



## FACILITY PERMIT TO OPERATE INLAND EMPIRE UTILITIES AGENCY

### PERMIT TO OPERATE

Permit No. G17081  
A/N 357035

#### Equipment Description:

WASTEWATER TREATMENT PLANT (REGIONAL PLANT NO. 5), 12 MGD CAPACITY (PHASE -I),  
CONSISTING OF:

1. AN INFLUENT PUMP STATION WITH THREE DRY PIT SUBMERSIBLE PUMPS.
2. HEADWORKS STATION WITH TWO BAR SCREENS, A VORTEX GRIT CHAMBER, SCREENINGS, GRIT WASHING AND COMPACTING.
3. TWO PRIMARY CLARIFIERS, COVERED, EACH 100' DIA. X 12'- 0" D. WITH ASSOCIATED PUMPS AND PRIMARY CLARIFIER SPLITTER BOX.
4. TWO AERATION BASINS, EACH 343' -0" L. X 114' - 0" W. X 19'- 0" D. WITH FINE BUBBLE AERATION SYSTEM.
5. FOUR SECONDARY CLARIFIERS, EACH 130' DIA. X 17' - 0" D. WITH ASSOCIATED PUMPS.
6. TWELVE TERTIARY FILTERS, EACH WITH 300 FT<sup>2</sup> SURFACE AREA AND 15' - 0" D.
7. FLOCCULATION TANK, 275'- 0" L. X 45'- 0" W. X 15'-0" D. WITH A FLASH MIXER.
8. A LOW PRESSURE ULTRAVIOLET DISINFECTION SYSTEM.
9. CHEMICAL STORAGE, MIXING AND DISTRIBUTION AREA;
  - A. PRIMARY CHEMICAL FACILITY:  
STORAGE TANK, FERRIC CHLORIDE, 9,240 GALLONS.  
TWO ANIONIC POLYMER TOTES, EACH 260 GALLONS.
  - B. SECONDARY CHEMICAL FACILITY:  
STORAGE TANK, SODIUM HYPOCHLORITE, 10,000 GALLONS.  
STORAGE TANK, SODIUM BISULFITE, 6,200 GALLONS.  
STORAGE TANK, ALUMINUM SULFATE, 6,700 GALLONS.  
STORAGE TANK, CATIONIC POLYMER, 1,000 GALLONS.  
STORAGE TANK, ALUM/POLYMER BLEND, 6,700 GALLONS.
10. UTILITY WATER PUMP STATION.
11. EMERGENCY STORAGE BASIN, 480'- 0" L. X 155'- 0" W. X 13' -0" D. WITH ASSOCIATED PUMPS.



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### Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
3. THIS EQUIPMENT SHALL BE OPERATED BY PERSONNEL PROPERLY TRAINED IN ITS OPERATION.  
[RULE 204]
4. INFLUENT PUMP STATION, HEADWORKS, GRIT CHAMBERS, SPLITTER BOXES AND PRIMARY CLARIFIERS SHALL NOT BE OPERATED UNLESS IT IS VENTED TO AIR POLLUTION CONTROL SYSTEM (BIOFILTER) WHICH IS IN FULL OPERATION AND HAS A VALID PERMIT TO CONSTRUCT/ OPERATE ISSUED BY THE SCAQMD.  
[RULE 204, RULE 402]
5. THE DAILY TOTAL INFLUENT FLOW TO THE WASTEWATER TREATMENT PLANT AND PROCESSES SHALL BE MEASURED AND RECORDED IN MILLION GALLONS PER DAY (MGD).  
[RULE 204]
6. THE DAILY INFLUENT FLOW TO THE WASTEWATER TREATMENT PLANT SHALL NOT EXCEED 12 MGD EXCEPT DURING WET WEATHER PERIODS.  
[RULE 1304(a)(4)-Modeling & Offsets Exemption]
7. ALL OF THE WASTE SOLIDS STREAMS (SLUDGE) GENERATED FROM THE PRIMARY AND SECONDARY CLARIFIERS SHALL BE DIVERTED TO BE PROCESSED BY THE INLAND EMPIRE UTILITIES AGENCY REGIONAL PLANT NO. 2 (RP-2).  
[RULE 204]
8. RECORDS REQUIRED BY THIS PERMIT SHALL BE KEPT AND MAINTAINED FOR AT FIVE YEARS AND MADE AVAILABLE TO SCAQMD PERSONNEL UPON REQUEST.  
[RULE 3004(a)(4)]