

## FOR BOARD ACTION

Agenda Item # 5

Meeting Date: 5/29/12

**SUBJECT:** Proposed Replacement of 4<sup>th</sup> St SE Reservoir (Board Update and Public Input)

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

### ITEM DESCRIPTION:

RPU staff and the project consultants reviewed the proposed project report at the CUDE public meeting on March 20. RPU staff reviewed the report at the March 21 Rochester Downtown Alliance (RDA) meeting. Since that time, RPU project related staff and the engineering consultants have evaluated two possible alternative replacement reservoir sites in the Saint Mary's Park SW area which were suggested during the March CUDE public meeting on the proposed project - one (D2) somewhat north of the original Alternative D site within Saint Mary's Park, and another (D3) located mostly on the Saint Mary's Hospital owned parcel immediately west of the Park. (See attached aerial photo.) Soil borings were done at the two locations in early April to determine bedrock information, and the project consultants verified that construction of a reservoir would be technically possible at either location. The consultants also prepared preliminary cost estimates for the D2 and D3 alternatives.

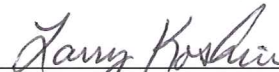
Staff met with Park and Rec Department staff at Saint Mary's Park on April 17<sup>th</sup> to review the two alternative reservoir sites. At the May 1, 2012, Park Board meeting, Park and Rec staff updated the Park Board on the various proposed reservoir replacement alternatives with information provided by RPU.

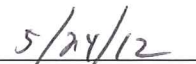
The General Manager requested and has received feedback from City Administration on Alternative A (2.0 mil gal replacement reservoir located at the existing 4<sup>th</sup> St SE Reservoir site) which has been provided to Utility Board members. The General Manager has also communicated with City Administration related to the Water Availability Fee (WAC) fund contribution for the additional 1.5 mil gal capacity portion of the reservoir replacement project.

The Letter of Map Revision (LOMR) application to revise the existing Zumbro River floodway limits at the existing 4<sup>th</sup> St SE Reservoir site was completed by Barr Engineering and sent forward to the Federal Emergency Management Agency (FEMA) for consideration. The LOMR determined that the South Fork Zumbro River Floodway should be moved closer to the River channel. Approval of the revised Floodway Boundary is necessary to permit construction of a replacement reservoir or a Hydropillar water tower or generally any other future construction at this site.

The Utility Board continues to evaluate these options:

- Alternative A - 2.0 mil gal reservoir in the 4th St SE site
- Alternative B - 2.0 mil gal Hydropillar (water tower) in the 4th St SE site
- Alternative C - 2.0 mil gal reservoir somewhere in the Saint Mary's Park "area"
- Alternative D2 - 3.5 mil gal reservoir in Saint Mary's Park (somewhat north of the original Alternative D location)
- Alternative D3 - 3.5 mil gal reservoir in the Saint Mary's Park "area" (north of the existing 1.5 mil gal reservoir which is located on Saint Mary's Hospital property)

  
General Manager

  
Date

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Staff and the project consultants will review the proposed reservoir replacement project and provide recommendations to the Board, following which there will be another opportunity for public input concerning the proposed project.

### UTILITY BOARD ACTION REQUESTED:

This is an informational presentation with an opportunity for additional public input. Continued Utility Board feedback is also requested, but no formal Board action is required at this time.

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

\_\_\_\_\_  
Date

