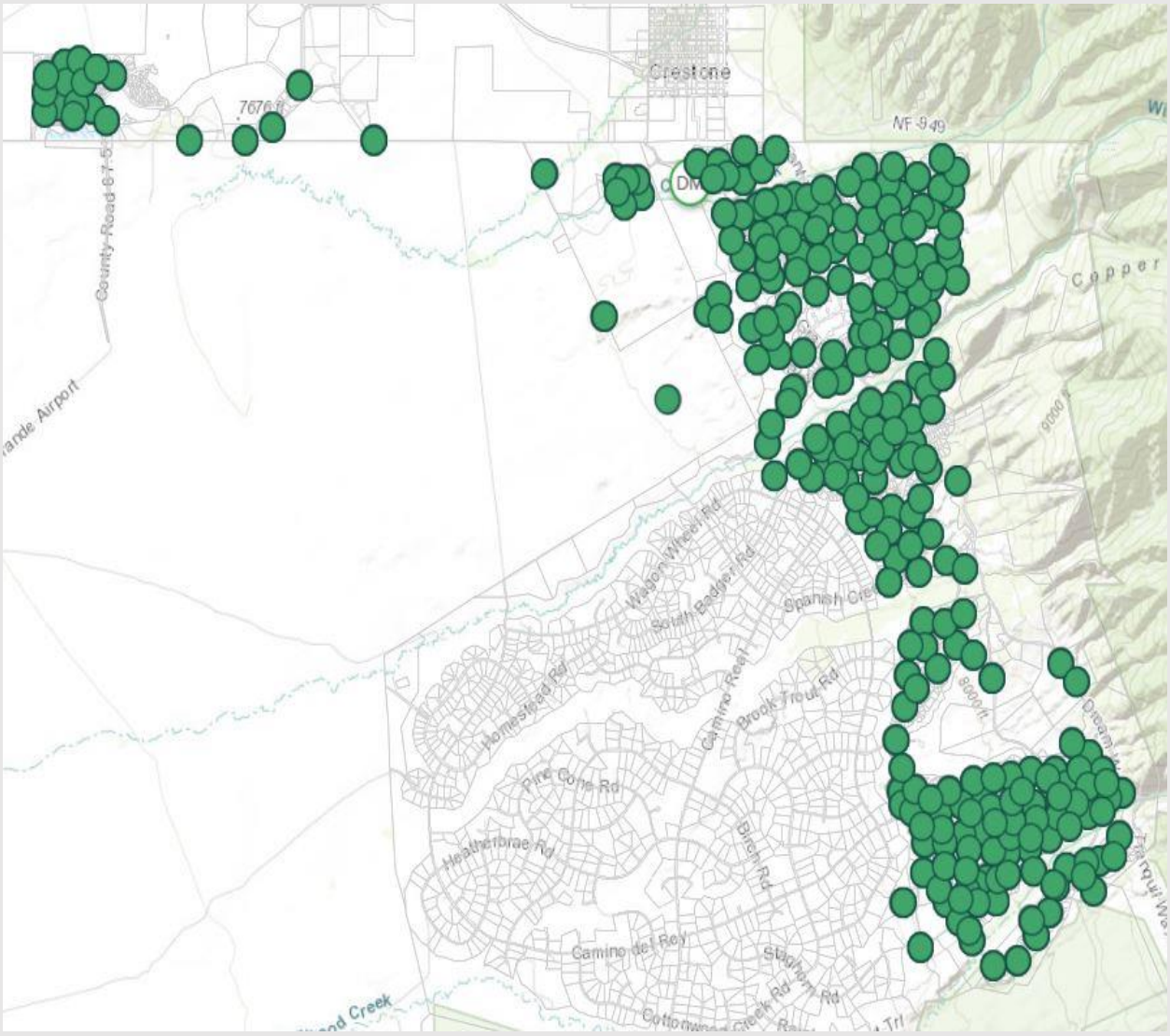
Baca Grande Water and Sanitation District

