

Agenda Item

DATE: October 11, 2023
TO: Michael Minkler, General Manager
FROM: Damon Wyckoff, Director of Operations
RE: Report on the September 2023 Operations Department

RECOMMENDED ACTION:

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

SUMMARY:

Attached is the monthly Operations Department Report for September 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: September 2023 Operations Department Reports for Districts 1 through 5

Operations Departments Report

September 1st through September 30th, 2023

Director of Operations:

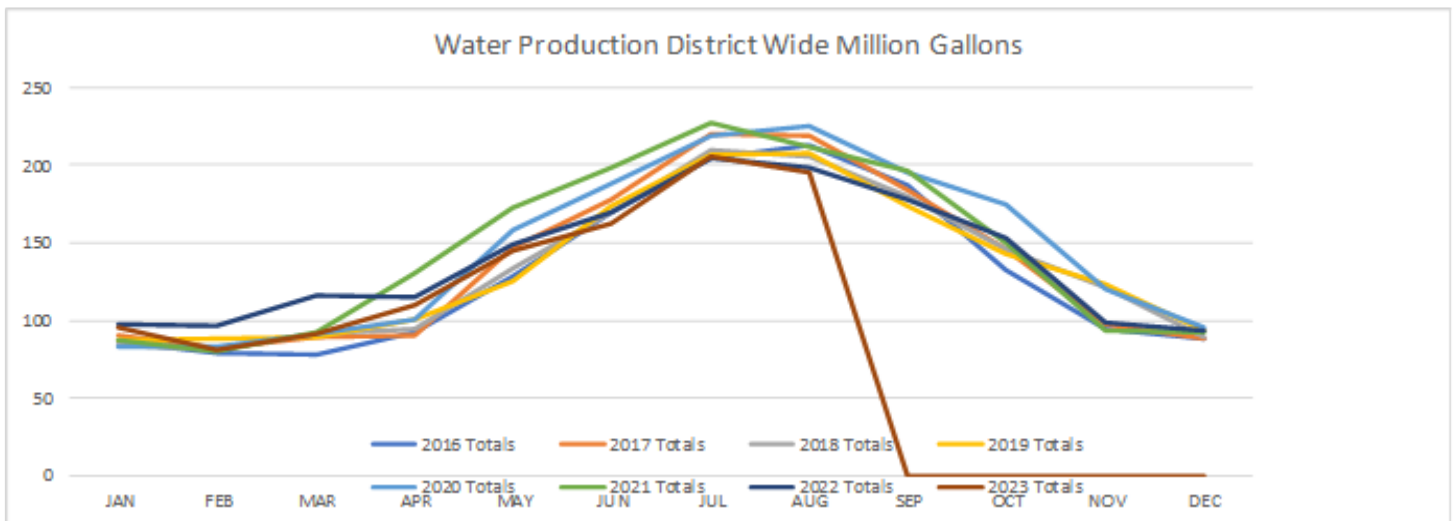
1. On-going coordination and management of multiple District Operations projects and work efforts.
2. Participated in the September 13th Rate Hearing.
3. Presented an overview of the District with the General Manager to the Sons In Retirement in Arnold.
4. Site visits to multiple in-construction District 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 September All-Employee Meeting.
7. Participated in multiple onsite project progress meetings.
8. On-going FEMA coordination related to DR-4683 and DR-4699.
9. On-going work related to the District's Disinfection Byproducts Root Cause Analysis
10. Conducted a Tour of the West Point Water and Wastewater Facilities to the Blue Mountain Emergency Preparedness Committee.
11. Participated in the annual NCPA DSOD inspections of the Upper Reservoirs.
12. On-going CARB related work with MCWRA and ACWA.
13. Participated in a meeting with Calaveras County Public Works focused on road conditions and project coordination in the Rancho Calaveras Service Area.
14. Participated in the Local Hazard Mitigation Plan update Public Workshop.

