

SOUTH DAVIS SEWER DISTRICT  
BOARD OF TRUSTEES  
REGULAR MEETING  
21 March 2019

The Board of Trustees of the South Davis Sewer District, Davis and Salt Lake Counties, met in regular session at 5:00 p.m. at the District Office located at 1800 West 1200 North, West Bountiful, Utah, with the following members present:

Dee Hansen	Chairman
Howard Burningham	Vice-Chairman
Randy Lewis	Trustee
Mark Preece	Trustee
Len Arave	Trustee
Ryan Westergard	Trustee

Excused:

John Davies	Trustee
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Others meeting with the Board:

Dal Wayment	General Manager/Treasurer
Mark Katter	Accounting Manager/Clerk
Susanne Monsen	Administrative Asst/Asst Clerk
Matt Myers	Engineer
Ron Mortensen	Resident, Bountiful
Deby Marshall	Resident, West Bountiful

1. MINUTES:

The meeting was called to order at 5:00 p.m. at which time the Chairman asked for comments of the regular Board Meeting held 21 February 2019. After consideration motion was made by Mr. Randy Lewis seconded by Mr. Mark Preece to accept the Minutes as presented. Motion carried unanimously with Trustees Hansen, Burningham, Lewis, Preece, Arave and Westergard voting "aye",

2. BUDGET REPORT:

The Budget Report dated 3/18/19 was presented for review. The combined Revenue Budget has received 28% in revenues; the Collection System is 20% expended; Treatment Plants are 25% expended; Industrial Pretreatment is 23% expended; Capital Expansion is 11% expended; Water Quality Group (JR/FB) is 15% expended; OU2 Remediation is 6% expended; Water Quality Group (Utah Lake) is 8% expended; and General & Admin is 29% expended. The budget ratio to calendar months is 21%.

3. INVESTMENT REPORT:

No changes.

4. APPROVAL OF DISBURSEMENTS:

Trustees did not request review on Zions Bank checks. After consideration and some review motion was made by Mr. Len Arave seconded by Mr. Ryan Westergard to accept the Disbursements as presented. Motion carried unanimously with Trustees Hansen, Burningham, Lewis, Preece, Arave and Westergard voting "aye".

5. APPROVAL OF SEWER LINE AGREEMENTS:

A. SHAMROCK VILLAGE PHASE 5 SUBDIVISION - PROJECT NO. 2-19.

Mr. Wayment recommended the Agreement for Shamrock Village Phase 5 Subdivision, located at approximately 1825 West 2135 South in Woods Cross, known as Project No. 2-19, be accepted.

Motion was made by Mr. Howard Burningham seconded by Mr. Len Arave to authorize the Chairman to sign the Agreement for Shamrock Village Phase 5 Subdivision. Motion carried unanimously with Trustees Hansen, Burningham, Lewis, Preece, Arave and Westergard voting "aye".

6. APPROVAL OF SEWER LINE DEEDS:

A. BRISTOL VILLAGE - PROJECT NO. 11-17.

The Deed for Bristol Village located in Bountiful, has been received. The total sewer costs for this development are \$58,685.00.

B. OLDE TOWNE CENTRE SUBDIVISION (PUD) - PROJECT NO. 9-18.

The Deed for Olde Towne Centre Subdivision (PUD) located in Woods Cross, has been received. The total sewer costs for this development are \$112,975.00.

C. STONE CREEK ESTATES SUBDIVISION PHASE 1 - PROJECT NO. 11-18.

The Deed for Stone Creek Estates Subdivision Phase 1 located in Bountiful, has been received. The total sewer costs for this development are \$147,756.00.

Motion was made by Mr. Mark Preece seconded by Mr. Randy Lewis to accept the Deeds for Bristol Village, Olde Towne Centre Subdivision (PUD) and Stone Creek Estates Subdivision Phase 1. Motion carried unanimously with Trustees Hansen, Burningham, Lewis, Preece, Arave and Westergard voting "aye".

7. DECLARE SURPLUS PROPERTY - 3 GENERATORS:

The District has three standby generators which were purchased used in anticipation of the Advanced Biological Nutrient Removal and Wasatch Resource Recovery projects. We have reached a point where we know we will not be able to utilize these generators. Mr. Burningham asked if we would be able to recover the cost of these generators. Mr. Wayment indicated we were able to purchase these generators at very reasonable prices and that we should be able to recover their cost.

Motion was made by Mr. Howard Burningham seconded by Mr. Len Arave to declare the three generators reviewed as surplus. Motion carried unanimously with Trustees Hansen, Burningham, Lewis, Preece, Arave and Westergard voting "aye".

