

SOUTH DAVIS SEWER DISTRICT  
BOARD OF TRUSTEES  
REGULAR MEETING  
23 June 2022

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	Chair
Howard Burningham	Vice-Chair
John Davies	Trustee
Kendalyn Harris	Trustee (excused 7:35 pm)
Brian Horrocks	Trustee
Mark Preece	Trustee
Ryan Westergard	Trustee

Others meeting with the Board:

Dal Wayment	General Manager/Treasurer
Matt Myers	Assistant General Manager
Mark Katter	Accounting Manager/Clerk
Susanne Monsen	Administrative Asst/Asst Clerk
Lanese Hendrickson	Engineer
Brad Rasmussen	Aqua Engineering
Edgar Teran	Aqua Engineering

At 5:00 p.m. Board Members and staff met at the North Plant for a tour and demonstration of biosolids dewatering equipment which included a Huber screw press and a rented Andritz belt press.

1. OPEN MEETING:

The Chair called the meeting to order at 5:19 p.m.

2. APPROVAL OF MINUTES:

The Chair asked for comments of the regular Board Meeting held 19 May 2022. After consideration motion was made by Ryan Westergard seconded by Kendalyn Harris to accept the Minutes as presented. Motion carried with Trustees Hansen, Burningham, Davies, Preece, Horrocks, Harris and Westergard voting "aye".

3. BUDGET REPORT:

A. SOUTH DAVIS SEWER DISTRICT.

The Budget Report for the period ending May/2022 was presented for review. The combined Revenue Budget has received 42% in revenues; The Collection System is 38% expended; Treatment Plants are 40% expended; Industrial Pretreatment is 42% expended; Capital Expansion is 23% expended; Water Quality Group (JR/FB) is 23% expended; OU2 Remediation is 49% expended; Water Quality Group (Utah Lake) is 40% expended; and General & Admin is 32% expended. The budget ratio to calendar months is 41%.

B. WASATCH RESOURCE RECOVERY.

The Budget Report for the period ending May/2022 was presented for review. The Revenue Budget has received 11% in revenues and is 42% expended. The budget ratio to calendar months is 41%.

4. INVESTMENT REPORT:

Current investments May/2022) are maintained by Zions Bank, Public Treasurer's Investment Fund (PTIF) and Moreton Asset Management. Zions Trust held approximately \$10.7 million at an interest rate of 0.8032% (funds are with PTIF); PTIF held approximately \$4.8 million at an interest rate of 0.8032%; and, Moreton held approximately \$1.8 million at an interest rate of 1.3682%.

5. APPROVAL OF DISBURSEMENTS:

Trustees reviewed the Zions Bank check number 32518. After consideration motion was made by Howard Burningham seconded by Brian Horrocks to accept the Disbursements as presented. Motion carried unanimously with Trustees Hansen, Burningham, Davies, Preece, Horrocks, Harris and Westergard voting "aye".

6. APPROVAL OF SEWER LINE DEEDS:

A. COTTAGES ON MAIN PHASES 1 & 2 - PROJECT NO. 15-19.

The Deed for Cottages On Main Phases 1 & 2, located in Bountiful, has been received. The total sewer costs for this development are \$148,175.00.

B. TLS AT WOODS CROSS SUBDIVISION - PROJECT NO. 2-20.

The Deed for TLS At Woods Cross Subdivision, located in Woods Cross, has been received. The total sewer costs for this development are \$322,008.00.

C. 5<sup>TH</sup> & ORCHARD TOWNHOMES PUD - PROJECT NO. 4-20.

The Deed for 5<sup>th</sup> & Orchard Townhomes PUD, located in Bountiful, has been received. The total sewer costs for this development are \$98,693.00.

Motion was made by Kendalyn Harris seconded by John Davies to accept the Deeds for Cottages on Main Phases 1 & 2, TLS at Woods Cross Subdivision and 5<sup>th</sup> & Orchard Townhomes PUD. Motion carried unanimously with Trustees Hansen, Burningham, Davies, Preece, Horrocks, Harris and Westergard voting "aye".

7. 2021 AUDIT/ANNUAL FINANCIAL REPORT - REVIEW AND APPROVE:

In the absence of the auditor and audit documents motion was made by Ryan Westergard seconded by Mark Preece to table this item for a future date. Motion carried unanimously with Trustees Hansen, Burningham, Davies, Preece, Horrocks, Harris and Westergard voting "aye".

Again, this year, the District will issue an Annual Financial Report as part of the annual audit. The Annual Financial Report provides extensive discussion and statistics regarding the District's financial activities.

After review and some discussion motion was made by John Davies seconded by Brian Horrocks to accept the Annual Financial Report for the year ending 2021 subject to revision and update as presented. Motion carried unanimously with Trustees Hansen, Burningham, Davies, Preece, Horrocks, Harris and Westergard voting "aye".

8. CONSIDER RESOLUTION NO. 113-22 / ADOPTION OF THE FINAL TAX RATE:

The County Assessor's office has calculated and forwarded the documentation for the District's final tax rate for this budget year. Based on their assessed valuation the certified tax rate for 2022 will be .000238 and generate revenues in the amount of \$3,143,515.00. These numbers do not appear to include the tax increase approved for 2022 at the truth in taxation hearing held on 12/2/21. We will investigate further and get back to the Board.

Motion was made by Kendalyn Harris seconded by Brian Horrocks to table this items for a future date. Motion carried unanimously with Trustees Hansen, Burningham, Davies, Preece, Horrocks, Harris and Westergard voting "aye".

