

City of Hays
City Commission
Work Session Notes
Thursday, February 4, 2016 – 6:30 p.m.

Present: Eber Phelps, Shaun Musil, James Meier, Henry Schwaller IV, Lance Jones, John Bird, Toby Dougherty and Kim Rupp

January 7, 2016 Work Session Notes

There were no corrections or additions to the minutes of the work session held on January 7, 2016; the minutes stand approved as presented.

Wastewater Treatment Process Design Selection

On December 10, 2015, the Commission authorized the City Manager to enter into a contract with CDM Smith (CDM Constructors, Inc.) for Phase 1, 90% design and GMP development, for the rebuilding of the wastewater treatment facility. The first step in the process is to determine which treatment process to move forward with.

Stan Christopher, Project Manager, HDR Engineering Inc., the Owner Representative for this project, reviewed the three processes that were considered:

- 1) 5-Stage oxidation ditch with final clarifiers and traditional tertiary filters
- 2) 5-Stage oxidation ditch with final clarifiers and denitrification filters
- 3) Membrane bioreactor process (MBR)

Mr. Christopher explained that all three processes include biological nutrient removal to meet treatment requirements. The 5-stage oxidation ditch with final clarifiers and denitrification filters (Option 2) process was recommended based on several factors such as ease of operation, lowest present value, and its ability to meet current and anticipated future effluent limits. This option will also improve effluent quality for continued irrigation and indirect recharge reuse.

The 5-stage oxidation ditch with final clarifiers and denitrification filters process has a higher total capital cost at \$7.59 million, compared to the MBR option at \$6.84 million. However, the recommended option has much lower operating costs, and is a much simpler unit to operate; therefore, the net present value is lower than the other two options.

Commissioner Schwaller agreed with the recommendation and felt the membrane option would be too costly and thinks this will be a much more efficient option for the City.

At the February 11, 2016 Commission meeting, Commissioners will be asked to authorize CDM Constructors, Inc. to continue the 90% design and GMP development of the 5-stage oxidation ditch with final clarifiers and denitrification filters process.

Other Items for Discussion

There were no other items for discussion.

Executive Session

Henry Schwaller IV moved, Shaun Musil seconded, that the Governing Body recess to executive session at 7:01 p.m. for 20 minutes to discuss personnel matters. The executive session included the City Commissioners. K.S.A. 75-4319 authorizes the use of executive session to discuss the topics stated in the motion.

Vote: Ayes: Eber Phelps
Shaun Musil
James Meier
Henry Schwaller IV
Lance Jones

No action was taken during the executive session.

The work session was adjourned at 7:21 p.m.

Submitted by: _____

Brenda Kitchen – City Clerk