

# Agenda Item

DATE: December 13, 2023  
TO: Michael Minkler, General Manager  
FROM: Damon Wyckoff, Director of Operations  
RE: Report on the November 2023 Operations Department

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## **RECOMMENDED ACTION:**

Report on the Operations Departments Report for Districts 1 through 5.

## **SUMMARY:**

Attached is the monthly Operations Department Report for November 2023. The report will review the operational status and work completed by departmental administration and each of the five Districts. The report will cover the following:

- Administration
- Water treatment plants
- Wastewater treatment plants
- Distribution
- Collections
- Construction
- Electrical
- Mechanical

Staff will be present to report to the Board of Directors and will be available for questions.

## **FINANCIAL CONSIDERATIONS:**

None.

*Attachment: November 2023 Operations Department Reports for Districts 1 through 5*

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# Operations Departments Report

November 1<sup>st</sup> through November 30<sup>th</sup>, 2023

## **Director of Operations:**

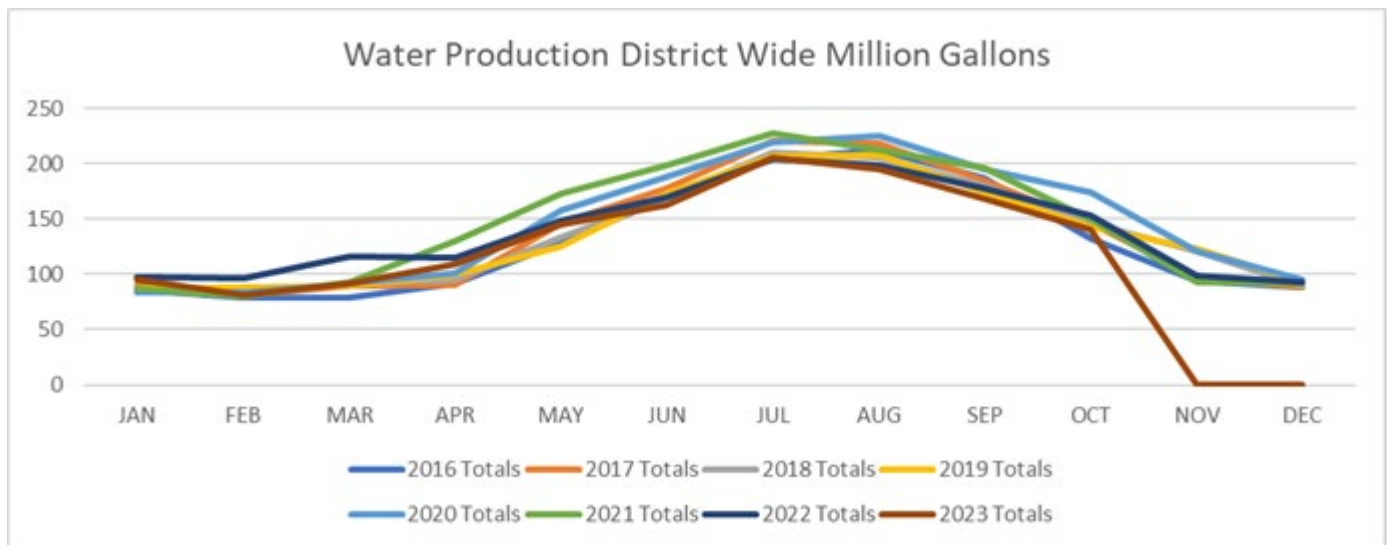
1. On-going coordination and management of multiple District Operations projects and work efforts.
2. Provided a Tour to Customers in our Jenny Lind Water System. Shadowed our Jenny Lind Distribution Crew as they repaired a leaking service lateral.
3. Onsite Discussion with the owner of the Cedar Ridge Subdivision related to storm prep and snowplow work efforts.
4. Site visits to multiple in-construction District projects.
5. Continued to work with District Staff and the consultant to ensure the effective resolution of punch list items for the AMI Project.
6. Participated in the North Central CWEA Training Group Meeting to plan Collections Systems training opportunities for 2024.
7. Participated in multiple onsite project progress meetings.
8. On-going FEMA coordination related to DR-4683 and DR-4699.
9. Attended the ACWA Fall Conference. Among other efforts, participated in significant discussions related to the California Air Resources Boards (CARBs) Clean Fleets Regulation.
10. On-going CARB related work with MCWRA and ACWA.
11. Continued participation in meetings with Calaveras County Public Works focused on road conditions and project coordination in the Rancho Calaveras Service Area.

