



DES MOINES WATER WORKS
Board of Water Works Trustees

Agenda Item No. III-F
Meeting Date: March 28, 2017
Chairperson's Signature Yes No

AGENDA ITEM FORM

SUBJECT: Request Authorization to Solicit Bids for Nitrate Removal Facility Process Residuals Pumping Station and Establish the Date of the Public Hearing as the Date of the April 2017 Board Meeting

SUMMARY:

- In May 2015, Des Moines Water Works was issued a new National Pollutant Discharge Elimination System (NPDES) permit for the Nitrate Removal Facility. The new permit included revised discharge limits that require an alternative disposal method for treatment residuals.
- In 2015, staff approached the Des Moines Metropolitan Wastewater Reclamation Authority (WRA) to discuss the possibility of discharging this waste to the sanitary sewer. After a year of discussions and negotiations, the WRA and City of Des Moines Public Works agreed to take the Nitrate Removal Facility process residuals and issued an industrial discharge permit.
- This request is for the one of two contracts that will be needed to complete the project. This contract will be for a pump station and the other contract will be for the piping from the station to the City of Des Moines sewer.
- Preparation of plans, specifications, and contract documents for the Nitrate Removal Facility Process Residuals Pumping Station is complete.
- The engineer's estimate for this contract is \$951,500.
- Staff recommends the Board to authorize staff to solicit bids for the Nitrate Removal Facility Process Residuals Pumping Station and establish the date of Public Hearing as the date of the April 2017 Board meeting.

FISCAL IMPACT:

Funds for this project will come from the 2017 Nitrate Regen. Waste Disposal to the WRA Work Plan. The 2017 Nitrate Regen. Waste Disposal to the WRA Work Plan has budgeted funds for contracted work of \$2,400,000. Based on the cost estimate for the Nitrate Facility Process Residuals Force Main project and our cost estimate for this project, our obligation for these funds will be \$2,051,500.

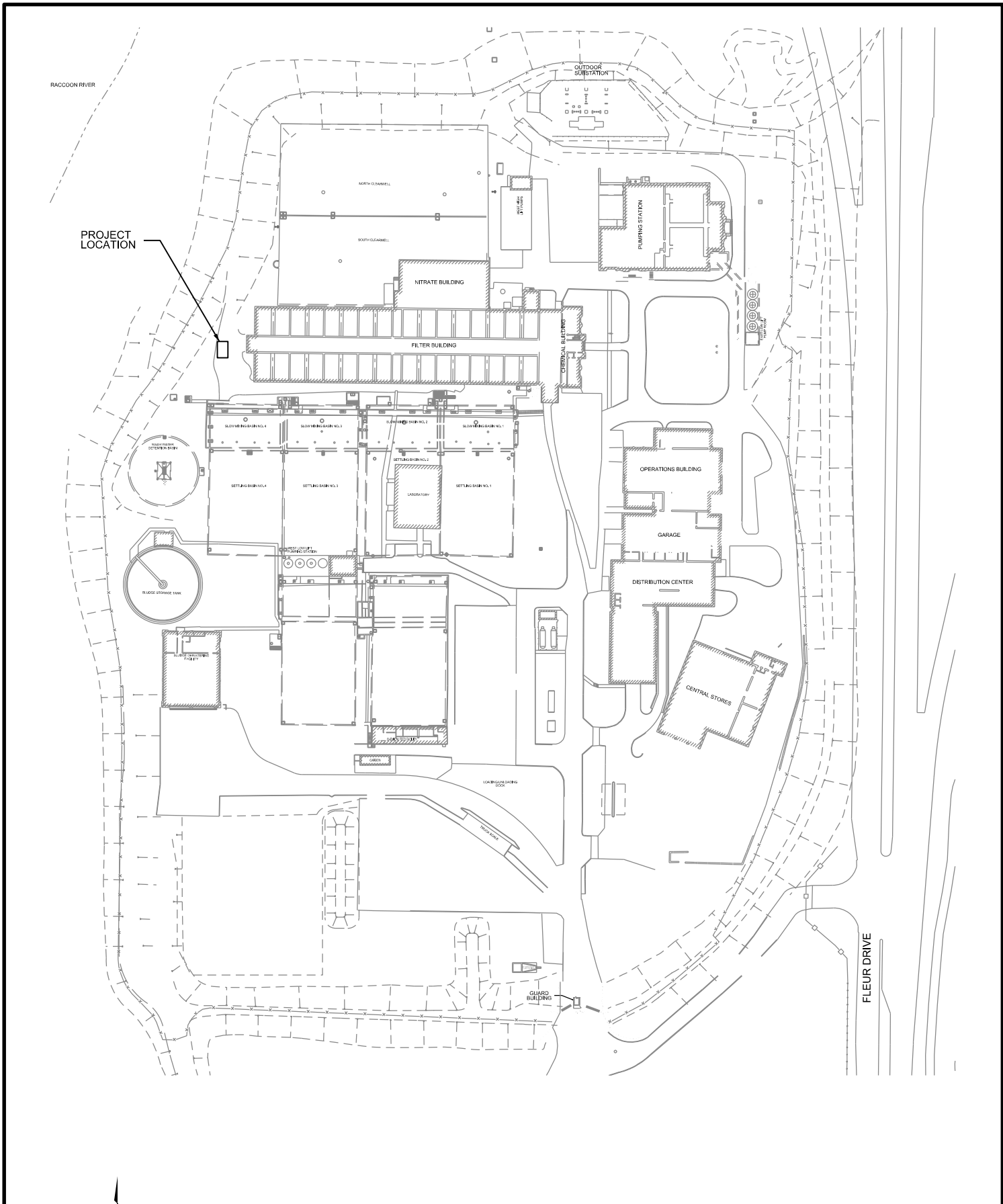
RECOMMENDED ACTION:

Authorize staff to solicit bids for Nitrate Removal Facility Process Residuals Pumping Station and establish the date of Public Hearing as the date of the April 2017 Board meeting.

BOARD REQUIRED ACTION:

Motion to authorize staff to solicit bids for Nitrate Removal Facility Process Residuals Pumping Station and establish the date of Public Hearing as the date of the April 2017 Board meeting, and direct staff to publish notice as provided by law.

<p>_____/_____ Nathan W. Casey, P.E. (date) Project Manager</p>	<p>_____/_____ Danny J. Klopfer, P.E. (date) Engineering Services Manager</p>	<p>_____/_____ William G. Stowe (date) CEO and General Manager</p>
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NOT TO SCALE

Des Moines
Water Works
Water You Can Trust for Life
 ENGINEERING DEPARTMENT
 Des Moines, Iowa

NITRATE REMOVAL FACILITY
 PROCESS RESIDUALS PUMPING STATION