

**SOUTH VALLEY WATER RECLAMATION FACILITY  
BOARD MEETING  
Wednesday, June 16, 2021  
7495 South 1300 West  
West Jordan, Utah 84084**

<b>Attendance</b>	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

**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 was as follows:

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

**Ceremonies/  
Presentations/Public  
Comments** None

**Ratify Award of  
Bioreactor 2 Clean Out** This project was advertised in May and June with a bid opening held on June 8, 2021. Two bids were received. PRS Industrial Services and Clean Harbors.

Staff reviewed the bids with legal counsel. The apparent low bid was not accepted because the bid was determined to be incomplete and had errors. The project was awarded to PRS Industrial Services. They submitted a bid for \$176,145.00. The difference in the two bids appeared to be \$2,712.82.

**Mr. White moved that the board ratify the award of Bioreactor 2 Grit Removal to PRS Industrial Services in the amount of \$176,145.00. Mr. Powell seconded the motion. All were in favor, motion carried.**

**Estimation of Flows for  
Next 20 Years** The question comes up, what is the appropriate design capacity we should be planning for as we look ahead the next 20 years? Mr. Worthen mentioned that over the past several weeks he reached out to representatives from each of the member entities to discuss future build out in their areas.

Additional information discussed which needs to be considered for the Capital

Facility's plan is as follows:

1. Evaluate South Valley Water Reclamation Facility i.e. What are the facilities designed for, and what is the condition of those facilities?
2. Projected flows based on estimated growth rates.
3. Projections from South Valley Sewer District. SVSD's estimated growth rate from 2020 to 2029 is 4.4%.
4. Pollutant concentrations at SVWRF. Ammonia concentrations arriving at SVWRF have all changed noticeably since JBWRF went online. TSS & BOD concentrations have gradually increased, likely caused by water efficient appliances and conservation practices.

SVWRF's bioreactors and clarifiers are built for 50 MGD removal of BOD, TSS, and Ammonia. Headworks was built to expand beyond 50 mgd average daily flow by the implementation of new equipment, existing equipment will wear out long before we reach those flows. UV Disinfection went on line in 2001 and it was built for 50 mgd of disinfection and is due to be upgraded in the near future as the electrical infrastructure in the building has reached its useful life. The new grit facility being built with Project 5 as well as the improvements in the bioreactors for nutrient removal have been designed for 40 mgd.

Mr. Worthen wrapped up by asking the board to think about what appropriate design capacity we should be planning for. Staff feels that 40 mgd is a conservative number at this point.

Staff, along with Carollo Engineers, will continue to process all of the information and develop a Capital Facility's Plan to be presented at the September board meeting.

**Consent Calendar**

Items included on the consent calendar are as follows:

- Ratify Check Register: May 2021
- Approval of Minutes: May 19, 2021 Board Meeting
- Next Board Meeting Date: June 16, 2021

**Mr. Powell 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**

Mr. Worthen gave a brief update on Project 5.

Bioreactor 5 has been shut down. Recently, the aeration for the facility was shut down for several hours for the removal of the buried 48" corroded air pipe, which feeds Bioreactor 5. A second shut down will take place in the near future to re-build a 48" air pipe above ground to refeed Bioreactor 5. Overall, the contractor is continuing to make good progress.

Cathodic protection has been installed in the corroded pipe under Blower Building 3. Cathodic protection will be expanded into the facility influent lines we have yet to tie into to protect the pipes going from the splitter box to the new Grit Facility Building.

Due to the hot weather, PVC piping in Bioreactor 2 and Bioreactor 5 have been damaged. RM&A funds will be used for the repairs.

PRS Industrial Services is in the process of cleaning out Bioreactor 2 and should be finished by July 2.

The Grit Facility should reach substantial completion in October, 2021.

Mr. Worthen concluded with pictures of the project.

**Closed Meeting**

There was no closed meeting.

**Other Business**

There was no other business discussed.

**Adjournment**

Chairman Knight adjourned the meeting at 1:19 pm.

---

Jerry L. Knight, Board Chairman

---

Belinda Patterson, Facility Clerk