Baca Grande Water and Sanitation District

Monthly Operations Report

August 20th , 2025

Rocky Mountain Crane Services Moving the Generator into Place.

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 equipment failures or vehicle failures to report**

- **Accidents**
  - No accidents to report.

Operations Updates

- **No Leaks to report**

- **South Crestone Tank mitigation**

  - We have done some mitigation around the South Crestone tank. Removing dead and down trees and some lower branches.

- **Moonlight Tank Comprehensive inspection**

  - In May during our periodic tank inspections the staff had reason to suspect damage to the liner on the north side of Moonlight tank. That side was isolated until we get a comprehensive inspection done to determine if there is damage and if how to repair it. The comprehensive inspection determined that there is damage to the roof liner. Two small tears at the top of two support columns, we are working with Overland diving services to conduct repairs compliant with CDPHE.

- **Aspen WWTF**
  - The District has set the new Generator and will start getting it connected to the fuel tank.

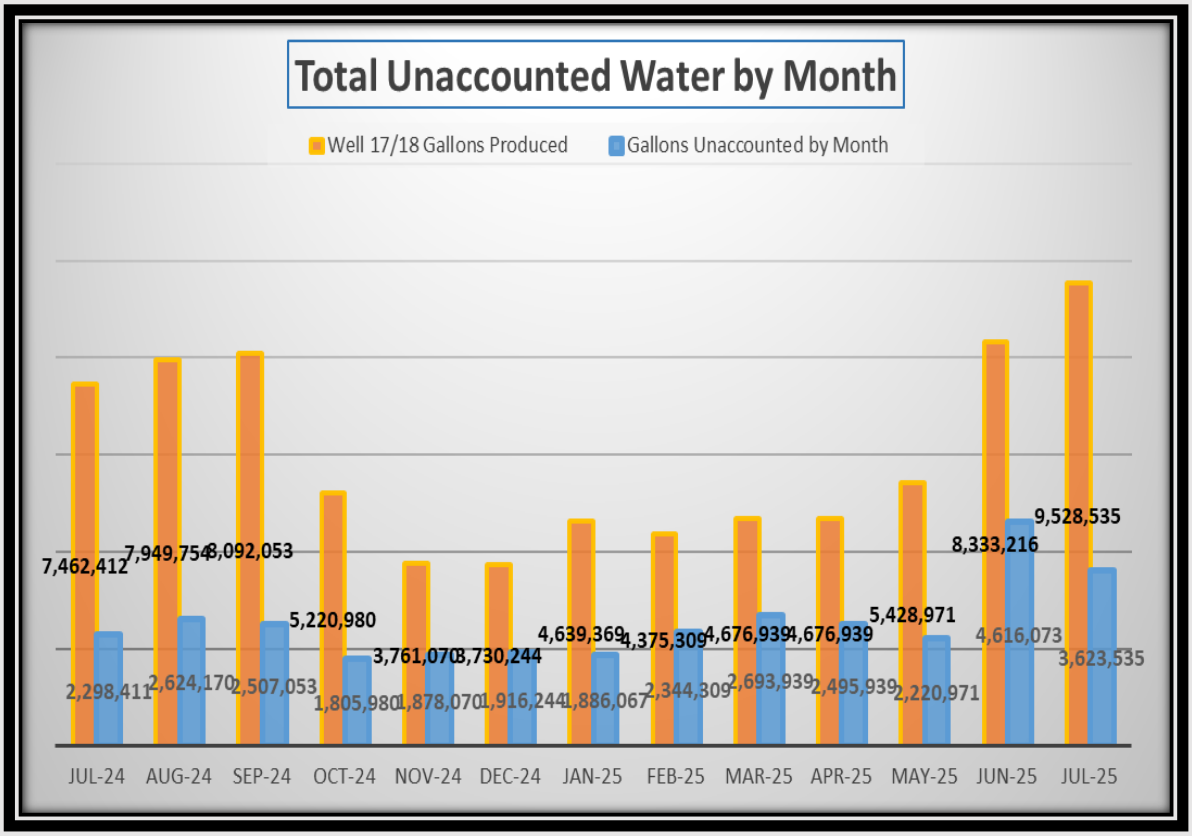
- **Projects**

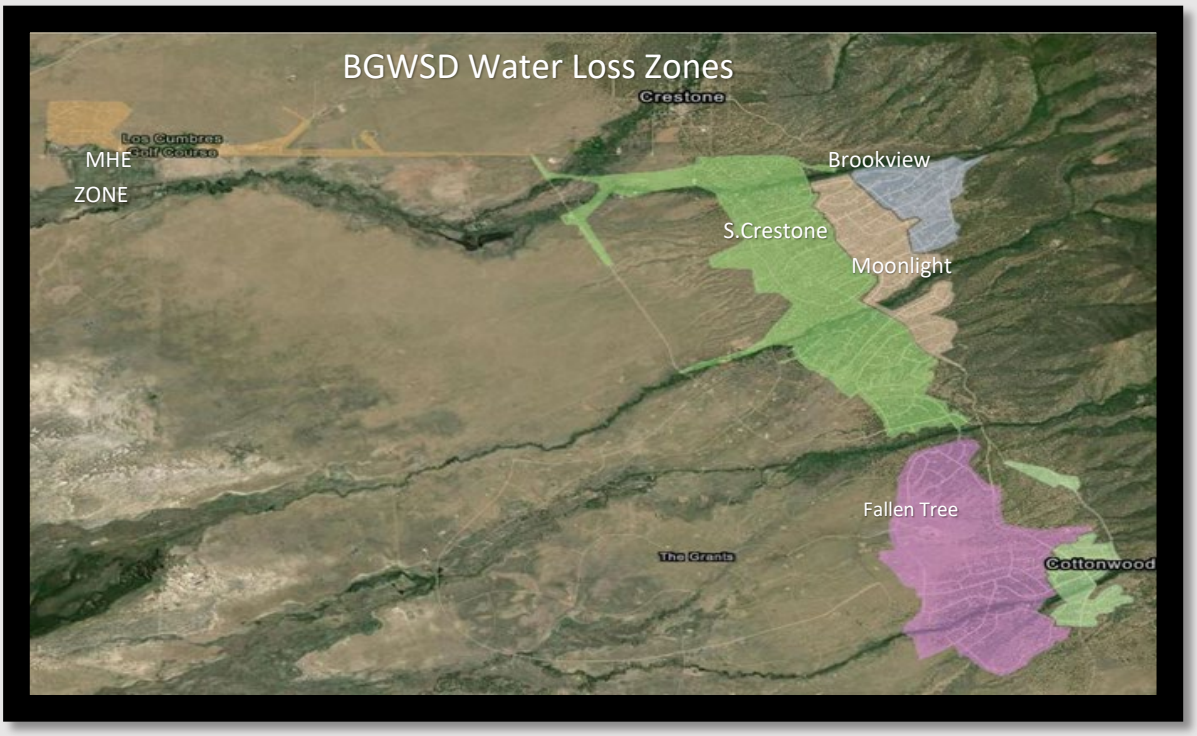
  Summer Project List

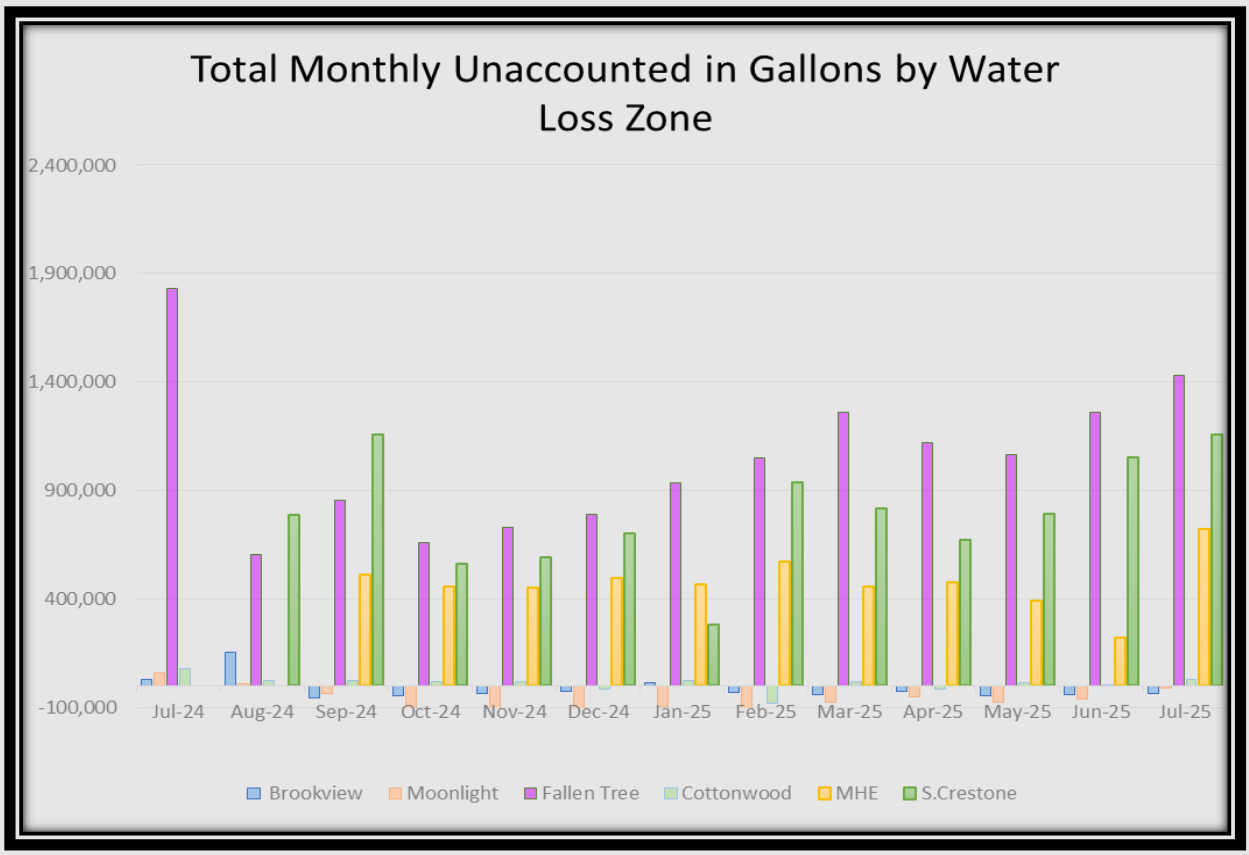
  - Fire Hydrant Maintenance (completed for the season)
  - Valve Maintenance (In Process)
  - Collection system cleaning (In Process)
  - Collection system inspections (In Process)
  - Grounds Maintenance and weed control (In Process)
  - Dig list (A variety of excavation projects)
  - Leak Detection (On Going)

