

Plant Operations Report (Corrected)

During this reporting period (January 1st – January 30th) the District's facility met its Permit Limitations as required under the State of California's National Pollutant Discharge Elimination System (NPDES) Permit issued to the District.

Monthly Plant Data as of January 30, 2019

January 2020	INF Flow MGD	INF Peak Flow MGD	INF BOD mg/L	EFF BOD mg/L	BOD % Removal	INF TSS mg/L	EFF TSS mg/L	TSS % Removal	Fecal Coliform MPN/100 mL	Chlorine Usage lbs/day
Low	2.25	3.2	241	14.5		347	16.5		2	143
High	2.57	4.1	513	24.5		530	24.5		46	329
Average	2.39	3.6	400	20.2	95	434	20.9	95.2	13.2	216
Jan 2019 AVG	2.7	3.9	634	15.2	97.6	759	24.1	96.8	2.5	198
Limit	5.0			40/60/90			40/60/90	>80	2000	

*Limits – 40/60/90 represent the monthly average, weekly average, and instantaneous maximum value for plant effluent Biochemical Oxygen Demand (BOD) and Total Suspended Solids (TSS). >80 represents the average monthly percent removal of BOD and TSS. 2000 represents the maximum daily value for plant effluent fecal coliform

Operation and Maintenance Projects

- Changed out boiler air filter
- Continued inspection of manholes
- San Luis Powerhouse replaced low coolant sensor on emergency bypass pump
- Removed and installed new chemical pump for filling of totes
- Performed confined space entry into primary clarifier No. 2 to take measurements for clarifier rehab project
- Surface Pumps, Inc. installed influent pump No. 3
 - Due to a pump water seal failure, the pump was removed after installation for repair and will be reinstalled at no charge to the District. The District will have to purchase a new water seal for the pump if the old seal cannot be repaired.
- Cleaned and organized the fixed film reactor downstairs storage area
- Troubleshoot and repaired front gate keypad
- Performed general cleanup of treatment plant

Work Orders Completed

- Inspected digester vacuum/pressure relief valves
- Rinsed weir, launder, and baffles on all clarifiers
- Inspected and serviced Amiad filters
- Ran emergency generator and emergency bypass pump
- De-ragged primary sludge pumps
- Flushed sodium bisulfite header at chlorine contact tank
- Changed oil in fixed film reactor distributor drive

Training

- Staff participated in training on Signs and Tags

Call Outs

- January 5th, 5:30 AM – Waste Gas Burner Pilot Light Failure. Operations staff responded and inspected waste gas burner. Due to high winds pilot light to waste gas burner was blown out. Upon arrival waste gas burner was operating normally.
- January 9th – Received chemical load from towing company to store on District property per CALFire's request. Load was from tipped over tanker.