



PINE-STRAWBERRY WATER IMPROVEMENT DISTRICT

General Managers Report

April 28, 2022



View from the #26 trail above Whispering Pines looking West into Pine.

Residential meter leak
rate information

- Water loss: March lost and unaccounted for water was 39% based on the numbers reported. Well production is at 35% of capacity.
- The SV-1 boosters are scheduled to be replaced soon, which will give us more utilization of the well on this site, so between this and two more wells planned to come online, we stand to gain 62 GPM available this summer over last summer.
- This extra GPM has already been accounted for in the Sunrise Engineering Technical Memo and will not come off of the 177 GPM needed to break even.





- We are focusing on getting more valves dropped-in to avoid live leak repairs. This will also lessen the size of the outage areas.
- During The last month 386 man-hours were dedicated to leak repairs.
- 33 leak reports were logged, all were responded to within 30 minutes with the rare exception of when we have all hands-on-deck in the middle of a major repair.
- Regarding public comments that we should “double our efforts to find leaks”, our crews have always been running at 110% effort level and doing an extraordinary job locating and repairing leaks.
- As of 4/27/22 at 12:08 pm we have two leaks open that are being investigated. This is subject to change hourly.



- Regarding public comments about “running an efficiency study like those used in factory settings”, operating a community water system does have a few things that can be labeled “repeated everyday operational tasks” like in a factory setting. However, this particular community water system is very fluid, one can have a truck loaded and ready for a “pump maintenance run” and before he leaves the yard he’ll get two calls for leaks.
- Resiliency may be a better term to use for a measuring tool for a study, and our crew has an exceptional ability to adapt to an everchanging work environment.
- Speaking of “live leak” repairs; the picture to the left shows the dedication our crew has in getting things done no matter what the circumstance (sliding on a repair clamp in four plus feet of water).

- We have cross checked our available “old wells” list with other available lists and have come up with an additional ten wells to investigate. Test pumping and evaluations are ongoing.
- However, we must locate nearby septic diagrams before making any commitments to move forward. Currently working with the County on this.



- Staff has made last-minute changes to the drought preparedness plan, and we are ready to to finalize it.

