

SOUTH DAVIS SEWER DISTRICT  
BOARD OF TRUSTEES  
REGULAR MEETING  
18 April 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             |
| John Davies       | Trustee                   |
| Randy Lewis       | Trustee                   |
| Mark Preece       | Trustee                   |
| Len Arave         | Trustee                   |
| Ryan Westergard   | Trustee (Excused 6:00 pm) |

Others meeting with the Board:

|                |                                |
|----------------|--------------------------------|
| Dal Wayment    | General Manager/Treasurer      |
| Susanne Monsen | Administrative Asst/Asst Clerk |
| Matt Myers     | Engineer                       |
| Jacob Scott    | E-I-T                          |
| Scott Rogers   | Aqua Engineering/ALPRO         |
| Andy Robbins   | Moreton Asset Management       |

1. MINUTES:

The meeting was called to order at 5:04 p.m. at which time the Chairman asked for comments of the regular Board Meeting held 21 March 2019. After consideration motion was made by Mr. Randy Lewis seconded by Mr. Len Arave to accept the Minutes as presented. Motion carried unanimously with Trustees Hansen, Burningham, Lewis, Preece, Arave and Westergard voting "aye",

2. BUDGET REPORT:

A. SOUTH DAVIS SEWER DISTRICT.

The Budget Report dated 4/15/19 was presented for review. The combined Revenue Budget has received 29% in revenues; the Collection System is 23% expended; Treatment Plants are 30% expended; Industrial Pretreatment is 28% expended; Capital Expansion is 11% expended; Water Quality Group (JR/FB) is 22% expended; OU2 Remediation is 7% expended; Water Quality Group (Utah Lake) is 16% expended; and General & Admin is 32% expended. The budget ratio to calendar months is 29%.

B. WASATCH RESOURCE RECOVERY (WRR).

The Budget Report dated 4/15/19 for WRR was presented for review. This report includes revenues and expenses from 1/1/19 to present. The combined Revenue Budget has received 1% in revenues and is 6% expended. This report also included checks from 1/1/19 to 4/15/19.

3. INVESTMENT REPORT:

Current investments are maintained by Zions Bank, Public Treasurer's Investment Fund (PTIF) and Moreton Asset Management. Moreton currently holds \$4 million at approximate interest rate of 2.5675%.

4. APPROVAL OF DISBURSEMENTS:

Trustees requested review on Zions Bank check numbers 28272, 28292, 28307. After consideration and some review motion was made by Mr. John Davies seconded by Mr. Len Arave to accept the Disbursements as presented. Motion carried unanimously with Trustees Hansen, Burningham, Davies, Lewis, Preece, Arave and Westergard voting "aye".

A. OPERATOR CERTIFICATION TRAINING REIMBURSEMENT.

Several District employees took the certification examination offered by the Division of Water Quality in April. The math section of these exams is typically the most difficult. Our employees have attended math training in the past with limited success. Rather than sending our employees to a one-day session prior to the test, Judy Wayment (the General Manager's wife) held three 1-1/2 hour training classes weekly (Mon-Wed-Fri) for a month prior to the exam. Judy holds a master's degree in special education and has been tutoring math and reading for over 40 years. Mr. Wayment reviewed the cost for past training and requested authorization to pay the invoice to Judy Wayment for this training.

Motion was made by Mr. Howard Burningham seconded by Mr. John Davies to authorize payment of this disbursement. Motion carried unanimously with Trustees Hansen, Burningham, Davies, Lewis, Preece, Arave and Westergard voting "aye".

5. REVIEW DISTRICT INVESTMENT POLICY AND CONSIDER AMENDMENTS ALLOWING INVESTMENTS IN NEGOTIABLE CDs:

A presentation was made by Mr. Andy Robbins from Moreton Asset Management. Mr. Robbins discussed recent changes to the Money Management Act and reviewed the District's current investment policy. These changes will allow the District to invest in negotiable certificates of deposit. This new asset class will help diversify the District's portfolio as well as improve liquidity and yield. Two minor changes to the District's investment policy were suggested.

Motion was made by Mr. Len Arave seconded by Mr. Ryan Westergard to authorize two changes to the District's current policy which include increasing investment of Corporate Bonds and Commercial Paper to 10% in accordance with the changes in the Utah Money Management Act. Motion carried unanimously with Trustees Hansen, Burningham, Davies, Lewis, Preece, Arave and Westergard voting "aye".

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

Recent testing has shown that the South Plant effluent contains enough fluoride and magnesium that they may be a factor in the algae inhibition. District staff is conducting a series of pilot scale tests to continue to identify the source of inhibition. Testing so far has been negative. Staff reviewed options that could be implemented if we are unable to identify and/or remove the algae toxicity. We could move the algae technology to the North Plant to address nutrient removal requirements and use conventional biological nutrient removal at the South Plant to achieve its permit limits. The North Plant is under the same deadlines and approximately the same permit limits as the South Plant. Nutrient removal must be addressed there as well. We had hoped to demonstrate the ABNR technology at the smaller South Plant. Informal meetings with the Division of Water (DWQ) staff has indicated that we would very likely to be able to move the State Revolving Loan funding to support the ABNR project at the North Plant.

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

The WRR project has begun receiving food waste from a number of sources and we have started to fill the hydrolysis tank. We are also feeding from the hydrolysis tank to the digesters. We have transferred enough material to begin producing gas. We have been feeding 20,000-30,000 gallons of biosolids from the South Plant digesters to the WRR digesters as seed material. To accelerate filling the digesters we have begun hauling 20,000-30,000 gallons per day from the North Plant digesters. Other construction activities are going well. We are experiencing many interesting challenges dealing with packaged liquid wastes delivered on pallets.

8. GENERAL MANAGER'S REPORT:

A. NEW ORLEANS FOOD AND BEVERAGE ENVIRONMENTAL CONFERENCE.

The General Manager and Scott Rogers from Aqua Engineering were invited to make presentations on the WRR project at the Food and Beverage Environmental Conference in New Orleans. This conference involves senior environmental sustainability managers from major national corporations. We made some excellent contacts with PepsiCo, Coca-Cola, West Liberty Foods (which has a large facility in Tremonton) and others.

B. MEETING WITH SWIRES.

The local Coca-Cola distributorship is owned by the Swires Company. This turns out to be an extremely large, closely-held, international company headquartered in England with huge commercial and property interests throughout the world. Their representative was interested in both the WRR and ABNR projects.

C. AQUAFIX.

We experienced ammonia exceedances at the North Plant in December, January and February. During that time, we have been working with a firm called Aquafix, who specializes in the biology and chemistry of nitrification. They are currently running lab scale testing using North Plant wastewater and micro-organism samples out of our trickling filters. One interesting sideline is one of the researchers suggested that a significant portion of nutrient removal in the trickling filters is being accomplished by the algae growing on the filters.

9. NEXT MEETING SCHEDULED:

The next meeting has been scheduled for Thursday, 16 May 2019, 5:00 p.m.

10. DISMISSAL:

The meeting ended at 7:50 p.m.



Assistant Clerk

  
Chairman, Board of Trustees