Baca Grande Water and Sanitation District

Monthly Operations Report

March 19th, 2025

Section of 4” Wooden water Pipe

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 Failure. No Vehicle Failures to report**
  - MHE Lift station pump one has been ordered

- **Accidents**
  - Truck 3 was backed into during an excavation by a resident. Some damage to the passenger side. The truck will need to be sent out for some body repairs. No one was injured.

Operations Updates

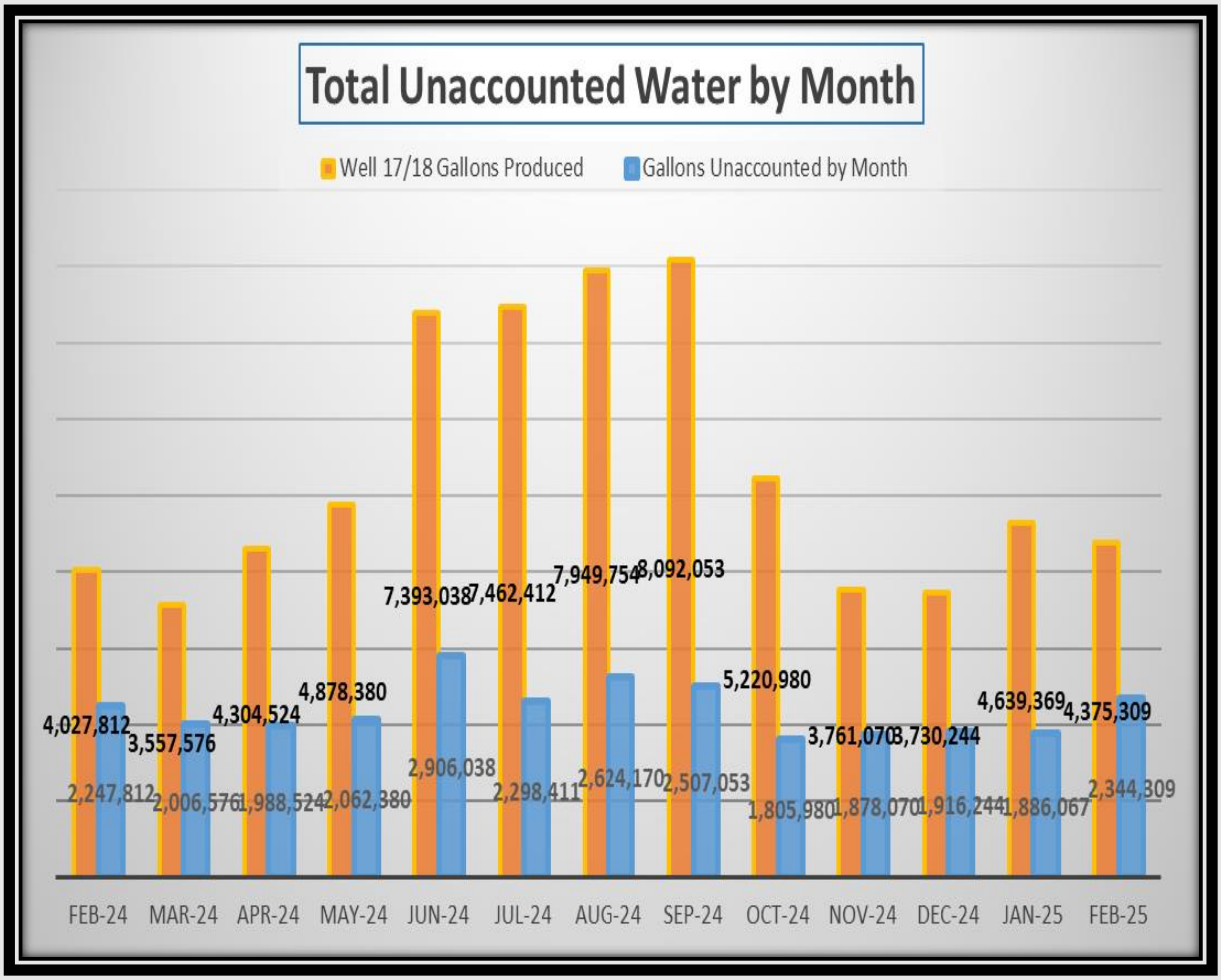
- **Sanitary Survey**
  - Sanitary Survey was completed with no violations February 20th, 2025
- **EIAF Grant Presentation**
  - EIAF Tier II grant application presentation went well
- **Leaks to report**
  - Two leaking taps were turned off in the MHE zone should see improvements for the water loss in that zone.
- **Aspen WWTF Road Easement**
  - The evacuation route road work. Road and Bridge will be performing work on the road near Aspen to raise the road level to the top of our manholes so they can widen the road along that section. This will require the District to change its gate to soften the dogleg at the WWTF entrance.

