

Minutes
Central Davis Sewer District Board Meeting
May 13, 2010

The Board of Trustees for Central Davis Sewer District met in regular session at 7:00 pm at the District office located at 2200 South Sunset Drive, Kaysville, Utah 84037.

Present: Attending the meeting were Chair Susan Holmes and Trustees Steve Brough, John Thacker, Carol Page, and Sherm Cloward. Staff members attending were District Manager Leland Myers and District Engineer Jill Houston. Also attending was Jim Goodley from JUB.

Minutes: Chair Holmes asked if there were any corrections to the minutes for April 8, 2010. No corrections were made to the minutes. Trustee Cloward moved to approve the minutes as presented. Trustee Brough seconded the motion and all Trustees present voted aye.

Claims: Chair Holmes asked Manager Myers to review the claims list with the Board. After review, Trustee Brough moved to accept the claims as presented. Trustee Thacker seconded the motion and all Trustees present voted aye.

Procurement – Flow Meter: Chair Holmes asked Manager Myers to review the proposed procurement items. Manager Myers explained that the District has a flow meter damaged by a lightening strike and used a spare meter to replace the damaged unit. The damaged unit is beyond repair. Staff proposes that a replacement spare be purchased since this specific meter is used at multiple metering locations in the District. The replacement meter costs \$10,931 and is available from Marsh McBirney. This would be a sole source procurement required to maintain consistency of meters. Trustee Thacker moved to approve the purchase of the meter as recommended by staff. Trustee Cloward seconded the motion and all Trustees voted aye.

Procurement – Lawn Mower: Manager Myers explained that an 8 year old lawn mower had blown the gas engine this past month. The unit was evaluated and found to be in poor condition generally and replacement of the motor was not cost effective. A replacement lawn mower like the one worn out would cost \$12,550 from United Sales and Service. In order to maintain compatibility and minimize spare parts inventory Manager Myers recommended purchase of the identical unit. After review, Trustee Cloward moved to approve the purchase of a Dixie Chopper mower from United Sales and Service as sole source procurement for \$12,550. Trustee Thacker seconded the motion and all Trustees voted aye.

Procurement - Vortex Grit System: One of the two vortex grit removal systems the District operates has become unreliable and it is no longer cost effective to repair the mechanical equipment. Three proposals were received for supply of a replacement unit:

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| 1. Wastech | \$24,865 |
| 2. Hydrodyne | \$22,980 |
| 3. Eimco (Germany) | \$50,000. |

All three units are stainless steel and are technically acceptable. Staff recommends procurement of the lowest price unit. Trustee Thacker moved to approve the purchase of a vortex grit system from Hydrodyne for \$22,980. Trustee Cloward seconded the motion and all Trustees voted aye.

Technical Report – Oxidation Ditch Peak Flow Pumping: Chair Holmes indicated that the District had received a technical report on peak flow pumping from Forsgren Engineers and invited Manager Myers to review the report with the Board. Manager Myers explained the need for a peak flow redundant system and discussed the robustness such a system would add. Four proposals were discussed and estimates provided:

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| 1. Submersible Pumps & Generator | \$155,000 |
| 2. Self Priming Pumps and Generator | \$210,000 |
| 3. Engine Pumps | \$350,000 |
| 4. Vertical Turbine & Generator | \$170,000 |
| 5. Enclosed Self Primer with Generator | \$100,000 |

Manager Myers explained that the proposed systems were robust and lower prices could be obtained by reducing the system robustness. Manager Myers also explained that some of the alternatives required further engineering to insure they would work in the space available. Board members discussed the alternatives and the relative value of robustness. After discussion, Trustee Cloward moved to approve alternative 4 and if it proved not to be feasible then revert to alternative 5. Trustee Page seconded the motion and all trustees voted aye.

Technical Report – Sludge volume Index (SVI) Control: Chair Holmes indicated that this report provided alternatives for control of high SVI's. Manager Myers reviewed what SVI represented and how it varied across time and temperature. During winter times, the settling is such that if high flows occur the solids may not remain in the clarifiers. The report evaluated chlorine to reduce filaments but ultimately eliminated this due to the quantity of gaseous chlorine it would require. Manager Myers discussed the use of metal salts and polymer to improve SVI. The staff recommends that the District experiment with the use of polymer. This approach would require \$20,000 for

testing and evaluation. After review, Trustee Thacker moved to approve the testing polymer and an allowance of \$20,000. Trustee Brough seconded the motion and all Trustees voted aye.

Arc Flash Policy: Chair Holmes reminded the Board that the District was required to comply with arc flash and incident energy safety requirements. In order to document compliance with this safety need, the District Manager prepared the included policy. Chair Holmes indicated that in her opinion the policy was excellent and she complemented staff on its preparation. This policy requires Board approval. Trustee Thacker moved to approve the policy as presented. Trustee Cloward seconded the motion and all Trustees voted aye.

Great Salt Lake Information – GSL Forum: Manager Myers presented information from the recently completed Great Salt Lake Issues Forum.

Manager Myers also reviewed a letter sent to the Division of Water Quality relating to the ongoing TMDL being prepared.

Critical Control Points Video: The Board reviewed a video designed to meet the objective of a Biosolids EMS goal. After viewing the video, Trustee Page moved to approve the video for use in EMS training. Trustee Cloward seconded the motion and all Trustees voted aye.

2010 Hay Sales: Manager Myers reported that sale of hay based on open bidding was not meeting pricing objectives. This is happening due to the limited number of bidders. The Manager recommended that an alternative approach be evaluated. This would include sale of hay at a reasonable market value to long term customers. Remaining hay would be stockpiled and sold on a first come, first served basis on KSL.com. Trustee Thacker moved to authorize use of the approach for the 2010 season. Trustee Brough seconded the motion and all trustees voted aye.

Minor item: The Board reviewed the expended vs. budget report.

Trustee Brough moved to adjourn the meeting. Trustee Page seconded the motion and all Trustees present voted aye.

The meeting adjourned at 8:40 pm.

Next regular meeting: May 13, 2010.

District Manager