

**SOUTH VALLEY WATER RECLAMATION FACILITY
BOARD MEETING
Wednesday, August 18, 2021
7495 South 1300 West
West Jordan, Utah 84084**

GENERAL SESSION	Chairman	Jerry Knight, Sandy Suburban Improvement
	Vice Chairman	Brad Powell, Midvalley Improvement District
	Board Member	Brian Clegg, City of West Jordan
	Board Member	Craig White, South Valley Sewer District
	Board Member	Glen Kennedy, Midvale City
	General Manager	Lee Rawlings
	Assistant General Manager	Taigon Worthen
	Facility Clerk	Belinda Patterson (excused)
	Acting Clerk	Sherie K. Warner
	Attorney for South Valley Water	Tracy Cowdell
	Finance Director	Gary Dunn
	Bowen Collins & Associates	Brent Packer

ROLL CALL Chairman Knight called the meeting to order at 12:30 pm.

Roll Call:

Mr. Powell	"Here"
Mr. Kennedy	"Here"
Mr. Clegg	"Here"
Mr. White	"Here"
Chairman Knight	"Here"

**CEREMONIES/
PRESENTATIONS/
PUBLIC COMMENTS** No ceremonies, presentations or public comments.

**TASK ORDER #20-01
AMENDMENT FOR
EXTENDED** Mr. Rawlings introduced Mr. Packer from Bowen Collins & Associates and asked Mr. Worthen to lead the discussion on this item.

**INSPECTIONS ON
SOUTH INTERCEPTOR
CIPP PROJECT B)** Mr. Worthen gave an overview of South Interceptor CIPP Project B startup timeline and issues that had arisen after the design and bid process were completed. He stated that initial specifications did not allow for 24-hour inspection services but analysis of the contractors schedule, which included 24-hour operations and the concerns about quality control, it was determined that it would be beneficial to have an inspector on-site during all hours of construction. The estimate in the CRS was considerably lacking funds to cover this level of inspection services.

Mr. Packer reiterated the importance of having an inspector onsite during all hours of construction stating the fiberglass resin product used for the CIPP lining would be manufactured onsite, and required oversight to ensure proper procedures, temperatures, curing times, etc. would meet expected quality

standards. He said that Bowen Collins recommend an additional full time inspector to cover overlapping 24-hour shifts.

Chairman Knight asked if it was not so much the installation process but the proximity to the plant and size of the pipe that was of concern.

Mr. Packer answered that there wasn't the same level of concern with smaller diameter pipes because that is a different application process, but with the larger size of pipe it required a more complex application and curing process thus there is more to observe and more risk involved.

Mr. Worthen stated they also discussed taking liner samples as part of the inspection to ensure the quality was there.

Mr. Kennedy asked about the liner sample and testing process and if that task was in addition to or included in the existing task and who would pay for the testing.

Mr. Worthen stated that the testing would be paid for by SVWRF not the contractor so the data collected could be managed by SVWRF.

Mr. White asked if Bowen Collins had the resources for 24-hour inspection services.

Mr. Packer stated they had to hire an additional person and that the project would require three persons with overlapping schedules. The person they hired had previous CIPP experience.

Mr. White said his understanding was the cost for the additional inspection services was built into the current budget so there would be no extra billing to the entities for this.

Mr. Worthen stated yes it was included in the budget.

Mr. Kennedy moved to approve the task order amendment to Bowen, Collins & Associates and increase the authorized not to exceed amount by an additional \$219,598 and authorize the Board Chairman to sign the Amendment upon review and acceptance by the Facility Attorney. Mr. White seconded the motion. All were in favor motion carried.