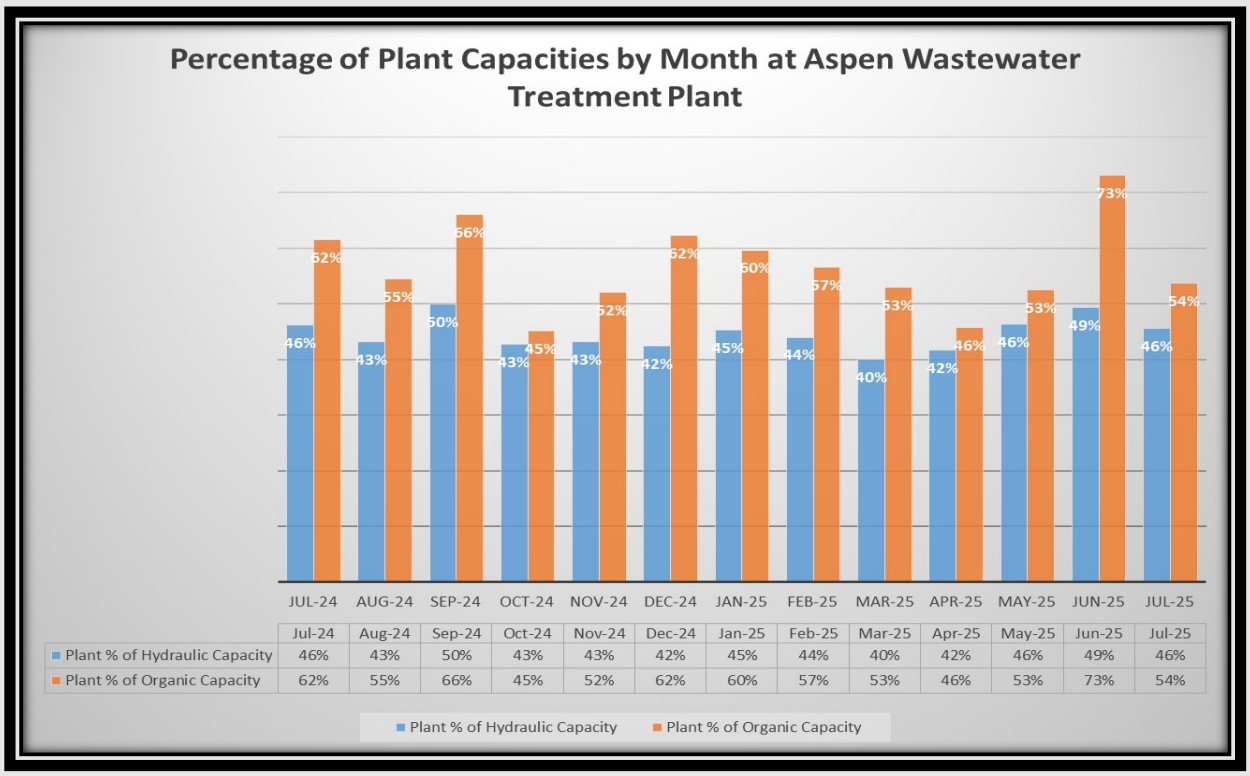
- **Unaccounted Water**
  - Wells 17 and 18 produced 9,282,452 gallons of water in the month of July.
  - The District sold its customers 5,905,000 gallons of water in the month of July, leaving 3,207,257 gallons unaccounted for.
  - 34% of the water produced is unaccounted for in the month of July.

- **Aspen WWTP and Town of Crestone Loading**
  - Aspen WWTP averaged 46% of hydraulic loading capacity in the month of July, the Town of Crestone contributed an average of 25% of the treatment plants hydraulic load.
  - Aspen WWTP averaged 54% of organic loading capacity in the month of July. The Town of Crestone contributed an average of 35% of the treatment plants organic load.

