



**Information Provided By**

O&M Manager: Luis Melchor  
 Chief Plant Operator: Open  
 C&D/Maintenance Supervisor: Andrew Klein  
 Executive Assistant/Board Secretary: Rachel Pearlman  
 Utility Billing Specialist: Meghan Atkins

**Operations and Maintenance Report  
 September 2025**

**Operations Department**

**Wastewater Treatment Division**

Influent Totals	
Total	3.09
Average	0.10
High	0.17
Low	0.08

Effluent Totals	
Total	3.05
Average	0.11
High	0.20
Low	0.07

Reclamation Totals	
PML	
Spray Fields	
PML Season Total	
Spray Field Season Total	

Wasting Totals	
Total Inches	447
Total Pounds	6124
Active Accounts	1578

STP Rainfall Totals by Year During Current Month (Inches)					
Season	2025	2024	2023	2022	2021
	0.09	0.00	0.30	1.87	0.02
	High 0.06	High 0.00	High 0.25	High 1.31	High 0.02

**Charted Historical Monthly Influent Totals**

## Wastewater Treatment Division

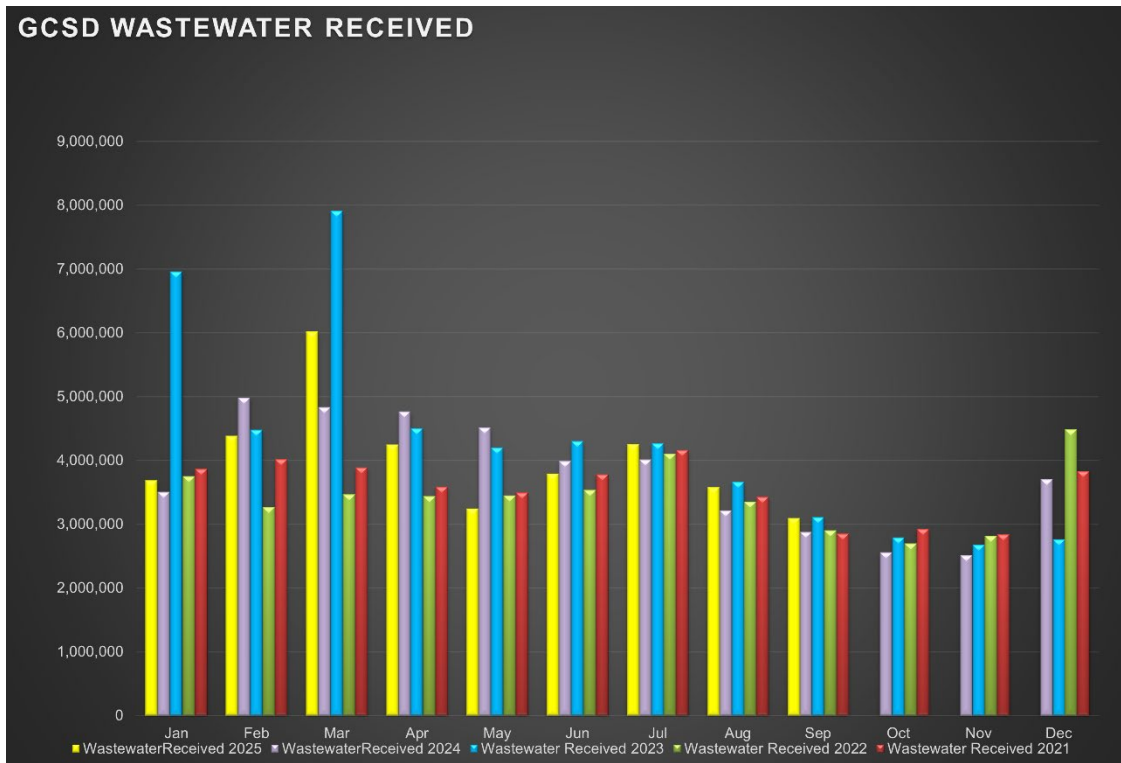
### Routine Tasks

- Took weekly Bac-Ts and BOD of the Chlorine Contact Chamber (CCC) and sent into Alpha Lab for testing.
- Completed monthly Wastewater Report and sent to the State Water Resources Control Board
- Completed daily rounds and Lab.

## Water Treatment Division

### Routine Tasks

- Submitted monthly Water Treatment Report to State Water Resources Control Board
- Submitted monthly Conservation Report to State Water Boards
- Performed weekly checks and calibrations on all analyzers at 2G, BC, and AWS
- Performed monthly UV calibrations at 2G and BC.



