

Eldorado Springs LID Advisory Committee Minutes

August 24, 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: Vija Handley, Jeff Mason, Ken Sheldon, Kevin Tone

Guests: Steve Hansen and Jesse Bartholomew, Ambient H₂O

Staff: Pete Salas, Mark Ruzzin

Approval of Minutes: The July 27, 2017 meeting minutes were approved by acclimation.

Plant Operations: ORC was unable to attend the meeting. Mark will work with ORC to be sure they attend the September meeting to provide an Operator's Report and discuss both the community communications plan and the E-One pump spreadsheet.

Invoices and Budget Update: The board briefly reviewed the monthly invoices and year-to-date budget spreadsheet. The board will ask ORC at the September meeting to provide clarity on chemical expenses.

Committee Updates:

E-One Pump Issues: The board received an extensive presentation from Steve Hansen and Jesse Bartholomew regarding the E-One pumps. Key take-aways from the conversation include:

- According to Steve, with approximately 80 pumps on the system, the LID should experience service calls on about 10% (8) of the units per year, on average. In responding to service calls, it's critical to ascertain whether a problem is with the pump (meaning some kind of failure associated with normal wear and tear) or if the problem is with how a resident is using the pump (meaning improper use of a pump, which then leads to some kind of failure).
- It is important to track both addresses and serial numbers of the pumps – this information is useful in tracking problems to either the pump itself or a resident. E.g., is the same pump failing at multiple addresses? Or is one address causing multiple different pumps to fail? ORC is building a pump tracking spreadsheet; the LID should ask for an update on this project.
- Ultimately, the goal is to understand the what, when and why of each pump failure.

- The LID should consider conducting an annual inspection of the electronics in every pump. Steve offered to train ORC employees to conduct these inspections. The LID should also consider installing run-time meters on the pumps.
- The LID should plan to begin replacing 10% of the pumps on an annual basis in Year 15 of service.

UV System Update: The purchase of the Enaqua system continues to move forward. In addition to acquiring the system itself, the LID is working to identify a contractor to build the addition to the existing WWTP building that will house the system.

New Business: Jeff asked that county staff ensure that LIDAC members are made aware of any potential new construction, additions, or other activities that may have impacts to the system, both in respect to additional users of the system and plant investment fees.

Public Comment: There was no public comment and the meeting was adjourned at 8:15 p.m.