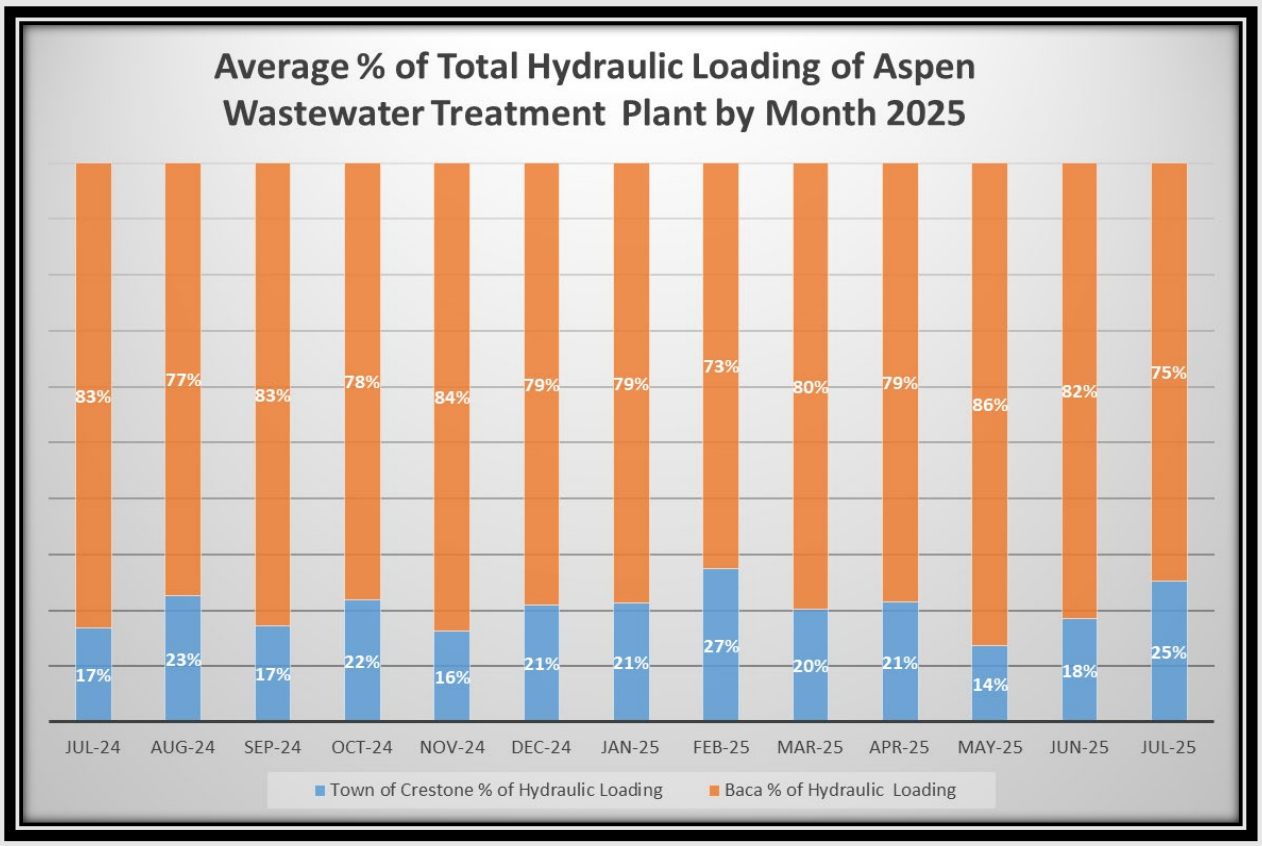

Total Unaccounted Water by Month
Well 17/18 Gallons Produced
Gallons Unaccounted by Month
7,462,412
7,949,754
8,092,053
5,220,980
3,761,070
3,730,244
4,639,369
4,375,309
4,676,939
4,676,939
5,428,971
8,333,216
9,528,535
2,298,411
2,624,170
2,507,053
1,805,980
1,878,070
1,916,244
1,886,067
2,344,309
2,693,939
2,495,939
2,220,971
4,616,073
3,623,535
JUL-24
AUG-24
SEP-24
OCT-24
NOV-24
DEC-24
JAN-25
FEB-25
MAR-25
APR-25
MAY-25
JUN-25
JUL-25

