

Baca Grande Water and Sanitation District
Monthly Operations Report

November 20th, 2024



Spanish Creek Manhole Before Rehabilitation on 10/24/24



Spanish Creek Manhole after Rehabilitation

Facilities and Staff Updates

In Service

Repaired
last month

Out of
Service

Water Facilities											
Well 18		Moonlight Transfer Station		Ridgeview Transfer Station		Fallen Tree Transfer Station		Pinecone Booster Station		Shumei Booster Station	
Pump 1	Pump 2	Pump 1	Pump 2	Pump 1	Pump 2	Pump 1	Pump 2	Pump 1	Pump 2	Pump 1	Pump 2

Wastewater Facilities									
Aspen WWTP		Stables Lift Station		Wagon Wheel Lift Station		MHE Lift Station		Dharma Ocean Lift Station	
Pump 1	Pump 2	Pump 1	Pump 2	Pump 1	Pump 2	Pump 1	Pump 2	Pump 1	Pump 2

Service Vehicles				
Truck 1	Truck 2	Truck 3	Truck 4	Truck 5

Equipment				
Vactor Truck	Dump Truck	Backhoe	Skid steer	Excavator

- **No New Equipment or Vehicle Failures or updates to report**
 - Pump2 motor at Ridgeview TS has been delivered and installed.

- **Accidents**
 - No Accidents to report on

- **New Hire for Operations**
 - Jim Vanderpool has been Hired to join our Operations side.

Operations Updates

➤ Aspen Wastewater Treatment Plant

- Ev Studios Hvac and Electrical engineers submitted their draft report on AIWWTP so we can continue to work on the PER for the Dola Grant.

➤ Main Office Roof Inspection For Potential Roof Replacement

- Still looking into a company for roof replacement.

➤ No Leaks to Report on

➤ Distribution meter

- The Distribution meters are showing good information. We are trying to account for our unbilled unmetered accounts to narrow down the search area more. The District also has some leak detection equipment that we are in the process of planning to deploy for more information.

➤ Projects

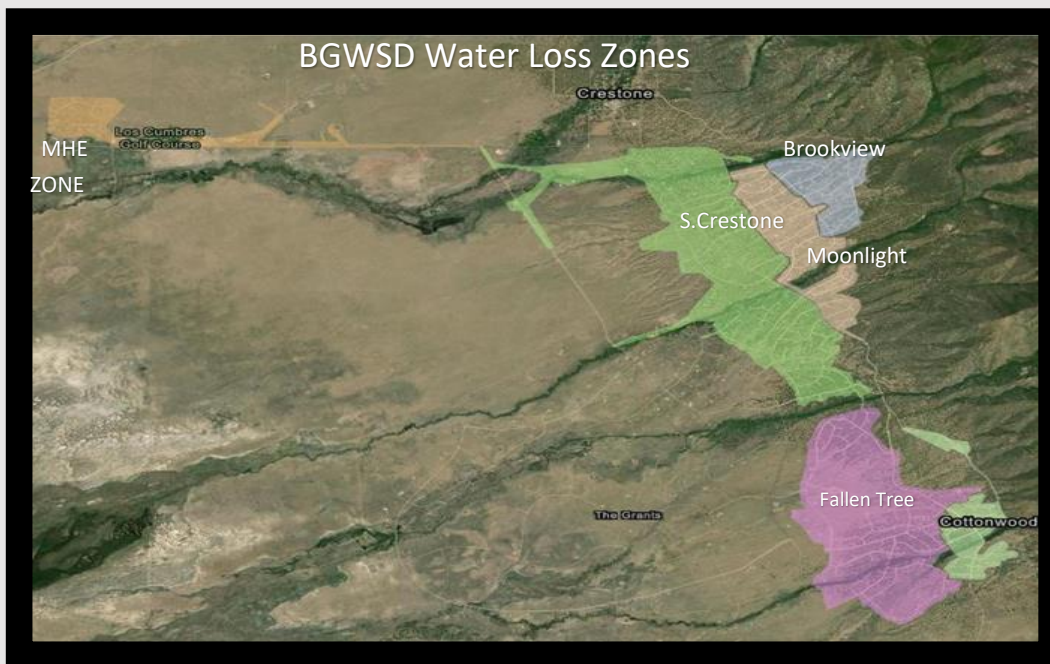
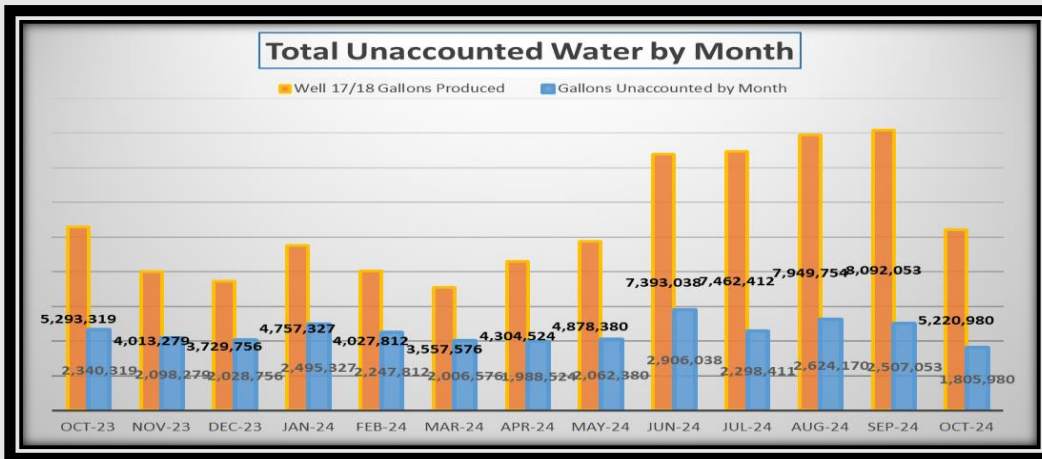
- Summer annual maintenance projects are under Way
 - Valve Maintenance- In process
 - Collection System Cleaning- In Process
 - Collection System Inspections-In-Process
 - Fire Hydrant Maintenance- Completed
 - Dig List (various projects that require excavation)- In Process
 - Spanish creek manhole rehab Completed 10/24-25
 - Facility Weed Control- Completed