Water Conservation and Drought Management Measures			
Increasing Drought Severity			
Water Alert: 1	Water Warning: 2	Water Crisis: 3	Water Emergency: 4
Stage 1 Trigger: The District's water storage or well production has been maintaining 90%-100% of supply, or is expected to do so for the next 7 days.	Stage 2 Trigger: The District's water storage or well production has been maintaining 70%-89% of supply for 72 hours, or is expected to do so for the next 7 days.	Stage 3 Trigger: The District's water storage or well production has decreased to 60%-69% of supply for 48 hours, or is expected to do so within the next 7 days.	Stage 4 Trigger: The District's water storage or well production has decreased to 0%-59% of supply for 24 hours, or is expected to do so within the next 7 days.
Restrictions: The measures in Stage 1 will be voluntary. The District will request customers to voluntarily reduce water consumption by 10% per household, and to limit water use by implementing the following measures: Limit outdoor watering and irrigation to 6pm-6am with the exemption of livestock Limit washing of sidewalks, driveways, and parking lots for dust control Limit use of outdoor misting systems; customers are encouraged to install artificial turf and veriscape only Backwash swimming pools, wading pools, hot tub and Jacuzzi type pools, ponds, etc. to landscaping to water and irrigate Limit vehicle washing, or use recycled water such as grey water Limit use of any other outdoor water consuming activities Customers are encouraged to install water efficient toilets and fixtures to conserve water Customers are encouraged to harvest rainwater for outdoor uses and any watering	Restrictions: Measures in Stage 1 will go into effect, and will no longer be voluntary. The District will request all water usage to be reduced by 15% for each household. In addition to Stage 1 measures, the following will be implemented: Limit outdoor watering and irrigation to every other day following the odd/even address method with the exemption of livestock Water use for dust control is prohibited on weekdays except to protect public health All customers are encouraged to wait until Stage 2 has been lifted before installing new misting systems Filling swimming pools, wading pools, hot tub and Jacuzzi type pools are prohibited on weekends unless required to maintain structural integrity, proper operation and maintenance, and/or to alleviate an issue that poses a public health concern Vehicle washing is prohibited and customers are encouraged to use automatic car washes Customers are encouraged to have back up storage of fresh water on hand	Restrictions: Measures in Stage 2 will carry over, with some being restricted or prohibited. The District will request all water usage to be reduced by 25% for each household. In addition to Stage 2 measures, the following will be implemented: Outdoor watering and irrigation is prohibited on Mondays to allow systems to regenerate with the exception of livestock Water use for dust control is prohibited except to protect public health Use of water misting systems are prohibited Filling swimming pools, wading pools, hot tub and Jacuzzi type pools are prohibited unless specifically required to maintain structural integrity, proper operation and maintenance, and/or to alleviate an issue that poses a public health concern Airbnbs, VRBOs, hotels, and any other of the sort are required to implement water conservation measures by encouraging patrons to reuse towels and linens. District also recommends handing out water conservation measure pamphlets to patrons or hang conservation measures at an easily accessible location on property Restaurants should only serve water upon request Water service may be halted intermittently within sections of the service area to allow systems to regenerate Drought surcharge and/or high usage fees may be implemented, or high usage customers may risk disconnection	Restrictions: Measures in Stage 3 will carry over, with most being restricted or prohibited. The District will request all water usage to be reduced to 50% for each household. In addition to Stage 3 measures, the following will be implemented: Outdoor watering and irrigation will be prohibited on Mondays, Wednesdays, Fridays, and Sundays to allow systems to regenerate with the exception of livestock Water used for construction is prohibited unless approved by the District Customers are encouraged to not use water outdoors except for watering livestock Filling and draining of pools, wading pools, hot tub and Jacuzzi type pools are prohibited. If they must be drained, it's required they be backwashed into landscaping and not into ditches or streets Customers are highly encouraged to implement water saving methods in their homes. For example: shorten shower times using the "military shower" method, limit bath use, turning water off while washing hands, brushing teeth, doing dishes, and general cleaning Customers are requested to have back up storage of fresh water on hand Drought surcharge and/or high usage fees may be implemented, or high usage customers may risk disconnection Notice Requirement: The District will notify customers of drought conditions (include in water bills, post in public places, and email) Such notice shall notify the customers of the general nature of the problem and the need to conserve water.



