



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 DIS
P.O. BOX 9020
CHINO HILLS, CA 91709

ID 1179

Equipment Location: 16400 EL PRADO CHINO, CA 91710

Equipment Description :

SLUDGE TREATMENT PLANT (REGIONAL PLANT NO. 2), 28 MGD CAPACITY, CONSISTING OF:

1. TWO GRAVITY THICKENERS, EACH 45'-0" DIA. X 10'-0" H., WITH A DISTRIBUTION BOX AND ASSOCIATED PUMPS.
2. SODIUM HYPOCHLORITE STORAGE AND INJECTION FACILITY.
3. TWO DAF THICKENERS, EACH 30'-0" DIA. X 8'-3" H., WITH RETENTION TANK, AIR COMPRESSORS, BLOWER AND ASSOCIATED PUMPS.
4. FERRIC CHLORIDE STORAGE AND INJECTION FACILITY.
5. POLYMER STORAGE FACILITY WITH ASSOCIATED PUMPS.
6. ONE AEROBIC DIGESTER, 50'-0" DIA., X 22'-0" H., WITH ASSOCIATED PUMPS.
7. THREE ANAEROBIC DIGESTERS, TWO 90'-0" DIA. X 32'-0" H., ONE 50'-0" DIA. X 22'-0" H., AND WITH ASSOCIATED PUMPS.
8. FOUR SLUDGE HEAT EXCHANGERS, WITH A MAXIMUM RATING OF 2.5 MMBTU PER HOUR.
9. DIGESTER GAS PROCESSING STATION WITH THREE MIXING COMPRESSORS, A BOOSTER COMPRESSOR AND TWO CONDITIONERS.
10. TWO BELT PRESSES, EACH 1,700 POUNDS PER HOUR MAXIMUM CAPACITY AND ASSOCIATED PUMPS.
11. TWO CENTRIFUGES, EACH 2,235 POUNDS PER HOUR CAPACITY AND ASSOCIATED PUMPS.
12. A PUMP STATION TO TRANSFER FLOWS THAT ARE TRIBUTARY TO RP-2 TO RP-5.

ORIGINAL



PERMIT TO OPERATE

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 BY PERSONNEL PROPERLY TRAINED IN ITS OPERATION.
4. THE DAILY TOTAL INFLUENT FLOW, IN MILLION GALLONS PER DAY (MGD), TO THE SLUDGE TREATMENT PLANT SHALL BE MEASURED AND RECORDED.
5. THE DAILY INFLUENT FLOW TO THE SLUDGE TREATMENT PLANT SHALL NOT EXCEED 28 MGD.
6. A TOTALIZING FLOW METER SHALL BE INSTALLED TO MEASURE THE AMOUNT OF DIGESTER GAS GENERATED IN THE DIGESTERS.
7. THE DIGESTER GAS FLOW RATE SHALL BE RECORDED ON A DAILY BASIS.
8. ALL OF THE DIGESTER GAS PRODUCED AT THIS FACILITY SHALL BE COMBUSTED IN THE RP-2 FACILITY FLARE(S), ENGINE(S), OR BOILER(S), OR IN COMBUSTION EQUIPMENT WITH VALID PERMITS TO CONSTRUCT OR OPERATE AT OTHER INLAND EMPIRE UTILITIES AGENCY (IEUA) FACILITIES WITHIN THE DIGESTER GAS SYSTEM LOOP, EXCEPT AS PROVIDED BELOW.
9. RAW DIGESTER GAS SHALL NOT BE VENTED TO THE ATMOSPHERE. DURING MAINTENANCE WORK TO THE DIGESTERS OR GAS SYSTEM, DIGESTER GAS RELEASES SHALL FIRST BE TREATED BY EQUIPMENT WITH VALID PERMITS BEFORE BEING RELEASED TO THE ATMOSPHERE.
10. ALL RECORDS REQUIRED BY THIS PERMIT SHALL BE KEPT AND MAINTAINED FOR A MINIMUM OF TWO YEARS AND SHALL BE MADE AVAILABLE TO THE SCAQMD PERSONNEL UPON REQUEST.

ORIGINAL



PERMIT TO OPERATE

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 cursive script that reads "Dorris M. Bailey".

By Dorris M. Bailey/GR01
10/13/2005

ORIGINAL



SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
21865 Copley Drive, Diamond Bar, CA 91765

AQMD

