

FACILITY PERMIT TO OPERATE EASTERN MUNICIPAL WATER DISTRICT

PERMIT TO CONSTRUCT

GRANTED AS OF: TBD
A/N 513835

Equipment Description:

ENCLOSED FLARE, 12 MMBTU/HR MAXIMUM HEAT INPUT, 3'-8" W. X 3'-8" L. X 23'-4" H, BEKAERT MODEL CEB 350, WITH 7.5 HP COMBUSTION BLOWER, AUTOMATIC AIR CONTROL SYSTEM, DIGESTER GAS FIRED, WITH DIGESTER AND NATURAL GAS PILOTS, TEMPERATURE CONTROLLER, AUTOMATIC FLARE SHUT DOWN SYSTEM, FLARE FAILURE ALARM, AUTOMATIC RESTART.

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.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. PRIOR TO BURNING DIGESTER GAS IN THIS EQUIPMENT, THE DIGESTER GAS SHALL FIRST BE TREATED THROUGH A PERMITTED KNOCKOUT VESSEL/GAS-LIQUID SEPARATOR WITH A DEMISTER OR EQUIVALENT RATED AT 98% (MIN) PM10 REMOVAL.
[RULE 1303(a)(1)-BACT]
4. THIS EQUIPMENT SHALL BE OPERATED AND MAINTAINED BY PERSONNEL PROPERLY TRAINED IN ITS OPERATION.
[RULE 204]
5. AT LEAST TWO (2) SAMPLING PORTS SHALL BE PROVIDED IN THE FLARE STACK AT LEAST ONE-HALF DUCT DIAMETER UPSTREAM OF THE FLARE OUTLET, 90 DEGREES APART. EACH SAMPLING PORT SHALL CONSIST OF A FOUR-INCH COUPLING WITH PLUG. ALL PORTS SHALL BE PROPERLY CENTERED. AN EQUIVALENT METHOD OF EMISSION SAMPLING MAY BE USED UPON APPROVAL BY THE EXECUTIVE OFFICER. ADEQUATE AND SAFE ACCESS TO ALL SOURCE TEST PORTS SHALL BE PROVIDED WITHIN 48 HOURS NOTICE BY SCAQMD.
[RULE 217]
6. A SAMPLING PORT SHALL BE INSTALLED AT THE INLET GAS LINE TO THE FLARE TO ALLOW THE COLLECTION OF A DIGESTER GAS SAMPLE.
[RULE 217]