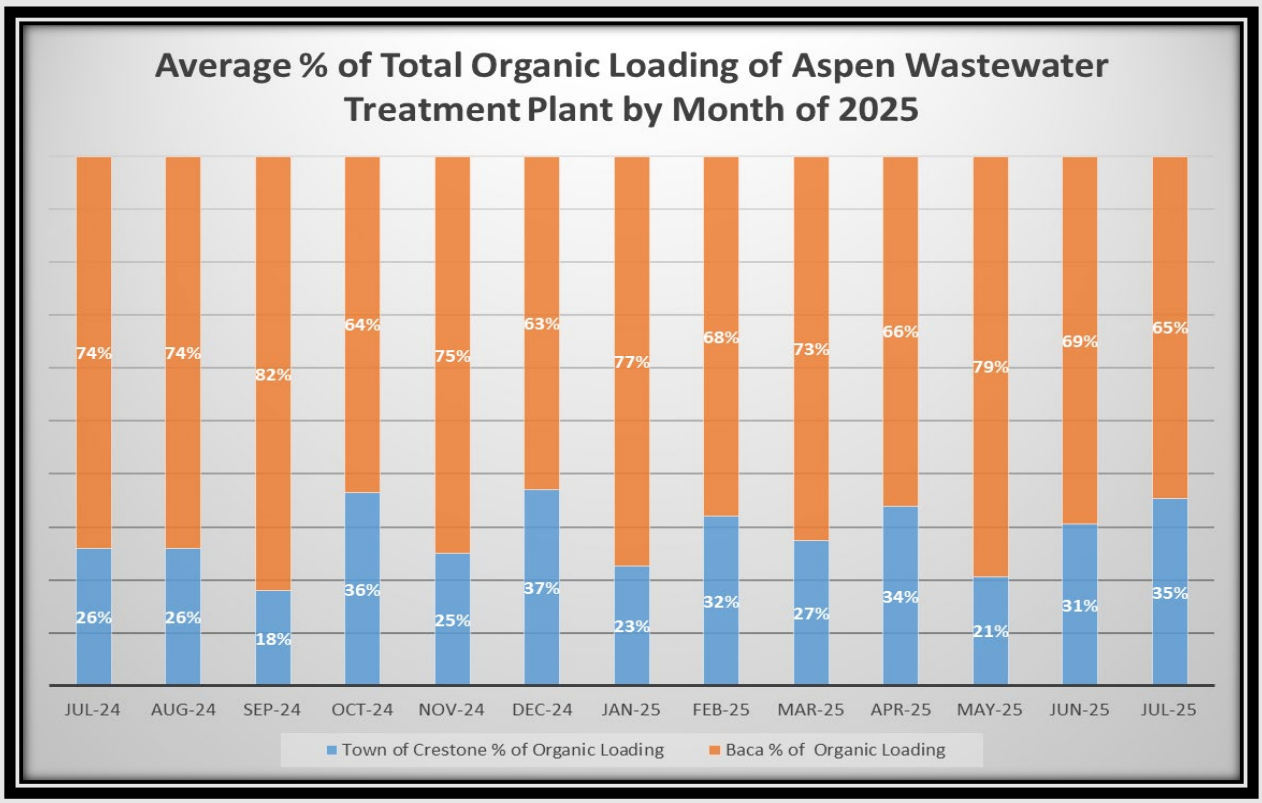

BGWSD Water Loss Zones
Crestone
Los Cumbres Golf Course
MHE ZONE
Brookview
S.Crestone
Moonlight
Fallen Tree
The Grants
Cottonwood





	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	Jan-25	Feb-25	Mar-25	Apr-25	May-25	Jun-25	Jul-25
Plant % of Hydraulic Capacity	46%	43%	50%	43%	43%	42%	45%	44%	40%	42%	46%	49%	46%
Plant % of Organic Capacity	62%	55%	66%	45%	52%	62%	60%	57%	53%	46%	53%	73%	54%


Average % of Total Hydraulic Loading of Aspen Wastewater Treatment Plant by Month 2025
83%
77%
83%
78%
84%
79%
79%
73%
80%
79%
86%
82%
75%
17%
23%
17%
22%
16%
21%
21%
27%
20%
21%
14%
18%
25%
JUL-24
AUG-24
SEP-24
OCT-24
NOV-24
DEC-24
JAN-25
FEB-25
MAR-25
APR-25
MAY-25
JUN-25
JUL-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
74%
74%
82%
64%
75%
63%
77%
68%
73%
66%
79%
69%
65%
26%
26%
18%
36%
25%
37%
23%
32%
27%
34%
21%
31%
35%
JUL-24
AUG-24
SEP-24
OCT-24
NOV-24
DEC-24
JAN-25
FEB-25
MAR-25
APR-25
MAY-25
JUN-25
JUL-25
Town of Crestone % of Organic Loading
Baca % of Organic Loading