- Took weekly Treatment Plant samples and sent them into Alpha Lab
- Monitored/sampled Distribution Tanks as needed.

**Maintenance Department**

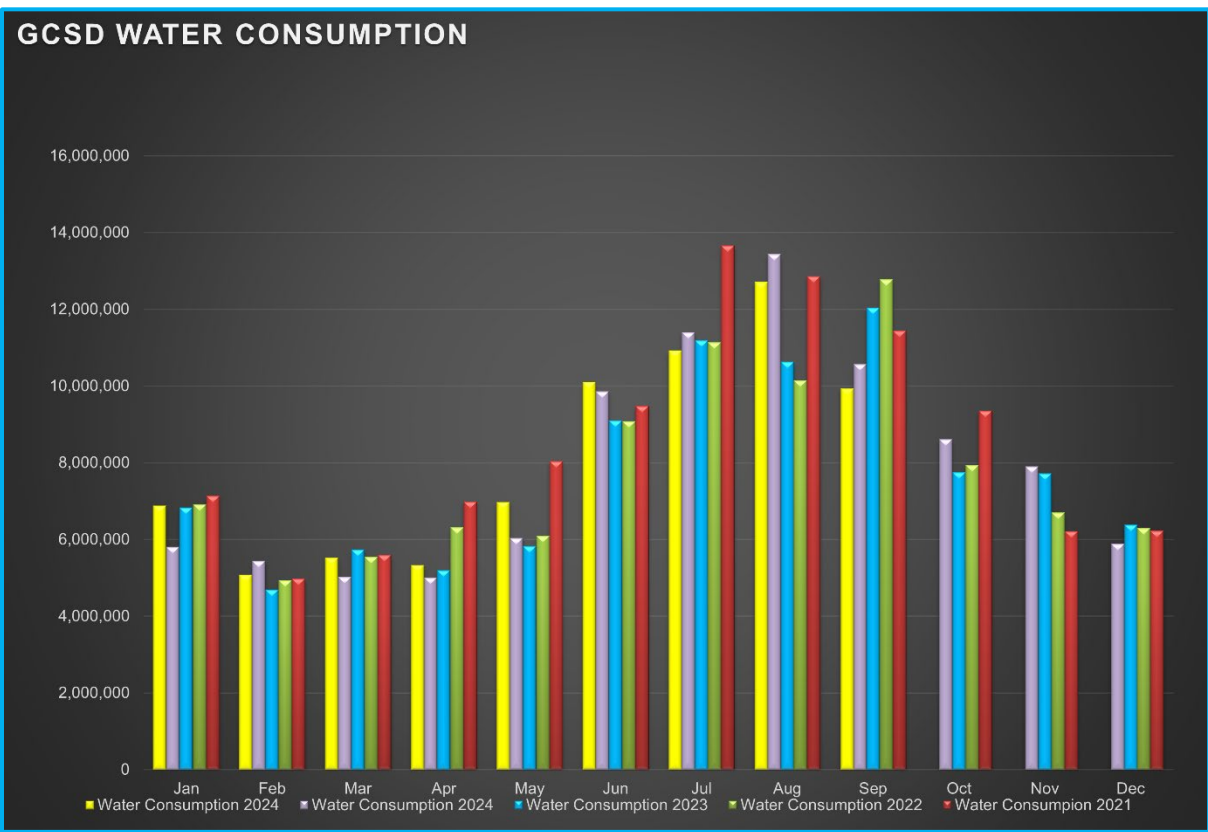
**Water Distribution System Division**

<b>Meter Related Services</b>	<b>Total</b>
Check / Repair Meters	7
Water Meters Installed	0
Meter Lock offs	5
Meter Changeouts	2
Tenant Final Reads	3
Re-Reads	14
Unusual Consumption	19
Meter Turn-Offs	1
Meter Turn-Ons	0
Meter Tests	0
Winterize Meter	0
Zero Read Meter Tests	0
Color/Taste/Odor/PSI Complaints	4
<b>Total Meter Related Issues</b>	<b>55</b>

<b>Active Accounts</b>	3282
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**Charted Historical Monthly Water Consumption**

<b>(Gallons)</b>			
Residential	9,046,673	9,975,088	11,154,223
Commercial	880,273	591,499	880,958
<b>Total</b>	<b>9,926,946</b>	<b>10,566,587</b>	<b>12,035,181</b>



### Maintenance and Repair Data

Description	Total
Water Main Leaks / Repairs	3
Water Service Line Leaks / Repairs	2
Fire Hydrant Repairs / Replacements	0
Number of Hydrants Flushed	20
Number of Dead-Ends Flushed	1
Water Valves Exercised	10
GIS Points	0

