

**SOUTH VALLEY WATER RECLAMATION FACILITY
BOARD MEETING
Wednesday, June 19, 2024
7495 South 1300 West
West Jordan, Utah 84084**

Attendance	Board Chairman Board Member Board Member Board Member Board Member Attorney for South Valley General Manager Facility Engineer Finance Director Facility Clerk Developer, SOJO Engineer, Carollo	Glen Kennedy, Midvale City Jared Syme, Midvalley Improvement District (excused) Sandy Suburban Improvement District (excused) David Murphy, City of West Jordan Joel Thompson, Jordan Basin Improvement District Tracy S. Cowdell Lee Rawlings Taigon Worthen Gary Dunn Belinda Patterson Doug Young Randy Zollinger
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Call to Order Chairman Kennedy called the meeting to order at 12:30 p.m. and welcomed those in attendance.

Roll Call Roll call vote was as follows:

Mr. Murphy	“here”
Mr. Thompson	“here”
Chairman Kennedy	“here”

**Ceremonies/
Presentations/Public
Comments** None

Presentation by Doug Young Development of Property Next to New Admin Building Mr. Young gave a brief presentation concerning further development of the property around the new administration building which will be located near the canal outside the facility gate. The sewer line to be installed will be large enough to accommodate future development. Mr. Young displayed a drawing which showed a second entrance/exit road, with curb and gutter, located to the south of the property with a bridge over the canal. He then suggested selling the remaining property to build a single-family subdivision using the proceeds for updating the old administration building. Currently the property is zoned for office use.

He reported that the City of West Jordan approved the site plan and requested that a sidewalk be installed from 1300 West down to the new building.

Mr. Young said the lark facility is cleaned up and has a crop of wheat growing on it with sheep currently grazing. Mr. Rawlings submitted a letter to the state notifying them that the cleanup has been completed.

Mr. Cowdell asked how long it would take for the administration building to be completed. Mr. Young said that once digging begins, it could take up to 18 months to complete.

Mr. Cowdell added that there still are a couple of changes that need to be made to the original agreement.

Chairman Kennedy asked what staff's feelings are regarding the subdivision proposal. Mr. Rawlings had a concern about additional homes being built around the facility. In the past we have had to deal with odor issues and noise complaints from existing neighbors. He prefers businesses rather than additional homes.

Chairman Kennedy asked if the property will be useful to the facility in the future? Mr. Rawlings responded that a treatment process will most likely not be built on that property.

Mr. Worthen added that a dump station or maybe a shipping/receiving office would make the most sense for that property. Currently waste haulers and delivery trucks come down into the facility. If we were to expand secondary treatment we would go to the south, toward Gardner Village, or tear down bioreactor #1 and build there.

Mr. Murphy suggested if staff were to pelletize their biosolids, a possible sales office could be built on the property.

Mr. Thompson supported having a buffer. He felt very uncertain in giving up that property whether it is needed for treatment or not. Mr. Murphy felt that this is valuable ground and was hesitant about relinquishing the property right now. He stated that we needed to establish what we do with biosolids disposal first. He did support placing the new building closer to the canal and installing a larger sewer pipe for future needs. Chairman Kennedy agreed.

Mr. Cowdell said that he would like the board to find a creative way to come up with the funds to refurbish the old administration building. The sale of some of this property may have been a way.

**Award Bid for Cathodic
Protection Around
Clarifier Piping**

Infinity Corrosion Group and Carollo prepared plans and technical specifications for construction of cathodic protection improvements around the facility to protect critical buried infrastructure based upon study work that has been compiled over the past year or so.

This project specifically covers the pipes that carry the wastewater from the bioreactors in to the clarifiers. Staff will continue cathodic protection efforts in 2025 thru the RM&A, and again in 2026. Mr. Murphy requested that a diagram of the exact pipes be included in future packets.

Hills Construction and VanCon submitted bids. Both bids were reviewed and considered complete and responsive. Hills Construction was the low bid.

Mr. Murphy moved that the board award Hills Construction the Clarifier Inlet Piping Protection Project in the amount of \$84,691 and authorize the board chairman to sign the agreement pending review and acceptance of the contract documents by the facility attorney. Mr. Thompson seconded the motion. All were in favor, motion carried.