Monthly Operations Report

July 16th , 2025



Hydrant Maintenance 2025 Almost Completed

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

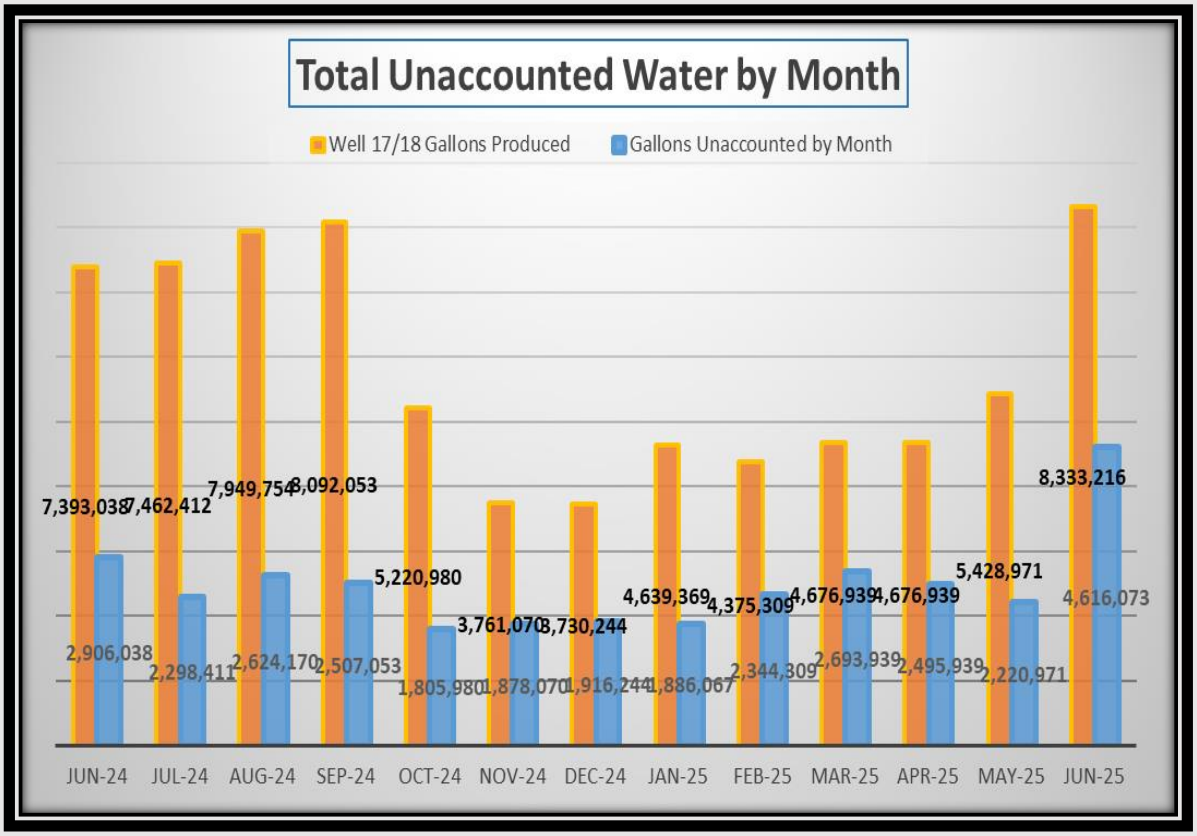
- **No Leaks to report**
- **Aspen WWTF**
  - The District has received the PER from Element and it is under review

