

Special City Council Meeting
March 27, 2017
5:30 p.m.
Wastewater Treatment Plant/City Hall

Members present were Nelson, Sexton, Merritt, Maas, and Dempsey.

Members absent: None.

City staff and consultants in attendance were Andy Welti, Elizabeth Jackson, and Jed Petersen.

Others attending were Ashley Stewart.

The purpose of tonight's tour of the Waste Water Treatment Plant is to discuss the necessary and possible capital expenditures at the waste water treatment plant.

Administrator Welti stated the \$207,000 in trunk fees received from Ritchie Brothers was not included in the Sanitary Sewer Capital Outlay Plan. Welti stated that if all the maintenance issues at the waste water treatment plant were corrected it would be over \$200,000.

Decanting System-

Public Works Supervisor Petersen gave the tour of the waste water treatment plant. Petersen stated the decanting system is broken. Petersen stated the roof was not made for walking on other than for routine maintenance. Repairing the current decanting system would be approximately \$5,000 however the current decanting system had operational issues acknowledged by Bolton & Menk. The cost for engineers to design a new system is approximately \$4,000.

Biosolids Pump-

Public Works Supervisor Petersen stated the internal biosolids pump is broken. The approximate estimate to replace it is \$40,000. Petersen stated the current broken pump is not sufficient, even if the pump was working it would take days to load the trucks. Petersen stated using the current external pump is not the preferred method for biosolids removal.

Grinder or Screen-

Public Works Supervisor stated the grinder stopped working a couple of years ago. The current large screen only catches a small portion of the non-biodegradable materials (approximately 25%). The non-biodegradable material that is not caught plugs up parts of the system.

A new screen would remove nearly 100% of the plastic materials and non-biodegradable materials entering the waste water treatment plant. The cost of a screen is a minimum of \$100,000.

Effluent Pipe-

The current effluent pipe used to discharge treated water into the river has tree roots growing into the pipe and needs to be replaced. The cost for a new effluent pipe is approximately \$3,500.00

Float and Pump System-

Public Works Supervisor Petersen stated that during floods, water treated by the wastewater treatment plant does not flow into the river. Public works staff has to use temporary pumps that have to be monitored 24 hours a day to discharge the treated water. Installing a float and pump system would address this issue. The approximate cost would be \$10,000(very low end).

Dome for Aeration Tank-

Public Works Supervisor Petersen stated the aeration tank currently has a canvass that is used to cover it during the winter to prevent freezing. The canvass requires repair every year. The canvass also traps gases that are causing the cement to erode. A dome for the aeration tank is approximately \$100,000.

Holding Tank for Septage-

Currently the City of Medford accepts septage from area septic haulers. This generates approximately \$23,000 in revenue yearly, which covers the cost of the City's annual biosolids application. A holding tank would allow public works staff to slowly feed the septage into the waste water treatment plant, rather than it being dumped directly into the plant. A holding tank is approximately \$20,000(very low end).

Review of Capital Plans at City Hall.

Administrator Welti gave a brief overview of each capital improvement plan.

Administrator Welti stated there was no change in the capital improvement plan for the Park Department.

Administrator Welti stated there was no change to the Municipal Liquor Store capital improvement plan. Welti stated replacement of the rooftop HVAC system is planned for 2018.

Administrator Welti gave a brief update on the changes to the Public Works capital improvement plan. Welti stated a used 2008 Ford F450 with man lift truck and the 2011 John Deere Loader purchased in 2016 were included in the water plan. Welti also stated replacement of the 2002 Dodge Service Pickup Truck is planned for 2018.

Administrator Welti gave a brief update on the Water Plant. Welti stated the City of Medford had received \$207,000 in trunk fees from Ritchie Brothers in 2016 and these funds were included in the capital plan. Welti stated well pump #1 had been removed from the capital improvement plan.

Administrator Welti gave an update on the Sanitary Sewer capital improvement plan. Welti stated the \$207,000 of trunk fees from Ritchie Brothers had not been added to the capital improvement plan due to the major deferred maintenance items that need to be addressed at the wastewater treatment plant. Welti stated the next big expenditure would be recoating the inside of the sludge tank and replacement of the jetter truck.

Fire Chief Hager presented the Fire Department capital improvement plan. Hager stated the capital improvement plan contained 14 items. Hager stated he is still waiting to hear if grants were awarded for the SCBA Packs/Bottles. Chief Hager stated the fire department had recently purchased a used cascade system. Hager stated the fire department had been denied a grant for buying gear extractor equipment twice.

No decisions were made at this work session.

Motion by Sexton, seconded by Merritt to adjourn the work session at 6:49 p.m. All members voted aye for approval. Motion carried.

Minutes approved at _____ meeting.

Submitted by _____ City Clerk.

Signed by _____ Mayor.