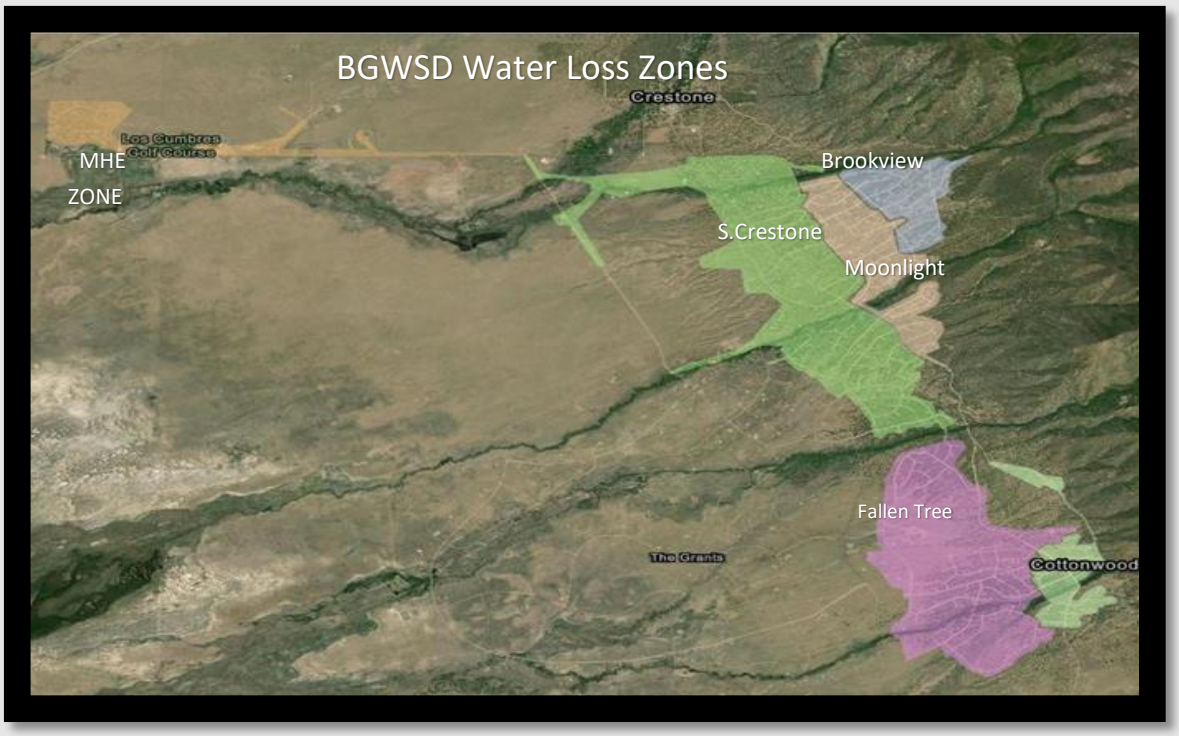
- **Projects**

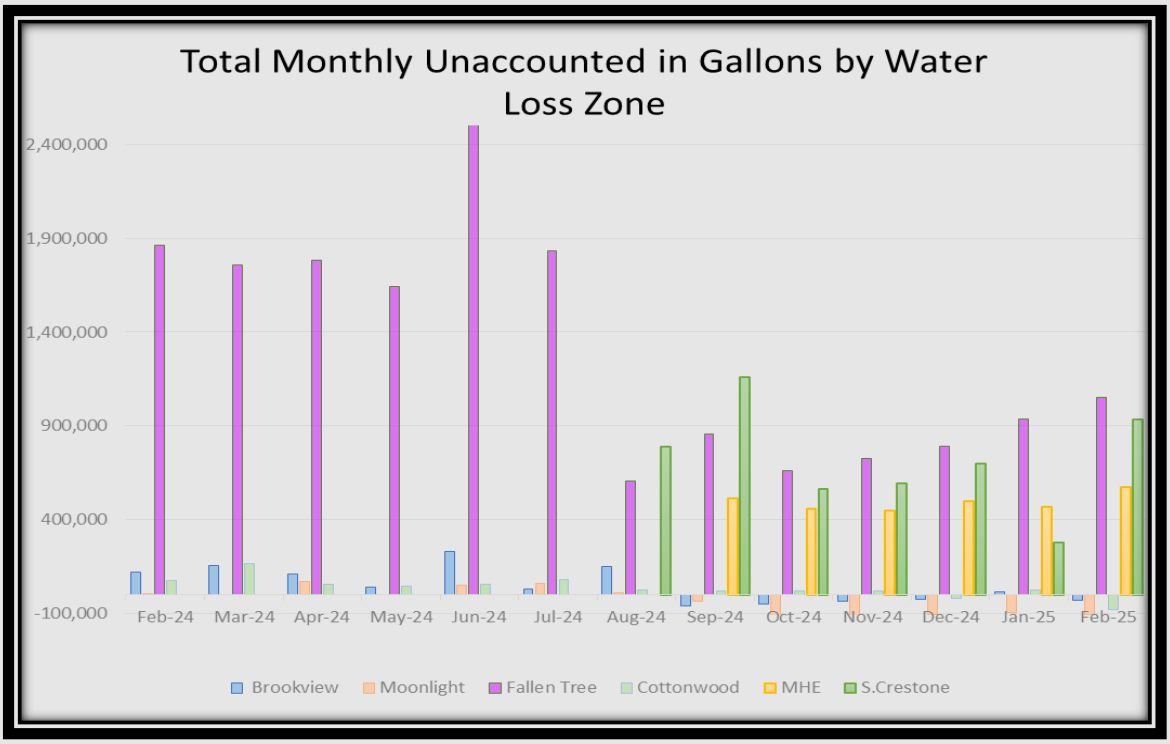
  Moving into Spring/Summer Project List
  - Fire Hydrant Maintenance
  - Valve Maintenance
  - Collection system cleaning
  - Collection system inspections
  - Grounds Maintenance and weed control
  - Dig list (A variety of excavation projects)
  - Leak Detection