Approve Revision of SVWRF's General Safety Manual

Mr. Thompson moved that the board approve the revision to South Valley Water Reclamation Facility's General Safety Manual as presented. Mr. Murphy seconded the motion. All were in favor, motion carried.

Presentation on Biosolids Disposal Options by Carollo

Mr. Randy Zollinger, Carollo Engineers, presented options for biosolids disposal. He gave a brief history, then talked about previous studies and reports, and evaluation criteria.

The board spent time discussing each of the biosolids management alternatives listed below and the advantages and disadvantages for each.

1. Monofil – purchase property, construct and operate a private Class 1 landfill.
2. Soil Amendment – Purchase property, air dry UC biosolids and produce a soil amendment product with Class A biosolids.
3. Autothermal Thermophilic Aerobic Digestion (ATAD) – Construct/operate a new ATAD facility; reduce biosolids by 70% and produce Class A wet cake.
4. Dryer Facility/Option 1 – Two low temp belt dryers: one located inside existing building; the second inside a new contiguous building.
5. Dryer Facility/Option 2 – Upgrade existing paddle type dryers with new paddle type dryers and add pelletizing equipment.

Mr. Worthen clarified that the majority of the Facilities on the Wasatch Front have some form of anaerobic digestion. SVWRF does not. When you digest your solids, you create a Class B and can go to a Class A which opens up your disposal options. We have never had that type of biosolids product until we built our thermal dryer and then we created a Class A product which opened up some disposal options for us. In large part, these previous studies catered towards facilities that produced Class A and Class B biosolids and not SVWRF. As a result, we've continued on with landfilling as our primary means of biosolids disposal because we produced an unclassified sludge.

Mr. Zollinger talked about marketing options and reported that Central Valley Water Reclamation Facility (CVWRF) purchased 2000-3000 acres in the Fairfield area. They do have digestion and compost approximately 1/3 of their biosolids at their facility. They market 1/3 of their compost to Oquirrh Mountain Compost Products. The other 2/3 goes to Randy Marriott's private property. Should the Marriott family stop taking the product, CVWRF will land apply to their own property down in Fairfield.

Mr. Cowdell asked if land application causes any liability for the private land owner. Mr. Zollinger responded, historically no. Mr. Worthen added that there is a procedure in place for tracking metals and nutrients. Pollutants of emergent concern i.e. PFAS, microplastics are now on the EPA radar. That could affect land application in the future.

It's understood that later this year the EPA will come out with their ruling. It's anticipated they will follow the state of Michigan.

Mr. Zollinger wrapped up the presentation by presenting preliminary costs.

Mr. Rawlings suggested waiting until the end of the year to see what is decided, by the EPA, concerning PFAS and microplastics. Their decision might influence what we choose to do.

Mr. Murphy suggested staff speak with the budget committee alerting them to plan for upcoming expenses over the next several years.

**Sewer Interceptor
Cost Sharing**

This item was tabled due to the fact there was no representation from Midvalley Improvement District at this meeting.

**Update on Search for
New Facility Attorney**

Mr. Cowdell has a colleague he would like to introduce to the board at a later date to be considered as his replacement as facility attorney.

Consent Calendar

Items included on the consent calendar are as follows:

- Ratify Check Register: May, 2024
- Approval of Minutes: May 15, 2024
- Next Board Meeting Date: August 21, 2024

Mr. Murphy moved to approve the consent calendar. Mr. Thompson seconded the motion. All were in favor, motion carried.

**General Manager
Report**

There was no additional discussion.

Project Updates

Mr. Worthen gave a brief update on the following projects:

- VFD Project is ongoing. The first VFD, which was installed in headworks, is being tested. Project is scheduled through the end of September.
- MCC Project - we have completed review of the 90% submittals on drawings. Specifications are under review right now and we will be going out for bid in July for the equipment.
- South Sewer Interceptor – Warranty work has been completed.

Closed Meeting

There was no closed meeting.

Other Business

There was no other business discussed.

Adjournment

Chairman Kennedy adjourned the meeting at 3:00 p.m.

Glen Kennedy, Board Chairman

Belinda Patterson, Facility Clerk