



TO: PSWID Board of Directors

DATE: August 15, 2019

FROM: Cato Esquivel
District Manager

RE: **DISTRICT MANAGERS REPORT**

ADMINISTRATION

ADEQ Inspection

ADEQ advised the District that the water system grade will change from a Distribution Grade 2 to a Distribution Grade 3.

The District filed an appeal with ADEQ on August 1, 2019.

The System Characteristics for the grading by ADEQ included five points for "Fire Protection Systems/Testable Backflow Prevention Assemblies". The Grading Sheet used indicates that "The presence of one or both of these devices earns five points for the facility." We advised ADEQ that the PSWID does not include a "Fire Protection System" or any "Testable Backflow Prevention Assemblies", therefore the score of five points for this item should be revised to zero. A score of zero on this item results in an overall score of 18, which reaffirms that our distribution system is a Grade 2.

As part of our appeal process we have provided ADEQ letters from Pine-Strawberry Fire Marshall and our District Engineer reiterating that the District does not have adequate storage for "Fire Protection System".

A pre-hearing settlement to address/discuss our appeal is being scheduled by ADEQ.

OPERATIONS

Tank Farms Well

We have encounter either electrical or mechanical problems with the well pump and motor. We just rehabbed the well this past January as part of our preventative maintenance program. We are anticipating that it is a mechanical issue. We are having the pump and motor pulled at the end of this week or at the beginning of next week. If it is a mechanical issue then both pump and motor will be sent back to the manufacturer for further testing and replacement.

The well produces 30 gpm or about 1.3 MG per month.

Strawberry Hollow Wells 3

We are encountering similar issues with this well as well. We are proceeding forward with having the well pump and motor removed to determine the problem. If it is a mechanical issue and the pump and motor will be returned to the manufacturer.

This well produces 25 gpm or about 1 MG per month.

White Oaks Glen 2 Water Pressure

We received a letter from the White Oaks Glen 2 community residence complaining about the water pressure.

The White Oaks Glen 2 community is located at the north end of Mistletoe Dr, which begins at the Evergreen Place road alignment, extends north to Manzanita Trail then into and around S. Holly Dr loop.

As you may recall this is an issue we have been working on for several months. We initially thought that the booster pumps cycle times at Pine Ranch 1 on Whispering Pine Rd and Pine Ranch 2 on Mogollon Dr were not running long enough to provide and sustain the required water pressure in the system. After monitoring the system pressure along Whispering Pine Rd and Mogollon Dr we determined that the average pressure is between 70 psi and 90 psi.

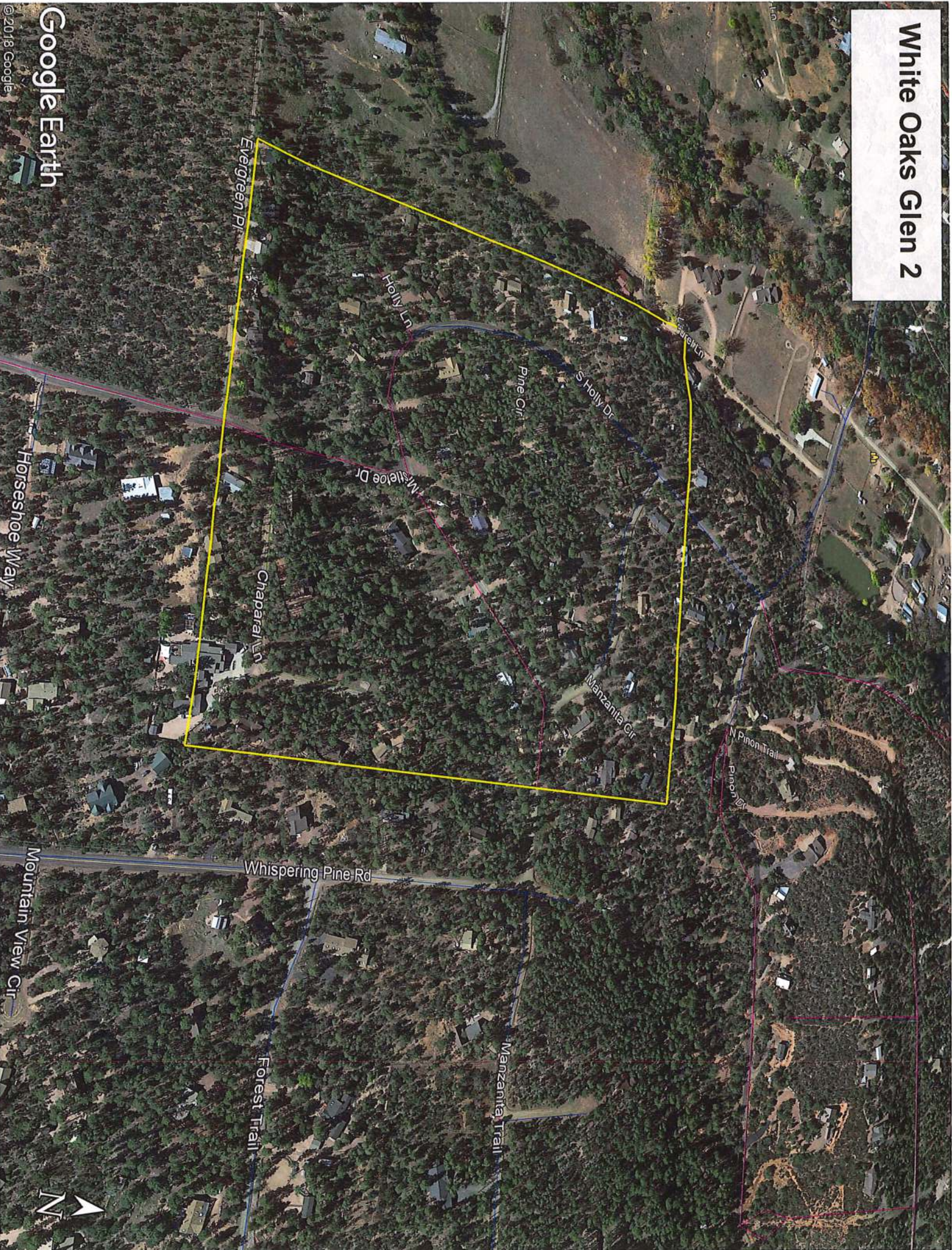
After further investigation we discovered that the distribution system that services Whispering Pine and Mogollon Dr is not connected to the White Oaks Glen 2 distribution system. This is because they are two different pressure zones.

The existing 6-inch main in Mistletoe does not tie into the existing 4-inch in Manzanita. We also discovered that the existing 4-inch in Holly Dr/Manzanita reduces down to a 2-inch at Mistletoe and it does not connect into the existing 6-inch in Mistletoe.

In addition, the principal source of water for this community is from Canyon Tanks. The White Oaks Glen distribution system ties into the 8-inch in Pine Creek Canyon Dr at Cedar Meadows through a 2-inch. Then the 2-inch increases to a 4-inch in Cedar Meadows. This has created a 'bottle neck'. We can't get enough water to White Oaks Glen community through the 2-inch to maintain consistent pressure. We are in the process of verifying these assumptions.

When verified we will request a proposal from one of our JOC's to replace approximately 900-ft of 2-inch with 6-inch C-900.

White Oaks Glen 2



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