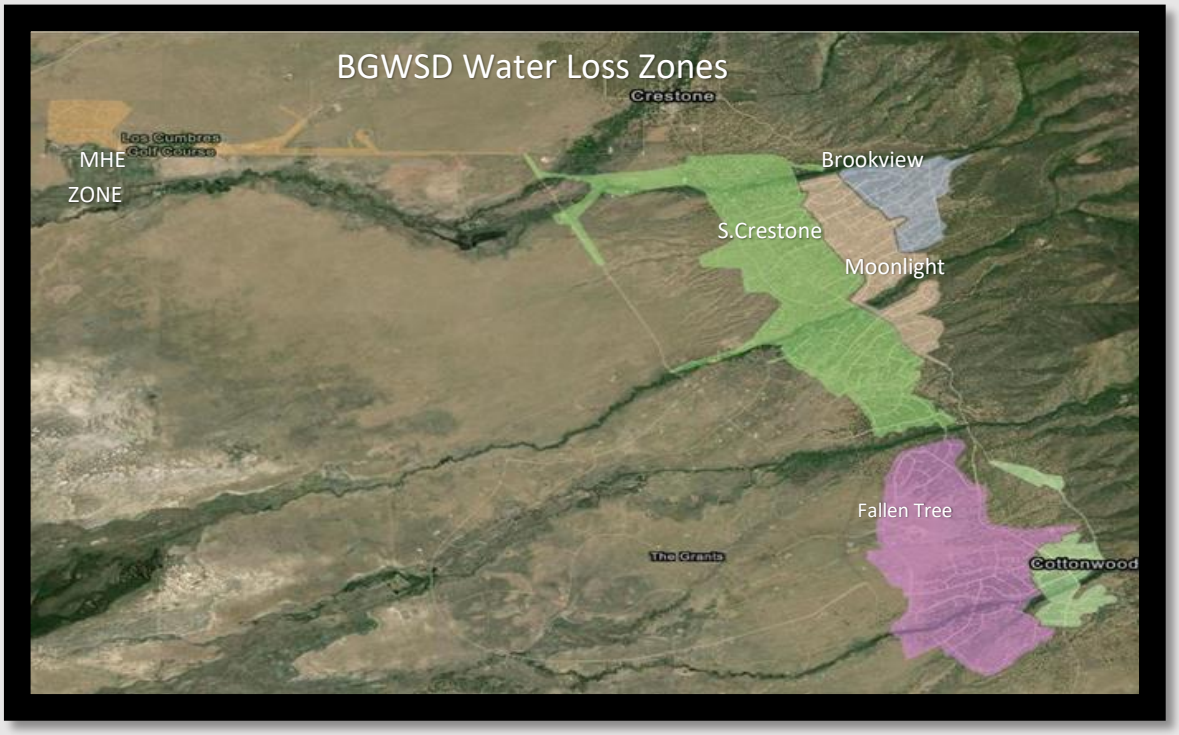
- **Projects**

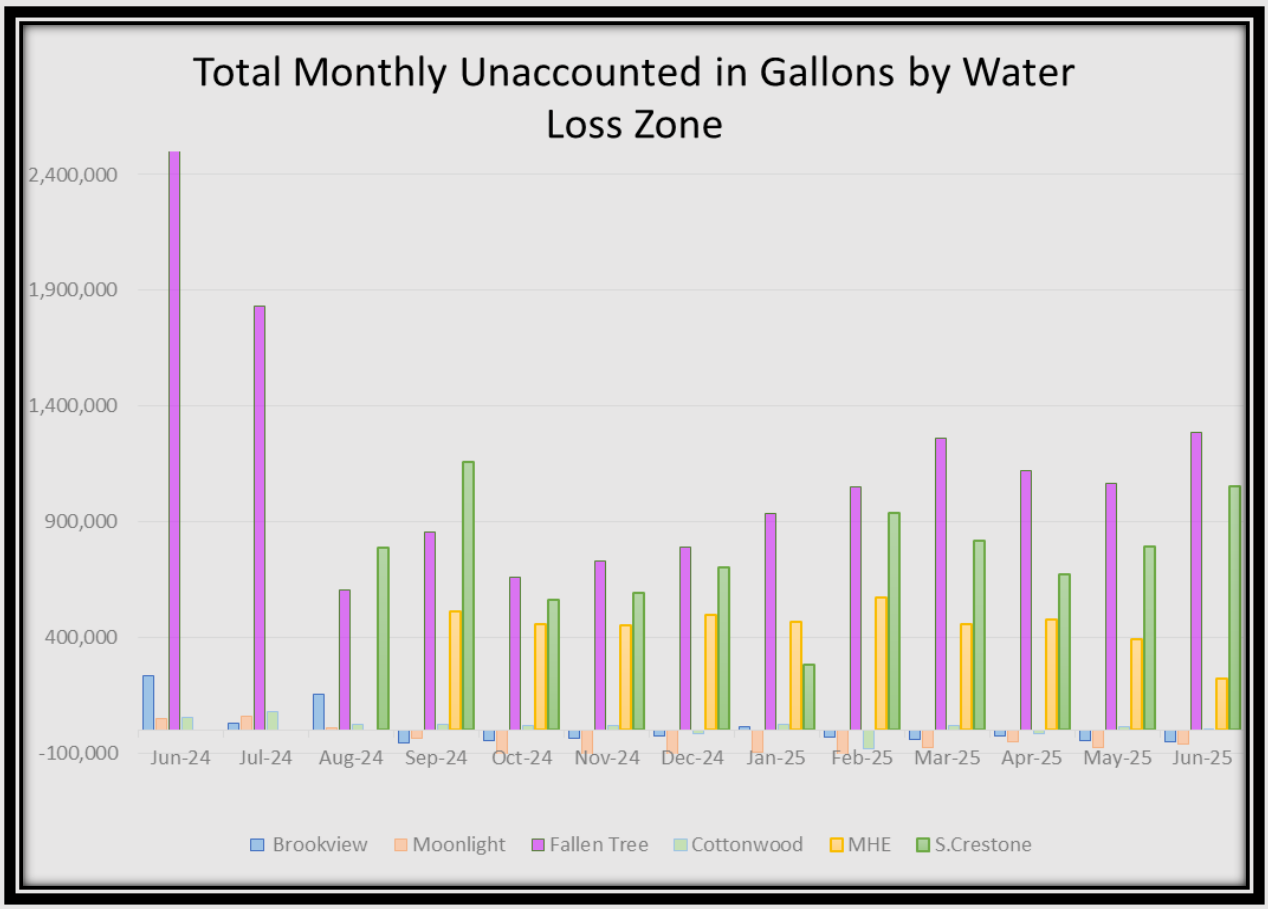
  Summer Project List
  - Fire Hydrant Maintenance (Almost completed for the season)
  - Valve Maintenance (In Process)
  - Collection system cleaning (In Process)
  - Collection system inspections (In Process)
  - Grounds Maintenance and weed control (In Process)
  - Dig list (A variety of excavation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

