

MINUTES OF THE REGULAR MEETING OF THE SEWERAGE COMMISSION - OROVILLE REGION

(Held at the Commission office on February 26, 2020 at 5:00 p.m.)

1. Call to Order ❖

Chairman Fairbanks called the meeting to order at 5:00 p.m.

2. Roll Call ❖

Commissioners present were Commissioners Fairbanks and Kuehner from the Lake Oroville Area Public Utility District, Pittman and Reynolds from the City of Oroville, and Latulippe from the Thermalito Water and Sewer District. Commissioner Hatley was absent. Staff present were Manager Scott Koch and SC-OR Attorney Desiree Vance.

3. Salute to the Flag ❖

Commissioner Pittman led Commissioners and staff in the salute to the flag.

4. Acknowledgment of Visitors ❖

Ted Couch from Jacobs Engineering and Ken Shuey from Provost and Pritchard Consulting Group.

5. Board Meeting Minutes of the Regular Meeting held on January 22, 2020 ❖

Upon motion by Commissioner Kuehner to approve the minutes of the meetings, and second by Commissioner Pittman, the minutes of the January 22, 2020 regular meeting were unanimously approved.

6. Employee Safety Meeting Minutes of February 11, 2020 ❖

Upon motion by Commissioner Latulippe to approve the employee safety meeting of February 11, 2020, and second by Commissioner Kuehner, the minutes of the meeting were unanimously approved.

7. Authorization of Warrants ❖

Commissioner Latulippe met with Manager Koch and checked the warrants earlier, and having found everything to be in order made a motion for their approval. The motion was seconded by Commissioner Pittman. Warrants 25964-26010 in the total amount of \$873,155.36 from January 22, 2020 to February 26, 2020, including Commissioner fees and electronic fund transfers, were unanimously approved and ordered paid.

8. Fiscal Reports ❖

Manager Koch stated the fiscal reports for January 2020 were in the packets for review. There were no questions and nothing further to report.

9. Jacobs Engineering Update ❖

Ted Couch from Jacobs Engineering spoke regarding the following topics: Value Engineering which yielded a revised Design Concept, the Ultraviolet Disinfection System, Rag Removal System, Grit Chamber Rehabilitation, and Mapping of the Site.

Ted stated that in value engineering we look to be sure we have the highest value project for SC-OR. Value = function ÷ cost. In value engineering you can either raise the functionality of a project or decrease the cost. He took the current design and had it evaluated by a senior wastewater engineer within Jacobs who had not previously been involved in the project to look at it fresh. From that review there were two primary changes they came up with to present to the Commission. The first proposed design change is to remove the primary clarifiers and convert the aerobic digesters to aeration basins to be more efficient. It would double the size of the secondary treatment and aeration basins. He discussed the change in cost projections for the proposed design based upon current costs and the proposed changes, with a total cost for option one being \$44,900,000. Option two is the current design without the changes, at a total projected cost of about \$44,600,000. Ted's opinion is that option one is the better and more efficient design option.

Manager Koch asked to have Ted also speak on item #12, Rag Removal System and Grit Chamber Rehabilitation Discussion, at this point. Ted said that the rag removal bar screen is over 20 years old, and is not compatible with the revised design concept. A proposed replacement is a multi-rake screen. The benefits would be lower head loss in the channel, upgraded Scada controls, new screen press, no problems getting replacement parts, and better odor control. The cost for the new bar screen would be \$222,000, which is included in the total design cost projection. To rebuild the current rag removal bar screen would be over \$100,000.

The other component of the rag removal system is the grit removal process. We can add baffles to slow the flow. Manager Koch reminded the Commissioners that we are putting in a new pump station right after this grit chamber, and we do not want the wet well filling up with grit, which is like sandpaper and eats through the pipes, etc.

Manager Koch asked for a vote on what option the Commissioners would prefer to move forward with, the current design (option two) or the new proposed design (option one). A motion to approve pursuing option one, the new proposed design change, was made by Chairman Fairbanks, seconded by Commissioner Pittman. The motion passed by the following votes: Latulippe – Aye, Fairbanks – Aye, Reynolds – Aye.

10. Provost and Pritchard Consulting Group Update ❖

Ken Shuey of Provost and Pritchard consulting Group reported on where we are with funding of the upgrade. Switching to option one will have some impact on how he writes the scope of work, how the preliminary engineering report is put together, and how we describe the improvements. Fortunately, since we are not adding any additional features this is not a major change, though we will have to rewrite the project description to take into account some of these changes. The financial analysis will need to be redone. He hopes to submit the application on the SRF website within the next couple of months, and will then work on the application for USDA funding.

11. Ultraviolet Disinfection System Request for Proposal ❖

Ted Couch of Jacobs Engineering stated that the proposal is to replace the current chlorine disinfection with UV disinfection mechanism for the plant. The RFP is ready to be sent out to bidders for this system. The schedule is to issue the RFP on Friday; the bids must be submitted within four weeks; the received bids will be reviewed and scored, and a memo sent out to all bidders as to who won the bid. The draft RFP will be presented at the April meeting for the Commissioners' consideration.

