



TO: PSWID Board of Directors

DATE: July 23, 2020

FROM: Cato Esquivel
District Manager

RE: **DISTRICT MANAGERS REPORT**

OPERATIONS

De-annexing Parcel 301-02-014C

The property is located adjacent to the Portal 4 sub-division. The property is owned and maintained by the adjacent property owner. During the process of building an addition to his home and going through the permit process, the Gila County Assessor discovered that the parcel is in a different water taxing district from the parcel his home is located on.

Parcel 301-02-014C is within the Districts water service area and the adjacent parcel is within the Portal 4 water services area. The property owner is requesting that the District de-annex parcel 301-02-014C out of the District and will annex into Portal 4 water district.

The District would need to bore under SR87 to provide water to this parcel. The District collected approximately \$140.00 in March 2020, in property taxes from this parcel.

Portal 4 has accepted the responsibility of going through the process of de-annexing/annexing the parcel according to state status.

Lodge at 5600

Attached are the Preliminary Civil Improvement plans for the Pine Lodge at 5600. I have had several conversations with Brian Herold, the owner, and his engineering consultant regarding water services.

The proposed development consists of 8 rooms and an office. At 125 gpd per room, we estimated the domestic water use at 1,000 gpd. The proposed plans are showing a 2-inch water service connected to an existing 6-inch water main with a 1-inch meter.

We working out the costs associated with extending a 4-inch waterline from Pine Cone Trail to this parcel; Working on coordinate this project and the District proposed project to replace the existing main in Pine Cone Trail and N. Pine Rd. These improvements will allow us to increase the pressure in this area of Pine to 60 psi; and, Development agreement.

Rimside Village

The Rimside Village development will have 16 ranch style units with individual water meters. They are in the process of pouring their stem walls and pads on four units. The total Average Flow for the 16 units is estimated at 200 gpd/unit or 3,200 gpd or 96,000 gals/month. There is additional information regarding the proposed elevation of a unit at www.rimsidevillage.com

OPERATIONS CIP

Milk Ranch Well-2

As you may recall, in March 2020, we pulled MR2 well motor and pump. We discovered that the shaft had sheared away from the pump. The well motor and pump were pulled and replaced in June 2020. During the start up of the well pump and motor, we ran into an electrical earth fault. We went through multiple parameters and concluded that the issue is most likely the well motor or motor leads. We are working with Areo drilling to re-pull the pump and motor in an effort to locate and address this issue.

Brookeview Terrace Well-4

During our annual ADEQ inspection last year, the inspector directed staff to remove the plaque from BVT 4 and take it offline. ADEQ stated that the District didn't have the authorization to operate this well for municipal purposes. The production rate on this well ranges from 35 gpm to 75 gpm.

Since then we have re-established BVT-4 to be used as a municipal well. During start-up of the well for flushing, we encountered an electrical issue. We are re-evaluating the starter and associated equipment. The production rate on this well is around 30 gpm.

Ponderosa Water Company

We participated in a conference call with Gila County Supervisor Martin, Albert Hunt and various representatives with ACC and ADEQ on July 16. We explained that we have a waterline project under design that will place a 6-inch main in Fossil Creek from Wagon Wheel to Old Spruce scheduled to begin the second week in August 2020.

We reviewed the various options being proposed by ADEQ engineering consultant. One being the system interconnect (\$126,000), the other is drilling a new well (\$250,000), and installing the waterline in each of the cul-de-sacs (\$636,000). We briefly discussed the cost per 1000 gallons. I estimated the cost per 1,000 gallons between \$11 - \$15 and subject to the District Board approval.

The next step is we are planning on meeting with ADEQ and their engineering consultant. The items that will be discussed are the cost of the interconnect, the donation of 50 District meters (positive displacement meters), and who will be constructing the interconnection. We also discuss potential issues with pressure differences, waterline breaks on Ponderosa system and that the District would not be responsible for making these repairs.

We anticipate the water usage in Summer Haven (Ponderosa Water service area) would be similar to the water allocated to the Solitude Trails Domestic Water District, 150,000 gallons per month.

Re-developing Existing Wells

In March 2020 our water production was about 5 MG per month. In March and April 2020 our water production increased to 10 MG's total for each month. The last couple of years in July 2018 and July 2019 our water production was 14 MG's. Based on this we are now investigating options to either rehab an existing well or drill a new one. We are also looking into private wells that have high water production to utilize the resource through a sharing agreement.

We have discovered two well sites that appeared to have been abandon by previous administration. One well is located within the K2 booster and tank site, and the other is SH-4 located about 100 yards north of Strawberry Hollow.

Other wells we are considering are located at the southeast corner of Strawberry and Eagle Drives, and the other is located at the end of Walnut Ln south of Oak Rd. The water levels for each of the wells are roughly 600-feet. We are in the process of reviewing drilling logs and associated well information. If the well information is found to be promising, we will proceed with redevelopment of each one.

ADOT SR87 Project (MP 268.1 to 278 North of Pine)

The Arizona Department of Transportation (ADOT) has completed the Stage III (60%) design for the SR87 project. The purpose of the project is to improve safety by widening the roadway to provide wider shoulders from MP 272.63 to MP 273.45 and provide safety measures including new signs and guardrails throughout the project limits (MP 268.38 to MP 278.25). The work includes: roadway excavation, embankment construction, grading, furnishing and placing aggregate base, asphaltic concrete pavement, and asphaltic concrete friction course, culvert extensions, pavement marking, signing, erosion control, seeding and other related work.

I have advised the state of our 6-inch and 8-inch transmission waterlines along with the various crossings in SR87.