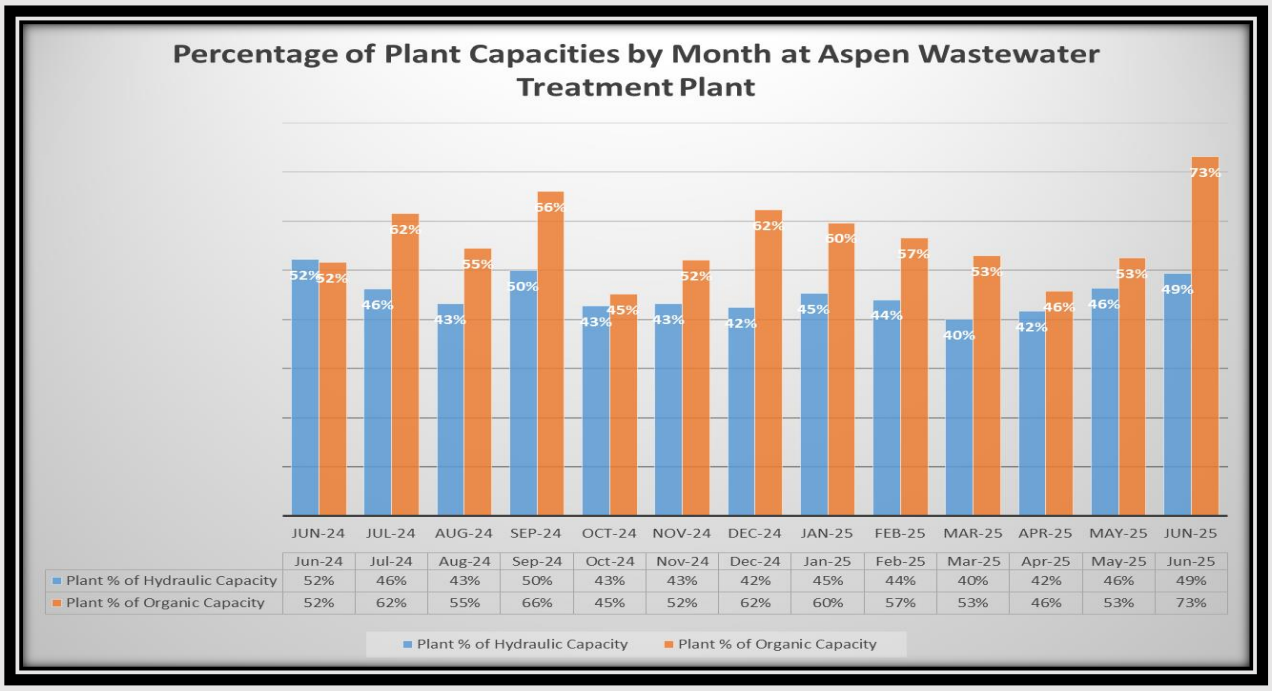
- **Unaccounted Water**
  - Wells 17 and 18 produced 8,002,836 gallons of water in the month of June.
  - The District sold its customers 3,717,143 gallons of water in the month of June, leaving 3,725,902 gallons unaccounted for.
  - 45% of the water produced is unaccounted for in the month of June.

- **Aspen WWTP and Town of Crestone Loading**
  - Aspen WWTP averaged 46% of hydraulic loading capacity in the month of May, the Town of Crestone contributed an average of 14% of the treatment plants hydraulic load.
  - Aspen WWTP averaged 53% of organic loading capacity in the month of May. The Town of Crestone contributed an average of 21% of the treatment plants organic load.