Administrative Technician:

1. Maintained Field Calendar
2. Received/Tracked All USA North Line 811 Locates – Handled Associated Calls
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. Assisted w/ Prop 218 Process
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 with the Purchasing Agent 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. Ongoing work efforts associated with rate study/proposed increase.
8. Attended public hearing for the rate increase/proposal.
9. Worked on securing a UPS battery backup for Copper Cove Water Plant ozone generators.
10. Working with IT on internet service for the new radio tower site.
11. Worked securing 2 new ozone generators for Copper Cove Water Plant.
12. Participated in the District's Local Hazard Mitigation Plan public meeting.
13. Dam inspections with DSOD on La Contenta, Copper Cove, White Pines, and West Point.
14. Ongoing work efforts related to the District's Cross Connection Control Surveys with Ms. Burke.
15. Participated in a tour of our West Point facilities with members of the public.
16. Working with Peterson Brustad Inc. on West Point water plant filter addition.
17. Participated in our Safety Committee meeting.
18. Worked with our Electricians, Mechanics, and Operators to flow test Old Hunters pump station for preparation of tunnel shutdown.
19. Met with Ebbetts Pass staff for distribution operations clarification in order to optimize its operation.
20. On-going work efforts with the Districts CERS (California Environmental Reporting System) annual reporting.
21. Working with the Sheriff's department on getting our new radio tower site up and going.
22. Worked on collecting bids for tank cleaning and inspection services.
23. Submitted a grant application through CPPA for electrical savings.
24. Below is the water production for the month of August 2023.



Construction and Maintenance Manager:

1. Staff meetings.
2. Board meetings.
3. Multiple Project Meetings – Redwood tanks, AMI, CC Lift Station, etc.
4. Participated in the CWEA North Central Training Team’s coordination and scheduling of collection worker training sessions.
5. Participated in Public Relations Team Meetings.
6. Attended the Rate Study hearing.
7. Participated in a tour of the West Point Water and Wastewater facilities with District Staff and the Blue Mountain Emergency Preparedness Committee.
8. On-going work with the AMI project Team to ensure the completion of punch list items.
9. Participated in the Biological training with the Construction Crew for the White Pines tule removal project.
10. Participated in the Employee Relations Committee Meetings.
11. Participated in a collaborative efforts meeting with Calaveras County Public Works to discuss paving projects in the Rancho Calaveras Service Area.
12. Site visits to review the Utility Crews Paving efforts on Baldwin and to game plan with the Ebbetts Pass Distribution and Construction Crew on the installation of the new Dorrington Pressure Station.
13. Field visit to A Tank in La Contenta to discuss potholing efforts near the Tank for the A to B transmission pipeline project.
14. Participated in the interview process to fill the final Construction Crew Worker vacancy.
15. Site visit to Towns Square in Copperopolis to find a missing fire hydrant meter.
16. Met with the Engineering Team to discuss the CIP and projects.
17. Site visits to tank sites with members of the Engineering Department so that they can assess tank condition.
18. Coordinated with the EP Senior Distribution Worker and the Business Services Manager regarding customer notifications for a planned shutdown in Camp Connell to facilitate the Construction Crews install of a valve and replacement of a leaking reducer.
19. Participated in the annual NCPA DSOD dam inspections.
20. Site visits to multiple Crew work efforts.
21. Multiple phone calls to customers regarding issues/concerns.

Purchasing Agent:

1. Completed invoicing for purchased material.
2. Met with various reps and received quotes for various items for purchase.
3. Ordered parts, tools, materials, and equipment for all departments.
4. Coordinated servicing of District Vehicles for Field Staff
5. Reconciled Credit Cards for Field Staff
6. Worked with new facilities maintenance tech and completed the flooring in the new Warehouse and shop.
7. Secured a long-reach excavator for the White Pines tule removal project.
8. Delivered supplies, materials, and parts.
9. Coordinated the maintenance of pumps in Copper for August with Industrial Electric.

