

**SOUTH VALLEY WATER RECLAMATION FACILITY
BOARD MEETING
Wednesday, March 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 12:30 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

**Change Order #14 with
RSCI to Fix Corroded
Air Piping to
Bioreactor #5** Mr. Worthen spent time negotiating pricing with RSCI for the work to fix the corroding aeration piping. The pricing is as follows:

- | | |
|--|--------------|
| 1. Base bid to provide the overhead fix for the aeration piping. | \$685,103.16 |
| 2. Demo and remove the 48” buried pipe and rebuild the road. | \$74,228.60 |
| 3. Fill the 48” pipe with CLSM | \$47,855.15 |
| 4. Demo and remove the 24” buried pipe and rebuild the road | \$152,671.64 |
| 5. Fill the 24” pipe with CLSM | \$86,134.21 |

Two separate change orders were presented. One change order includes the completion of items 1, 2, 4 and the other includes the completion of items 1 & 2.

The board was also given a spreadsheet listing dollar amounts for each entity based on capacity rights, broken down according to the options listed in each change order.

Chairman Knight had a concern with spending \$74,228.60 to remove a pipe that may not be corroded. He also suggested that if the pipe is being dug up for replacement why not replace the pipe, in ground, while the trenches are open. Mr. Kennedy concurred.

Mr. Worthen talked about three options discussed with RSCI. First, lining the pipe, it was determined that the lining cannot withstand the heat from the blowers and the corrosion taking place is from the outside in. Second, replacing the piping in the ground, it was determined to be very expensive. Third, replace the pipe with a pipe above ground, which was the least expensive option.

The old aeration pipe may cause problems for future projects if left in the ground i.e. emergency generator building which would need underground electrical utilities ran to it. The road between bioreactor 5 and blower building 3 is filled with utilities. Removing the buried aeration piping opens up the road to many possibilities that could accommodate a future emergency generator building.

Mr. Kennedy asked what the cost difference between the two pipes is, above ground versus underground? Mr. Worthen responded that if the pipe is placed in the ground the soil and the mortar interaction will still be there. If we go above ground the issue completely goes away other than normal maintenance i.e. painting. Underground would cost approximately \$969,000, above ground would cost approximately \$759,000.

Mr. Clegg asked how this project is able to be lumped in to a change order. Mr. Worthen responded that RSCI is a competent contractor, already mobilized, and currently working in that area for Project 5. Staff felt there would be cost savings to continue using them. Mr. Clegg stated that going out to bid might get lower pricing. Mr. Powell added that bids could come in with higher pricing. Mr. Worthen responded that pressure was put on RSCI to offer competitive pricing for this piece of the project.

Mr. White said he would like to prepare for the future and take care of this right now and do it right. Even though it's more money right now, future costs could go higher.

Mr. Rawlings talked about funding options i.e. RM&A reserve account, board annual refunds, or have a budget opening. The board agreed on opening the budget midyear.

Mr. White moved to approve Change Order No. 14 including items 1, 2, & 4 in the amount of \$912,003.40. Mr. Powell seconded the motion. All were in favor, motion carried.

**Approve Purchase
Valves for Influent
Pumps**

Mr. Powell moved that the Board authorize the general manager to issue a purchase order to APCO in the amount of \$43,008 for the purchase of two new control valves. Mr. Kennedy seconded the motion. All were in favor, motion carried.

**Creation of New
Position – Instrument
Control Specialist Job
Description with Step
and Grade**

Mr. Rawlings presented the board with a job description for a new instrument control specialist position/Grade 40. This position would be part of the facility operations maintenance department. This individual would perform a variety of complex, specialized, skilled, and technical duties related to installing, maintaining, calibrating, programming, and troubleshooting electronic and electrical instrumentation and control throughout the facility.

Mr. Powell moved that the Board approve the job description for the instrument and control specialist as presented and assign this position to grade 40 on SVWRF's step and grade chart. Mr. Kennedy seconded the motion. All were in favor, motion carried.

Update of Lark

Mr. Cowdell reported on the status of the cleanup project at the Lark site. Soil studies on the Bastian Ditch have been completed and Trans Jordan has given their authorization to take the soil. The biosolids will be treated on site with a process from a professor at Utah State. They will excavate the ditches and plant kochia. Kochia is known to grow anywhere and will deplete the nitrogen in the biosolids. It will be harvested and fed to cattle, this process should take about a year. At that point the board has a decision to make whether to have a new administration building built or take \$3.5 million. Also, Rocky Mountain Power is interested in building a substation on the southwest corner of the lark property which could become an issue we will need to figure out at a later date. Mr. Rawlings added that the Bastian Ditch and the biosolids cleanup are two separate processes. The biosolids cleanup is ready to begin and the Bastian Ditch cleanup is still pending a couple of signatures.

Consent Calendar

Items included on the consent calendar are as follows:

- Ratify Check Register: February 2021
- Approval of Minutes: February 17, 2021 Board Meeting
- Next Board Meeting Date: April 21, 2021

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

**General Manager
Report**

There was no additional discussion.

Project Updates

In about a month Corrio Construction will be mobilizing here on site for work in the thermal drying building.

Hills Construction is 75% complete on the underground piping project. They will be wrapping up near the end of April.

On the upcoming generator replacement project, 90% design documents have been reviewed. Final changes to both drawings and specifications are being made by Carollo. We should be receiving the final documents next week to go out for bid. Generator itself is about a six-month delivery and switchgear in the building will be replaced and the lighting will be upgraded. This is a 2021 RM&A item.

Design documents for the South Trunk Line Project are at the City of West Jordan for review and Mr. Clegg was asked to follow up. Neighbors have been notified on the upcoming project.

First work session will take place the week of April 12 on the capital facility's plan. Carollo will be on site.

Arc flash and coordination study for the electrical system on site will begin mid-summer.

Project 5 – Bioreactor #2 has been drained and concrete work has begun. Substantial completion should take place mid-June. The grit building should become operational shortly after the completion of Bioreactor #2. There will be several weeks of operator training, lube checks, controls in place, etc. Those processes should go through mid-July.

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 1:58 pm.

Jerry L. Knight, Board Chairman

Belinda Patterson, Facility Clerk