8. ADVANCED BIOLOGICAL NUTRIENT REMOVAL (ABNR) PROJECT - PROGRESS REPORT:

The status of the ABNR project is unchanged. We are continuing investigations to determine the source of toxicity to the algae at our South Plant. We have operated the pilot scale facilities at both plants on North Plant effluent with complete success. The University of Illinois is performing studies on heavy metals which still seem to be the source of toxicity. TRE Environmental Strategies in Colorado is continuing to evaluate South Plant effluent using Whole Effluent Toxicity (WET) biomonitoring techniques. District and Clearas staff will initiate a series of studies beginning next week. We will perform the standard EPA biomonitoring manipulations and test those effluents using two small scale photobioreactors. District staff met with Erica Gaddis, Director of the Division of Water Quality (DWQ). She continues to support the District's efforts to solve this problem and implement the ABNR process. Staff had a phone conference with John Mackey, the department head over approving the ABNR process and the funding. We continue to have his support. State Revolving Loan Funds are still in place and he would support moving the project to the North Plant should that prove feasible.

9. WASATCH RESOURCE RECOVERY (WRR) PROJECT - PROGRESS REPORT:

Construction crews are working diligently to complete the final stages of construction and commissioning of the WRR facilities. The gas scrubbing skid has finally come together. They have asked for some digester gas to start up part of that process next week. We should see gas through the entire system in 30-45 days. Factory personnel from Suez have been here the last few weeks to start up the packaged waste system, the hydrolysis tank and the first digester. We have been bringing in significant food waste of various sorts to be able to operate equipment and to train our operators. We have fed sufficient food waste to the hydrolysis tank that we are now feeding from the hydrolysis tank to the digester. The digester is producing gas. We are currently producing about six times the gas as the South Plant digesters.

The logistics of the various feed stocks, the trucks, coordinating with the de-packaging equipment and feeding the digesters has been challenging. We have had numerous teething problems, but overall things have gone well. We continue to receive inquiries from new sources and existing sources are requesting us to handle more waste than we were expecting.

Mr. Lewis inquired whether we would have a dedication program for the facility. The Board discussed the successful open house and inviting Governor Herbert who was the key note speaker for the project ground breaking to come to the dedication. It was felt that exposure to the public and particularly businesses who might be interested in participating would benefit the project.

10. GENERAL MANAGER'S REPORT:

A. NEW HIRES.

The District has hired Mr. Norman Robinson. Mr. Robinson has been the senior operator at the Des Moines, Iowa, treatment plant. Des Moines has the oldest food-waste-to-energy facility that we have record of. They began processing food waste in 1994. Mr. Robinson has over 20 years of experience as a treatment plant operator, is a Grade III operator and has a degree in wastewater treatment. His assignment will be to operate WRR facilities.

We are receiving a very significant quantity of bottled products, soda pop, beer and milk, requiring that we hire two laborers to process these materials. We had always expected this requirement, but the need has occurred earlier than expected.

B. DEVELOPMENT WEST OF JORDAN RIVER.

District staff met this week with a developer and his engineer regarding proposed development west of the Jordan River near the South Plant. The developer is proposing that North Salt Lake City annex this area. He has requested that the District consider providing sewer service for this project. A concept level review of the area by the engineer indicates that the area could support as many as 30,000 people. Serving the current proposed subdivision of several hundred homes or the greater area would be a significant challenge for the District. Mayor Arave reported that the North Salt Lake City Council discussed the matter at their most recent council meeting. No clear indication of the City's willingness to annex this area was given. The District's contractual relationship with its member cities includes a requirement that the District be prepared to support a city's development goals. If the area is annexed the District would respond to accomplish that.

C. GILMOR FAMILY/BIOSOLIDS.

District staff met with the Gilmor family. They were very happy with the biosolids campaign this fall. We discussed their interest in continuing to utilize biosolids in their agricultural application. They are also interested in expanding the program to include biosolids from WRR.

D. DIVISION OF ENVIRONMENTAL QUALITY.

District staff along with staff from South Valley Water Reclamation Facility, Central Valley Water Reclamation Facility and legal counsel met with DWQ regarding new statutory fee requirements for entities under the jurisdiction of the Division of Waste Management and Radiation Control. Waste Management had begun invoicing Publicly Owned Treatment Works (POTWs) fees for biosolids and composting operations. The District was also concerned how fees would apply to waste being received by WRR and recycle streams leaving the project.

We were able to explain POTW and WRR operations to this group. We reached a tentative agreement on most of these issues. Legal counsel will prepare a proposal to be submitted to Waste Management.


11. NEXT MEETING SCHEDULED:

The next meeting has been scheduled for Thursday, 18 April 2019, 5:00 p.m.

12. DISMISSAL:

The meeting ended at 6:50 p.m.

  
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Assistant Clerk

  
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Chairman, Board of Trustees