## **Administrative Technician:**

1. Maintained Field Calendar
2. Received/Tracked All USA North Line 811 Locates – Handled Associated Calls – 649 Received District Wide
3. Facilitated with Employee Reimbursements
4. Facilitated with Employee Certification – Applications, Exams, Renewals, Trainings, Resources
5. Field Training Course Ordering/Registrations/Travel Arrangements
6. Process Operations Purchase Order Batches
7. On Call Reminders, Transfers, Logs
8. Electronic Lab Report Filing
9. Organizing and Archiving Operations Department Documents
10. Safety Tailgate Meetings: Create, Track, & Archive
11. Attended Various Meetings & Webinars
12. Permit Renewals
13. Continued CERS Program Work Efforts
14. 2023 Backflow Program Work Efforts
15. Cross Connection Survey Work Efforts
16. Create 2024 On Call Schedule
17. Miscellaneous Administrative Functions

**Plant Operations Manager:**

1. Completed the review and acceptance of the monthly State Water Reports for all the Districts Water Systems and submitted them to the State.
2. Completed the monthly Wastewater Reports for all the Districts Wastewater Systems and submitted them to the State.
3. Working very closely with the new operator in West Point to ensure that all system needs are met.
4. On-going work associated with PO's and ordering supplies for different District facilities and projects.
5. Continued work efforts on annual backflow testing
6. Ongoing work efforts associated with the Ebbetts Pass HAA5 violation for purposes of public notification and data collection.
7. Did backflow testing in our West Point service area with our contractor for delinquent accounts.
8. Working with our lab on UCMR5 sampling.
9. Attended the New Hogan Operator Training.
10. Did 42 site visits with the County for hazardous materials and for the California Environmental Reporting System.
11. Attended the Northern California Power Agency Emergency Action Plan meeting.
12. Attended the quarterly supervisor meeting.
13. Did SAFER Clearinghouse reporting.
14. Ongoing work efforts related to the District's Cross Connection Control Surveys with Ms. Burke.
15. Attended a workshop pertaining to CCWD issues.
16. Started working on the District's 23/24 fiscal year Water Loss Audits.
17. Working with Peterson Brustad Inc. on West Point water plant filter addition.
18. Working on the Operations plan for revision for West Point Water Treatment Plant.
19. On-going work efforts with the Districts CERS (California Environmental Reporting System) annual reporting.
20. Working with the Sheriff's department on getting our new radio tower site up and going.
21. Below is the water production for the month of October 2023.