Water Treatment Plants:

Copper Cove Water Treatment Plant:

1. B-Tank, Redwood Tank now removed from service. Water has stopped leaking from the tank. Hopefully this will eliminate water in the construction site. Water loos should also be minimized.
2. Worked with PBI Engineering on Water system upgrades.
3. Ongoing work on new SCADA app for the Copper Area. Operators continue to troubleshoot the app. The Collections System needs to be tested and verified for proper operation as well as the recent repair list checked off.
4. Pressure transducer failed at C-Tank hydro-tank. Transducer swapped out by electrical staff supported by operations.
5. Multiple power outages causing many callouts and Ozone system shutdowns. UPS failed for ozone PLC. This caused a com failure to the ozone system. Electrical staff reloaded IP address and restarted system communications.
6. Ozone system gas leaks persist requiring ongoing repairs. Awaiting new ozone generators.

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

1. Operations as usual
2. Electrical and Mechanics crew conducted a test run at Old Hunters P/S.
3. Switched to Old Hunters P/S on 9.29 while annual maintenance is done at McKay's Reservoir.
4. Hunters P/S pump #2 failed on 9/30. The operator on duty was able to isolate the pump and put pump #3 online.
5. On-going lowering of White Pines for tule removal. Monthly dam inspection complete.

Jenny Lind Water Treatment Plant:

1. Operations as usual

Sheep Ranch Water Treatment Plant:

1. Operations as usual

Wallace Lake Estates Well System:

1. Operations as usual
2. Filters rehabilitated. Water quality has significantly improved.

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. Removed roll-off in the belt press room to clean accumulated debris.
3. Both generator batteries replaced.
4. Rebuilt headworks caustic pump.
5. Received delivery of a new Bear-proof dumpster.

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 as the Pond 6 water quality continues to degrade. High color causing operational problems with UVT, Pond 4 blending helps maintain compliance with the discharge permit.
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.
3. Aerator motors were replaced by maintenance staff and electrical crews. Failures appeared to be caused by PG&E power issues last month.
4. Pond 6 now at a safe level for the next years rains.

Copper Cove Wastewater Reclamation Plant:

1. Ongoing work with Hydro science on the design of the RCP and Pond 6 upgrades.
2. Multiple power outages causing many callouts and RCP system shutdowns and startups.
3. The RCP continues to operate at a reduced flow caused by poor water quality. Maximum operating flow achievable 310 gpm. Designed flow 700 gpm. This is the bottle neck of the Copper Cove RCP. Pretreatment and an updated filtration system should allow for flows at capacity to empty Pond 6 and maintain levels during high I&I periods.

Country House Wastewater Facility:

1. Operations as usual

Forest Meadows Wastewater Treatment Plant:

1. Operations as usual
2. Filters Compressor #1 failure – believe the issue is related to the hydraulic unloader. Parts ordered.

3. Weeds sprayed around ponds and rip rap.
4. New UV installation continues. Now on to the Electrical components.

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. Replaced GAC odor control media.
3. Electricians now will have complete the wiring of the trash rack as part of the Vallecito Grit Removal Project.

West Point Wastewater Treatment Plant:

1. Operations as usual

Wilseyville Wastewater Facility:

1. Operations as usual

Distribution:

Copperopolis Distribution System:

SERVICE LINE WORK

1. 828 Sandy Bar
2. 787 Sandy Bar
3. 2162 Basket Ct
4. 4147 Flint Tr
5. 4638 King Ln
6. 1100 Cheyenne
7. 356 Innocent
8. 1175 Cheyenne
9. 1042 Morado
10. 1508 Mono
11. 586 Thomson
12. 294 Tennis
13. 682 Poker Flat

MAIN LINE WORK

None during this period

Additional Work

1. 6 Valves Turned
2. Service Requests
3. Flushed 40,620 gallons.
4. USA's

Ebbett's Pass Distribution System:

SERVICE LINE WORK

1. 1" Blue Poly repair Sandalwood Dr.
2. 1" Blue Poly repair Buckthorn Dr.
3. 1" Poly repair (PG&E Underground Subcontractor hit **UNMARKED** service line)
4. 1" Poly repair Evergreen Dr.
5. ¾" Blue Poly repair Pine Dr.
6. 1" Blue Poly repair Navajo Dr.