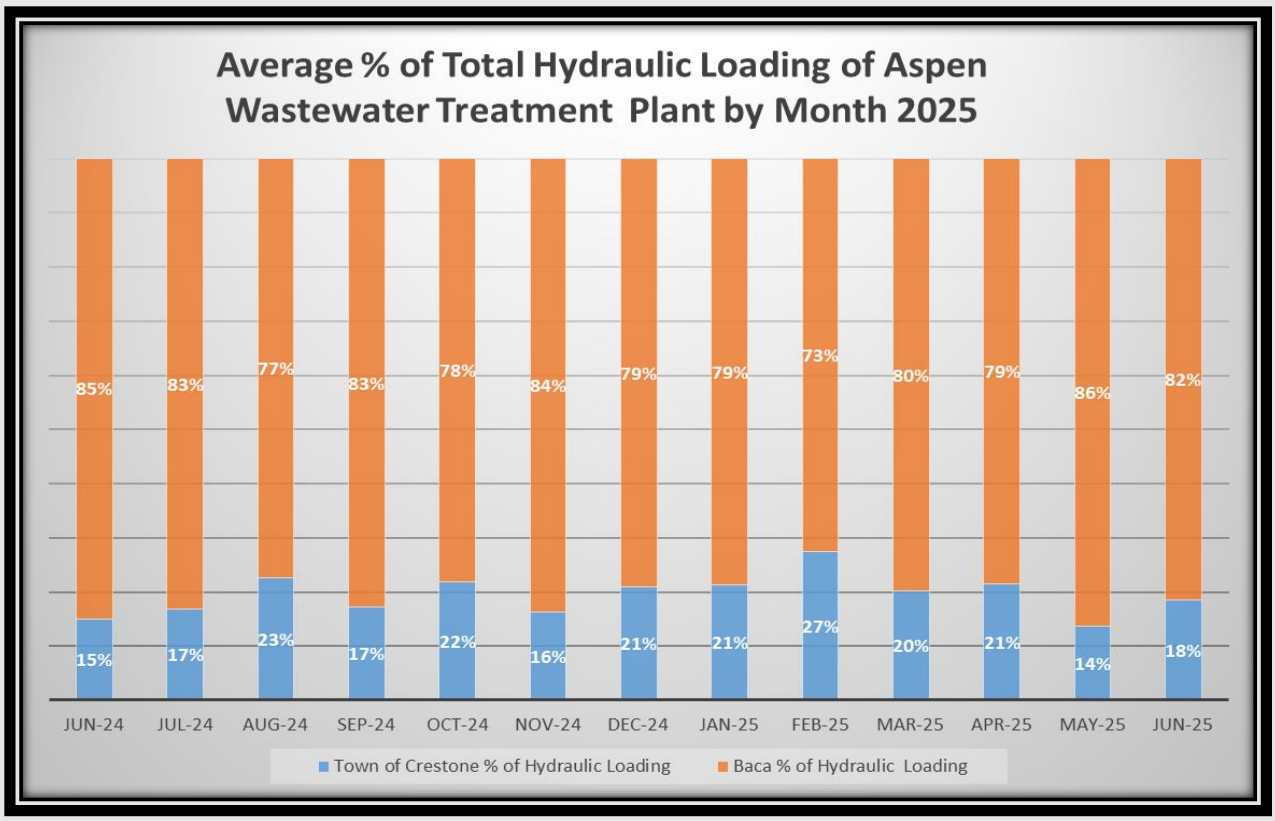

Total Unaccounted Water by Month
Well 17/18 Gallons Produced
Gallons Unaccounted by Month
7,393,038
7,462,412
7,949,754
8,092,053
5,220,980
3,761,070
3,730,244
4,639,369
4,375,309
4,676,939
4,676,939
5,428,971
8,333,216
2,906,038
2,298,411
2,624,170
2,507,053
1,805,980
1,878,070
1,916,244
1,886,067
2,344,309
2,693,939
2,495,939
2,220,971
4,616,073
JUN-24
JUL-24
AUG-24
SEP-24
OCT-24
NOV-24
DEC-24
JAN-25
FEB-25
MAR-25
APR-25
MAY-25
JUN-25

