

**SOUTH VALLEY WATER RECLAMATION FACILITY
BOARD MEETING
Wednesday, January 18, 2023
7495 South 1300 West
West Jordan, Utah 84084**

Attendance	Board Chairman	Jerry L. Knight, Sandy Suburban Improvement District
	Board Vice Chairman	Brad Powell, Midvalley Improvement District
	Board Member	Craig L. White, South Valley Sewer District
	Board Member	Glen Kennedy, Midvale City
	Board Member	David Murphy, City of West Jordan
	Attorney for South Valley	Tracy S. Cowdell
	General Manager	Lee Rawlings
	Facility Engineer	Taigon Worthen
	Finance Director	Gary Dunn
	Facility Clerk	Belinda Patterson
	Alternate for Midvalley ID	Jared Syme
	Bowen, Collins & Associates	Brent Packer
		Steven Meyer
	Carollo Engineer	Brad Jeppson

Call to Order Chairman Knight called the meeting to order at 12:30 p.m. and welcomed those in attendance.

Roll Call Roll call vote was as follows:

Mr. Powell	“here”
Mr. Kennedy	“here”
Mr. Murphy	“here”
Mr. White	“here”
Chairman Knight	“here”

**Ceremonies/
Presentations/Public
Comments** None

Presentation by Bowen and Collins on Condition of North Interceptor Mr. Steven Meyer, with Bowen, Collins & Associates, reported on the condition of the 48-inch North Sewer Interceptor (NSI) and manholes located between 7200 South and the Facility. The last assessment that was performed on that pipe was in October 2012 and found there was little change in the condition of the pipe since then.

Pipe Condition Summary - The NSI appears to be in good shape and is not in need of immediate rehabilitation or replacement. One gusher and one dripper were identified during the inspection. Several sections show wall surface roughness indicating some H₂S corrosion. A couple of locations show longitudinal cracking which is considered a minor structural defect according to code. Debris depths in the pipe ranged from 0 to 5 inches totaling approximately 33 cubic yards and doesn't seem to be creating a problem.

Manhole Condition Summary - Manholes appear to be in good shape and are not in need of immediate rehabilitation or replacement. Some manholes show surface roughness with visible aggregate, but no significant spalling or wall loss, indicating some H₂S corrosion. Some manholes have corrugated pipe material cast into the concrete lid likely used for forms during the construction of the lid. These forms are not structural pieces of the manhole but they are heavily corroded and flaking off. One manhole has a corroded frame and cover.

Recommendations – Hire a contractor to perform a CIPP spot repair to stop the infiltration gusher. Remove and replace the existing frame and cover of the heavily corroded manhole. Continue performing pipe and manhole inspections every 5 years. And also include the three-barrel inverted siphon as part of the NSI inspection program in the future because where high levels of H₂S are present, corrosion damage to the concrete inlet and outlet structures, concrete pipe, ductile iron pipe, etc. happens.

Mr. Powell said that Midvalley has been maintaining the siphon all along, but who owns it? Mr. Worthen and Mr. Cowdell will review the documentation to confirm. Staff expressed an interest in having Midvalley continue maintaining the pipe. Mr. Worthen recommended that when the pipe is lined in the future, the siphon will be included.

**Presentation by
Carollo on Capital
Facility Plan LOF/COF
Rankings and Update
Cost Estimates**

Mr. Brad Jeppson, with Carollo Engineers, presented updates to the draft Capital Facility Plan (CFP).

He listed a couple of items that were moved to RM&A such as Blower Building No. 2 Discharge Air Piping Replacement and SCADA System improvements. Fiber Optic Upgrades will be combined with the MCC Replacement and the Reuse Pump Station has been removed from the CFP.

Three scope changes were mentioned. Facility Access Improvements – added replacement of existing bridge. Effluent Channel Improvements – added flow measurement capabilities. Bioreactor No. 1 A20 Upgrades – added blower capacity.

Mr. Jeppson talked about risk analysis which supports project prioritization using the likelihood of failure and consequence of failure approach, escalation projections to reflect market conditions, and he wrapped up his presentation with cost estimate updates.

Mr. Worthen took a moment and talked about CFP costs out to 2038, based on 2022 dollars. The annual contribution, by the board, to the CFP will be based upon capacity rights.