## **Construction and Maintenance Manager:**

1. Staff meetings.
2. Board meetings.
3. AMI weekly project update meetings.
4. Copper Lift Station and force main relocation project weekly meetings.
5. West Point/Wilseyville Consolidation on-site project meeting.
6. Attended monthly CWEA Northern/Central CA meeting.
7. Attended and assisted with the coordination of Mobile MMS training.
8. Assisted in preparing Cla-Val training for Staff.
9. Coordinated Staff to assist with emergency 2" leak repair behind West Point Water Treatment Plant.
10. Responded with Collection and Construction Crews to a manhole spilling sewer in Arnold, relayed information to Director of Ops for spill report.
11. Site meeting with staff and owner of Cedar Ridge to discuss winter plowing and operations.
12. Site meeting with Construction and Collections Supervisors to discuss West Point septic tank installation and options.
13. Site visit to West Point/Wilseyville Consolidation project with CCWD staff and members of SWRCB/DFA.
14. Attended quarterly Supervisors meeting.
15. Site meeting at LS 6 & 8 in Poker Flat to discuss work efforts pertaining to temporary bypass pumping and dewatering during project.
16. Assisted in conducting a tour for customers from the Jenny Lind area of the A-B Transmission main project and filed crew leak repair efforts.
17. Met with rep from PG&E and CCWD staff to discuss end of year items and undergrounding project information.
18. Attended lunch and learn about pressure sewer benefits presentation presented by E/One and Shape Inc.
19. Site visit to residence on Lucas Lane in Valley Springs to check on water quality complaint.
20. Site meeting at LS 17 in Copper with CCWD staff, homeowner, and representative from Tri-Dam about installation of a retaining wall along the bench.
21. Field visit to Country Lane in West Point to look at exposed 2" line, found that it has been abandoned and replaced already.
22. Worked to commission meter and nodes to help with the completion of the AMI project and punch list items.
23. West Point work coordination with Construction Supervisor.
24. Put together flushing numbers for each area for end of year water loss reporting.
25. Submit all right of way notification for leak repair efforts to County Public Works.
26. Field visit to 4807 Lakeshore in Copper to look at meter misread concern form homeowner.
27. Filed visit to Meadowmont shopping center in Arnold to look at 4" prv in hotbox.
28. Assisted in coordination of trucks and items as well as setting up for Celebration of Life for lost CCWD staff member.
29. Attended celebration of Life for lost CCWD staff member.
30. Multiple field/site visits.
31. Review and approve timecards.
32. Multiple phone calls to customers to discuss issues/concerns.

## **Purchasing Agent:**

1. Worked on inventory of new warehouse.
2. Completed invoicing for purchased material.
3. Met with various reps and received quotes for various items for purchase.
4. Ordered parts, tools, materials, and equipment for all Departments.
5. Coordinated servicing of District Vehicles for Field Staff.
6. Reconciled Credit Cards for Field Staff.
7. Worked with our Facilities Maintenance worker on work order completion.
8. Set up new shops for enterprise fleet for truck shops.
9. Purchased pumps for Lift Station 21, Lift Station 5, La Contenta WWTP, and Forest Meadows WWTP.
10. Ordered valves and hydrants for the District.
11. Delivered supplies, materials, and parts.

12. Coordinated work for the cleanup of the Huckleberry Lift Station site.
13. Worked on recall orders for our leased vehicles.

## **Water Treatment Plants:**

### **Copper Cove Water Treatment Plant:**

1. Operations as usual
2. B Tank/Clearwell rehabilitation and replacement project has begun.
3. Divers cleaned Copperopolis and C Tanks without any issues.
4. Walk through preconstruction for Clearwell and B-Tanks project.

### **Hunter's (Ebbett's Pass) Water Treatment Plant:**

1. Ran pilot using ACH chemical feed system at plant.
2. All ACH pilot information is logged on data sheet.
3. Conducted special sampling during ACH trails.
4. ERS is scheduled to conduct repairs on filter #1 clarifier media leak.
5. Quarterly DBP samples collected.
6. Operations as normal.
7. Re-filled White Pines lake after tule removal effort by the Construction Crew
8. Monthly White Pines Dam inspection completed.

### **Jenny Lind Water Treatment Plant:**

1. Operations as usual

### **Sheep Ranch Water Treatment Plant:**

1. Operations as usual
2. Clearwell Inspection and cleaning completed.

### **Wallace Lake Estates Well System:**

1. Operations as usual

### **West Point Water Treatment Plant:**

1. Operations as Usual
2. On-going construction for the installation of the second filter – piping installation continues.

## **Wastewater Treatment Plants:**

### **Arnold Wastewater Treatment Plant:**

1. Operations as usual
2. Flow meters calibrated.
3. Spare Auma actuator for clarifier came in (Stored in Mike C. shop)
4. Still waiting on Keystone backwash actuator and Auma waste actuator.
5. Blowers serviced.
6. Debris screen installed around effluent wet well
7. Work order into Construction Crew for help with main line effluent leak (Updated Pat B.).

