

**SOUTH VALLEY WATER RECLAMATION FACILITY
BOARD MEETING
Wednesday, February 17, 2021
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	Brian Clegg, City of West Jordan
	General Manager	Lee Rawlings
	Facility Engineer	Taigon Worthen
	Facility Clerk	Belinda Patterson
	Attorney for South Valley	Tracy S. Cowdell
	Finance Director	Gary Dunn

Call to Order Chairman Knight called the meeting to order at 12:37 p.m. and welcomed those in attendance.

Roll Call Roll call vote as follows:

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

**Ceremonies/
Presentations/Public
Comments** None

**Resolution
02-17-2021(A) – Annual
Board Training 2021** Mr. Cowdell 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 they must be as transparent as possible. Also, any deliberations should be done in an open and transparent way.

Mr. White moved that the board approve Resolution No. 02-17-2021(A) acknowledging that the board and senior staff have received the required annual training regarding the open and public meeting act. Mr. Powell seconded the motion. Roll call vote was as follows:

<u>Mr. Powell</u>	<u>“aye”</u>
<u>Mr. Clegg</u>	<u>“aye”</u>
<u>Mr. Kennedy</u>	<u>“aye”</u>
<u>Mr. White</u>	<u>“aye”</u>
<u>Chairman Knight</u>	<u>“aye”</u>

All were in favor, motion carried.

**Approve Annual Fee
for Wasatch Front
Water Quality Council**

In 2016 the board voted to extend the contract with the Wasatch Front Water Quality Counsel through 2021. Studies in 2021 will be focusing on collecting information to aid POTWs along the Jordan River as they all work through their 2021 permit renewal process.

Mr. Powell moved that the board approve payment of the annual assessment for 2021 to the Wasatch Front Water Quality Council in the amount of \$75,000 to support research regarding the Jordan River and Farmington Bay TMDLs. Mr. Kennedy seconded the motion. All were in favor, motion carried.

**Approve Purchase of
Mack Diesel Truck**

Staff advertised requesting bids, for a Mack Diesel Truck for hauling biosolids. Only one bid was received which was from Mountain West Truck Center. The quotation meets the advertised specifications and will be replacing TRK4 which is a 2008 Peterbilt Tractor Truck. Funds designated for the purchase of this item are included in the 2021 RM&A budget.

Mr. White moved that the board authorize the general manager to award a purchase order to Mountain West Truck Center for the supply of a new Mack tractor-truck for a total price of \$120,846.14 and authorize the general manager to surplus TRK4. Mr. Powell seconded the motion. All were in favor, motion carried.

**Approve Purchase of
Biosolids Trailer**

Staff advertised requesting bids, for a biosolids trailer. They received a low bid from Trinity Trailer Manufacturing Inc. This will replace Trailer 15 which is a 2008 Red River Trail King trailer. Funds designated for the purchase of this item are included in the 2021 RM&A budget.

Mr. Kennedy moved that the board authorize the general manager to award a purchase order to Trinity Trailer Manufacturing in the amount of \$83,074.98 for a new biosolids trailer and authorize the surplus of Trailer 15. Mr. Powell seconded the motion. All were in favor, motion carried.

**Approve Task Order
#2021-01 with Carollo
for Capital
Improvement Plan**

The board requested staff to develop a capital facility plan for the purpose of identifying the cost of a number of improvements which are anticipated to be needed at the Facility over the next 20 years. These improvements will be identified based upon flow and load projections, anticipated changes in the regulatory rules and the wearing out of existing assets over time. This engineering effort is expected to span a period of six months. This task order is governed by our current Agreement for Professional Services with Carollo Engineers.

Mr. Powell moved that the board authorize Task Order 2021-01 to Carollo Engineers, Inc. for a not-to-exceed amount of \$72,492 and authorize the board chairman to execute the task order. Mr. White seconded the motion. All were in favor, motion carried.