Manager Koch said he needed authorization to release the RFP. A motion was made by Commissioner Kuehner to authorize the Manager to release the RFP to prospective UV suppliers for an Ultraviolet Disinfection System for the Sewerage Commission – Oroville Region. The motion was seconded by Commissioner Pittman, and passed by the following votes: Latulippe – Aye, Fairbanks – Aye, Reynolds – Aye.

12. Rag Removal System and Grit Chamber Rehabilitation Discussion ❖

Manager Koch stated he would like to do these projects in conjunction with building the new primary pump station. A motion was made to authorize the upgrade of the rag removal system and the grit chamber by Commissioner Reynolds, seconded by Commissioner Kuehner, and passed by the following votes: Latulippe – Aye, Fairbanks – Aye, Reynolds – Aye.

13. Mapping of SC-OR Property ❖

Ted Coach of Jacobs Engineering said that when this upgrade project was started, we did not have a good survey of the SC-OR property, so we had some aero-photography done. That was done for our sites related to the current redesign. We would like to map the rest of the SC-OR property with ground levels, etc. This will make future projects easier. Manager Koch would like to have the rest of the property mapped for possible future overflow ponds. The cost to survey the rest of SC-OR property would be \$4,300.

A motion was made to complete the mapping of the entire SC-OR property at a cost of \$4,300. The motion was seconded by Commission Pittman, and passed by the following votes: Latulippe – Aye, Fairbanks – Aye, Reynolds – Aye.

14. General Engineering Consultant Services ❖

Manager Koch explained that we have had general engineering services through NorthStar Engineering up to now. Ken no longer works through NorthStar, but works for Provost and Pritchard Consulting Group. Ken knows our plant and we work well together, so he would like to move our engineering consultant services to Provost and Pritchard for an amount up to \$10,000. This will be for out-of-scope work performed.

A motion was made to authorize the contract with Provost and Pritchard Consulting Group for general engineering consultation services for an amount up to \$10,000 by Commission Kuehner, seconded by Commissioner Pittman, and passed by the following votes: Latulippe – Aye, Fairbanks – Aye, Reynolds – Aye.

15. Aux 1A 2A Pump Station Third Pump Piping Installation and Clay Pond Drain Valve Replacement ❖

Manager Koch reported that we have been working on a project to add a third pump to our auxiliary 1A 2A sewage pump station. These pumps are 5 million gallons each, and have had to run for hours due to high I&I. If one of those pumps go down, that water has to go someplace. The concept is to add a third pump, piping and discharge lines to the two existing discharge lines, put a third suction line into the wet well, and hook to a third pump so that during storm events if one of the existing pumps goes down the third pump will start up. We have had three contractors here to look at it the project, and only one sent a proposal for \$105,397.00. The others didn't want the project.

The second project is to replace the valve in the clay pond drain. The original project was to dig up the levee to a place a gear operating plug valve; excavation to dig up the levee to expose the pipe alone was about \$20,000, and the contractors were leery about maintaining the integrity of the levee, not knowing what the makeup of the ground is, the depth; etc. We came up with a different solution - to replace the canal gate with a butterfly valve, mount it into the concrete and seal it, and run an extension up to a hand wheel. That project is \$6,400.

Manager Koch would like authorization to move forward on these two projects: SC-OR has the money to do this, and he would like to transfer money acquired from the camp fire and Neal Road from the unrestricted account to the capital account and WCRF accounts to cover these projects. The total would be \$125,000 for both projects.

A motion was made by Commissioner Reynolds to authorize the Manager to move forward with the auxiliary 1A 2A pump station third pump piping installation and clay pond drain valve replacement projects using a transfer of funds from unexpected monies received in the unrestricted account to the respective accounts the cost for the projects will be taken from, seconded by Commissioner Kuehner, and passed by the following votes: Latulippe – Aye, Fairbanks – Aye, Reynolds – Aye.

16. Attorney's Report ❖

Attorney Vance reported on the new Accessory Dwelling Units (ADU's) legislation. We are looking at this legislation and how it will affect SC-OR with fees and capacity. The intent of this legislation is to get people into homes.

17. Manager's Report ❖

Nothing more to report.

18. Visitor Comments ❖

None

19. Commissioner and Staff Comments ❖

Commissioner Pittman sits on the Housing Authority Commission for Butte County, and will be attending a conference in Washington D.C. for the National Association of Housing Authorities. He asked Scott to write up the needs of our plant, and will include those for discussion in a meeting with California legislators to see if we can get some bond monies. Because there aren't many Housing Authorities that have lost 15,000+ units in one day, that could have some influence.

20. Closed Session ❖

The Board adjourned to closed session at 6:50 p.m., and reconvened to open meeting at 7:37 p.m. Direction was given to Attorney Vance, and no action was taken. An advisory committee consisting of the City of Oroville was appointed to prescreen applicants for manager position.

21. Adjournment ❖

There being no further business, the meeting was adjourned at 7:38 p.m. to the regular meeting scheduled on March 25, 2020 at 5:00 p.m.

Respectfully submitted,



SCOTT J. KOCH, CLERK