### **Copper Cove Wastewater Treatment Plant:**

1. Pond 6 is dropping with the RCP in operation. Now blending Pond 4 and Pond 6 to maintain operations. Pump in Pond 6 installed to continue emptying Pond 6 to lowest level possible.
2. Solids in Ponds 1, 2 and 4. Are causing operational issues, and this needs to be addressed as soon as possible. (I am aware that Pat B and Jesse have been in contact and working on a test for the solids removal with CCWD staff and equipment. This would be a huge cost savings.

### **Copper Cove Wastewater Reclamation Plant:**

1. The RCP continues to operate at a reduced flow. Maintaining influent flows to Wastewater plant.

### **Country House Wastewater Facility:**

1. Operations as usual

### **Forest Meadows Wastewater Treatment Plant:**

1. Operations as usual
2. EFF Flow meter failed again- readings erratic. Using DAF reset flow for daily totals.
3. Replaced belt on DAF #1 compressor.
4. EFF pump #1 taken to shop for rebuild. Found spare pump at Vallecito yard. Cameron took to shop as well.
5. Utility truck dead- won't start. Mechanics notified.
6. Construction Crew installed culvert and flushed drains behind UV MCC room- plans for further construction made.
7. Picked up spare parts for new UV system.
8. Rolls of wire stolen from UV MCC room- door will not shut because of bypass hoses- can't be locked.
9. Mechanics installing covers on UV channel.
10. Electricians are continuing to work on Wedeco system.
11. ARV installed on EFF line pre-UV channel.
12. Installed/ moved water line to wet room from UV MCC room.

### **Indian Rock Vineyards Wastewater Facility:**

1. Operations as usual

### **La Contenta Wastewater Treatment Plant:**

1. Operations as usual

### **Mountain Retreat / Sequoia Woods Wastewater Facility:**

1. Operations as usual

### **Six Mile Wastewater Collection System:**

1. Monthly reads taken and report submitted to the City of Angels Camp

### **Southworth Wastewater Treatment Plant:**

1. Operations as usual

### **Vallecito / Douglas Flat Wastewater Treatment Plant:**

1. Operations as usual
2. 6-inch ductile x 90 installed on new emergency bypass pipe.
3. Repaired contact basin recycle weir gate.
4. Cleaned chlorine contact basin.
5. Installed a new chlorine tank and pump for emergency contact basin.
6. Replaced UV bulb and ribbon on UVT monitor (ordered replacement bulb and 4 new ribbons).

### **West Point Wastewater Treatment Plant:**

1. Operations as usual

### **Wilseyville Wastewater Facility:**

1. Operations as usual

## **Distribution:**

### **Copperopolis Distribution System:**

#### **SERVICE LINE WORK**

1. Gate 1 of Poker Flat
2. 851 Foothill
3. 648 Foothill

4. 48 Copper Cove
5. 544 Sunrise
6. 777 Foothill

**MAIN LINE WORK**

None during this period

**Additional Work**

1. 3 Valves Turned
2. Service Requests
3. Flushed 24,660 gallons.
4. USA's
5. Prepped the B Tank site for T&S Construction to move in and begin their work on the Tanks – Potholed, located our Distribution System piping, and cleared the area to allow for equipment staging.

**Ebbett's Pass Distribution System:**

**SERVICE LINE WORK**

1. Forest Meadows Dr.- 1" poly repair with assistance from Tommy Sage
2. Red Bud Ct. - 1" poly repair
3. Apache Dr. B.T.V.- 1" Blue poly- Cut out and replaced 8' and 2 existing repairs.
4. Navajo Dr. B.T.V.- 1" poly- Cut out and replaced 6' of poly with assistance from Collections.
5. Sandalwood Dr. Forest Meadows- 1" poly split at Corp.
6. Avery Sheep Ranch Rd.- 1" poly split at Corp (Emergency repair on Sunday) with Tommy/ Dave B/ Chris R./ Kurtis W.
7. Fairway Dr. Meadowmont- 1" poly split at Corp.