MAIN LINE WORK

1. Big Trees Village Tank 4 fill line
2. Assisted the Construction Crew in replacing a leaking 6x8-inch reducer connecting an 8-inch ductile iron main to a 6-inch Asbestos-Cement pipe.

Additional Work

1. Rebuilt CRD PRV #1
2. Adjusted and tested CRD PRV#38
3. Rebuilt CRL on Surge Relief turning it into a CRL- 18, PRV #38.
4. Inspected 12 PRVs
5. Completed 455 USA tickets.
6. Larkspur Tank now On-Line and Altitude Valve adjusted.
7. Indian Rock BTV Surge Relief repair and box replacement.
8. Campo Seco Way Meadowmont Sub. locate lost Blow-Off, repair gate valve and replace box.
9. Multiple days potholing to locate and map infrastructure for Larkspur Tank Bypass plumbing and Dorrington PRV #64 valve installations.
10. Continued logging and documentation of Cla-Val's with representative from Cla-Val.
11. Assist Construction Crew with the installation of 2 new 6" isolation valves at Dorrington PRV #64 which will allow us to replace PRV with NO LOSS OF SERVICE to customers. PRV replacement will be a multiple day project.
12. Assist Construction Crew with Larkspur Tank Bypass plumbing- which was excluded from Larkspur Tank replacement project.
13. Adjustments to Flume Ct. MM13 Tank Altitude Valve to meet usage demands. Still waiting for some kind of telemetry and alarm for tank level indicator at tank.
14. Timber Trails Pump Station Fail to Start. We have no communication or alarms at Pump Station and/or Timber Trails Tank.
15. Multiple days spent locating infrastructure related to PG&E Underground Project.
16. Multiple field meetings with PG&E subcontractor related to Underground Project.
17. Ongoing assistance to Mueller subcontractors to complete AMI installations.
18. Ongoing assistance on completion of Redwood Tank Replacement Project.
19. Ebbetts Pass Distribution System Optimization Work Plan meeting, associated with ongoing planning and adjustments to improve water quality and circulation issues.
20. Attended on-line Google Mapping of Water Systems Training
21. Flushed 8,000 gallons Pressure Zone #64 Dorrington
22. Flushed 6,000 gallons Timber Trails Tank water line.
23. Routine valve locating and exercising.
24. Routine infrastructure improvements and maintenance

Jenny Lind Distribution System:

SERVICE LINE WORK

31 service lines were repaired during the month of September. Two of these were flares at the main. 12 more are still on the board – we ran out of time this month.

MAIN LINE WORK

1. None during this time

ADDITIONAL WORK

1. Vehicle Inspections
2. Month end reads for Lancha Plana, fill stations, hydrants (6 hydrant meters out right now) and raw water.
3. Lower end flushing for water quality purposes. Also flushed the end of Crestview, Hogan Dam Parkway, and Gold Creek Phase 3.
4. Tank and pump station checks
5. 150 USAs.

6. Work orders for leak checks, meter installations, pressure problems etc.
7. Commissioned several new meters in our Sentryx program.
8. Spent three days with Mazingo potholing for our Jenny Lind A to B project with a focus at A Tank. There is a lot of piping in the ground at A Tank.
9. During tank checks found the motor on Pump 2 at the D tank Pump Station failing. Replaced.
10. Replaced 5 service Tees and 2 service laterals from main to meters.
11. Replaced a 2-inch valve leaking at the La Contenta WWTP that feeds the office and surrounding hose bibs.
12. AMI meter reads.
13. We welcomed our newest crew member Kurtis about halfway through the month.
14. Hydrant inspections yielded the fact that we have 6 hydrants that are out of service. We need to coordinate with Construction and Purchasing for their replacement.
15. Two in-line valves also need to be replaced.

