

SOUTH DAVIS SEWER DISTRICT
BOARD OF TRUSTEES
REGULAR MEETING
19 February 2015

The Board of Trustees of the South Davis Sewer District, Davis and Salt Lake Counties, met in regular session at 4:00 p.m. at the District Office located at 1800 West 1200 North, West Bountiful, Utah, with the following members present:

Arnell Heaps	Chairman
Dee Hansen	Vice-Chairman (excused at 6:00 pm)
John Davies	Trustee (via teleconference)
Howard Burningham	Trustee
Mark Preece	Trustee
Len Arave	Trustee
Ryan Westergard	Trustee

Others meeting with the Board:

Dal Wayment	General Manager/Treasurer
Mark Katter	Accounting Manager/Clerk
Susanne Monsen	Administrative Assistant
Matt Myers	Engineer
Scott Rogers	Aqua Engineering/ALPRO
Marianna Sochanska	Aqua Engineering

1. MINUTES:

The meeting was called to order at 4:10 p.m. at which time the Chairman asked for comments of the regular Board Meeting and Budget Hearing held 15 January 2015. After consideration motion was made by Mr. Len Arave seconded by Mr. Dee Hansen to accept the Minutes as presented. Motion carried with Trustees Heaps, Hansen, Davies, Burningham, Arave and Westergard voting "aye".

2. BUDGET REPORT:

The unaudited final Budget Report dated 2/12/15 was presented for review. The Collection System has received 44% in revenues and is 15% expended; Treatment Plants have received 15% in revenues and are 13% expended; Industrial Pretreatment has received 4% in revenues and is 13% expended; Capital Expansion has received 1% in revenues and is 1% expended; Water Quality Group has received 0% in revenues and is 5% expended; and OU2 Remediation has received 0% in revenues and is 10% expended. The budget ratio to calendar months is 12%.

3. APPROVAL OF DISBURSEMENTS:

Trustees requested review on Zions Bank check numbers 22062, 22066 and 22143. After consideration and some review was made by Mr. Len Arave seconded by Mr. Mark Preece to accept the Disbursements as presented. Motion carried with Trustees Heaps, Hansen, Davies, Burningham, Arave and Westergard voting "aye".

4. APPROVAL OF SEWER LINE EASEMENTS:

A. SKYPARK INDUSTRIAL PARK PHASE V - PROJECT NO. 5-14.

The sewer main lines serving this development are not located in a dedicated street, necessitating an easement document to allow the District access for maintenance.

Motion was made by Mr. Howard Burningham seconded by Mr. Len Arave to accept the Easement for Skypark Industrial Park Phase V. Motion carried with Trustees Heaps, Hansen, Davies, Burningham, Arave and Westergard voting "aye".

5. APPROVAL OF SEWER LINE DEEDS:

A. WOODS PARK SUBDIVISION - PROJECT NO. 15-13.

The Deed for Woods Park Subdivision, located in Centerville, has been received. The total sewer costs for this development are \$92,828.00.

B. SKYPARK INDUSTRIAL PARK PHASE V - PROJECT NO. 5-14.

The Deed for Skypark Industrial Park Phase V, located in Woods Cross, has been received. The total sewer costs for this development are \$10,000.00.

Motion was made by Mr. Dee Hansen seconded by Mr. Mark Preece to accept the Deeds for Woods Park Subdivision and Skypark Industrial Park Phase V. Motion carried with Trustees Heaps, Hansen, Davies, Burningham, Arave and Westergard voting "aye".

6. ALPRO PRESENTATION OF WASTE-TO-ENERGY PROPOSAL:

Mr. Scott Rogers of Aqua Engineering/ALPRO gave a presentation on current wastewater industry initiatives to maximize utilization of treatment facilities, increase energy production to meet or exceed a plants' own consumption, provide the community with more sustainable disposal options for organic wastes, including the fats, oil and greases (FOG) that plaque our collection system and to develop better options for utilizing organic byproducts. For example, the District's South Plant was originally designed to handle wastewater from the Cudahy packing plant; we only utilize less than half of the plants anaerobic digestion capacity. Advances in anaerobic digestion technology make it possible to digest more difficult to treat substrates and greater volumes of waste while generating larger volumes of methane. A number of treatment plants in the United States have become exporters of methane and/or electricity. Local opportunities for taking advantage of these technologies were discussed.

Motion was made by Mr. Dee Hansen seconded by Mr. Howard Burningham to approve a feasibility study in concept and to direct staff to prepare a proposal for next month's agenda. Motion carried with Trustees Heaps, Hansen, Davies, Burningham, Arave and Westergard voting "aye".

