

Eldorado Springs LID Advisory Committee Minutes

June 29, 2017
4390 Eldorado Springs Drive
Boulder, Colorado 80303

The meeting was called to order at approximately 6:35 pm.

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

Guests: David Levin, Gabby Begeman, Tom Schubert

Staff: Pete Salas

Approval of Minutes: Jeff moved to approve the minutes of the June 29, 2017 meeting. Ken seconded the motion and it passed with all in favor.

Plant Operations: Kevin noted that the June minutes mentioned that there had been a request that he possibly provide a brief overview of the flow data in the monthly operations reports and more specifically the TIN values mentioned. It was generally agree that the group could benefit by having a better understanding of the data in hopes that the group would have a better understanding of what the data means. Kevin agreed to provide a more in depth explanation of the flow data as it relates to the TIN (total inorganic nitrogen) values.

Kevin provided some background relative to the permit requirement and what this measurement is necessary. Kevin mentioned the state was going from a strict ammonia limit to a TIN and provided the rationale for the state making this a requirement. Gabby provided additional information regarding the limits set forth in the new permit and the reporting requirements. Gabby indicated that they were working on stabilizing the situation and lowering the TIN in order to meet the new requirement but that it would take time to stabilize the situation. The state will require that the new limits be met by 2019. Gabby provided information regarding the steps being taken and there was a hope to achieve the new limits without the use of additional chemicals. It was generally agreed that the new limits would be met without.

There was a brief discussion regarding the plant purification process and the possibility of having to apply an additional carbon source to the plant. It was noted that the plant had been designed to handle additional carbon sources if necessary. Gabby provided additional information regarding the most recent measurements and progress to meeting our required limits. Kevin provided information regarding working with the state on meeting the new requirements and the rationale relative to downstream users septic systems the need to protect those systems.

The subject of the pool water use was brought up. Gabby informed the group that she knew how much water the pool used because she had been metering it. Gabby indicated that the pool didn't use any water in May and started using water in June and their use was 2800 gallons. David

indicated that his measurements indicated the use at 5260 gallons per month going through the grinder pump. Gabby and David engaged in a brief discussion regarding the water flow at the pool with David indicating that there is a need to keep tracking the usage.

Invoices: Pete referred the group to the invoices provided in the committee packets. Pete mentioned that there were some pump failures with the commensurate expenses noted. Kevin noted that the invoices indicated that a number of the failures appeared to be as a result of water flooding the motors via the housings. It was suggested that perhaps Ambient be contacted to find out why this might be happening. Pete mentioned that one of the repairs had to do with a pump that was an old model which was no longer produced and which presented a bit of a problem. David mentioned that the pump in question was a pump that Ambient had lying around and just gave it to the operation. There was a question regarding the tracking of pump repairs with Gabby indicating that she was still working on a master sheet was developing to track pump repairs and causes of the failures. The group had a discussion regarding the pump failures and the need to take preventive measures or at least as Steve Hansen to come to a meeting to discuss the issue.

Kevin asked about getting the extra chemical drums out from in front of the plant. Tom indicated that he would contact the chemical company and ask them to remove or that if they didn't, he would take them back to his shop and go from there.

Cathy mentioned that the water had been the water was out the day before and brought up the need for development of a communication plan to inform the community regarding water issues in the community. It was agreed that there was a need to continue to consider methods to inform the community. Tom and Gabby mentioned that a meter pit blew apart and caused a pressure drop in the system.

David mentioned that the reason for this type of thing happening is due to the use of wrong fittings on the water pipe connections and that the fittings were slightly to large which has caused this to occur in the past. David noted that the fittings used were from the sewer system. Gabby mentioned that they be notified in the future since ORC was in the process of replacing the compression fittings with the appropriate water system approved units.

Kevin asked if Tom was now okay with the chemical issues and a chemical storage shed. The issue regarding the installation of a UV system was mentioned and how the system and expansion of the plant building might be incorporated into the chemical storage building. There was a discussion regarding the UV system and it was suggested that this item be put on a future agenda for consideration of possible options.

Budget Update: Pete referred the group to the budget spreadsheet. A question came up regarding sludge hauling and if there were any concerns in this regard. Pete mentioned that the reserve amount had not been put on the spreadsheet and that he needed to work with the Finance Office regarding how the information should be presented. Kevin asked about the large invoice

the previous month. Pete indicated that the large expenses were related to the work that occurred as a result of the valve failure which resulted in the chlorine release.

UV System Update: Pete mentioned that he was working on getting information on UV systems. Pete mentioned that he had not yet heard back from Mark Hatfield relative to the Enaqua systems. Kevin said he would call Mark and see about getting some updated information. Pete mentioned that when the information was ready he would get with Kevin to discuss the next steps.

Public Comment: David asked about calls to 32 Artesian Drive and if we had been charged for multiple visits. David provided some information regarding what had occurred that necessitated the visits. There as a brief discussion regarding the question and the process utilized to remedy the situation.

Ken suggested that there still is a need to have a presentation regarding plant operations and specifically how the sanitation process works and the mechanics involved. It was generally agreed that this would be a good thing to have. Kevin agreed that he would put it on his agenda.

There was no further public comment and the meeting was adjourned.