



TO: PSWID Board of Directors

DATE: May 23, 2019

FROM: Cato Esquivel
District Manager

RE: DISTRICT MANAGERS REPORT – AGENDA ITEM 5E

ADMINISTRATION

The new server is on line and in good working order. All the new desktop CPUs are also online with the new accounting software. We are still progressing forward with completing the various segments of the License Verification Process for Microsoft. We anticipate completing the deployment of the data within the next week.

As with any new computer system we did encounter challenges with the server and CPU's missing software applications or "patches". Patches allow a computer program or its supporting data designed to update, fix, or improve it. This includes fixing security vulnerabilities and other bugs, and improving the usability or performance.

Our next endeavor is to move the field server from the Administration office to the field office. This will require assistance from a network provider to allow the District access to the internet at the field office. We have met with Century Link management staff from Phoenix and they are in contact with their staff here in the Pine-Strawberry area to outline what is required related to infrastructure along Pine Creek Canyon Dr.

OPERATIONS

Canyon Tanks

Staff has completed excavating the hillside at the Canyon Tanks tank site. The area excavated will accommodate the proposed 200,000-gallon steel tank. We are in the process of finalizing the Task Order and once finalized it will allow Superior Tank to begin mobilizing in June 2019. The excavated area will allow us to construct the new steel tank while keeping the existing tanks online and in operation.

Site Survey

We continue to have our tank and well sites surveyed. This was done to make sure we were not encroaching onto the neighboring properties. We discovered potentially three parcels where we may have other property owners and utility companies encroaching onto the Districts properties. One as you may recall is with Allied Gas. We have met with them on two occasions requesting that they provide us with the necessary documentation which would allow them to use and to be on the District property. The other is Milk Ranch 2 Well site. We discovered that the original Record of Surveys completed by the adjacent property owners contained several inaccuracies. The existing ROS miscalculated where the

property lines should be; Miscalculated the proper location of the easements; Failure to compare recorded map records with title commitments; and, Errors in retracing boundary lines.

300K Tank and Booster Site

We have met with the property owner of the trailer park adjacent to our 300k Tank site. We have reached a tentative agreement that approximately one-half acre (the entire tank site) will be deeded over to the District. We are in the process of completing the survey of the site and once completed we will review the draft ROS with the property owners. Once approved we will proceed finalizing the deed.

Milk Ranch 1

ADEQ requested that we sample MR1 for acute contaminants, total coliform bacteria, nitrate and nitrite and provide samples for IOCs- arsenic, barium, cadmium, chromium, cyanide, fluoride, mercury, selenium, antimony, beryllium, and thallium.

ADEQ advised the District that all required test result had been submitted and also confirmed that we were below the MCL for acute contaminants, total coliform, nitrate and nitrite, and IOC's. ADEQ officially reactivated MR1 on May 7, 2019.

We will be placing MR1 online next week after we have installed a turbidity meter. Turbidity meters are used to quickly measure the turbidity (or cloudiness) of water, caused by suspended solid particles. When the meter senses turbidity in the water it will close the valve to the tank and open another valve to allow the water to be flushed until it is clear.

Portal 4

As you may recall we have reached out to Portal 4 Domestic Water District to discuss a water interconnect that could provide 1 million gallons per month to PSWID. The initial discussions were regarding the rate per 1000 gallons of water. We suggested a tier rate approach that could be beneficial to both districts.

After further dialog, deliberation and reflection, the District will not be proceeding with an interconnect agreement with Portal 4 at this time. This was based on core philosophical differences and conflicting intentions.

ADEQ Inspection

ADEQ has reached out to the District to advise us that they will be inspecting our facilities on June 20, 2019. The inspection process will go over the District water system records. This includes discussion and review of the following:

1. Sampling Plans:
 - Microbiological Sample Siting Plan (MSSP) – All public water systems are required to have a MSSP. The purpose of the MSSP is for the facility to have a standard written procedure to follow for monthly total coliform samples as required by the Revised Total Coliform Rule. The plan also helps ADEQ verify that sample locations are suitable and representative of the distribution system;
 - Lead and Copper Sampling Plan – All community and non-transient non-community water systems are required to have a lead and copper sampling plan. The purpose of the plan is to

identify sites that have lead pipes, copper pipes with lead solder, and/or are served by lead service lines;

- Emergency Operations Plan (EOP) – All community water systems, regardless of size, are required to develop and maintain an EOP. The EOP details physical and technical aspects of water systems operation, such as maintaining proper water pressure, collapse of a major structure, loss of mechanical components like pumps or valves and alternate water supplies. The EOP should also address public notice procedures for consumers and regulatory agencies; and,
- Stage 2 Disinfection Byproducts Plan (Stage 2 DBP) – A Stage 2 DBP plan is required of community water system or non-transient non-community water systems that use a primary or residual disinfectant other than ultraviolet light or deliver water that has been treated with a primary or residual disinfectant other than ultraviolet light.

2. Operations and Maintenance Records - These include records of routine component operations and maintenance (pumping rates, well maintenance, treatment system maintenance, component repairs, etc.).

3. Monitoring Records - Monitoring records are required to be kept on site for a determined amount of time depending on the type of records. Generally, records are required to be kept between 3-10 years.

4. Backflow Prevention – Testable backflow prevention devices are required to be tested annually by a certified tester. We are required to retain testing records for at least three years.

Then staff will conduct a facility walkthrough with the Inspector which will include a review of all system components including wells, surface water intakes, storage tanks, pressure tanks, disinfection (e.g. chlorinators), treatment systems, etc.