**MAIN LINE WORK**

1. Wylderidge Dr.- repaired leaking 6" MJ fitting at hydrant guard valve
2. Silver Saddle Dr. Sunset Park- repaired 4" AC pipe cracked by tree roots.
3. Meadowmont Center- repaired leaking 2" galvanized to Blow-off

**Additional Work**

1. 470 USA Tickets
2. 19 Service Requests Completed
3. Flushed 12,000 Gallons – Big Trees 2 Zone.
4. Attended Cla-Val training at La Contenta
5. Completed compaction testing for patch paving in Arnold.
6. Deployed new pressure logging recorders for ongoing Reach 1 system analysis.
7. Repaired washed out sections of D.I. main on Sierra Pkwy Dr. from 2023 winter storms.
8. Built and installed multiple protective boxes for tank plumbing at new storage tanks, in process of building boxes for Sheep Ranch Tank
9. Have begun organizing and cleaning up in preparation winter snow removal efforts.

**Jenny Lind Distribution System:**

**SERVICE LINE WORK**

1. 6861 Jenny Lind Rd – Flare replacement
2. 2636 Holmquist
3. 2636 Hartvickson – Full line replacement
4. 4615 Heney Ct
5. 7256 Westhill
6. 7371 Westhill
7. 5292 Treosti
8. 8575 McAtee
9. 7192 Baldwin
10. 8091 Westhill
11. 7090 Westhill
12. 6579 Bergsma
13. 8951 McAtee
14. 3016 Heinemann
15. 8091 Baldwin
16. 6780 Baldwin
17. 7571 Westhill

18. 4836 Dixon Ct
19. 6717 Baldwin
20. 7002 Cane
21. 7790 Nall
22. 4859 Bane
23. 8713 Stinson View – Flare replacement
24. 8605 Rice Ct
25. 8269 Sparrowk
26. 8784 Hautly
27. 7410 Gabor

**ACTIVE LEAKS**

1. 3351 Barde
2. 2" valve 9056 McAtee
3. 2153 Partridge
4. 4763 Bane
5. 4810 Bane
6. 4289 Brooks
7. 5966 Garner
8. 3908 Bartelink
9. 8562 Pardini
10. 8637 Pardini
11. 8429 Pardini
12. 8475 Pardini
13. 8268 Crotty
14. 7530 Westhill
15. 5821 Baldwin
16. 4766 Dunn
17. 5906 Clements Place
18. 5950 Clements Place

**MAIN LINE WORK**

1. 2" at 6074 Baldwin
2. 2" at 5444 Baldwin
3. 6" at 6311 Baldwin

**ADDITIONAL WORK**

1. Vehicle Inspections
2. Month end reads for Lancha Plana, raw water, hydrant meters and fill stations.
3. Lower end flushing for water quality
4. Tank and pump station checks
5. Line locates.
6. Work orders for meter installations, pressure problems, water quality issues, leak checks etc.
7. Cla-Val training class
8. Manual reads through Sentryx for billing.
9. Greased and performed maintenance on GapVax at La Contenta warehouse.
10. Flushed out in Wallace for operations department.
11. New tires installed on dump truck #743
12. Hauled a dump truck load of gravel up to West Point to assist Collections Crew with backfilling a project.
13. Assisted with leak repairs in West Point on 2" line on Marshall, 2" line at WPWTP and a leak on Acorn Way
14. Assisted utility crew with paving on Baldwin.
15. Show and tell on a leak repair for the public on Heinemann.
16. Cost to serves completed for new water line installations on Milton Rd and Hartvickson

**West Point Distribution System:**

**SERVICE LINE WORK**

1. 1" service line at 23720 HWY 26
2. 1" service line at 152 Marshall Way
3. 1" service line at 109 Barney Way
4. 1" service line at 176 Niderost