FACILITY PERMIT TO OPERATE EASTERN MUNICIPAL WATER DISTRICT

7. THE FLARE SHALL BE EQUIPPED WITH AT LEAST ONE TEMPERATURE INDICATOR AND A RECORDING DEVICE WHICH MEASURES AND RECORDS THE GAS TEMPERATURE IN THE FLARE STACK. THE TEMPERATURE INDICATOR AND RECORDING DEVICE SHALL OPERATE WHENEVER THE FLARE IS IN OPERATION. THE TEMPERATURE SHALL BE MEASURED AT A LOCATION WITHIN 28 INCHES OF THE MESH BURNER.
[RULE 1303(a)(1)-BACT, RULE 3004(a)(4)]
8. WHENEVER THE FLARE IS IN OPERATION, A TEMPERATURE OF NOT LESS THAN 1600 DEGREES FAHRENHEIT AS MEASURED BY AN APPROVED TEMPERATURE INDICATOR SHALL BE MAINTAINED IN THE FLARE STACK, EXCEPT FOR 30 MINUTES DURING START UP AND SHUT DOWN.
[RULE 1303(a)(1)-BACT, RULE 3004(a)(4)]
9. THE FLARE SHALL BE EQUIPPED WITH AN AUTOMATIC SHUT-DOWN SYSTEM WITH A FAILURE ALARM, WHICH HAS BEEN APPROVED BY THE SCAQMD, TO AUTOMATICALLY ISOLATE THE FLARE FROM THE DIGESTER GAS SUPPLY LINE, SHUT OFF THE BLOWER AND IMMEDIATELY NOTIFY A RESPONSIBLE PARTY OF THE SHUT-DOWN.
[RULE 204, RULE 1303(a)(1)-BACT]
10. THE AUTOMATIC SHUT-DOWN SAFETY SYSTEM SHALL BE TESTED MONTHLY FOR PROPER OPERATION AND THE RESULTS RECORDED.
[RULE 204, RULE 1303(a)(1)-BACT]
11. A NON-RESETTABLE, TOTALIZING FLOW AND TIME METER INDICATING AND RECORDING DEVICE SHALL BE INSTALLED IN THE DIGESTER GAS SUPPLY LINE TO THE FLARE TO MEASURE AND RECORD THE QUANTITY OF DIGESTER GAS (IN SCFM) BEING BURNED IN THE FLARE.
[RULE 431.1, RULE 1303(a)(1)-BACT]
12. THE TOTAL VOLUME OF DIGESTER GAS BURNED IN THE FLARE SHALL NOT EXCEED 333 STANDARD CUBIC FEET PER MINUTE.
[RULE 1303(b)(2)-Offsets]
13. THE HEAT INPUT THROUGH THE FLARE SHALL NOT EXCEED 12 MILLION BTU'S PER HOUR.
[RULE 1303(b)(2)-Offsets]
14. WEEKLY READINGS OF BTU CONTENT OF THE GAS AT THE INLET TO THE FLARE SHALL BE TAKEN USING AN INSTRUMENT APPROVED BY THE SCAQMD. ALL RESULTS SHALL BE RECORDED.
[RULE 1303(b)(2)-Offsets]
15. ALL DIGESTER GAS COLLECTED SHALL BE DIRECTED EITHER TO THE FLARE FOR COMBUSTION OR TO A TREATMENT SYSTEM WHICH HAS A VALID PERMIT TO CONSTRUCT OR OPERATE, AS APPLICABLE FROM THE SCAQMD.
[RULE 204]
16. ALL RECORDING DEVICES SHALL BE SYNCHRONIZED WITH RESPECT TO THE TIME OF DAY.
[RULE 204]

FACILITY PERMIT TO OPERATE EASTERN MUNICIPAL WATER DISTRICT

17. THE FLARE SHALL BE DESIGNED AND OPERATED SO THAT THE FLAME IN THE FLARE REMAINS BELOW THE HEIGHT OF THE FLARES OPERATING THERMOCOUPLE AT ALL TIMES.
[RULE 204]
18. OPERATION OF THIS EQUIPMENT SHALL NOT RESULT IN THE RELEASE OF ANY RAW DIGESTER GAS INTO THE ATMOSPHERE. ANY BREAKDOWN OR MALFUNCTION WHICH RESULTS IN EMISSION OF RAW DIGESTER GAS SHALL BE REPORTED TO THE SCAQMD COMPLIANCE MANAGER FOR WASTE MANAGEMENT FACILITIES WITHIN ONE HOUR AFTER OCCURRENCE AND IMMEDIATE REMEDIAL MEASURE SHALL BE UNDER TAKEN TO CORRECT THE PROBLEM AND PREVENT FURTHER EMISSIONS INTO THE ATMOSPHERE.
[RULE 402, RULE 1303(a)(1)-BACT]
19. WITHIN 180 DAYS OF INITIAL START-UP UNLESS OTHERWISE APPROVED BY THE EXECUTIVE OFFICER, THE APPLICANT SHALL CONDUCT PERFORMANCE TESTS IN ACCORDANCE WITH SCAQMD APPROVED TEST PROCEDURES AND FURNISH THE SCAQMD WRITTEN RESULTS OF SUCH PERFORMANCE TESTS WITHIN THIRTY (30) DAYS AFTER TESTING. WRITTEN NOTICE OF THE TEST SHALL BE PROVIDED TO THE SCAQMD TEN (10) DAYS PRIOR TO THE TESTING SO THAT AN OBSERVER MAY BE PRESENT. ALL SOURCE TESTING AND ANALYTICAL METHODS SHALL BE SUBMITTED TO THE SCAQMD FOR APPROVAL AT LEAST SIXTY (60) DAYS PRIOR TO START OF TEST.