➤ Unaccounted Water

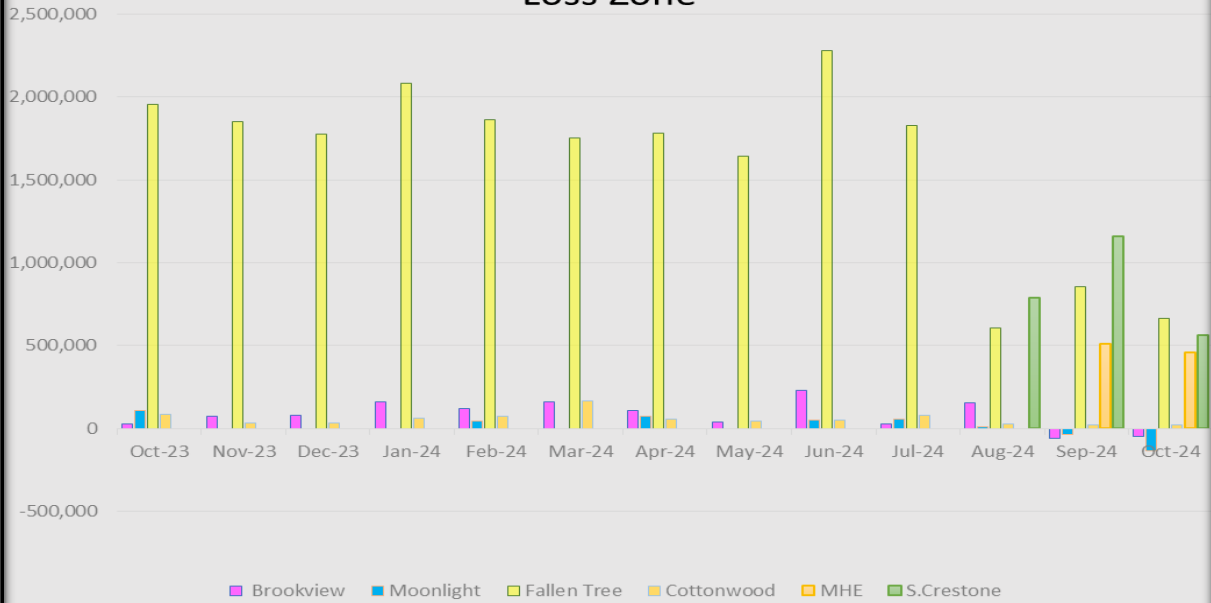
- Wells 17 and 18 produced 5,220,980 gallons of water in the month of October.
- The District sold its customers 3,415,000 gallons of water in the month of October, leaving 1,805,980 gallons unaccounted for.
- 35% of the water produced is unaccounted for in the month of October.