**PROJECT UPDATES
ON CIPP PROJECT**

Mr. Worthen asked to have Mr. Packer give updates on the CIPP project so the Board could ask questions before he was excused from the meeting. He gave an overview of the map showing the pipe manholes and reviewed the request by the contractor to move the start of the non-styrene product application to a manhole closer to the plant. He further presented the topic of styrene vs. non-styrene for the lining material in the 54" pipe, the potential odor nuisances to the public and possible discharge hazards to the plant. He further stated the contractor had offered a substantial credit of \$440,000 to move the starting location for installation of the non-styrene material. He said SVWRF's initial response to their request was to proceed as specified but

wanted to make the Board aware of the offer and if the Board decided to accept their offer the decision needed to be made quickly as the project is gearing up to begin in September.

Mr. Packer said that consideration of risk exposures was important before a decision was made to accept their offer.

Mr. Clegg asked if changing to styrene in this location was strictly an odor issue or was there a risk to the plant processes.

Mr. Worthen said there isn't enough data yet to know exactly what impact the styrene will have. He stated that South Valley Sewer District is beginning their lining project next week and SVWRF will monitor their project to assess the odor and toxicity levels of the styrene.

Mr. Rawlings stated that styrene is in the benzene family and has properties similar to gasoline such as odor and flammability.

The Board further discussed various potential issues using styrene material in the area where non-styrene material had been specified including toxicity levels, seasonal impact on odor complaints, and the constraints when work can be done in the area near Gardner Village

Mr. Worthen explained the different options for diluting the curing agent and that controlling the discharge rates was the method specified for this project. He further stated that flow from South Valley Sewer's project would be closely monitored to analyze the impact to the plant.

Chairman Knight asked Mr. Packer how soon the contractor needed an answer saying we need to do our due diligence examining the possibilities and risks and asked Mr. Packer to obtain a deadline from the contractor for a response. He said that \$440,000 was a significant savings and unless this change would adversely affect the plant the board should consider accepting their offer.

Mr. Cowdell asked Mr. Worthen what the plan was from here.

Mr. Worthen stated the contractor would be contacted to determine the reason for this request and obtain a date for response and then disseminate that information to the board. He stated he would be out of town and asked Mr. Packer to drive this task.

Mr. Cowdell stated there wouldn't be a board meeting before the decision on this issued needed to be made and asked if the board was agreeable to Mr. Rawlings contacting them by email with the requested information and giving him direction in the same way.

The board was agreeable with Mr. Cowdell's suggestion.

Mr. Rawlings asked Mr. Packer to address the handling of the Jordan River

Trail during construction.

Mr. Packer said that as the contractor mobilizes their equipment if there is any impact to the trail they would prepare a detour plan to keep the trail open. That plan needs to be approved by the city three weeks prior to the disruption. Notice to the public of the disruption would be done through signs, flyers and a website.

**FUNDING FOR AIR
PIPING REPLACEMENT
PROJECT C)**

Mr. Dunn presented financial data on the funding sources for project 5 and their current status. He said that the first \$24.7 million was to come from bonding which that pot of money is essentially gone. The second \$912,000 for the Air Piping Replacement can be paid for with bond funds according to the financial advisors. He said the \$1,000,000 in the RM&A fund will also be exhausted. He further said there was an additional \$300,000 in change orders that would be billed to the entities as part of the monthly bill. He said that the entities normally received a refund at the end of the year but that would most likely be reduced to pay for this project. He reviewed with the board the approved funding sources for the project stating each entity needed to decide which monies would be expended first, i.e. bonds, cash payments, etc. He further stated the costs would be allocated based on capacity rights as previously agreed to.

Mr. Cowdell asked Mr. Dunn to be sure that distribution of costs were done according to the last adopted resolution. He further suggested the board members discuss with their entities the available funding options and give direction to Mr. Dunn accordingly.

Mr. White asked if the RM&A is funded by capacity rights or flow and load.

Mr. Worthen responded that in years past it was based on flow and load but the Board had last decided to fund it based on capacity rights.

Mr. Clegg asked if West Jordan would be billed for the costs through the construction account or through a separate bill.

Mr. Dunn said that it would be billed through the construction account.