5. Flow meter at WTP
6. Assisted the Jenny Lind Crew in the repair of many leaks in Rancho.

#### **MAIN LINE WORK**

1. 2" at WTP
2. 2" at 152 Marshall Way

#### **ADDITIONAL WORK**

1. On call training
2. Cla-Val training
3. Pulled dam boards out of Moke river.
4. Field meet with George Reed Const. Paving on Bald Mountain Rd 7 valves- All valves were marked, and contractor paved rings around all valve per district standards.
5. USAs
6. Service request
7. Monthly reads
8. Weekly pump checks and flow meter reads
9. Supervisors meeting
10. Septic tank installation on Main St. Construction and Collections Crew
11. Installed 2" meter setter at Cal Fire station- Construction Crew.
12. Installed 2 6" steel Bollards on Xmas tree Ln -Construction Crew.
13. Worked on Generator at LS- Electricians.

## **Construction**

1. Assisted in leak repair with the Ebbetts Pass, Copper Cove, and Jenny Lind Distribution Crews
2. White Pines Reservoir tule removal.
3. Slurry Line Meter Read.
4. Fixed storm drain at the effluent building at the Forest Meadows WWTP. Installed 6" drainpipe.
5. Repaired washout on Choctaw in Copperopolis caused by a water leak.
6. Installed septic tank in West Point.
7. Installed 2" meter setter for the Cal FIRE water meter.
8. Set 6" bollards on Christmas Tree Lane in West Point.

## **Electrical:**

1. Repaired UVT sensor board and reinstalled at Forest Meadows WWTP UV system.
2. Troubleshoot and repaired Filter #1 backwash flow meter at West Point WTP, found backwash pump #1 in SCADA manual state.
3. Formed up/poured housekeeping pads for transformers at the new Forest Meadows UV system.
4. Replaced failed 500va UPS battery at Jenny Lind WTP.
5. Troubleshoot and repaired automatic transfer switch at Vallecito WWTP, generator won't shut off after exercise, found unit set to exercise for 10 hours, changed to 15 minutes.
6. Troubleshoot and repaired heaters at Hunters WTP, replaced locked fan motor, ordered 2 more.
7. Troubleshoot and repaired backwash flow meter at West Point WTP, changed settings for high air content.
8. Repaired corrupted trend data file for the SCADA #1 machine at Jenny Lind WTP after daylight savings time change.
9. Troubleshoot and replaced failed ASCO valve for the filter #3 and #4 feed water at Jenny Lind WTP.
10. Set transformers on new housekeeping pads at the Forest Meadows UV system.
11. Troubleshoot and repaired surface wash valve at West Point WTP filter #1, tested as well.
12. Rewired absorption clarifier feed water ASCO valve to switch at West Point WTP filter #1.
13. Rewired filter #1 turbidimeter feed water ASCO valve to switch per operator request at West Point WTP.
14. Troubleshoot ceiling fans at Hunters WTP, 3 were nonoperational, ordered 3 new ones.
15. Performed electrical system locate at B-Tank in Copperopolis for upcoming construction project.
16. Troubleshoot and repaired AMI repeater in the West Point service area.
17. Troubleshoot and repaired SCADA #1 machine at Copper Cove WTP, lost network connection, replaced network cable, rebooted computer, connection was then re-established.
18. Replaced failed wireless keyboard and mouse for the SCADA machines at West Point WTP.