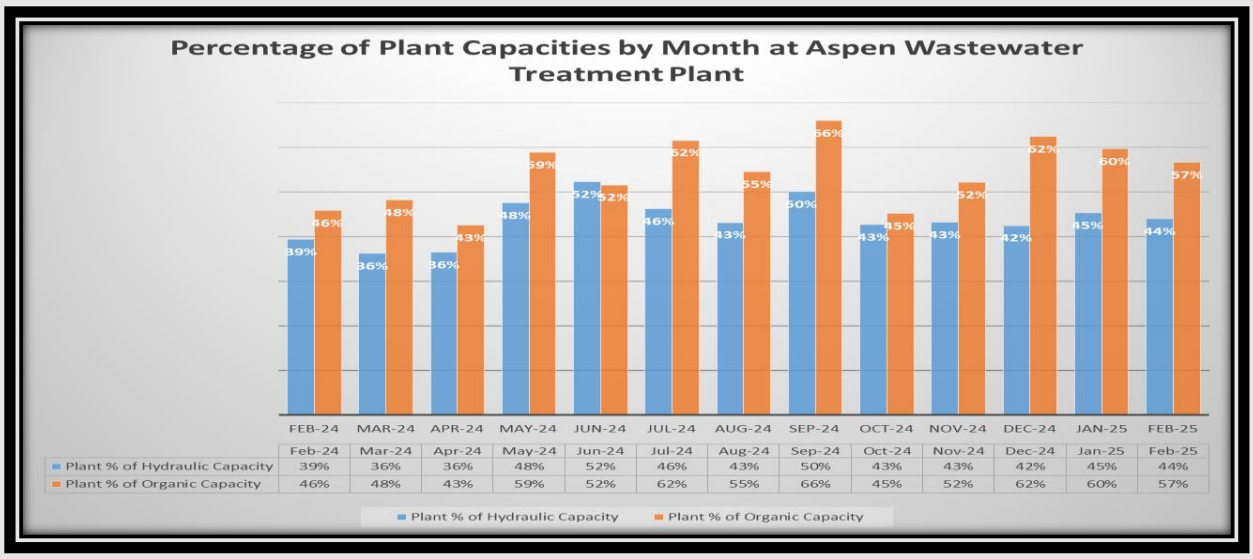
- **Unaccounted Water**
  - Wells 17 and 18 produced 4,322,115 gallons of water in the month of February.
  - The District sold its customers 2,031,000 gallons of water in the month of February, leaving 2,291,115 gallons unaccounted for.
  - 52% of the water produced is unaccounted for in the month of February.

