



Monthly Report for January 2024

Water Systems

Water Usage through Metron Water Meters per Month:

- **January 2023 – 10,065,999 gallons**
- **January 2024 – 13,685,407 gallons**

Water Line Repairs for the Month:

- Data was not submitted in time for completion of report.

Arsenic Facilities Updates/Repairs

Sunland Park Arsenic

- Chemical injectors removed and cleaned.
- Removed both pH injectors and cleaned to improve accuracy.
 - Both pH probes were removed, and a two-point calibration was completed for accuracy. (these probes will be calibrated monthly or as needed if staff see sudden changes in pH)
- I and C Solutions came in and programmed new Ferric Chloride pumps to work with system.
- Sampled on 1/11/24 and results were 17 ppb with no treatment.

Industrial Arsenic

- Chemical injectors removed and cleaned.
- Removed both pH injector to cleaned and replaced finish water probe due to failure.
 - Both pH probes were removed, and a two-point calibration was completed for accuracy. (these probes will be calibrated monthly or as needed if staff see sudden changes in pH)
- I and C Solutions came in and programmed new Ferric Chloride pumps to work with system.
- Sampled on 1/11/24 and results were 17 ppb with treatment of system beginning on the afternoon of 1/10/24. (Normal arsenic without treatment in this water is approximately 38 ppb.)

Santa Teresa Community

- Chemical injectors removed and cleaned.
- Removed the 4-pH injector to cleaned.
 - A two-point calibration was completed for accuracy on all 4 pH probes. (these probes will be calibrated monthly or as needed if staff see sudden changes in pH)
- I and C came in and programmed new Ferric Chloride pumps to work with system.
- Sampled on 1/11/24 and results were 5.3 ppb with treatment of system beginning on the afternoon of 1/10/24. (Normal arsenic without treatment in this water is approximately 13 ppb.)

I and C Solutions will be coming in on February 22, to complete some additional work on system to make it more effective in daily operations.

Bridel is working **CDMSmith** to get quotes needed to replace the filter media at both the Industrial and Sunland Park ATF filtration vessels to improve treatment of Arsenic.

Arsenic Removal Facilities (*January 22, 2001, EPA adopted a new standard for arsenic in drinking water of 10 ppb*)

Sunland Park:

Arsenic results for month:

- January 24, 2024 – 9.6 ppb

Industrial:

Arsenic results for month:

- January 24, 2024 – 8.4 ppb

Santa Teresa Community System:

Arsenic results for month:

- January 24, 2024 – 3.5 ppb

Santa Teresa Border Entry:

Arsenic results for month:

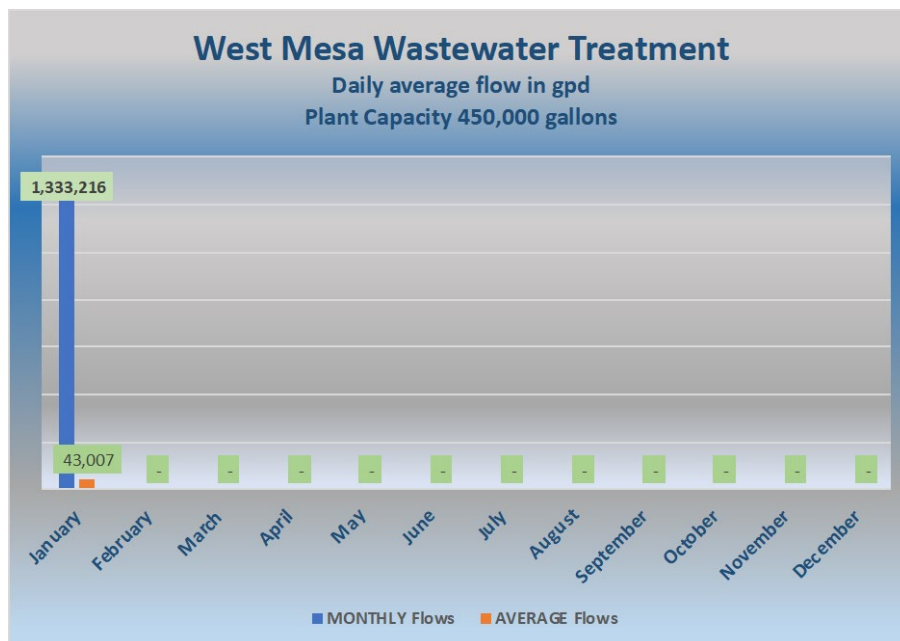
- January 24, 2024 – 3.0 ppb

Santa Teresa\Sunland Park
Commercial\Industrial Water Meter

- No Meters Changed this month.