19. Attended CWEA NorCal safety day training in Woodland.
20. Removed additional wiring and conduits from filter #1 at Jenny Lind WTP for the filter rehab project.
21. Replaced failed hour meter for pump #1 at Arnold lift station #3 with new unit.
22. Troubleshoot and repaired Copper Cove lift station #7, breakers tripped, pumps ragged up, lead and lag floats were out of order.
23. Replaced failed timer switch for the lights in the bathroom at Hunters WTP.
24. Recon at Hunters WTP for new influent flow meter project, got quote from Flexim for new meters.
25. Manually tested valves for new filter #2 at West Point WTP before filter start-up date.
26. Confirmed spare pull box conduits to switchgear at West Point WWTP for construction project.
27. Troubleshoot Kohler 80kw generator at Saddle Creek #2 lift station, SCRs blown, pest damage as well.
28. Installed/programmed new C-more HMI at A-Tank in Valley Springs after old unit failed during power outage.
29. Troubleshoot and repaired septic system in Southworth, frogs got into panel, removed frogs and duct sealed conduits.
30. After hours troubleshoot and repair of Copper Cove lift station #1, pump #1 ragged up, cleaned out, still won't pump, installed/tested new pump #2.
31. After hours troubleshoot and repair of high-level alarm at Copper Cove lift station #6, replaced failed low-level float.
32. Replaced failed pump #1 at Copper Cove lift station #1 with new unit and tested.
33. Troubleshoot and repaired high level alarm again at Copper Cove lift station #6, reset from backup, works well now.
34. Troubleshoot and repaired ozone generator #1 at Jenny Lind WTP, 3 circuit breakers were tripped, reset and tested function.
35. Troubleshoot and repaired premature high-level alarm at E-Tank in Valley Springs, high level float had slipped down, readjusted float height, tested.
36. Removed failed AMI repeater unit at 225 Quail Creek drive in Copperopolis, sent unit in for warranty repair.
37. Troubleshoot and repaired septic control system at 89 Main street in West Point, rewired controls and replaced all 3 floats.
38. Helped with new filter #2 testing at West Point WTP.
39. Troubleshoot and repaired AMI repeater at 1730 Rawhide Road in Arnold.
40. Wired in/tested new blower #3 at La Contenta WWTP.
41. Troubleshoot and repaired AMI repeater at 11 Kit Carson circle in Arnold, found charged controller faulty, ordered new unit.
42. Participated in factory startup of new Toshiba UPS for the U.V system at Forest Meadows WWTP.
43. Troubleshoot and repaired low air alarm at West Point WTP, found blown control fuse for mercury switch and replaced with new.
44. Performed annual flow meter calibrations in the Ebbetts Pass service area.
45. Troubleshoot and repaired the standby generator at the West Point lift station, logic stuck in Kohler controller, powered down unit and reenergized, tested system by simulating power outage, ran and transferred properly.
46. Troubleshoot and replaced the hour meter for pump #1 at Arnold lift station #3.
47. Troubleshoot and repaired backwash return pump #1 not in auto problem in the SCADA system at West Point WTP, H.O.A switch was dirty.
48. Troubleshoot and repaired the backwash return flow meter at WPWTP, was set to go to 20mA (max flow) during an error condition, reset parameter to 4mA.
49. Troubleshoot and repaired backwash return pump #2 fail to start alarm at West Point WTP, breaker was tripped, reset, and tested pump.
50. Walked operator through an ABB Magmaster flow meter totalizer fix at Big Trees #1 pump station over the phone.
51. Added the mechanical crew to the new SCADA alarming call out database at West Point WTP.
52. Added the On Call phone number to all the call out groups in the new SCADA system at West Point WTP.

