

**SOUTH VALLEY WATER RECLAMATION FACILITY
BOARD MEETING
Wednesday, February 16, 2022
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 (excused)
	Finance Director	Gary Dunn
	Engineer, Bowen, Collins & Associates	Brent Packer

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

Resolution No. 02-16-2022(A) – Open and Public Meeting Act Training This agenda item has been postponed due to the attorney’s absence.

Extension of Task Order with Bowen & Collins for inspection of CIPP Project Mr. Worthen stated that this amendment adds an additional five weeks of construction observation and construction management services. SVWRF requested that the 24/7 observation be reduced to 16/7 observation beginning February 1. SVWRF requested Bowen, Collins & Associates prepare record drawings to include any changes to the project during construction. To complete the additional tasks the additional cost is estimated at \$77,650.

Even though Insituform shows they will finish the lining in April with the manhole restoration behind that, which is what this extension covers, Mr. Worthen is estimating this project could go through June, 2022.

Mr. Packer added that they are trying to find the right balance knowing that the inspection time has been extended, to try to be a little more efficient.

Mr. White moved the board approve Task Order Amendment No. 2 to Bowen, Collins & Associates and increase the authorized not to exceed amount by an additional \$77,650 and authorize the board chairman to sign the amendment upon review and acceptance by the facility attorney. Mr. Powell seconded the motion. All were in favor, motion carried.

**Award District Dump
Station Remodel
Project**

Staff has been made aware that vacuum sewer cleaner trucks have been having some difficulty maneuvering their equipment into position for dumping gravel and debris at SVWRF, due to their increased size. Per the direction of the board, staff went out for bid to change the position, size, and orientation of the dump station where the district's and cities empty their equipment.

The waste hauler dump station will be able to remain open during construction of this improvement. The district and city dump station will be closed during the construction which may take a couple of months.

Mr. White asked if there are any options for them to dump during construction. Mr. Worthen will be coordinating with Central Valley WRF, and Sandy Public works will be an emergency backup.

Staff will be utilizing JWO Engineering for professional construction related services. Five companies submitted bids and Spackman Enterprises had the low bid.

Mr. Powell moved that the board award Spackman Enterprises the Dump Station project in the amount of \$118,397.00 and authorize the board chairman to sign the agreement pending review and acceptance of the contract documents by the facility attorney. Mr. Kennedy seconded the motion. All were in favor, motion carried.

**Pretreatment Write-
Offs 2021**

Mr. White moved that the Board approve the general manager's recommendation to write off the debt from the four accounts listed in the letter from Express Recovery Services for a total of \$828.96. Mr. Clegg seconded the motion. All were in favor, motion carried.

**Annual Contribution to
FWQOC for Research
Supporting TMDL**

Mr. Kennedy moved that the board approve payment of the annual assessment for 2022 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. Clegg seconded the motion. All were in favor, motion carried.

**UTA Licensing
Agreement for South
Interceptor Pipeline**

Mr. Worthen explained that UTA trax lines cross over 7800 South on the west side of the Jordan River. The buried pipelines cross beneath 7800 South. Previously UTA signed an agreement with Insituform for the project. Due to the

pipeline ownership being transferred to SVWRF this agreement also needs to be in place along with proof of insurance. UTA has waived the fees related to granting this license agreement. The attorney has reviewed this document.

Mr. White moved that the board authorize the board chairman to sign the agreement as presented. Mr. Powell seconded the motion. All were in favor, motion carried.

**Report on Thermal
Drying Operational
Costs**

Mr. Worthen gave a PowerPoint presentation on SVWRF's cost to operate thermal drying. He included disposal cost of dried versus wet biosolids, operational costs, maintenance of equipment, trucking costs, along with tipping fees.

Currently all biosolids are disposed of by landfilling. Destinations being hauled to are E.T. Technologies, Wasatch Regional Landfill, and Trans-Jordan Cities Bayview Landfill. Average tipping cost is \$39/ton and average hauling cost is \$15/ton, totaling \$54.00/ton, and trending upward.

Mr. White added that Wasatch Regional Landfill is the emergency backup for Jordan Basin WRF.

Mr. Worthen continued his presentation talking about thermal drying processing costs. Currently about a third of our biosolids are thermally dried. The cost of thermal drying is approximately \$47.47/ton. When thermal drying was designed for this facility it was intended to dry up to 50% of biosolids based upon 25 mgd.

Mr. Rawlings explained why we began thermal drying. Back in 2008, during our long term biosolids planning, there were three options for biosolids disposal. Thermal drying, landfilling, and composting. In 2009 composting was no longer an option. About that time there were rumors of ET Technologies shutting down their operation and they were the low-cost benchmark for disposal at the time. As we do our long range biosolids planning, decisions will need to be made for going forward. Thermal drying was not meant to be a cost saving option. It was just an option.

Mr. Worthen reported to the board that he recently received an inquiry from the EPA on our biosolids production. They have a restoration project they are starting to develop in Park City. We've given them some detail and they were very interested in our thermally dried product, which is considered Class A, exceptional quality.

Mr. Kennedy asked if we should have concerns about increased cost with thermal drying. Mr. Worthen responded that our rate schedule changed recently, with Dominion Energy, giving us a 10% reduction.

Mr. White stated that you have a bigger problem. The dryers are going to wear out over the next 8-10 years. What will you replace it with and at what cost?

This information will be passed on to the engineers to use as part of the biosolids study which will be focusing on alternative methods of disposal.

Capital Facility Plan

Mr. Rawlings reported that additional information regarding the Capital Facility Plan will be included in future board packets. Some projects are included in the RM&A schedule, as a result, partially funded. Mr. Worthen clarified that the projects are coordinated, but the RM&A schedule does not represent the Capital Facility Plan. Mr. White confirmed that the RM&A is in the budget and the Capital Projects is not. Mr. Worthen responded, correct.

A recommendation will be given to the board on what projects will be scheduled over the next five years and funding options considered.

Mr. Clegg asked if the break out amounts shown in the Capital Facility Plan, submitted October 2021, is accurate and can be submitted for his current budget planning period? Mr. Worthen responded that the numbers presented are accurate.

Consent Calendar

Items included on the consent calendar are as follows:

- Ratify Check Register: December 2021 and January 2022
- Approval of Minutes: December 15, 2021 Board Meeting
- Next Board Meeting Date: March 16, 2022

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 – Doing some fine tuning on the operation of the grit washers. Waiting on spare parts, i.e. VFD's which are required by contract.

CIPP Project – Mr. Worthen gave an update and projected another four months before the project is completed. Included in the board packet is a copy of Change Order #2 which was a deductive change order totaling \$604,200. Mr. Worthen talked about some recent issues with Insituform Technologies, which our attorney has been made aware of. Mr. Packer added that several change orders were submitted and denied based on the fact they were submitted past the 30-day requirement, per the contract. Should Insituform Technologies want to take it to the next level a claim can be submitted to the board.

Closed Meeting

There was no closed meeting.

Other Business

There was no other business discussed.

Adjournment

Chairman Knight adjourned the meeting at 2:12 p.m.

Jerry L. Knight, Board Chairman

Belinda Patterson, Facility Clerk