

Eldorado Springs LID Advisory Committee Minutes

August 1, 2019

Rocky Mountain Fire District Station 6

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

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

Guests:

Staff: Mark Ruzzin

Approval of Minutes:

The board considered the minutes of the June 27, 2019 meeting:

ACTION: Ken moved to approve the minutes of the June 27, 2019 meeting, as presented; the motion was seconded by Jeff, and approved unanimously.

Old/New Business:

Ken brought up the issue of Peter Sprague's home and the E-one alarm at this property having continual problems. It has been determined that the problem involves water infiltrating the pipe that runs from the house to the E-one pit. Ken agreed to raise the issue with Tom Schubert later in the meeting during the ORC Operator's Report agenda item.

Mark informed the committee that Pete Salas has started back with the county to manage the Eldo LID. Pete will be working with Mark and will be managing all admin areas including meeting notices, minutes, contractual duties and other items, in addition to serving as the primary point of contact for the LID. Pete has met with Dawn Bashford-Page in the county's Budget and Finance Office to review the LID's budget and other financial information. Pete will also be assisting on CDPHE permit issues and other items. Mark mentioned that Pete will be with the county for at least the next nine months.

Plant Operations:

The group called Tom Schubert at ORC to walk through the Operator's Report. Tom began by discussing the plant operation results presented in the report which affected nitrogen levels. The first item had to do with a leaking valve between the clear well and the SBR. This actuator valve has been replaced, and an extension added to raise the valve above the hatch and out of the corrosive environment found in the tank. This should have the effect of extending the useful life of the actuator. A backup actuator valve has not been ordered but is on the wish list for the future.

Tom mentioned that a 7½ horsepower pump in the SBR had stopped working and required removal and replacement with an older second pump. Use of this replacement means that there is now no spare pump available. The pump that was removed was considered unrepairable. Tom solicited bids for a new pump and has included this information in the report. Tom suggested that the group consider purchasing an additional pump sometime in the future. Kevin asked about whether there were issues that needed to be addressed due to the age of the system and pumps. Tom said that a lot of the problems the plant is experiencing have to do with the lack of a digester, which would extend the life of the plant pump systems. There was a brief discussion regarding the need to consider a digester purchase in the future.

Tom reported that there were no E-One pump issues for the month. Ken asked about the grinder pump at the Sprague houses on Eldorado Springs Drive, noting that the pump appears to run on an almost continual basis

due to the amount of clean water infiltrating the collection pipe. Kevin asked whether a contractor could be brought in to see how the problem could be remedied through some type of sealing. Tom mentioned that a few contractors have indicated to him that they would not do the excavation work due to the proximity of the pump pit to one of the three houses. There was discussion regarding the various options that might be available to alleviate the problem on a permanent basis. Kevin suggested checking with sewer repair companies to see if anyone would be willing to do the job. Tom agreed to go ahead and look into what can be done and report back to ESLAC before any major work is completed.

Tom mentioned that he had communicated with Gabby Begeman regarding the emergency communications plan and she indicated that it was not yet complete. Kevin said that there was still some work to be done on the plan. It was decided that this item would be put on the agenda for the September meeting.

Kevin shared a concern regarding the issue of getting the UV treatment system to turn off when there is no discharging occurring, as a strategy for reducing heat build up in the UV room when there is no water being treated. Tom recalled that this issue had been discussed and he would look into it. Ken mentioned that there is an exhaust fan in the UV room but no inlet for fresh air. It was suggested that the two rooms of the facility be connected with a vent to allow for the movement of air between them. There was additional discussion regarding the options to alleviate the problem. Kevin asked Tom to follow-up with Gabby regarding the signal interconnect so that the UV systems runs only when needed.

Kevin said that he is curious about Tom and Gabby's observations regarding flow at the plant and the impact of the resort closure relative to the dip in influent BOD this summer compared to last summer. Tom said he would look into it.

Given that some of the plant's performance standards were not met in recent months, Kevin asked if the plant is officially violating the terms of its operating permit. Tom indicated that the issues had been addressed in the previous month's DMR report to the state.

