



PERMIT TO OPERATE

This initial permit must be renewed ANNUALLY unless the equipment is moved, or changes ownership.
If the billing for the annual renewal fee (Rule 301.f) is not received by the expiration date, contact the District.

Legal Owner
or Operator:

INLAND EMPIRE UTL AGEN, A MUN WATER DIST
P.O. BOX 9020
CHINO HILLS, CA 91709

ID 79174

Equipment Location: 12811 6TH ST, RANCHO CUCAMONGA, CA 91739

Equipment Description :

SEWAGE TREATMENT AND WATER RECYCLING PLANT, FOURTEEN (14) MILLION GALLONS PER DAY (MGD) AVERAGE CAPACITY, WITH A BY-PASS TO RP-1, CONSISTING OF:

1. INFLUENT PUMP STATION, WITH FIVE PUMPS, 50 HP EACH, AND THREE PUMPS, 100 HP EACH, FLOW METER, FLOW MANHOLE DIVERSION TO RP-1, AND PRIMARY INFLUENT FLOW SPLITTER TO THE PRIMARY CLARIFIERS SPLITTER BOX.
2. HEADWORKS WITH TWO MECHANICAL BAR SCREEN (ONE MECHANICAL BAR SCREEN AS A BACKUP UNIT), AND TWO PISTA GRIT CHAMBER, 16' DIA., NON-AERATED.
3. TWO (2) PRIMARY CLARIFIERS, 105' DIA. EACH, WITH PRIMARY SLUDGE AND SCUM STATION.
4. PRIMARY EFFLUENT AND RAS FLOW SPLITTER BOX TO THE ANOXIC TANKS.
5. THREE (3) RADIAL ANOXIC TANKS, 7' W. X 14'-6" D. EACH.
6. SIX (6) AERATION BASIN TRAINS, 363' L. X 35' W. X 16' D., DIFFUSED AIR, WITH TWO 500 HP BLOWERS AND ONE 450 HP BLOWER, WITH SIX MIXED LIQUOR RETURN (MLR) PUMPS, 40 HP EACH.
7. THREE (3) SECONDARY CLARIFIERS, 145' DIA. EACH, WITH INFLUENT FLOW SPLITTER BOX, AND RETURN ACTIVATED SLUDGE (RAS)/WASTE ACTIVATED SLUDGE (WAS) VALVE STATION, WITH THREE RAS PUMPS, 75 HP EACH.
8. SECONDARY INFLUENT FLOW SPLITTER BOX.
9. FOUR (4) DISC TYPE FILTERS WITH FLOCCULATION BASINS, 8'-6" D. X 16' L.
10. EIGHT (8) MULTIMEDIA FILTERS, CONSISTING OF ANTHRACITE, SAND AND PLASTIC, EACH 31'-4" L. X 10'-0" W. X 7'-0" D.
11. THREE (3) CHLORINATION CONTACT BASINS.
12. EFFLUENT/RECYCLED WATER PUMP STATION.

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13. CHEMICAL STORAGE FACILITY WITH THREE (3) 2,200 GALLON CAPACITY SODIUM HYPOCHLORITE TANKS, ONE (1) 2,200 GALLON ALUMINUM SULFATE (ALUM) TANK, TWO (2) 400 GALLON ALUMINUM SULFATE (ALUM) TRANSFER TANKS, AND ONE (1) 8,000 GALLON FERRIC CHLORIDE TANK.
14. EMERGENCY STORAGE LAGOON, 4 MILLION GALLON CAPACITY, INCLUDES FILTER BACKWASH, SECONDARY CLARIFIER TROUGH WATER, AND STORM WATER RUNOFF.
15. HEADWORKS UNIT AND PRIMARY CLARIFIERS VENTING TO AN ODOR CONTROL UNIT (BIOFILTER) UNDER A/N 435183.

Conditions :

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
3. THIS EQUIPMENT SHALL BE OPERATED AND MAINTAINED BY PERSONNEL PROPERLY TRAINED IN ITS OPERATION.
4. THIS FACILITY SHALL BE USED ONLY FOR LIQUID TREATMENT OF WASTEWATER.
5. BIOSOLIDS GENERATED SHALL NOT BE STORED OR TREATED AT THIS FACILITY.
6. THE OPERATION OF THIS FACILITY SHALL NOT RESULT IN THE RELEASE OF ANY RAW DIGESTER GAS.
7. HEADWORKS AND PRIMARY CLARIFIERS SHALL NOT BE OPERATED UNLESS THEY ARE FULLY ENCLOSED AND THEIR EXHAUST AIR VENTED TO AIR POLLUTION CONTROL SYSTEM(S) WHICH ARE IN FULL OPERATION AND HAVE VALID PERMITS TO CONSTRUCT OR OPERATE ISSUED BY THE SCAQMD. THE AIR POLLUTION CONTROL SYSTEM(S) EQUIPMENT MAY BE SHUT DOWN FOR A PERIOD NOT EXCEEDING 48 HOURS FOR MAINTENANCE AND NOT EXCEEDING 60 MINUTES DURING ELECTRICAL POWER SOURCE CHANGEOVER DUE TO HIGH POWER DEMAND OR MONTHLY EMERGENCY SYSTEM TESTING. SHUTDOWNS DUE TO ELECTRICAL POWER SOURCE CHANGEOVERS DUE TO EDISON POWER INTERRUPTIONS FOR HIGH DEMAND OR EMERGENCY SYSTEM TESTING SHALL NOT OCCUR MORE THAN ONCE DURING ANY CALENDAR MONTH FOR EITHER EVENT. EACH SHUTDOWN MUST BE RECORDED WITH DATE, TIME, DURATION AND PURPOSE OF THE SHUTDOWN.
8. A FLOW METER INDICATING, MGD, SHALL BE INSTALLED TO INDICATE THE VOLUME OF INFLUENT WASTEWATER TREATED.
9. THE DAILY AVERAGE QUANTITY OF WASTEWATER, AVERAGED ON A CALENDAR MONTH, TREATED BY THIS PLANT SHALL NOT EXCEED FOURTEEN (14) MILLION GALLONS PER DAY, EXCEPT DURING WET WEATHER PERIODS AND EMERGENCY PERIODS INVOLVING PUBLIC HEALTH AND SAFETY.

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NOTICE

IN ACCORDANCE WITH RULE 206, THIS PERMIT TO OPERATE OR COPY SHALL BE POSTED ON OR WITHIN 8 METERS OF THE EQUIPMENT.

THIS PERMIT DOES NOT AUTHORIZE THE EMISSION OF AIR CONTAMINANTS IN EXCESS OF THOSE ALLOWED BY DIVISION 26 OF THE HEALTH AND SAFETY CODE OF THE STATE OF CALIFORNIA OR THE RULES OF THE AIR QUALITY MANAGEMENT DISTRICT. THIS PERMIT CANNOT BE CONSIDERED AS PERMISSION TO VIOLATE EXISTING LAWS, ORDINANCES, REGULATIONS OR STATUTES OF OTHER GOVERNMENT AGENCIES.

EXECUTIVE OFFICER

A handwritten signature in black ink that reads "Dorris M. Bailey".

By Dorris M. Bailey/AS08

1/29/2014

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