THE TEST SHALL INCLUDE, BUT MAY NOT BE LIMITED TO, A TEST OF THE INLET GAS TO THE FLARE AND THE FLARE EXHAUST FOR:

- A. METHANE.
- B. TOTAL NON-METHANE ORGANICS.
- C. OXIDES OF NITROGEN (EXHAUST ONLY)
- D. CARBON MONOXIDE (EXHAUST ONLY)
- E. TOTAL (PM10) PARTICULATES (EXHAUST ONLY)
- F. OXIDES OF SULFUR (EXHAUST ONLY)
- G. HYDROGEN SULFIDE (INLET ONLY)
- H. C1 THROUGH C3 SULFUR COMPOUNDS (SPECIATED)(INLET ONLY)
- I. CARBON DIOXIDE
- J. TOXIC AIR CONTAMINANTS INCLUDING, BUT NOT LIMITED TO ACROLEIN, BENZENE, BENZYL CHLORIDE, CARBON TETRACHLORIDE, CHLOROBENZENE, CHLOROFORM, 1,2-DIBROMOETHANE, DICHLOROBENZENE, 1,1-DICHLOROETHANE, 1,2-DICHLOROETHANE, FORMALDEHYDE, METHYLENE CHLORIDE, TETRACHLOROETHYLENE, TOLUENE, 1,1,1-TRICHLOROETHANE, TRICHLOROETHYLENE, VINYL CHLORIDE, AND XYLENE ISOMERS (EXHAUST ONLY)
- K. OXYGEN
- L. NITROGEN
- M. MOISTURE CONTENT
- N. TEMPERATURE
- O. BTU VALUE.

[RULE 1303(a)(1)-BACT, RULE 1303(b)(2)-Offsets, RULE 1401]

21. APPLICANT SHALL PERFORM A FULL RISK ASSESSMENT ON THE EMISSIONS FROM THE FLARE WITH NINETY (90) DAYS AFTER REQUEST FROM THE SCAQMD IF THE SOURCE TEST RESULTS SHOW THE EMISSIONS ARE GREATER THAN THAT CALCULATED UNDER THE PERMIT TO CONSTRUCT EVALUATION.

FACILITY PERMIT TO OPERATE EASTERN MUNICIPAL WATER DISTRICT

[RULE 1401]

22. ALL RECORDS SHALL BE KEPT FOR A PERIOD OF AT LEAST FIVE (5) YEARS AND SHALL BE MADE AVAILABLE TO SCAQMD PERSONNEL UPON REQUEST.
[RULE 204, Rule 3004(a)(4)]

Emissions and Requirements:

23. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS
PM: 0.1 GR/SCF, RULE 409
PM10: 0.0054 GR/DSCF, RULE 1303(a)(1)-BACT, RULE 1303(b)(2)-Offsets
NOX: 0.025 LB/MMBTU, RULE 1303(a)(1)-BACT, RULE 1303(b)(2)-Offsets
VOC: 0.038 LBS/MMBTU, RULE 1303(a)(1)-BACT, RULE 1303(b)(2)-Offsets
CO: 0.06 LBS/MMBTU, RULE 1303(a)(1)-BACT, RULE 1303(b)(2)-Offsets
CO: 2000 PPMV, RULE 407

FACILITY PERMIT TO OPERATE EASTERN MUNICIPAL WATER DISTRICT

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GRANTED AS OF: TBD
A/N 514066

Equipment Description:

ALTERATION OF APPLICATION NO. 466467, WASTEWATER TREATMENT PLANT, 25 MGD CAPACITY, CONSISTING OF THE FOLLOWING:

- I. CONVENTIONAL ACTIVATED SLUDGE PLANT NO. 1, 3 MGD CAPACITY, AEROBIC DIGESTION CONSISTING OF:
 1. LIFT STATION WITH ASSOCIATED PUMPS AND MOTORS.
 2. HEADWORKS WITH RAW SEWAGE PUMPING AND GRINDING SYSTEM, WET WELL AND ASSOCIATED PUMPS.
 3. GRIT REMOVAL CHAMBER, 14'-0" W. X 15'-0" L. X 13'-0" D., WITH A SCREW AUGER AND ASSOCIATED PUMPS.
 4. TWO PRIMARY CLARIFIERS, EACH 15'-0" W. X 65'-0" L. X 10'-0" D. WITH ASSOCIATED PUMPS.
 5. EQUALIZATION BASIN, 1 MILLION GALLON CAPACITY.
 6. TWO AERATION TANKS, EACH 30'-0" W. X 150'-0" L. X 15'-0" D.
 7. THREE SECONDARY CLARIFICATION TANKS, EACH 16'-0" W. X 84'-0" L. X 10'-0" D., WITH ASSOCIATED PUMPS.
 8. SECONDARY SLUDGE WET WELL, 15'-0" W. X 15'-0" L. 15'-0" D. WITH ASSOCIATED PUMPS.
 9. AEROBIC DIGESTER, 30'-0" W. X 150'-0" L. X 15'-0" D.
 10. SEPTAGE RECEIVING SYSTEM WITH A 20,000 GALLON HOLDING TANK.
 11. SLUDGE PUMPING STATION AND ASSOCIATED PUMPS.
 12. AQUA BELT AND POLYMER ADDITION STATION.
 13. TREATED EFFLUENT DISCHARGE SYSTEM WITH FIVE EVAPORATION PERCOLATION PONDS WITH A TOTAL STORAGE VOLUME OF 263 MILLION GALLONS.
 14. TERTIARY FILTER, 10'-0" W. X 20'-0" L.
 15. CHLORINE CONTACT BASIN, 86'-9" W. X 86'-9" L.
 16. TWELVE SLUDGE DRYING BEDS, EACH 100'-0" W. X 160'-0" L.

- II. CONVENTIONAL ACTIVATED SLUDGE PLANT NO. 2, 12 MGD CAPACITY, ANAEROBIC CONSISTING OF:
 1. INFLUENT PUMP STATION WITH ASSOCIATED PUMPS AND MOTORS.
 2. HEADWORKS BUILDING WITH BAR SCREENS, ASSOCIATED PUMPS AND CONVEYORS.
 3. GIRT CHAMBERS, THREE TANKS, EACH 18'-0" W. X 11'-4" D.
 4. PRIMARY INFLUENT SPLITTER BOX, 26'-7" W. X 16'-10" L. X 24'-3" D.
 5. THREE PRIMARY CLARIFIERS, EACH 100'-0" DIA. X 14'-0" D.
 6. PRIMARY EFFLUENT SPLITTER BOX, 29'0" W. X 20'-9" L. X 20'-3" D.
 7. BARDENPHO PROCESS AREA, SECONDARY TREATMENT CONSISTING OF:
 - A. FERMENTATION BASINS, EACH 170,000 GALLONS CAPACITY WITH ASSOCIATED MIXERS.
 - B. PRIMARY DENITRIFICATION BASIN, 1,100,000 GALLONS CAPACITY, WITH ASSOCIATED PUMPS AND BUBBLE AERATION SYSTEM.