Mr. Rawlings added that he will be contacting Laura Lewis to come up with some recommendations for the board on financing.

A copy of this presentation will be sent to the board and attached to these minutes.

**Resolution No. 01-18-2023(A)
Acknowledging Annual Open Meetings Act and Ethics Training**

Mr. Cowdell began by giving the board training on Ethics sharing several examples. He then presented a video, from the state auditor's office, for the board's annual training on the Open and Public Meetings Act. He asked the board to always remember that they are doing the public's business and because they are doing the public's business the public deserves to hear their business openly. Also, any deliberations about the public's business needs to be on the record.

Mr. Powell moved that the board approve Resolution No. 01-18-2023(A) acknowledging annual training for the Open and Public Meetings Act. Mr. Murphy seconded the motion. All were in favor, motion carried.

Approve Annual Fee to WFWQC for Research on Jordan River and Great Salt Lake

This is an annual fee for TMDL research done by the Wasatch Front Water Quality Counsel and has been included in the 2023 budget.

Studies in 2023 will focus on collecting information to aid POTWs along the Jordan River as we all work toward the permit renewal process coming in 2027. Other studies include sediment respiration, atmospheric deposition of phosphorus, concentration of phosphorus contained in sediment, sources and volumes of organic matter, and phytoplankton densities.

Mr. Kennedy moved that the board approve payment of the annual contribution for 2023 to the Wasatch Front Water Quality Counsel in the amount of \$75,000 to support research regarding the Jordan River and Farmington Bay TMDLs. Mr. White seconded the motion. All were in favor, motion carried.

Resolution No. 01-18-2023(B) Parameters Resolution for Pretreatment Fee Increase

Mr. Powell moved that the board approve Resolution No. 01-18-2023(B) a resolution intending to increase pretreatment fees and direct staff to advertise for public hearing as outlined in the memo from the attorney. Mr. Murphy seconded the motion. All were in favor, motion carried.

Pretreatment Write-Offs 2022

Mr. Kennedy moved that the board approve the general manager's recommendation to write off the debt for the account listed in the letter from Express Recovery Services for a total of \$236.20. Mr. Powell seconded the motion. All were in favor, motion carried.

Draft Resolution for Creation of Finance and Engineering Committees

Mr. Cowdell presented a draft resolution for board review. There was only one change or addition made since the board saw it last. A line was added which states that the committee will keep notes on items discussed and a copy of those notes will be delivered to the board for consideration.

The board didn't have any concerns with what was presented and had no additional comments or questions.

Consent Calendar

Items included on the consent calendar are as follows:

- Ratify Check Register: December 2022
- Approval of Minutes: December 21, 2022 Board Meeting
- Next Board Meeting Date: February 15, 2023

Mr. White moved that the board approve the Consent Calendar. Mr. Murphy seconded the motion. All were in favor, motion carried.

Mr. Cowdell reminded the board that there will be a public hearing at 6:00 pm on Wednesday February 15 concerning pretreatment fee increases.

General Manager Report

There was no additional discussion.

Project Updates

Mr. Worthen gave a brief update on the following: VFD Project, design work by Carollo, upcoming day tank inspection, and the HVAC Replacement Project.

Closed Meeting

There was no closed meeting.

Other Business

Mr. Murphy reported that the City of West Jordan would like to see a change in how votes are taken on the budget in relationship to capital financing, and the RM&A. They would like to see votes on capital based upon capacity rights and the RM&A budget based upon flow. All other voting would fall under 20% for each member entity. West Jordan feels they should be able to say more about the cost that they are expending and how that works ongoing in to the future.

Mr. Kennedy said that Midvale will not support that. The dollar amounts might be larger but the impact on the organizations are the same.

Mr. Cowdell said that a change like this would require an amendment to the interlocal agreement which could take some time because the vote has to be unanimous in terms of vocabulary and requires all legislative bodies to approve it by a majority vote.

The interlocal agreement is due for review around 2025.

Mr. White added that the pretreatment interlocal agreement is due for review this year, 2023.

Adjournment

Chairman Knight adjourned the meeting at 2:34 p.m.

Jerry L. Knight, Board Chairman

Belinda Patterson, Facility Clerk