**AMEND
MISSIONSQUARE
(ICMARC) PLAN TO
INCLUDE USE OF
BROKERAGE
SERVICES**

Mr. Rawlings gave a brief description of the proposed amendment to include brokerage services in the employee retirement investment plan.

Mr. Cowdell stated he had read the documents and didn't have any issues.

Mr. White moved that the Board approve amending SVWRF's Plan with MissionSquare to include use of Self-Directed Brokerage Services and direct the General Manager to sign the Plan Enrollment Forms. Mr. Powell seconded the motion. All were in favor motion carried.

**APPROVE CONSENT
CALENDAR**

The following items were included in the Consent Calendar:

- a. Ratify Check Register: June and July 2021

- b. Approval of Minutes: June 16, 2021 Board Meeting
- c. Next Board Meeting Date: September 15, 2021.

The Board discussed changing the October Board Meeting and deferred the decision to a future date.

Mr. Powell moved to approve the Consent Calendar as stated. Mr. Kennedy seconded the motion. All were in favor motion carried.

**GENERAL MANAGER'S
REPORT**

Mr. Rawlings updated the Board on the Lark clean-up project. He said that the original contractor running the project had parted ways with the developer. The contractor had not been doing any sampling or documentation as SVWRF had expected. He said SVWRF met with the developer and his attorney and determined that SVWRF would take over the sampling and data collection tasks. He said that SVWRF was providing the labor and the developer would be responsible for the costs of testing. He further stated there is a need for a dedicated vehicle to collect the samples because of the odor and contamination issues that occur in the sample collection process.

Chairman Knight said SVWRF has a vested interest in cleaning up this property.

Mr. Cowdell agreed and SVWRF is bending over backwards to facilitate this process.

Mr. Rawlings stated that about forty trenches have been excavated and about eight or nine of the newly excavated trenches have been tested. He said the tests are coming back with barely countable fecal coliform so it will meet class B restrictions to be land applied. He said that the developer wanted to submit a request to the state for natural attenuation which is underground treatment of the bacteria. He said the hurdle now is to figure out how to dry the material quicker.

Chairman Knight said that SSID might have a vehicle that could be used for sampling. He further said that SVWRF was willing to pay for the labor costs of personnel to perform the sampling but wanted to be sure other additional costs would be covered by the developer. He asked what the estimated cost for testing would be.

Mr. Cowdell said that the developer is agreeable to paying for the associated costs of testing which is estimated to be about \$200,000. He further stated that the developer feels Mr. Rawlings is over-killing on the testing and requested he not test so much but has agreed to pay for it and he would talk to him about a vehicle. He reiterated that SVWRF is responsible for the sludge and it is best if SVWRF runs the sampling and testing so that it is performed correctly.

PROJECT UPDATES

Mr. Worthen presented updates on Project 5 saying that the project was about 3/4 of the way done. He reviewed details of the progress on the bioreactors. He further reviewed the progress on the Grit building saying they are currently

doing loop checks on communications and controls stating that all programming for this was done in house. When that is done then utility water testing would be started. When that was complete they would begin wastewater testing and piping connections would be made to the building. He reviewed details of miscellaneous items contained in the construction report. He said the landscaping project was going out for bid on September 3rd and hoped that project would come within budget and would present that bid to the Board for approval at the next meeting; the goal was to have the landscaping completed before the end of this year. He said the Thermal Drying Systems were scheduled to be up and running by Labor Day so SVWRF could begin testing and anticipated the job could be completed by the end of September.

CLOSED MEETING

No Closed Meeting was held.

**LONG TERM
PLANNING**

There was no long term planning.

OTHER BUSINESS

There was no other business.

ADJOURNMENT

Chairman Knight declared the meeting adjourned. The Board was in agreement. Meeting was adjourned at 1:26 p.m.

Jerry Knight, Chairman

Sherie K. Warner, Acting Clerk