Kevin asked if there were any concerns with the solids at the plant. Tom indicated that he would let the committee know if it reached a critical level.

Kevin asked Mark about moving the rocks at the plant and putting down some road base. Mark indicated that there needed to be some work completed on the defensible space around the plant before the road base work can be done. There was a brief discussion regarding road base construction and related issues.

Kevin brought up the long-standing issue of tree growth on the plant road and the need to revisit this problem. Ken and Kevin agreed to talk to Scott whose property fronts the road about additional tree trimming.

Invoices and Budget Update:

Mark opened the discussion on the budget by noting that there had not been a single sludge haul this year. Mark referred the group to the budget spreadsheet and the budget actuals and indicated that the LID had spent about half of its budget through June. On the revenue side, three building permit applications are in the review process which could lead to Plant Investment Fee revenue for the LID: Christian Griffith expansion (\$3,400), Manteuffel variance request (\$13,000), and EAS (\$83,000). Mark has not had further discussions with either Heather Dodge or Dan Mastin regarding the plan review in respect to EAS's West project. Vija asked if Mark had any discussion with the Artesians about what is going on with the project. Mark indicated that he had not reached out to Doug Larson about the project or the proposed Memorandum of Understanding between the LID and EAS as he wanted the committee to review the draft agreement first. The committee had an extended discussion regarding both the East and West projects and the ongoing permitting processes.

Mark continued the budget discussion mentioning the amount spent and the balance, including the anticipated purchase of the actuator valve. Kevin expressed concern about the amount that was included on the budget report for chemical expenditures. Mark noted that in adapting the LID's budget reporting to the county's new financial reporting system, Dawn in the Budget Office was not clear as to what categories were best for tracking some of ORC's monthly expenses, so she put them in the chemical line. As noted earlier in the meeting, Pete and Mark have met with Dawn since she produced the report and provided her direction on properly tracking these ORC expenses. Kevin noted that he found it interesting that power usage at the plant has not appeared to spike as a result of the transition to the UV treatment system.

Mark indicated that while expenditures for the last 6 months of the year will need to be tracked closely, in all likelihood the LID will be over-budget for the year and will need to draw from its reserves to cover its total 2019 expenses. It was noted that the PIFs, should they come in, would help alleviate the budget shortfall. The question came up regarding the desire to track chemical and other costs going forward. Even with the UV treatment system it will be necessary for the LID to purchase some chemicals. A question was asked about other capital costs for the plant in the future; Mark agreed to ask ORC about anticipated capital costs.

Committee Updates:

Wright Water Engineers Contract: Mark gave a short update on the WWE contract process. Boulder County Public Health has been refining other aspects of the contract scope of work, which has delayed its final approval. That said, the contract is now in routing and should be completed by mid-August. Once the contract is formally approved, a conference call will be scheduled with WWE to discuss the Eldo LID scope of work. Mark will notify committee members when the call is scheduled in the event that any members would like to participate.

EAS Memorandum of Understanding: Mark presented the draft MOU to the committee. The committee reviewed the working draft, asking questions and providing feedback on the various components of the draft document, including:

- Start date, length of term, and termination date;
- Obligations of both parties should the MOU ever expire;
- Compliance standards;
- Effectiveness of a single MOU to cover both the East and West projects, versus creating separate MOUs for each of the two projects;
- Wastewater treatment facility capacity, East and West project occupancy loads, collection of flow data;
- Options available to the LID should "extraordinary use" of the wastewater treatment facility by EAS become the norm in the future;
- Details on the E-one pump pits, monitoring manholes, placement of manholes, type of flow meters and autosamplers, responsibilities of the parties in respect to flow meter data monitoring, etc.; and
- Revisions to the LID Rules and Regulations.

Mark noted that he will bring the feedback to the LID's county attorney, Kate Haywood; he and Kate will revise the MOU based on the evening's discussion and share a new draft of the MOU with the committee upon its completion.

Public Comment:

There was no public comment and the meeting was adjourned at approximately 8:30 p.m.