for the construction of a Hydropillar. RPU requested the TKDA engineer to evaluate this proposal and provide a cost estimate.

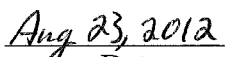
With the above information, the Board can now determine 4<sup>th</sup> St SE Reservoir Replacement alternatives it wishes to consider from the list below. (With Board direction, it is anticipated that staff would no longer consider a reservoir in the Saint Marys Park area.)

- 1) Alternative A2 - 2.0 mil gal reservoir at 4<sup>th</sup> St SE site (without enhancements)
- 2) Alternative A - 2.0 mil gal reservoir at 4<sup>th</sup> St SE site (with enhancements)
- 3) Alternative D3 - 3.5 mil gal reservoir in Saint Marys Park area
- 4) Alternative E2 - 2.0 mil gal Hydropillar in NW portion of Mayo Fullerton site
- 5) Alternative B - 2.0 mil gal Hydropillar (water tower) at 4<sup>th</sup> St SE site

Also, with the planned termination of power generation at the Silver Lake Plant site by the end of 2015, a possible fifth alternative would be the construction of a Hydropillar at the Silver Lake Plant site (previously evaluated and rejected by RPU staff):

- 6) Alternative SLP - 2.0 mil gal Hydropillar at Silver Lake Plant Site (includes 800'-12" watermain constructed on N. Broadway – Attachment 2.)

  
General Manager

  
Date

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### UTILITY BOARD ACTION REQUESTED:

This is a continuation of informational presentations from RPU staff and the engineering consultant related to the proposed 4<sup>th</sup> St SE Reservoir Replacement Project. Staff requests the Board select site alternatives for which additional public comments will be solicited before a final project alternative is selected.

\_\_\_\_\_  
General Manager

\_\_\_\_\_  
Date

**ROCHESTER PUBLIC UTILITIES**



**Reservoir Replacement Alternative E2** (Mayo Fullerton Property south of 4 St SE and west of 3 Ave SE)  
A 16" Watermain would be constructed north from the Hydropillar to 4 St SE.





**Reservoir Replacement Alternative SLP** (Silver Lake Plant along West Silver Lake Dr NE)

A 12" Watermain would be constructed on N. Broadway from 6<sup>th</sup> St south past Marigold.

Attachment 2

Proposed Replacement of 4<sup>th</sup> St SE Reservoir - 8/23/2012.