9. CONSIDER RESOLUTION NO. 183 - APPROVING AN INTERLOCAL COOPERATION AGREEMENT WITH THE REDEVELOPMENT AGENCY OF CENTERVILLE CITY REGARDING THE PORTER-WALTON COMMUNITY REINVESTMENT PROJECT AREA:

Centerville City is proposing a community redevelopment project for property along the Centerville Frontage Road south of 400 South. Mr. Rob Sant of Lewis, Young, Robertson & Burningham, Inc., representing the Redevelopment Agency of Centerville made a presentation at the May meeting as to the purpose of the project and the function of the tax increments involved. The District supported the City's objectives for this project. In reviewing this Agreement with Mark Anderson, the District's legal counsel, he recommended some minor revisions. Resolution No. 183 approving this revised Agreement was presented for approval.

Motion was made by Kendalyn Harris seconded by Ryan Westergard to adopt Resolution No. 183 approving the Interlocal Cooperation Agreement with the Redevelopment Agency of Centerville as presented. Motion carried unanimously by a roll call vote with Trustees Hansen, Burningham, Davies, Preece, Horrocks. Harris and Westergard voting "aye".

10. SOUTH PLANT REHABILITATION AND NUTRIENT REMOVAL PROJECT REPORT:

On June 22<sup>nd</sup> the new moving bed bioreactor (MBBR) process was put online. The MBBR was completed several months ago. We have been feeding it wastewater and nutrients on a batch basis to get a head start on developing biomass. Sampling is limited since placing the unit online, but appears to indicate that the process is already functioning. Other works such as installing the headworks screens continues. Progress continues to be hampered by shortages such as the shortage of concrete.

11. NORTH PLANT REHABILITATION AND NUTRIENT REMOVAL PROJECT:

A. CONSIDER ALTERNATIVES FOR NUTRIENT REMOVAL PROCESS.

The District's request to the Division of Water Quality (DWQ) for a two-year extension on the North Plant compliance schedule was limited to a one-year extension in the State's response. This time frame is not adequate for the District to complete the pilot testing to solve our issues with the advanced biological nutrient removal (ABNR/algae) process. Aqua Engineering and District staff have been working on plans to comply with this deadline. Brad Rasmussen of Aqua Engineering presented the options that have been developed. These options along with cost estimates and timetables were discussed in detail.

Motion was made by Ryan Westergard seconded by John Davies to proceed with the Phase 1 Option which is to design and construct an MBBR process at the North Plant with a capacity of 1200-lbs. of ammonia nitrogen per day. Motion carried unanimously with Trustees Hansen, Burningham, Davies, Preece, Horrocks, Harris and Westergard voting "aye".

B. CONSIDER ALTERNATIVES FOR BIOSOLIDS DEWATERING.

Lanese Hendrickson, District staff engineer, presented the results of a study to quantify biosolids dewatering needs and options for dewatering. With population growth biosolids volume has increased. The addition of phosphorus removal has increased biosolids production by more than 30%. We are currently under capacity for biosolids dewatering.

Historically, the District has used solar drying beds. These beds have provided reliable and relatively inexpensive dewatering. The existing beds are in good condition. The second option for biosolids dewatering is mechanical using centrifuges, belt filter presses, screw presses or other technologies. The District could construct additional drying beds or it could go to mechanical dewatering entirely. After reviewing life cycle costs and discussions with operations personnel it is being recommended that we retain the drying beds to take advantage of their economy of operation and to construct mechanical dewatering facilities to provide needed new capacity.

Motion was made by Ryan Westergard seconded by John Davies to proceed with Option 5 which includes utilizing a combination of the existing sludge beds and a purchasing a screw press. Motion carried unanimously with Trustees Hansen, Burningham, Davies, Preece, Horrocks and Westergard voting "aye".

12. WASATCH RESOURCE RECOVERY (WRR) PROJECT REPORT:

Several weeks ago, the motor for the main gas compressor burned up. The motor was rewound and temperature sensors were added. Upon placing the motor in service, it was found that the winding and bearing were over temperature. Several days were spent meeting with the vendor and various technicians trying to identify the root cause. The motor has now been removed and sent to a shop that specializes in testing and evaluating large motors. In the meantime, we have been identifying sources for a new motor if necessary. Fortunately, we have been able to locate a half dozen suitable motors.

The digesters are performing well and gas production is excellent. The volume of feed stock continues to grow steadily at a moderate rate. Gross contamination of some feed stocks continues to be a problem. We have recently declined to do business with several customers. We continue to have more requests to bring fats/oils/greases (FOG) than we have capacity for FOG. We are working to take samples to better understand the quality of FOG from various sources.

Our joint study with Wasatch Integrated Waste Management is making good progress. We have had two workshops over the last couple of weeks.

We are looking at consultants to assist with negotiating contracts for selling our renewable natural gas (RNG). The value of RNG has approximately doubled over the last two years.

After completing a process to remove and contain calcium from the biosolids dewatering system, we have seen a dramatic reduction in odor complaints. This also coincides, however, with the end of winter and temperature inversions. We still have work to do.

13. NEXT MEETING SCHEDULED:

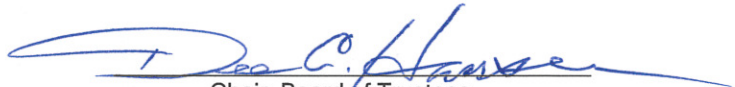
The next meeting has been scheduled for Thursday, 21 July 2022, 5:00 p.m.

14. DISMISSAL:

The Chair declared the meeting adjourned at 8:26 p.m.



Clerk



Chair, Board of Trustees