

## **Eldorado Springs LID Advisory Committee Minutes**

November 16, 2017

Rocky Mountain Fire District Station 6

4390 Eldorado Springs Drive

Eldorado Springs

The meeting was called to order at approximately 6:30 pm.

**Members Present:** Ken Sheldon, Vija Handley, Cathy Proenza, Jeff Mason, Kevin Tone

**Guests:** David Levin

**Staff:** Mark Ruzzin

### **Approval of Minutes:**

Before approving the minutes, the board discussed the new reporting requirements for TIN, Total Inorganic Nitrogen, included in the WWTP's operating permit. In the new permit, beginning 01/01/2019, the plant must meet a daily maximum TIN of 10.0 and begin reporting its rolling 2-year average. Beginning 01/01/2022, the plant must meet a daily maximum TIN of 10.0 and a rolling 2-year average TIN of 1.5. With these new permit requirements, on occasion the plant will be allowed to "spike" up to a daily maximum TIN of 10.0, as long as over the course of the rolling two years the TIN averages 1.5 or lower. Kevin suggested that the LID begin conversations now with the state (Colorado Department of Public Health and Environment), to ask for their justification of these upcoming requirements, how the WWTP's requirements compare to the requirements placed on other similarly sized plants, and what can be done about the requirements. Kevin suggested that the state may not be incorporating the flow data that was presented to CDPHE during the LID's conversations with them about the operating permit. If that is the case, then CDPHE is likely considering that at certain times of the year, the only water in South Boulder Creek is the effluent from the WWTP, which will lead to stringent treatment requirements to protect downstream users. The LID will need to reach out to upper-level management at CDPHE to resolve this.

**ACTION:** Jeff moved to approve the minutes of the September 28, 2017 meeting; Vija seconded the motion and it passed unanimously.

### **Plant Operations:**

The board reviewed the operations report submitted by Gabby Begeman of ORC. Mark pointed out to the board that the ORC monthly invoice includes the effluent temperature monitoring equipment that Gabby discussed with the board in September. The equipment cost \$600.00, well

below the initial estimate of \$1000.00. Mark mentioned that Gabby did complete the research regarding the Fluidyne alarm reprogramming, and the cost estimate for the work is \$650.00.

**ACTION: Jeff moved to approve the Fluidyne reprogramming work; Ken seconded the motion and it passed unanimously.**

Kevin asked that the board get clarity from Gabby about how the reprogramming will solve the problem, specifically to the types of alarms that ORC is receiving from the plant. Mark will also get clarity on the total cost of the work.

The board reviewed the pump repair information that Gabby provided as follow-up to the September meeting, and year-to-date chemical expenses. The board discussed how chemical expenses will change once the UV system is operational.

The board discussed that it appears there may have been two visits from McDonald Farms to the plant in November. Mark will look for invoices from McDonald Farms in the county payment system.

**Invoices and Budget Update:**

The board briefly reviewed the monthly invoice from ORC. The \$3900 per month base rate for ORC does not include charges for testing. For 2018 budget reporting, add a “Testing” line to the budget spreadsheet to call out and identify these expenses.

The spare actuator valve has been purchased and is available if needed.

Mark will work with county staff to determine the 2017 PIF payments to the LID.

Mark noted that in October a budget supplemental was approved by the county commissioners to cover the costs associated with purchasing the UV system.

The board discussed the status of the plant’s back-up generator. David mentioned that the last time the back-up generator was used was in 2014. While some propane will be needed for the generator, there are more tanks at the plant than are necessary. David will look into selling or recycling these unused tanks.

Mark mentioned that SDMS, Special District Management Services, has agreed to enter into a new contract with the LID to provide billing services at the same price as its previous contract. The contract renewal will be completed by the end of the year.

Kevin asked for confirmation to be provided that ORC will complete the report to CDPHE that will explain how the plant will meet the new TIN limit. The report is due by the end of December.

**Committee Updates:**

Mark reported that the purchase process for the UV system is on track.

The board discussed next steps regarding the construction of the small addition necessary to house the UV system. Mark will contact contractors and provide them with the bid document, and have a pre-bid site visit with each firm.

Kevin noted that a concrete pad is needed at the entrance of the plant building. He also noted that there is an irrigation system pipe sticking up out of the ground, leftover from the initial construction of the plant. Mark will work to have this pipe removed.

The board discussed some steps to take in the spring to prevent trees and other foliage from encroaching on the access road.

The board discussed some additional details regarding the UV system, in particular where to store the system once it is delivered from the manufacturer. Perhaps ORC or the county has space for storage. Mark will look into this.

**New Business:**

Mark asked the board for guidance regarding sending LID board meeting minutes to the Eldorado Springs community email listserv. The board agreed that the minutes should be sent once they are formally approved.

Mark raised an issue with the board that was brought by the county finance division. Specifically, every year a small number of Eldorado Springs taxpayers do not pay their property taxes on time, including those taxes specific to the LID, and thus become subject to a lien on their property. The board suggested sending a notice to all Eldo taxpayers to inform them of the importance of paying their taxes on time and the consequences of not paying taxes.

David Levin raised three issues with the board:

1. Christian Griffith received his certificate of occupancy on Sept. 15. David asked if the plant investment fee for the property has been paid. Mark will look into the payment of this PIF as well as the payment of two other PIFs that are due to the district. Mark will also look into the options the district holds in respect to collecting PIFs after a property owner has been awarded their CO.

2. David pointed out that Joe Polumbo is listing an “art house” on his property for rent on Air B-n-B. Mark will check on the EQR attached to the property.
3. David suggested discussing with Ambiente H2O the prospect of completing preventative maintenance work on any pump that gets brought to Ambiente for repairs. For example, determine which pump parts are most likely to fail, and replace these on a regular basis. One prime suspect might be the stator. Cathy suggested reaching out to Ambiente to get such a list and the cost to replace these parts. Mark mentioned the recommendation that Steve from Ambiente made at the August meeting, which was to have each pump inspected at least once per year. Ambiente can do this work in a day at a cost of about \$1000, or they offered to train ORC to complete these inspections. Mark will reach out to Ambiente to get additional information.

**Public Comment:**

There was no public comment and the meeting was adjourned at 8:00 p.m.