Description	Gallons
Flushing for Water Quality	30,250
Water Loss Due to Leaks / Breaks	154,212

After-Hours Calls (Hours)				
Water	Sewer	Park	Other	Total
8	12	1	0	21

### Maintenance and Repair

- **Routine Tasks**
  - Read all District Water Meters
  - Customer Service Calls (Low / High Pressures, No Water, Turn-Ons / Turn-Offs, Etc.)
  - Underground Service Alert (USA) Utility Marking Program
  - Weekly Pump Station Inspections at Tank 2, Tank 4, Tank 5 (Buildings, Tanks, Motors, Pumps, Drives, Communications, Generators, and Auxiliary Equipment)

- Lock offs for non-payment.
- Unusual Usage Meter Reads.
- Dead end flushing.
  
- **Tanks and Pump Stations**
  - Rodent control at Tank 4.
  - Rodent control at Tank 2.
  
- **Distribution System**
  - ARV upgrade at Point View Dr.
  - Water mainline repair at 18634 Main St.
  - Water service mainline repair at 18537 N. Dome Ct.
  - Water service line repair at 11560 Vicki Ln.
  - Water mainline repair at 17870 State Hwy 120.
  - R&R meter washers at 20115 Pleasantview Dr.
  - R&R meter washers at 20591 Nob Hill Cir.
  - R&R meter washers at 21066 Hemlock St.
  - Repaired temporary asphalt patch on Ferretti Rd below Marval parking lot..
  - Replace meter at U4/L76 on Bigfoot Ct.
  - Hydrant accessibility maintenance in Units 3 and 4.

**Pictures**

**Water mainline leak 18634 Main St.**



Description	Total
Manholes Inspected	92
GIS Points	0
Customer Complaint	6
Odor Complaints	6

Description	Total
Flushing/Jetting (Feet)	0
Video Inspection (Feet)	345

Description	Total
Sanitary Sewer Spills (SSO)	0
SSO Gallons Spilled	0

## Maintenance and Repair

- **Routine Tasks**
  - Weekly lift station site inspections (PMCS)
  - Added degreaser and odor control to lift stations.
  
- **Lift Stations**
  - Manhole Inspections: LS9, LS10.
  - Lift Station cleaning: LS1, LS2, LS3, LS4.
  - Maintain odor control chemical dosing pumps at LS6, LS8, LS11, LS13.
  - Assist Moyle and Rain4Rent with lift station rehab projects.
  - Inspected LS16 check valves.
  - R&R faulty check valves at LS3.
  
- **Collection System**
  - Flushed/Jetted gravity sewer line areas.
  - Tenaya to STP, Bass Pond, monthly manhole inspections.
  - Remove roots and debris found during manhole inspections.
  - CCTV sewer lateral at 19650 State Hwy 120.
  - Install mini manhole at JS West parking lot.
  - Install new manhole frame and cover at Mueller Dr/Oak Grove Cir.
  
- **Sewer Treatment Plant**
  - Rodent control.

## Pictures

## General Maintenance Division

## Maintenance By Department

- **Operations Department**

- 2G Water Treatment Plant
- Big Creek Water Treatment Plant
  - Inspected water feed line repair on chlorine generator.
  - Repaired chlorine injection line leak.
  - Remove booster pump and motor for rebuild.
- Butler Bypass Pump Station
- Highlands Pump Station
  - Greased booster pump motors.
- Tank 4
  - Diagnose pump 2 VFD issue. Needs replacement VFD.
  - Spray foamed woodpecker holes on building.
- AWS
  - Assist S. Rogers with new cabinet for pond flow meter.
- STP
  - Repaired chlorine leak on storage tank.
  - Work on clarifier skimmer. Needs rebuild.
  - Clear vegetation on Reservoir 2 dam face.
  
- **Maintenance Department**
  - Equipment
    - Shop maintenance and cleaning.
    - Monthly inspect and run at operating temperatures.
    - Cleaned and rodent proofed paint shed.
  
  - Rain for Rent, Sullair, Vactron, Cement mixer, Light Tower, STP generator, Dunn Ct Generator, AWS Generator, Standby Generator, Highlands Generator.
  