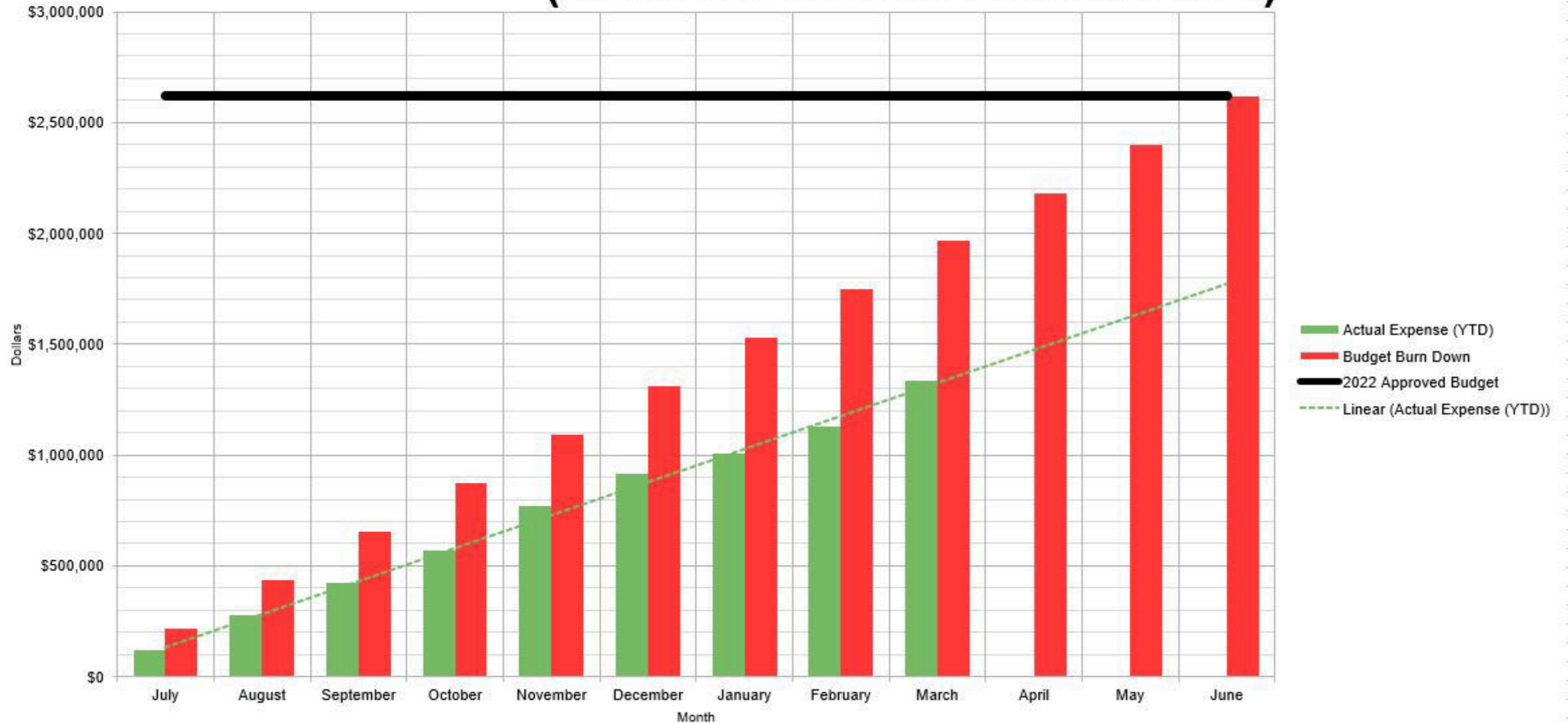


To the left is the status of the Ponderosa interconnect. It should be completed this week. However, it will not be activated until after the moratorium is lifted.

Below is a picture of the Pine Creek 2 project that started this week and should be wrapped up by June 2022.



2022 PSWID Operations Budget Burn (Does not include Debt Service)





Customer Purchase Agreement

Account Manager: Greg Smith

PSR:

DBS Agreement #:

Customer #: 2522231

Date: 4/28/2022

Customer Name: PINE-STRAWBERRY WATERIMPROVEMENT DISTRICT

Contact: DAVID DICKINSON

Contact Phone: 928-476-4222

Address: PO BOX 134

City/State/ZIP: PINE 85544

Phone: 928-476-4222

Invoicing Customer: PINE-STRAWBERRY WATER - 2522231G

PO #:

Terms: Check paid In Advance

Special Payment Instructions: For Wire Instructions call Empire Credit Dept. at 480.633.4523

Please include the following information with your payment or wire:

Invoicing Customer: PINE-STRAWBERRY WATER

Customer Number: 2522231

Agreement Number:

Serial Number(s):

Delivery Location:

Delivery Address:

Delivery Zip Code:

F.O.B: EMPIRE

City/State: PINE, AZ

Cust. Required Delivery Date: 7/29/2022

Job Site Location: SHOW LOW, AZ

Bond #:

Freight: The freight will be provided by a Common Carrier and paid for by: Empire Common

IF APPLICABLE: Cat Certified Used meets hour and age limits, inspection, remaining or min warranty specific by Model.
A Basic CVA for 2 YR or 1,000 hour, Filter Kits will be delivered on time through scheduling and notification.