Approve Task Order #2021-02 with Carollo for Electrical Safety/Arc Flash Study

Carollo Engineers developed our Arc Flash Safety program during Project 4. Every five years or upon completion of significant changes to the electrical distribution system, the Facility is required to update its Arc Flash Safety program. Project 5 will be completed this year and as a part of the work within Project 5 there are significant changes to and expansion of the Facility's electrical distribution system. Carollo understands the Facility's electrical distribution system and the additions and changes that Project 5 makes to it.

Mr. Powell moved that the board authorize Task Order 2021-02 to Carollo Engineers, Inc. for a not-to-exceed amount of \$37,500 and authorize the board chairman to execute the task order. Mr. Cleqq seconded the motion. All were in favor, motion carried.

State Fraud Score Card

The State Auditor's office sent out a Fraud Risk Assessment to local governments and asked them to do a self-assessment to give an organization an idea of the potential for fraud to occur in their organization, which Mr. Dunn shared with the board.

Mr. Dunn did the scoring and discussed the assessment with Mr. Rawlings. The score for SVWRF is 325, placing it in the low risk category.

Transfer of Ownership of South Trunk Line to SVWRF

Mr. Cowdell sent a draft resolution to each entity involved with the south trunk line ownership transfer for their board to approve. He also will be sending a conveyance document for approval. Once each entity has completed the process, Mr. Cowdell requested copies of the documents be forwarded to him. A conveyance document with an easement attached will satisfy the county for transfer of ownership. Once Mr. Cowdell receives all the documents he will see that they are recorded with the county.

Update Corrosion of Underground Air Supply Piping to Bioreactor #5

Three alternatives have been discussed as viable fixes for the corroding aeration piping. Lining in place – this option is not viable because it won't take the heat produced by the blowers. Replacing the buried piping – this option is considered to be the highest cost solution and comes with risk of exposing other buried utilities in a very crowded space. Replacing the piping with above ground piping – this option costs less than the buried option and will present less risk to the facility to implement. Some work within Project 5 will need to be delayed to fix the piping. Fixing the piping will extend Project 5 from one to two months. The facility's aeration and Bioreactor 5 will need to go offline multiple times to install the new piping. These outages need to be controlled and their durations limited to keep the treatment process within the facility working. The buried pipe option is estimated to cost \$969,000 and the above ground pipe option is estimated to cost \$643,000, not including engineering. Cost will be shared by the board based on capacity rights. The buried 48" piping to Bioreactor 5 needs to be removed from the ground as it presents a safety hazard should heavy loads such as large cranes be placed on it in the future. At a minimum, the new overhead piping to Bioreactor 5 needs to be installed and the buried piping disconnected from service. The sequencing of the aeration piping tie-ins was also presented.

Consent Calendar

Items included on the consent calendar are as follows:

- Ratify Check Register: December 2020 and January 2021

- Approval of Minutes: December 16, 2020 Board Meeting
- Next Board Meeting Date: March 17, 2021

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

General Manager Report

There was no additional discussion.

Project Updates

Project 5 - Project 5 has slowed due to the weather but overall it is tracking well with the planned schedule. Three items are anticipated to be on a future Change Order #13. The largest unknown cost item at this time is the corrosion of the Bioreactor 5 buried aeration piping.

South Sewer Interceptor – Progress on the design of the project continues as scheduled. 90% drawings have been completed and reviewed by SVWRF. Drawings will be submitted to the City of West Jordan for approval as well as to Rocky Mountain Power, UDOT, Salt Lake County, Gardner Village, and other stakeholders. The project should be going out for bid mid-March if things progress as planned. The 30% probable cost estimate has been updated based upon the 90% drawings. New estimate using all styrene resin liners is \$12,700,000. If non-styrene liners are used the cost is expected to increase to \$15,300,000. Member entity cost allocations for the project will be based on capacity rights. The project approach being used to address risk associated with styrene was presented. Bid documents will include an allowance for non-styrene liner to be used at the sole discretion and direction of SVWRF. Styrene is a pollutant that can damage the treatment process at SVWRF. The styrene testing protocol was discussed.

Closed Meeting

There was no closed meeting.

Other Business

There was no other business discussed at this meeting.

Adjournment

Chairman Knight adjourned the meeting at 2:31 pm.

Jerry L. Knight, Board Chairman

Belinda Patterson, Facility Clerk