West Point Distribution System:

SERVICE LINE WORK

1. 2274 Highway 26

MAIN LINE WORK

1. None during this time

ADDITIONAL WORK

1. Worked on weed Wacker, blower, chop saw and air compressor to get them all running again.
2. Weed wacked all-around warehouse.
3. Participated in the system facility tour and provided input as needed.
4. Made a Barricade off Associated office with trees, brush, boulders, and other materials to prevent thieves coming onto CCWD property.
5. Weekly pump, tank, and flow meter checks.
6. Worked on Sentryx training.
7. Worked on project list (things that need to be done)
8. Greased and cleaned backhoe.
9. Weekly construction meetings for both the West Point WTP Filter addition and the West Point WWTP/Wilseyville Consolidation projects.
10. USA Line locates.
11. Service request
12. Met with DSOD Dam Inspectors at the Bummerville Reservoir (regulator pond).
13. Cleaned up debris from onsite construction.

Construction

1. Assisted in leak repair with the Ebbetts Pass, Copper Cove, and Jenny Lind Distribution Crews
2. Hauled Rock to all yards as needed.
3. Equipment Maintenance
4. Worked on Ebbetts Pass with Cal-FIRE on brush removal and chipping. Stock-piled chips for SWPPP.
5. Prepped for the White Pines Tule Removal project. Biological assessment, Biological training of construction crew, mobilization of equipment, site prep.
6. Worked on lower road below the Barn at White Pines, the drainage ditches, and hauled off debris.
7. Replaced G-5 box on Meadowview Road and poured concrete collar.
8. Cut in isolation valve for a PRV replacement near the Dorrington Pump Station, replaced leaking 6x8-inch reducer, and cut in 2-inch isolation valve.
9. Completed interviews to fill the vacant Construction Crew position.
10. Plumbed in 6-inch bypass line at the new Larkspur Tank site.
11. Greased the equipment at the White Pines Barn.
12. Slurry Line Meter Read.

Electrical:

1. Reattached small transformer to mounting system at the La Contenta WWTP compressor building.

2. Troubleshoot and repaired Forest Meadows golf course pond aerator, adjusted overloads settings higher.
3. Cleaned up new HVAC unit installed in the Larkspur pump station building, added needed wood trim pieces.
4. Re-aimed the telemetry antenna at Big Trees 4 tank after someone moved it during construction.
5. Troubleshoot and repaired the heater at Sawmill tank, replaced failed fan motor.
6. Replaced failed switch/receptacle combo for the absorption clarifier turbidimeter ASCO valve at West Point WTP.
7. Replaced failed switch/receptacle combo for the filter effluent turbidimeter ASCO valve at West Point WTP.
8. Troubleshoot and repaired an ozone generator at Copper Cove WTP, went online with PLC, found PLC not in run mode after PG&E power outage, fixed that, also replaced failed 750va UPS that had failed in ozone control cabinet.
9. Troubleshoot Flexim flow meter in the Forest Meadows UV room, pipe was full of air.
10. Replaced ASCO valve for the filters 5 & 6 streaming current monitor at Jenny Lind WTP.
11. Wired in new aerator on pond 6 at Copper Cove WWTP.
12. Troubleshoot and repaired pump #2 at D-Tank in Valley Springs, tested capacitors, pump has failed, unwired it, mechanics to install new pump and call us to wire it up.
13. Added new operator from Copper Cove in SCADA remote access system per CPO.
14. Troubleshoot effluent pump #3 at Jenny Lind WTP, Amp draw good, GPMs good, sounds bad.
15. Gathered info and quotes for power savings grant.
16. Worked on completing new control panel for Copper Cove lift station 17 grinder pumps.
17. Worked on installing gutter, conduits and wire for the new UV system at Forest Meadows WWTP.
18. Reinstalled the transducers for the temporary flow meter in the Forest Meadows WWTP UV room, applied more sound gel for better signal strength.
19. Removed 2-way voice radio repeater equipment and generator from the former Hunt Road repeater site.
20. Wired in/tested new motor at D-Tank pressure station in Valley Springs.
21. Troubleshoot Jenny Lind WTP effluent pump #2 after fail to start alarms, found Cla-Val leaking water over bonnet and not operating properly.
22. Troubleshoot Jenny Lind WTP effluent pump #3 with mechanics, uncoupled shaft, motor shaft bent, mechanics to pull pump and motor.
23. Troubleshoot and repaired multiple filters stuck in backwash que at Jenny Lind WTP, I/O card in PLC had a bad connection, also water in conduit.
24. Replaced failed open and close ASCO valves at Jenny Lind WTP BWR pump #2, tested, Cla-Val not responding properly.
25. Replaced failed ASCO valve for streaming current monitor on filters 3&4 at Jenny Lind WTP
26. Troubleshoot and repaired Vallecito lift station controls, found bad local hour meter and replaced with new unit.
27. Replaced failed hour meter for Jenny Lind WTP influent pump #3 with used unit on the shelf, ordered spares.
28. Pulled aerator from Forest Meadows WWTP pond, unit was plugged, causing motor failure, unwired motor, awaiting replacement.
29. Troubleshoot and repaired SCADA phone line at Hunters WTP, line was down, AT&T repaired it.
30. Troubleshoot and repaired control system at Copper Cove lift station #12, grease ball on lead float, low level cutout float was too low causing station to go into backup, cleaned floats and adjusted levels.
31. Drilled weep holes in 2 stainless steel gutters at Jenny Lind WTP to prevent water intrusion during storms into the PLC control cabinet.
32. Replaced failed ASCO valve for the Filter #1 turbidimeter feed water at West Point WTP.
33. Troubleshoot backwash return ASCO valves for pump #2 at Jenny Lind WTP, Cla-Val not responding properly.
34. After-hours emergency repair at Timber Trails pump station, overloads were tripped due to PG&E power spike, reset units.
35. After hours emergency repair of Upper Cross Country lift station after power outage, replaced C-More HMI external drive.
36. After-hours emergency repair of Upper Cross Country lift station after power outage, IEC starter for the mixer was chattering upon start and stops, checked coil voltage, ordered new starter.
37. After hours emergency repair of Upper Cross Country lift station after power outage, pump #2 failure, performed insulation test of pump windings, pump failed, Collections crew to pull and have rebuilt.