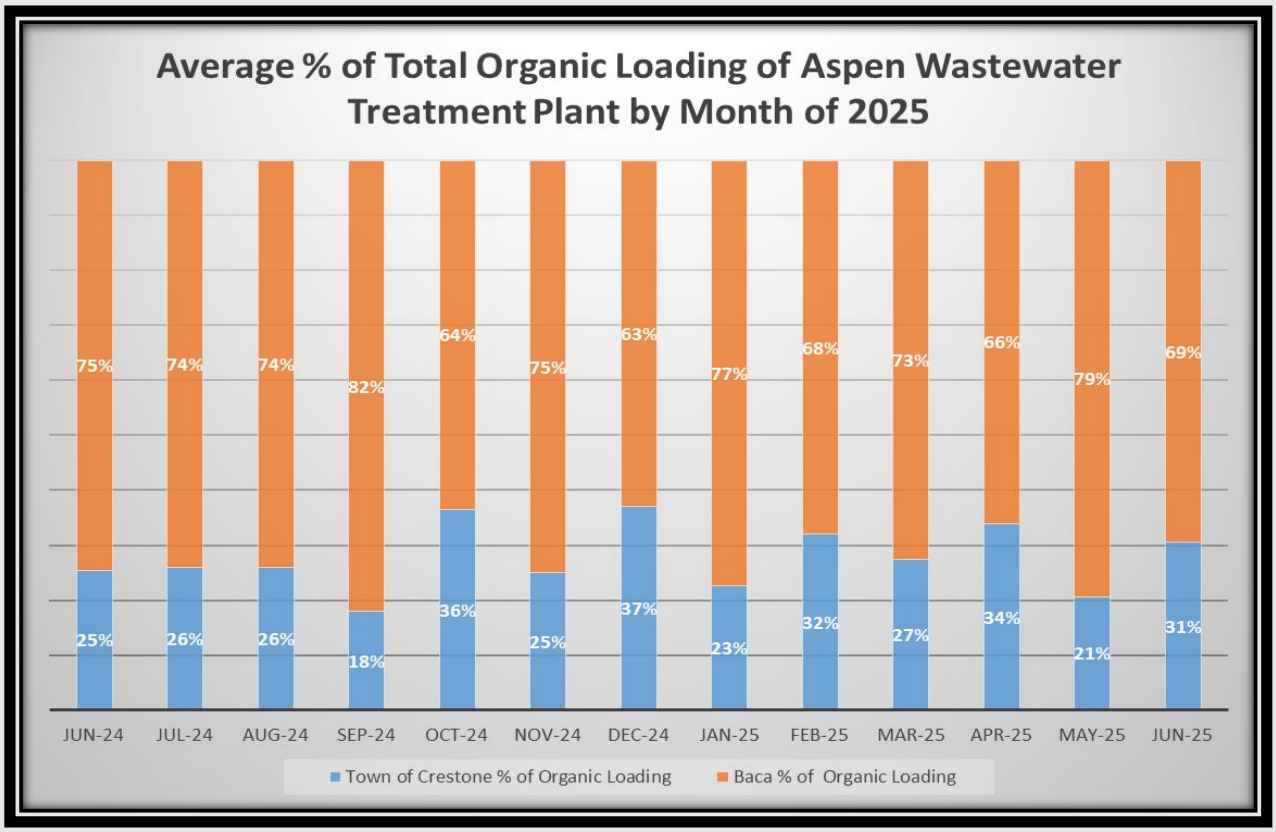

BGWSD Water Loss Zones
Crestone
Los Cumbres Golf Course
MHE ZONE
Brookview
S.Crestone
Moonlight
Fallen Tree
The Granis
Cottonwood





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


Average % of Total Hydraulic Loading of Aspen Wastewater Treatment Plant by Month 2025
85%
83%
77%
83%
78%
84%
79%
79%
73%
80%
79%
86%
82%
15%
17%
23%
17%
22%
16%
21%
21%
27%
20%
21%
14%
18%
JUN-24
JUL-24
AUG-24
SEP-24
OCT-24
NOV-24
DEC-24
JAN-25
FEB-25
MAR-25
APR-25
MAY-25
JUN-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
75%
74%
74%
82%
64%
75%
63%
77%
68%
73%
66%
79%
69%
25%
26%
26%
18%
36%
25%
37%
23%
32%
27%
34%
21%
31%
JUN-24
JUL-24
AUG-24
SEP-24
OCT-24
NOV-24
DEC-24
JAN-25
FEB-25
MAR-25
APR-25
MAY-25
JUN-25
Town of Crestone % of Organic Loading
Baca % of Organic Loading