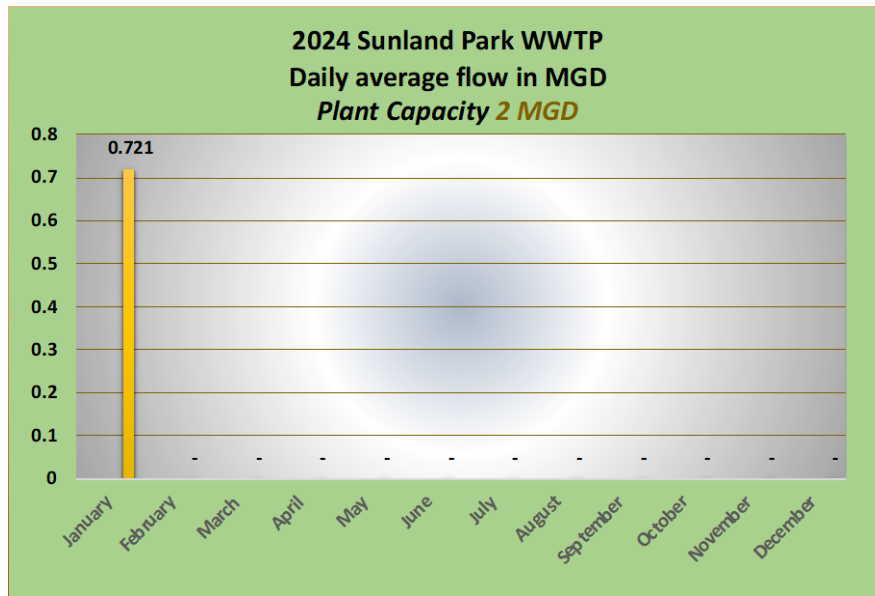
West Mesa WWTP

Total gallons treated for the month of January was 1,333,216 gallons and the average daily flow for the month was 43,007 gallons.



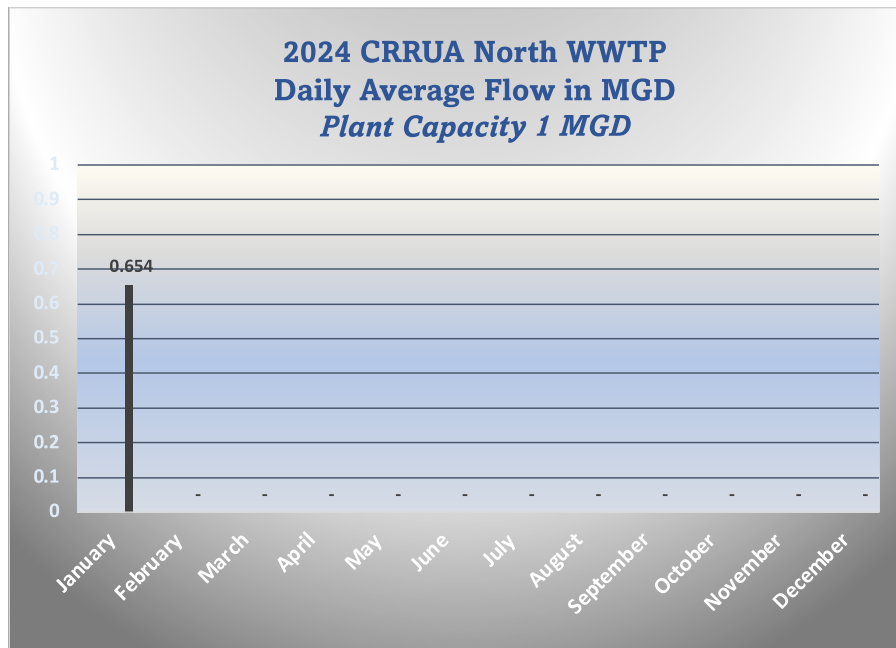
Sunland Park WWTP

Total gallons treated for the month of January was 22,356,109 and the average flow for the month was 721,164 gallons per day.



North WWTP

Total gallons treated during the month of January was 20,287,000 gallons and the average flow for the month was 654,419 gallons per day.



Wastewater Line Repairs for the Month:

- No Line Repairs

Industrial Pretreatment Program

- Continue to work on Union Pacific Issues
 - CRRUA submitted last bit of documentations requested by Union Pacific on January 31st via CRRUA Attorney.

Leak Detection

CRRUA did not request any Leak Detection inquiries.

The American **Water Works Association (AWWA) estimates that the average indoor **water use per person** is 94 gallons of **water per day**; this does not consider outdoor **water use** (watering lawns, washing cars).*