38. After hours emergency repair at Copper Cove WTP after power outage, replaced failed 500va UPS with new unit.
39. Unwired pump #2 at Upper Cross Country lift station, mechanics then pulled pump and sent off to get rebuilt.
40. Wired in new aerator at Copper Cove WWTP pond 1, also wired in new aerator at Copper Cove WWTP pond #2 as well.
41. Wired in/tested newly rebuilt pump at Lower Cross Country lift station, seal failure fault upon installation, removed pump and unwired, sent back for warranty work.
42. Wired in and scaled level transducer at the new Larkspur tank during construction, to reuse old control cabinet temporarily.
43. Cleaned all 6 motor starters for the Hunter Dam pumps in preparation for the tunnel tap maintenance shutdown.
44. Wired in/tested portable generator at Hunter Dam in preparation for the tunnel tap yearly maintenance shutdown.
45. Tested operation of the Hunter Dam pumps in preparation of the tunnel tap yearly shutdown.
46. Troubleshoot and repaired the telemetry radio at Azalea Court lift station after communication failures, went online with radio and used online diagnostics tools to repair.
47. After hours replacement of level transducer at Copper Cove C-Tank after failure of old unit.
48. Troubleshoot and repaired AMI collector behind coffee shop in Avery, unit was failed, came back next day and replaced with new unit.
49. Rescaled the red lion display at Larkspur tank to reflect the level of the new larger tank.
50. Reprogrammed SCADA machines at Hunters WTP to allow proper filling of new Big Trees tanks.
51. Pulled s/o cord out of aerator in pond #2 at Copper Cove WTP, repaired cord and reconnected.
52. Adjusted overload setting at Saddle Creek lift station #3 to prevent nuisance tripping.
53. Replaced intrusion transmitter batteries for the security system at the Hunters electrical shop.