7. PROPOSAL FOR UPGRADING GEOGRAPHIC INFORMATION SYSTEM (GIS):

The District has budgeted 2015 funds for an extensive upgrade in our geographic information system. This upgrade is necessitated by advances in hardware and software that make our existing system obsolete. Eight options were presented to the Board, along with a present worth analysis of these options. These options have been reviewed for both cost and functionality. It has been a happy coincidence that the least cost option also meets our needs the best.

Motion was made by Mr. Ryan Westergard seconded by Mr. Howard Burningham to approve Proposal Option 2 to upgrade the District's geographic information system. Motion carried with Trustees Heaps, Davies, Burningham, Arave and Westergard voting "aye".

8. AWARD CONTRACT FOR EVERGREEN LIFT STATION AND SEWER LINES:

The development of Legacy Trails Subdivision in Centerville gives the District an opportunity to relocate a lift station that has been a problem since the construction of the Legacy Parkway. The developers have been very helpful and considerate in working with the District to relocate the lift station in conjunction with the development of this project. District staff will construct the new lift station as well as the pressure line from the lift station to the nearest gravity sewer. Gravity lines to serve the new lift station location as well as the Legacy Trails Subdivision have been bid out. The bid tabulation was reviewed. The apparent low bidder is responsive and one with which the District has had good experience.

Motion was made by Mr. Mark Preece seconded by Mr. John Davies to award the contract for the Evergreen Lift Station and sewer line to Kapp Construction. Motion carried with Trustees Heaps, Davies, Burningham, Arave and Westergard voting "aye".

9. APPROVE PURCHASE OF 90 HP PUMP FOR PUMP STATION #2 AT NORTH PLANT:

As population in the District increases, flows to its treatment plants also increase. The last major upgrades to the lift station were accomplished in the early 1990's. We have begun upgrades to individual pump stations on an as-needed basis. Four years ago we upgraded pump station #1 at the North Plant replacing a 60 HP pump with a 90 HP pump. This has not only increased pump station capacity, but associated variable frequency drive (VFD) controls have improved the reliability and operability of the pump station. We would now like to upgrade pump station #2. Installation will be done with District staff.

Motion was made by Mr. Len Arave seconded by Mr. Howard Burningham to approve the purchase of a 90 HP pump for pump station #2 at the North Plant from Utility Management Systems in the amount of \$70,417.70. Motion carried with Trustees Heaps, Davies, Burningham, Arave and Westergard voting "aye".

10. APPROVE PURCHASE OF PRESSURE WASHER TRAILER:

The District is fabricating a trailer-mounted high-pressure hot water cleaner. In addition, this trailer is to provide a hot water supply and circulation pump for curing cured-in-place-pipe (CIPP) for lining laterals. For this purpose a large water tank is needed beyond the needs of a pressure washer. R. A. Fleming Construction, who has done work for the District for the last 35+ years and is basically retired, is liquidating much of his equipment. He has a military 600-gallon aluminum surplus water tank mounted on a 8'x14' trailer, which is ideal for our purposes. A review of costs for comparable used trailers and water tanks were reviewed. Mr. Fleming's offer of \$2,000.00 for the tank and trailer is 50% or less of the fair market value for these items.

Motion was made by Mr. Mark Preece seconded by Mr. Ryan Westergard to approve the purchase of a pressure washer trailer and tank from R. A. Fleming Construction, Inc. in the amount of \$2,000.00. Motion carried with Trustees Heaps, Davies, Burningham, Arave and Westergard voting "aye".

11. APPROVE PURCHASE OF LATERAL CAMERA:

The District has two closed circuit television (CCTV) units for laterals. One unit is used by the CIPP lining crew, the second unit is used when responding to sewer backups. Two units also provide us with redundancy. Recently the control module for our oldest unit stopped working. It was returned to the factory for service. The factory indicated that it was not repairable. They provided a quote for a new unit in the amount of \$10,035.00. We were aware that Mr. Fleming had an identical unit to the one we use in like-new condition. He is willing to sell his unit, including a locator wand, for \$7,500.00. This is 17% less than the average price of used units in good condition on the internet and 25% less than the cost of a new unit.

Motion was made by Mr. Howard Burningham seconded by Mr. Len Arave to approve the purchase of a lateral camera from R. A. Fleming Construction, Inc. in the amount of \$7,500.00. Motion carried with Trustees Heaps, Davies, Burningham, Arave and Westergard voting "aye".