Equipment

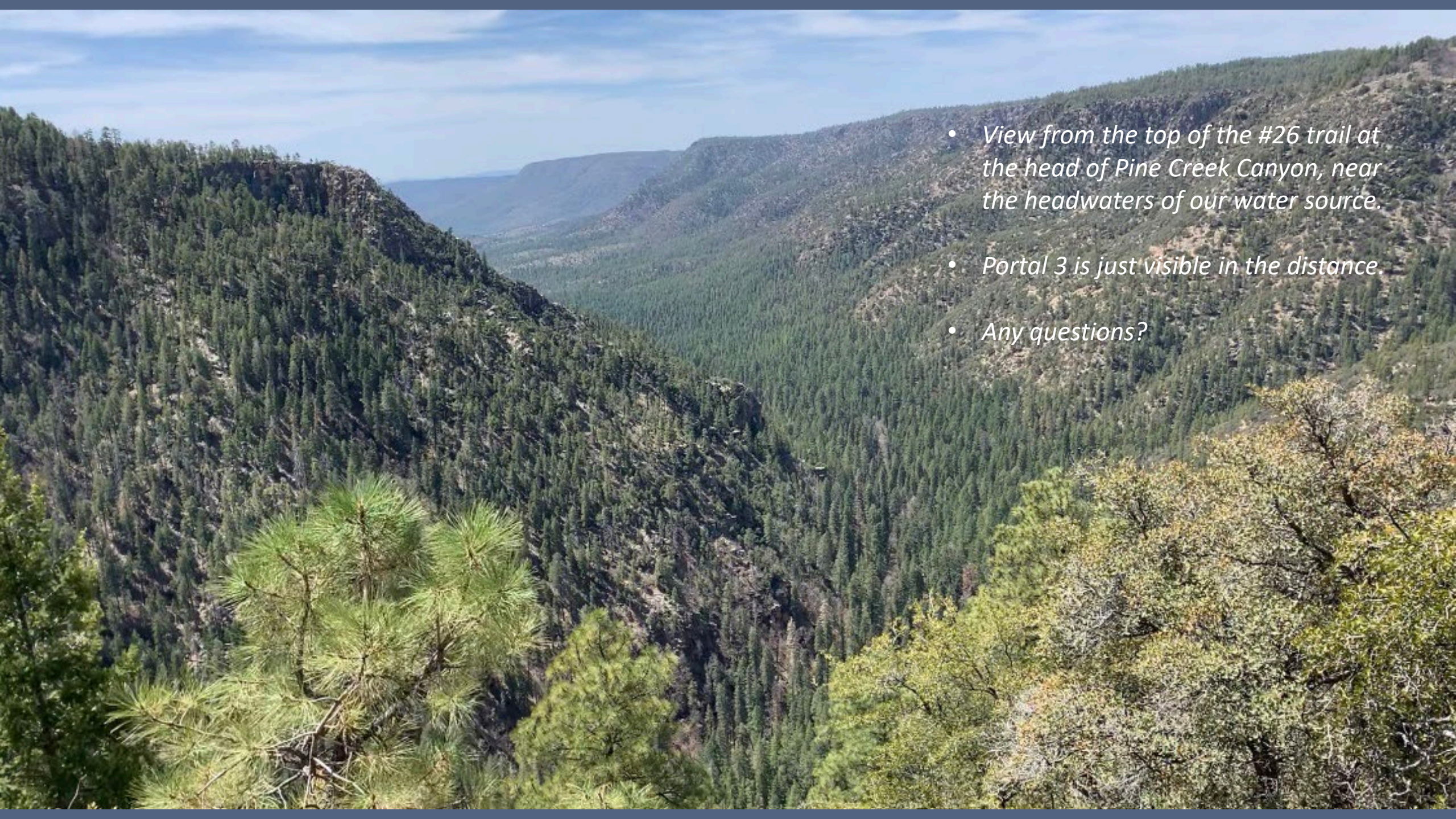
Serial Number	Year	Model	ID #	Inv	Make	Description	Sell Price
	2022	420-07	E178195		CATERPILLAR	BACKHOE LOADER, DELUXE CAB, 4X4, E-STICK, COUPLER, 12", 18", 24" BUCKETS, 22" WHEEL, BSS HAMMER 5 YEAR/2500 HOUR PT PLUS HYD 12 Months Of Travel Time And Mileage	\$149,198.00
		B4500			ARROW	BUCKET FORKS (INSTALLED) Standard Manufacture's Warranty	\$1,975.00

Notes

OMNIA PURCHASING CONTRACT #161534

Sub Total:	\$151,173.00
State/County Sales Tax (Navajo County 6.43%):	\$9,720.42
City Sales Tax (Mesa 2.00%):	\$3,023.46
Balance Due:	\$163,916.88

- Last Item: discuss and take possible action regarding purchasing a Cat backhoe not to exceed \$165,000
- Quote on the left includes the 30% Government discount.



- *View from the top of the #26 trail at the head of Pine Creek Canyon, near the headwaters of our water source.*
- *Portal 3 is just visible in the distance.*
- *Any questions?*