## **Collections:**

1. SSO monthly reporting completed.
2. Weekly lift station inspections completed.

3. Monthly dry can inspections completed.
4. Continued USAs district wide.
5. Monthly vehicle inspections completed.
6. On-call training at the main office.
7. Hydro'd Blagen to LS 3 in Arnold. 6-month maintenance.
8. Pumped and cleaned septic tanks at Indian Rock leach fields for operations.
9. Had to take pumper truck 145 to the shop due to pump love joy failure. 11-2-23
10. Pulled pumps at Avery LS. 11-3-23(yearly maintenance).
11. Called to manhole 154 on Hwy 4 due to underground electrical contractor's work effort that bored through a lateral causing a main line blockage. Spill report filed with state. 11-3-23
12. Continued septic tank inspections and pumping in West Point.
13. Pumped and cleaned lift stations 41-43-44&45 in Connor's.
14. Helped the EP Distribution Crew with after-hours leak repair on Avery sheep ranch Road.
15. Called out to LS 7 due to pumps tripping out due to transducer failure.
16. Called out to Upper Cross-Country LS due to pump 2 failure.
17. Worked on septic tank alarm issues at 7081 Pitt ranch Road.
18. Called to 391 Spyglass in La Contenta for backed up lateral. Line has a large belly that needed to be cleared.
19. Pot-holed effluent line at 364 Main Street West Point for community park.
20. Called out to LS 1 in Copper due to pump one failure. Replaced pump. Early morning of 11-17-23.
21. Called out to 7124 Ospital. Septic was plugged with grease.
22. Called out to Lift Station 6 due to low level float going bad.
23. Checked on clean out at 4054 Arrowhead. Customer had damaged their side.
24. Helped the Jenny Lind Distribution Crew with leaks.
25. Called to 4660 Kiva drive to inspect CCWD sewer lines. Customer was concerned their driveway was sinking due to district infrastructure. 11-22-23
26. Called to 89 main street West Point for a septic alarm. Had to pump tank so we can rewire it.
27. Installed a septic tank at 344 main street West Point for community park.
28. Re-wired septic tank at 89 Main Street West Point.
29. Pulled pumps at LS 7 and cleaned them due to rag issues and cleaned the lift station.
30. Met at LS 17 regarding retaining wall with tri dam and property owner.

## **Mechanical:**

1. Training was a big focus. We all attended training and classes for: On-Call, Cla- Val's, Pumps & Motors (training via RCAC), leaks and repairs (RCAC as well), as well as OJT throughout the month while accomplishing work tasks.
2. A large project that Darren and Roy just completed was to cut aluminum cover plates for the new forest meadows UV system. The job required measurements, cutting fabrication and welding to fit the trough, associated wiring, and handles for easier operator maintenance.
3. Our Welding and fabrication work has also required some welder repair and shop set up as it was recently set up post the move-in.
4. We experienced a voltage production failure in the Saddle creek #2 generator (SC2) requiring hours of research, troubleshooting, training, and hands on repair. The faulty part was the SCR which marries the voltage regulators control to the high voltage windings of the generator's rotor and stator circuits.
5. Repaired a pumper truck's rubber PTO coupling and changed the PTO oil prior to completing an operational test to confirm acceptable operation.
6. Fabricated weld table clamps which saves a lot of money and is very useful when tooling.
7. Assisted the Collections Crew with scheduled pump maintenance at Avery School LS.
8. Removed Forest Meadows' effluent pump one for rebuild. With the Operators' help, we were able to identify a spare pump that could be utilized while rebuilding takes place.
9. Carried out district wide generator checks.
10. Serviced and repaired generators in Arnold and service areas above Arnold.
11. Continued repairs to VacCon #126 to insure a proper watertight closure of the rear can. We also rebuilt the truck's high-pressure water pump and corrected misc problems to ensure the passage of a 90-day BIT inspection.
12. Full service and hydraulic leak repair completed on the GapVax truck as well as the 90-day BIT inspection.

13. Midnight emergency response to Copper LS1 failure of both lift station pumps. Used a crane to lift and de rag pump 1, completely replace pump 2, situation required electrician and collections personnel also.
14. 90-day BIT inspection and corrections to Kenworth dump truck and transfer trailer.
15. Removed and prepped pump 4 at the Jenny Lind Water System's A-tank pump station with KCCO crane service due to size of large turbine pump.
16. Installed a blower electrical motor at the La Contenta WWTP requiring pully install and alignment.
17. C. Edens passed the test to obtain CWEA Mechanics technologist certification.
18. Installed Forest Meadows WWTP effluent #1 pump and motor test for smooth rotation, prep for power connection and operational test.

## **Underground:**

1. Finished installing services on Baldwin for the winter.
2. Assisted LaContenta crew with leak repair.
3. Finished paving on Baldwin for the winter.
4. Began cleanup to mobilize off Baldwin and move to Dunn.

**Prepared By: Damon Wyckoff, Director of Operations**