

DES MOINES WASTEWATER RECLAMATION AUTHORITY
TECHNICAL COMMITTEE

Des Moines Wastewater Reclamation Facility
3000 Vandalia Road
Des Moines, Iowa

January 10, 2023
1:30 p.m.

MINUTES

ITEM 1: Call to Order

Shane Kinsey, Committee Chair, called the meeting to order at 1:30 p.m.

ITEM 2: Roll Call

Members in Attendance

Dan Scott, Altoona
Don Clark, Ankeny*
Jeff May, Clive
Eugene Schmitt, Des Moines
Matt Ahrens, Grimes*
Shane Kinsey, Johnston
Wayne Schwartz
Russ Paul, Pleasant Hill
Bret VandeLune, Polk County
John Larson, Urbandale
Tim Royer, Waukee
Brian Hemesath, West Des Moines
Larry Hare, WRF

Others in Attendance

Scott Hutchens, Operating Contractor
James Beck, Operating Contractor
Lisa Etnyre, Operating Contractor
Ben Warren, Operating Contractor
Roxane Vaughan, Operating Contractor

* Participated in the meeting via telephone due to the fact that it was impractical or impossible to participate in the meeting in person due to proximity to meeting location

ITEM 3: Minutes for the December 13, 2022 meeting – Approval

Brian Hemesath made a motion for recommendation. Eugene Schmitt seconded that motion. All in favor. The motion carried.

ITEM 4: WRA 2022 Community Populations – Approval

James Beck noted the item is an annual item that is brought before the Committee for approval and it is a requirement of the WRA's 28E Agreement. The Community populations are used in the event there is a population weighted vote.

Jeff May made a motion for recommendation. Brian Hemesath seconded that motion. All in favor. The motion carried.

ITEM 5: WRF Clarifier Improvements – Phase 2 – Project Recommendation

James Beck explained that the project was identified in the WRA Facility Plan Update – 2012 which recommended replacement of the WRF's primary and final clarified rotating mechanisms. The improvement includes phased removal and replacement of twelve (12) secondary clarifier mechanisms, installation of secondary clarifier launder and effluent channel covers, removal and replacement of flow control gates, and other miscellaneous work including all necessary materials, equipment, labor, and cleanup in accordance with the plans and contract documents. He noted the engineer's estimate for this project is \$36,375,000.00 and bids will be taken on Tuesday, February 28, 2023. The bids will then be presented to the WRA Technical Committee at the March 14, 2023 meeting for review and recommendation to the WRA Board for consideration at the March 21, 2023 meeting.

John Larson made a motion for recommendation. Bret Vandelune seconded that motion. All in favor. The motion carried.

ITEM 6: WRF CSSSF Mechanical and Electrical Improvements – Project Recommendation

James Beck explained the project to the group and noted that it was developed due to issues encountered with the HVAC system in the electrical room of the Combined Sewer Solids Separation Facility (CSSSF), as well as issues with the Variable Frequency Drives (VFDs) that serve the low flow pumps at the CSSSF. The HVAC system that serves the electrical room has experienced multiple failures over the past several years which has created concerns with potential overheating of the electrical room during warm months when the facility is susceptible to wet weather events. In addition to these concerns the VFDs that serve the low flow pumps require modifications due to reliability concerns. He noted the engineer's estimate for this project is \$155,000.00 and bids will be taken on Tuesday, February 28, 2023. The bids will then be presented to the WRA Technical Committee at the March 14, 2023 meeting for review and recommendation to the WRA Board for consideration at the March 21, 2023 meeting.

Brian Hemesath made a motion for recommendation. Larry hare seconded that motion. All in favor. The motion carried.

ITEM 7: WRA Fiscal Year 2024 Capital Improvement Plan – Information

James Beck noted that the attached information is an overview of the changes in the Fiscal Year 2024 CIP. Several small capital improvement projects have been added to the summary page this year and the summary page shows the comparison of last year's CIP estimates to the Fiscal Year 2024 estimates.

ITEM 8: Industrial Waste Ordinance – Information

Larry Hare noted 45 inspections were completed in Altoona, Des Moines, Urbandale Schools and Johnston Schools and he noted one exception was received and approved in December.

ITEM 9: Contract Status Update – Information

James Beck noted that there were no new consultant contracts and also no new construction contracts added in December 2022.

ITEM 10: Other Business

There was a brief discussion about a future sewer expansion in West Des Moines, Norwalk, and Cumming; however, no formal plans or agreements have been made regarding the topic.

ITEM 11: Adjourned

Bret VandeLune made a motion to adjourn. Jeff May seconded that motion. Meeting adjourned at 1:55 p.m.