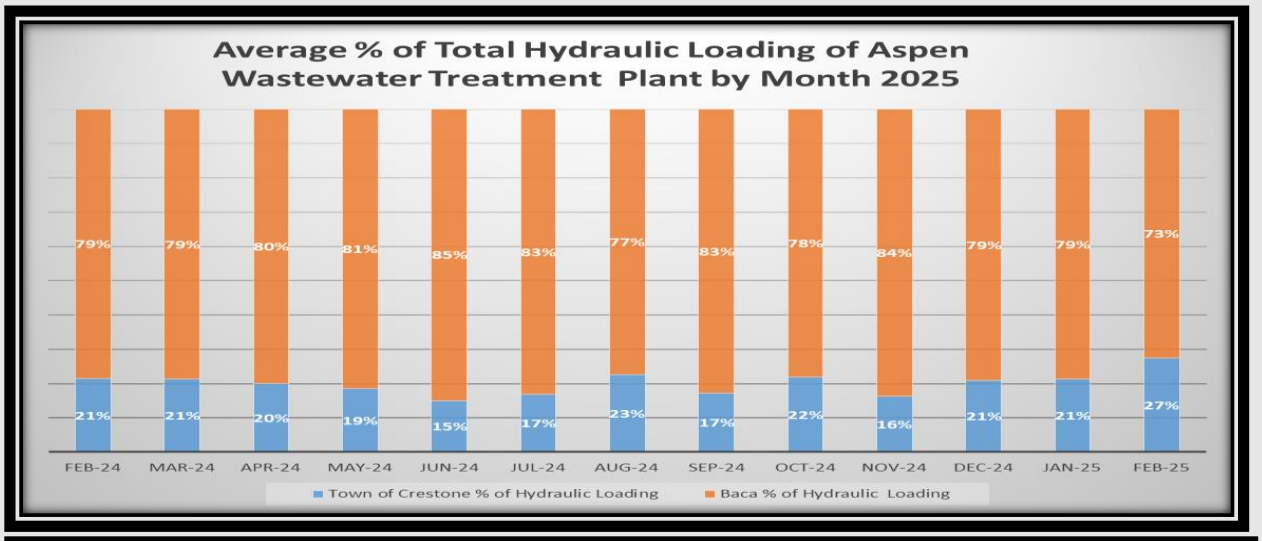
- **Aspen WWTP and Town of Crestone Loading**
  - Aspen WWTP averaged 44% of hydraulic loading capacity in the month of February, the Town of Crestone contributed an average of 36% of the treatment plants hydraulic load.
  - Aspen WWTP averaged 57% of organic loading capacity in the month of February. The Town of Crestone contributed an average of 32% of the treatment plants organic load.