➤ Aspen WWTP and Town of Crestone Loading

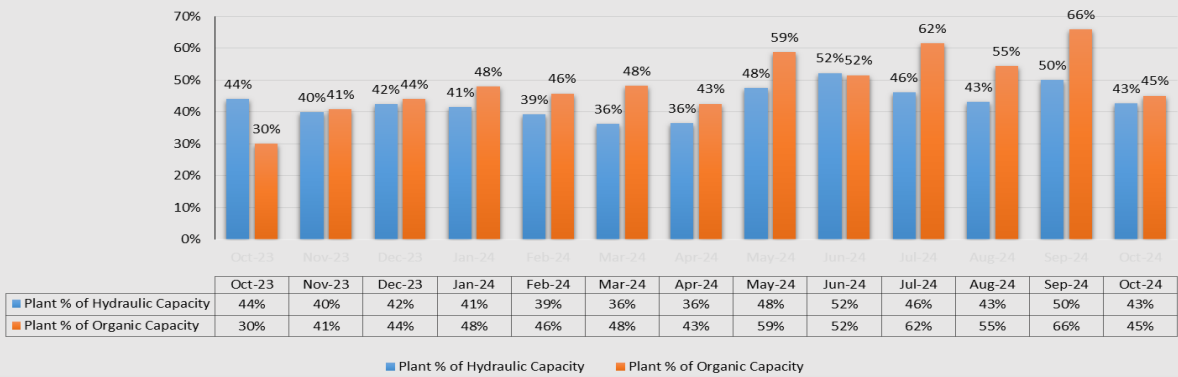
- Aspen WWTP averaged 43% of hydraulic loading capacity in the month of October, the Town of Crestone contributed an average of 22% of the treatment plants hydraulic load.
- Aspen WWTP averaged 45% of organic loading capacity in the month of October. The Town of Crestone contributed an average of 22% of the treatment plants organic load.



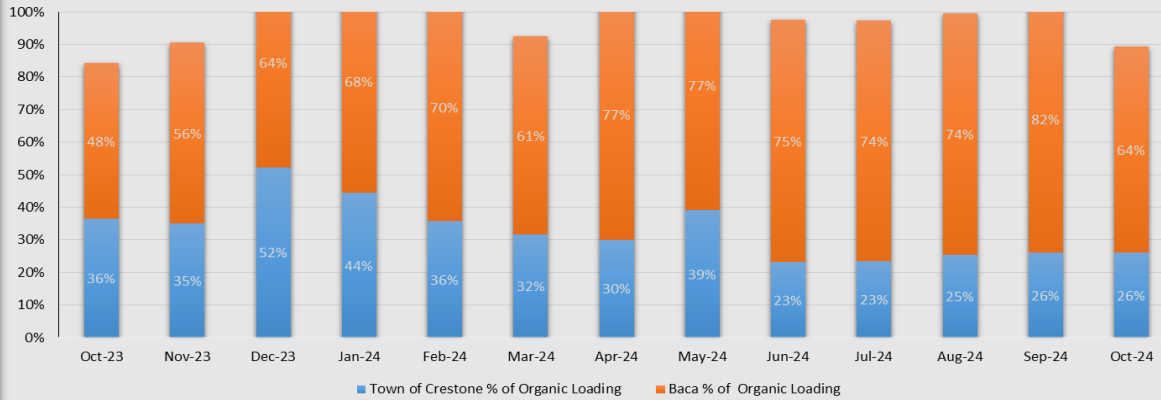
Total Monthly Unaccounted in Gallons by Water Loss Zone



Percentage of Plant Capacities by Month at Aspen Wastewater Treatment Plant



Average % of Total Organic Loading of Aspen Wastewater Treatment Plant by Month of 2023-2024



Average % of Total Hydraulic Loading of Aspen Wastewater Treatment Plant by Month 2023-2024