  - Vehicles
    - 31630: R&R transaxle seal and front wheel bearings.
    - 42128: R&R tires.
    - 51618: R&R tires.
    - 52331: Truck Crane Inspection by Pacific Cranes.
    - 59613: Truck Crane Inspection by Pacific Cranes. Remove front driver's side support ram for repair.
    - 62026: R&R Tires. Truck Crane Inspection by Pacific Cranes.
    - 60523: R&R faulty parking brake valve.
    - 62333: Bring to dealer for recall issues.
    - 70986: R&R Tires. Inspect damage from CalFire use at Garnet Fire.
    - 79783: Inspected steering box and greased fittings. Installed new primer pump and tested.
    - 70981: 90-Day Inspection. R&R faulty dash switches.
    - CERT Vehicle: Repaired heat/AC vents that were stuck on defrost mode.

- **Buildings & Yard**
  - General yard cleanliness.
  - Vegetation management.

## Pictures

## Parks Division

### Maintenance and Repair

- **Mary Laveroni Community Park**
  - Landscape Maintenance.
  - Ready lower park for Movies in the Park.
  - Install battery backup at new park bathrooms. (We found out the hard way that the toilets do not flush during a power outage.)
  - Paint irrigation box and drinking fountain.
  - Prepare for 49er festival.
- **Ballfield & Dog Park**
  - Landscape Maintenance.

## Workplace Safety and Training

- **Routine Safety Meetings**
  - Daily Tailgate Meetings
  - Weekly Safety Meetings
  - Weekly Security Checks
- Weekly Vehicle Inspection

## Projects/CIP Improvements

- **Sewer Collection System Improvements Project**
  - Funded by the Clean Water State Revolving Fund (CWSRF) with 25% match

- Contractor Moyle Excavation Inc.
- Resuming construction on September 8, 2025
  - Resuming construction was moved to September 15, 2025, due to equipment delays.
  - We will be recoating the failing concrete wet wells at multiple lift stations with an epoxy coating.
- Met with Rain-4-Rent and Moyle on July 30, 2025
  - Conducted site visits and went over Lift Station bypass pumping
- **Alternative Water Supply (AWS) Water Treatment Plant Relocation**
  - Funded by the Urban Multibenefit Drought Relief Grant from the State of CA
  - Conducted preconstruction meeting on July 22, 2025, at 2pm
  - Met with PG&E on July 29, 2025, to discuss load change application.
  - Bid opening on August 19, 2025, 2pm
  - Issued notice of award on August 20, 2025, to Njirich & Son's
  - Issued notice to proceed on August 21, 2025
- **Alternative Water Supply (AWS) Pipeline Improvements**
  - Funded by the Urban Multibenefit Drought Relief Grant from the State of CA
  - Contractor R Sutton Enterprise
  - Notice to Proceed issued July 24, 2025
  - Work started on August 11, 2025
- Project Details
  - Construction of approximately 3400 feet of new 12-inch raw water pipeline beginning near 12756 Muller Dr, across from the tennis courts and ending near the Districts baseball field.
- Pictures





- **Storage Tank and Pipeline Improvements Project**
  - Funded by the Urban Multibenefit Drought Relief Grant from the State of CA
  - Contractor Njirich and Sons, Inc.
- **Project Details**
  - Installation of a new 140,000-gallon storage tank
  - Installation of approximately 5500 feet of new 8" potable water main beginning near 18403 Harper Rd and ending at the intersection of Harper and Black Rd in Big Oak Flat.
- **Pictures**





- **Full Production Groundwater Well Improvements Project**
  - Funded by the Urban Multibenefit Drought Relief Grant from the State of CA
  - Rebid Bid Opening on August 14, 2025, at 2pm
  - Issued notice of award on August 20, 2025, to Njirich & Son's
  - Issued notice to proceed on August 21, 2025
- **Water Distribution System Improvements Project**
  - Funded By Community Development Block Grant (CDBG)
  - Notice to proceed issued on July 21, 2025
  - Contractor Sierra Mountain Construction, Inc. (SMCI)

- Project Details
  - Installation of approximately 8000 feet of new 8" potable water main beginning at the intersection of Deer Flat Rd and Hwy 120 in Groveland and ending at the intersection of Scofield Street and HWY 120 in Big Oak Flat. The second portion is approximately 1200 feet of new 8" potable water main beginning at the intersection of Black Rd and Harper Rd and ending at 17620 Yates Street in Big Oak Flat (BOF).
- SMCI is currently potholing to locate the existing 4" water main between Yates Street and Black Road. Installation of the new 8" water main could start as early as next week if all required parts and fittings are delivered.
- **This project will support several Capital Improvement Projects identified in our previous rate increase including the Fire Hydrant Replacement Program, Valve and Air Release Valve (ARV) Replacement Program, Downtown Groveland/Big Oak Flat Water Distribution System Improvements Project, Asbestos Concrete Pipe (AC) Replacement Program and Pressure Reducing Valve (PRV) Replacement Program.**
- Pictures