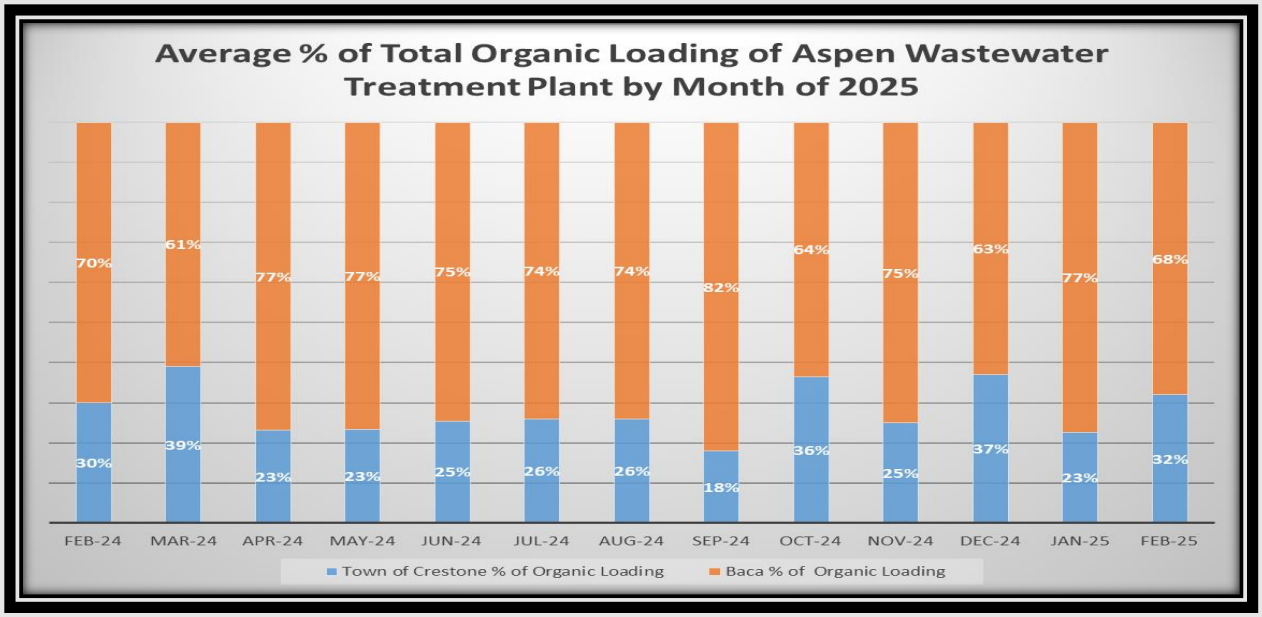



BGWSD Water Loss Zones
Crestone
Los Cumbres Golf Course
MHE
ZONE
Brookview
S.Crestone
Moonlight
Fallen Tree
The Granis
Cottonwood


Total Monthly Unaccounted in Gallons by Water Loss Zone
2,400,000
1,900,000
1,400,000
900,000
400,000
-100,000
Feb-24
Mar-24
Apr-24
May-24
Jun-24
Jul-24
Aug-24
Sep-24
Oct-24
Nov-24
Dec-24
Jan-25
Feb-25
Brookview
Moonlight
Fallen Tree
Cottonwood
MHE
S.Crestone


Percentage of Plant Capacities by Month at Aspen Wastewater Treatment Plant
FEB-24 MAR-24 APR-24 MAY-24 JUN-24 JUL-24 AUG-24 SEP-24 OCT-24 NOV-24 DEC-24 JAN-25 FEB-25
Plant % of Hydraulic Capacity 39% 36% 36% 48% 52% 46% 43% 50% 43% 43% 42% 45% 44%
Plant % of Organic Capacity 46% 48% 43% 59% 52% 62% 55% 66% 45% 52% 62% 60% 57%
Plant % of Hydraulic Capacity
Plant % of Organic Capacity


Average % of Total Hydraulic Loading of Aspen Wastewater Treatment Plant by Month 2025
FEB-24 MAR-24 APR-24 MAY-24 JUN-24 JUL-24 AUG-24 SEP-24 OCT-24 NOV-24 DEC-24 JAN-25 FEB-25
Town of Crestone % of Hydraulic Loading
Baca % of Hydraulic Loading


Average % of Total Organic Loading of Aspen Wastewater Treatment Plant by Month of 2025
FEB-24 MAR-24 APR-24 MAY-24 JUN-24 JUL-24 AUG-24 SEP-24 OCT-24 NOV-24 DEC-24 JAN-25 FEB-25
Town of Crestone % of Organic Loading
Baca % of Organic Loading