



TO: PSWID Board of Directors

DATE: January 16, 2020

FROM: Cato Esquivel  
District Manager

RE: DISTRICT MANAGERS REPORT – AGENDA ITEM 7E

## ADMINISTRATION

### Pinewood Haven/Rim Vista waterline replacement

Apache Underground began work on December 2, 2019, to install about 65 services and meters using a boring tool to form a tunnel by hollowing out the area 3-feet below the ground. The boring tool was able to bore about 200 ft without incident. Once the boring tool reached its destination the contractor would then tie one end of the service line to the bore and pull it through the bore hole.

Apache Underground is planning on being done this week. We plan on walking the job site next week to address outstanding issues.

We have contacted IMWCC regarding several warranty issues associated with a few services and the asphalt pavement on the South Rd. We also requested that they provide us all the pipe, fittings and other material that the District paid for that wasn't used.

We are also working with EPS on completing the as-builds, engineer's certificate of completion and obtaining the AOC.

We continue working with IMWCC to address these warranty issues and get them corrected. Any work done to address these deficiencies by the District, the costs associated with the work will be subtracted from monies still owned to IMWCC.

### Canyon Tanks

The contractor will be back on site to construct the foundation pad for the second 200,000-gallon tank next week. We anticipate that the iron workers will be on site during the week of January 27<sup>th</sup> to begin building the second tank. We anticipate having the second tank on-line in March 2020.

We are in the process of finalizing cost proposals to remove the dirt along the hillside and recompact. The hill is showing signs of settling and moving. We are also considering shotcreting the ditch adjacent to the access road to the site. During a rain event the ditch begins to erode sending the dirt and rocks onto Pine Creek Canyon Rd.

### Radio Reads

The vendor has ordered and agreed to replacing 3,200 existing meters with the new radio read meters. We are anticipating that they will begin in March 2020, and be completed on or before September 2020.

### Generator installation

The stand-by generators have all been installed and connected. We are waiting for the propane tanks to be set, connected and then tested. We anticipate closing this project in February 2020.

## **OPERATIONS**

### Milk Ranch Wells 1 & 2

Sometime in October 2019, both wells failed to operate. MR1 was full and packed with sediment. We had the column pipe, pump and motor removed. Before reinstalling, we replaced the 4-inch column pipe with a 2 ½-inch column pipe we also removed the check valves. MR1 was tested and we started to flush the well. We set the gpm at 40 during the flushing process. MR1 was placed back online in January 2020, set at 30 gpm. The NTU readings are 1.8. The District strives to achieve levels of 1.0 NTU. The national standards for turbidity established is that the turbidity of drinking water should not be more than 5 NTU.

We haven't pulled or replace the well motor or pump on MR2. We determined at this time to hold off on making any repairs or adjustments to MR2 until we have a better understanding how MR1 is working and the amount of demand the 400,000-gallon tanks place on the system if any.

### Strawberry View 1 Well

SV1 failed sometime in September 2019. We waited until now to have the motor and pump pulled because of the lack of public water use. Both the motor and pump were replaced and placed back into service in December 2019.

### McKnight Well

This well pump and motor also failed sometime in September 2019. We waited until now to have the motor and pump pulled because of the lack of public water use. Both the motor and pump were replaced and placed back into service in January 2020.

### Strawberry Ranch 2 PRV

Over the last several months we have had issues with the Pressure Reducing Valve (PRV) located in Strawberry Ranch 2 adjacent to the 'zebra' farm. The first break occurred at the corner of Juniper Rd and Diane Circle. A 1- inch service line blew off of an 8-inch main in Juniper Rd. This was caused because the PRV failed and allowed the pressure in the line to fluctuate up to 110 psi. In addition, the break was under three existing drainage culverts. Staff was able to make the repairs at around 9 pm that night.

Another break was in the general area where an existing 8-inch valve blew apart from the 8-inch main.

And, the last break was in the PRV vault where the high side of the PRV blew apart from the 8-inch main.