



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 67399

Equipment Location: 14950 TELEPHONE AVE, CHINO, CA 91710-9616

Equipment Description :

SEWAGE TREATMENT PLANT (CARBON CANYON WATER RECYCLING FACILITY), 11.4 MILLION GALLONS PER DAY (MGD) DESIGN FLOW, CONSISTING OF:

- A. HEADWORKS/ PRELIMINARY TREATMENT, VENTED TO AIR POLLUTION CONTROL, CONSISTING OF:
 - 1. TWO MECHANICAL BARSCREENS.
 - 2. ONE MANUAL BARSCREEN.
 - 3. ONE GRIT CHAMBER, 16' DIAMETER
 - 4. TWO GRIT PUMPS, EACH 220 GPM.
 - 5. TWO CYCLONE SEPARATORS.
 - 6. FERRIC CHLORIDE STORAGE AND INJECTION FACILITY, 7,000 GALLON CAPACITY.
 - 7. POLYMER STORAGE AND INJECTION FACILITY, 540 GALLON CAPACITY.
 - 8. SODIUM HYDROXIDE STORAGE AND INJECTION FACILITY.
 - 9. SODIUM HYPOCHLORITE STORAGE AND INJECTION FACILITY.
- B. PRIMARY CLARIFICATION, CONSISTING OF:
 - 1. TWO PRIMARY CLARIFIERS, 95' DIA., COVERED, VENTED TO AIR POLLUTION CONTROL, WITH TWO 220 GPM SLUDGE PUMPS AND TWO 12,200 GPM EFFLUENT PUMPS.
 - 2. ONE EMERGENCY STORAGE BASIN, PRIMARY EFFLUENT, 9 MILLION GALLON CAPACITY.
- C. SECONDARY TREATMENT, CONSISTING OF:

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1. SIX AERATION BASINS WITH ASSOCIATED MIXERS.
2. BLOWER BUILDING WITH THREE 6000 CFM BLOWERS AND ONE 6400 CFM BLOWER.
3. THREE SECONDARY CLARIFIERS, EACH 120' DIA. AND ASSOCIATED PUMPS.
4. ONE 12,200 GPM RAS PUMP
5. FOUR MIXED LIQUOR RECYCLE PUMPS, EACH 7425 GPM.
6. WAS PUMP STATION (TO RP-2 PLANT).

D. TERTIARY TREATMENT, CONSISTING OF:

1. ONE FLOCCULATION BASIN WITH ONE FLOCCULATOR.
2. POLYMER TOTES, 540 GALLON CAPACITY.
3. ONE ALUMINUM SULFATE SOLUTION STORAGE TANK, 5,000 GALLON CAPACITY.
4. THREE SHALLOW BED SAND FILTERS
5. BACKWASH RETURN PUMP STATION WITH THREE 950 GPM PUMPS.
6. ONE CHLORINE CONTACT BASIN, SERPENTINE TYPE.
7. SODIUM HYPOCHLORITE STORAGE TANKS AND ASSOCIATED PUMPS.
8. SODIUM BISULFITE SOLUTION (SBS) STORAGE TANKS AND ASSOCIATED PUMPS.

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. THE OPERATOR SHALL INSTALL AND MAINTAIN FLOW MEASURING DEVICES AT THE HEADWORKS, PRIMARY SLUDGE EFFLUENT, AND WAS EFFLUENT STATIONS TO MEASURE THE DAILY VOLUME OF WASTEWATER/SLUDGE.
5. THE MAXIMUM QUANTITY OF WASTEWATER TREATED BY THIS EQUIPMENT SHALL NOT EXCEED 11.4 MILLION GALLONS PER DAY, BASED ON A MONTHLY AVERAGE, EXCLUDING STORM PERIODS AND EMERGENCY SITUATIONS.

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6. ALL SLUDGE SHALL BE PIPED AND STORED IN AN ENCLOSED MANNER TO PREVENT THE RELEASE OF AIR CONTAMINANTS UNTIL AFTER IT IS DEWATERED.
7. BIOSOLIDS SHALL NOT BE TREATED AT THIS FACILITY.
8. WHENEVER THE THE HEADWORKS AND PRIMARY CLARIFIERS ARE IN USE, THEY SHALL BE VENTED TO AIR POLLUTION CONTROL SYSTEMS WHICH ARE IN FULL USE AND HAVE VALID PERMITS TO OPERATE ISSUED BY THE SCAQMD, EXCEPT FOR THE FOLLOWING:
 - A. THE AIR POLLUTION CONTROL SYSTEM(S) MAY BE SHUT DOWN FOR A PERIOD NOT EXCEEDING 48 HOURS FOR EACH SCHEDULED MAINTENANCE EVENT.
 - B. THE AIR POLLUTION CONTROL SYSTEM(S) MAY BE SHUT DOWN FOR UP TO 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.
9. DAILY RECORDS SHALL BE KEPT TO SHOW COMPLIANCE WITH THE ABOVE CONDITIONS FOR PERIOD OF AT LEAST FIVE YEARS AND SHALL BE MADE AVAILABLE TO SCAQMD PERSONNEL UPON REQUEST.

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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

5/9/2013

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