Collections:

1. Monthly SSO reporting completed.
2. Monthly vehicle inspections completed.
3. Weekly lift station inspections completed.
4. Continued marking USA's District wide.
5. Monthly dry can inspections completed.
6. Continued septic tanks in West Point.
7. Called out to lift stations in Copper due to power failures.
8. Pumped thickener tank at Jenny Lind WTP.
9. Continued septic tanks in West Point.
10. Marked USA along Hwy 4 in Arnold for PGE replacement job.
11. Pumped back wash ponds at Jenny Lind WTP.
12. Called out to lift stations in Copper again due to PG&E power failures.
13. Replaced upper Kanaflex on vac con 135.
14. Pumped and cleaned Six-Mile and Azalea Ct. lift stations.
15. Attended CWEA hydro class in Lodi.
16. Helped the Utility Crew with line replacement on Milton road.
17. Pumped and cleaned Woodgate lift stations.
18. Pumped down lift station 18 for boring job for new wet well.
19. Called out to LS 12 due to bad power causing system to go into backup.
20. Brought truck 145 into shop for pump U joint replacement.
21. Pumped and cleaned Lift Station 7 and Lower Cross-Country for quarterly maintenance.
22. Pumped and cleaned Saddle Creek lift station 3.
23. Called out to LS 12 again due to bad power.
24. Flushed main line below West Point fire Department for quarterly maintenance.
25. Called out to Copper lift stations again due to PGE outages. Had to repair a radiator hose on generator at Upper Cross-Country. Electricians replaced failed HMI.
26. Called out to wood gate 2 pump 1 failed to start.
27. Pulled Pump 2 at Upper Cross-Country Lift Station and took it to Shape to be rebuilt.
28. Pumped and cleaned Lake side LS.

29. Worked on pump issues at Upper Cross-Country and took pump 2 to Industrial Electric to get rebuilt.
30. Called to Pit Ranch road for a septic alarm. On off float went bad. Replaced.
31. Hydro'd the meadow above LS 3 in Arnold for yearly maintenance.
32. Met with Rain For Rent at Upper Cross-Country to go over emergency bypass pumping.
33. Picked up pump for the Huckleberry Lift Station from Shape Inc.

Mechanical:

1. Generator checks District wide.
2. Responded to multiple power outages throughout the county requiring generator refueling, maintenance and light repairs.
3. Welcomed our new Mechanic Roy to the Crew.
4. Removed and replaced our Copper Pond 6 submersible pump. The original pump-to-pipe adaptor failed due to age and corrosion. Fabricated a new adaptor in-house out of stainless steel. Installed the new pump and adaptor in Pond 6.
5. Responded to a West Point fuel and equipment (2-inch trash pump) theft. Installed heavy-duty hasps on the fuel tanks and disconnected power to the pumping system.
6. Continued fitment and assistance with alarmed gates and doors at the Shop and Warehouse.
7. Replaced the rear brakes on truck 710 ('08 F350).
8. Set up a chemical mixer and associated components for the Jenny Lind WTP.
9. Aligned and manually tested valves within the Meadowmont Pump Station and associated Cla-Vals in anticipated of putting pump 3 online.
10. Removed and relocated the two-way radio communication equipment from the Hunt Road repeater site.
11. Installed new motor and pump at the D Tank Pump Station site in Rancho Calaveras.
12. Kenworth dump truck had a front engine cover oil leak. Tightened up loose hardware and put it back into service.
13. Responded to an issue of excessive noise and vibration on effluent pump 3 at the Jenny Lind WTP. Pump taken out of service. Spare sent out for QA inspection prior to installation.
14. Removed aerator for rebuild – Forest Meadows WWTP influent pond.
15. Picked up and installed two rebuilt aerators in influent ponds 1 and 2 at the Copper Cove WWTP. Placed aerator3 back into service post electrical repair.
16. Fabricated chemical tank stands for the West Point WTP.
17. Used crane to remove failed pumps at Upper and Lower Cross-Country Lift Stations.
18. Test operated the Hunter Dam Pump Station in prep for the NCPA outage.
19. On-going repairs to Veh 135 (2013 VacCon) – replaced Kanaflex hose, main lid gasket, and vacuum pipe.
20. Put failed aerator back into service – Southworth WWTP.

Underground:

1. Assisted the Jenny Lind Distribution Crew with leak repair.
2. Continued Service Lateral replacements in the Jenny Lind Area.
3. Milton Road Emergency Service lateral replacement.

Prepared By: Damon Wyckoff, Director of Operations