12. APPROVE PURCHASE OF BRIDGE CRANE FOR COLLECTION SYSTEM SHOP:

In our new Collection System Facility maintenance shop we have provided for the installation of a small bridge crane. We have a consistent use for a bridge crane for activities such as mounting and dismounting dump truck beds, removing and replacing pumps, generators and/or engines on trailer-mounted equipment and in handling steel and structures when fabricating projects. Marty Marsing, a District employee, had acquired a bridge crane for installation in his own shop, which did not materialize. He has offered the crane to the District for \$5,000.00. This is approximately 50% of the cost of used bridge cranes of similar size which we have found over the last several months on KSL.com and EBay. Triple-S Steel Supply has quoted the District a price of \$4,633.00 for sufficient I-beams of this size to fabricate our own unit.

Motion was made by Mr. Ryan Westergard seconded by Mr. Mark Preece to approve the purchase of the bridge crane from Marty Marsing for the Collection System Shop in the amount of \$5,000.00. Motion carried with Trustees Heaps, Davies, Burningham, Arave and Westergard voting "aye".

13. REVIEW STATUS OF UTAH POLLUTANT DISCHARGE ELIMINATION SYSTEM (UPDES) PERMIT:

The District, along with the other Publicly Owned Treatment Works (POTWs) on the Jordan River, has been working with the Division of Water Quality (DWQ) for the last eight months to renew their UPDES permits. We have not yet received a draft of the permit. The vast majority of permit provisions will be the same or similar to that of our current permit. The important exception to this is the effluent limit for ammonia. DWQ is proposing a significant lowering of our limit for the fall and winter seasons. Based on the last 18 months of plant data, we would exceed the proposed limit as much as 30% of the time. We believe that there are some significant questions with the State's use of its computer model of the Jordan River and the State Canal, but these are issues that probably cannot be resolved in anything less than several years. DWQ is proposing that they issue the new limits with a three-year compliance schedule allowing us time to address these issues. These lower limits could require significant upgrades to the District's treatment facilities. We expect the draft permit by the end of February.

14. REVIEW STATUS OF TECHNOLOGY BASED LIMIT RULE FOR PHOSPHORUS:

Several years ago the Environmental Protection Agency (EPA) mandated that the states develop numerical limits for nitrogen and phosphorus for all waters of the State. Determining these numerical limits is a difficult, expensive and time consuming effort. Current efforts are focused on the pristine high-quality waters above all urban development, i.e. streams and lakes in the national forest. As an interim measure the State has adopted a technology based limit for phosphorus that all discharging facilities state-wide are required to meet within five years. This limit is 1 mg/l of total phosphorus. This rule is self-implementing and the District has until the year 2020 to comply. We have three years to apply for an exemption if there is some site-specific reason that this limit is not necessary and if we can support that with adequate data and analysis. At this point we have no rationale to support application for exemption. We believe that the capital costs for compliance will be moderate. There will be an increase in operating costs, mainly due to the chemicals required. We are currently working on a rate study which would provide for increased costs if necessary.

15. SCHEDULE AUDIT COMMITTEE MEETING:

The Audit Committee, including Arnell Heaps, Dee Hansen and Ryan Westergard, has been scheduled for 12:00 noon on Friday, 3/6/15, in the District's office.

16. GENERAL MANAGER'S REPORT:

A. WATER QUALITY BOARD NOMINATION - GENERAL MANAGER.

Mr. Dal Wayment, the District's General Manager, has been nominated by the Utah Association of Special Districts (UASD) and the Water Environment Association of Utah (WEAU) to fill a seat that will be vacant on the State of Utah Water Quality Board. Appointments to the Board are made by the Governor's office.

B. ACCESSORY APARTMENTS - CENTERVILLE POLICY.

Centerville City has been holding hearings regarding accessory apartments, or more commonly known as mother-in-law apartments. Until now these have been prohibited in Centerville City. The District has generally been trying to charge a second sewer service bill for accessory apartments unless they are occupied by a family member. We do not have a policy regarding impact fees for these apartments although they can represent a second dwelling unit. We should develop and adopt a policy.

C. RISK MANAGEMENT CONFERENCE - OLYMPUS INSURANCE AGENCY.

The District's insurance carrier, Olympus Insurance Agency, is sponsoring a risk management seminar on March 25th. Board Members are invited. The agenda for the conference was reviewed.

17. NEXT MEETING SCHEDULED:

The next meeting has been scheduled for Thursday, 19 March 2015, 4:00 p.m.

18. DISMISSAL:

The meeting ended at 6:55 p.m.


Clerk


Chairman, Board of Trustees