FACILITY PERMIT TO OPERATE EASTERN MUNICIPAL WATER DISTRICT

- C. NITRIFICATION BASIN, 3,600,000 GALLONS CAPACITY WITH ASSOCIATED PUMPS AND BUBBLE AERATION SYSTEM.
 - D. TWO SECONDARY DENITRIFICATION BASINS, EACH 500,000 GALLONS WITH ASSOCIATED PUMPS AND BUBBLE AERATION SYSTEM.
 - E. ONE REAERATION BASIN, 140,000 GALLONS WITH ASSOCIATED AERATION BLOWER.
- 8. THREE SECONDARY CLARIFIERS, 125'-0" DIA. X 10'-0" D.
 - 9. RAS/WAS PUMP STATION WITH ASSOCIATED PUMPS AND GRINDERS.
 - 10. SLUDGE DEWATERING FACILITY WITH THREE BELT PRESSES, EACH 2 METERS, A 150 GALLON POLYMER STORAGE TANK, A 710 CUBIC FEET SLUDGE HOPPER WITH TRUCK LOADOUT, ASSOCIATED PUMPS AND CONVEYORS.
 - 11. ONE SLUDGE DRYING BED, 240'-0" W. X 625'-0" L. X 0'-8" D.
 - 12. ONE SEPTAGE RECEIVING SYSTEM.
- III. CONVENTIONAL ACTIVATED SLUDGE PLANT, NO. 3, 10 MGD, ANAEROBIC, CONSISTING OF:
- 1. AERATION BASIN, 189'-0" W. X 311'-0" L. X 15'-7" D.
 - 2. TWO SECONDARY CLARIFIERS, 125'-0" DIA. X 10'-0" D.
 - 3. STORAGE TANK, FERRIC CHLORIDE.
 - 4. ANAEROBIC DIGESTER, 35'-0" H. X 90'-0" D.
 - 5. STORAGE TANK, DIGESTER GAS, LOW PRESSURE, 7,500 CU. FT.,
 - 6. KNOCKOUT TANK.
 - 7. COMPRESSOR.
 - 8. SLUDGE STORAGE TANK, 1.29 MGAL.
- IV. TERTIARY TREATMENT PLANT, 22 MGD CAPACITY, CONSISTING OF:
- 1. TERTIARY INFLUENT PUMP STATION, 14'-2" W., X 14'-2" L.
 - 2. TWO FLOW EQUALIZATION BASINS, EACH 1,800,000 GALLONS CAPACITY WITH ASSOCIATED MIXERS/AERATORS.
 - 3. TWO FLOW EQUALIZATION BASINS, EACH 4,800,000 GALLONS CAPACITY WITH ASSOCIATED MIXERS/AERATORS.
 - 4. OUT-OF-COMPLIANCE POND, 12,300,000 GALLON CAPACITY.
 - 5. FLASH MIX PUMP STATION WITH A FLASH MIXING PUMP, CHLORINE, ALUM AND POLYMER INJECTION POINTS.
 - 6. FLOCCULATION BASIN, 45,000 GALLONS, CAPACITY.
 - 7. FLOCCULATION BASIN, 87,000 GALLONS, CAPACITY.
 - 8. TWO ALUM AND TWO POLYMER MIX FEED PUMPS.
 - 9. SIX TERTIARY FILTERS, EACH 200 SQUARE FEET, SAND BED TYPE.
 - 10. FIVE TERTIARY FILTERS, EACH 636 SQUARE FEET, ROTARY DISC CLOTH TYPE.
 - 11. FOUR CHLORINE CONTACT BASINS, 110'-0" L. (EA. PASS) X 11'-0" W. (EA. PASS) WITH FIVE PASSES, WITH ASSOCIATED PUMPS.
 - 12. CHLORINE INJECTION/SPLITTER BOX.
 - 13. SO₂ INJECTION BOX.
 - 14. EFFLUENT PUMPING STATION AND ASSOCIATED PUMPS.
 - 15. TREATED EFFLUENT DISCHARGE SYSTEM WITH FIVE EVAPORATION PERCOLATION PONDS WITH A TOTAL STORAGE VOLUME OF 263 MILLION GALLONS.
 - 16. LIQUID ALUM STORAGE TANK, 12'-0" DIA. X 24'-0" H., 18,000 GALLON CAPACITY.
 - 17. POLYMER SOLUTION STORAGE TANK, 8'-0" DIA. X 18'-0" H., 6,000 GALLON CAPACITY.
 - 18. POLYMER EMULSION STORAGE TANK, 3'-0" DIA. X 4'-0" H., 150 GALLON CAPACITY.
 - 19. SODIUM HYDROXIDE STORAGE TANK, 2210 GALLON CAPACITY WITH ASSOCIATED PUMPS.

FACILITY PERMIT TO OPERATE EASTERN MUNICIPAL WATER DISTRICT

BY THE ADDITION OF:

1. CENTRIFUGE, CENTRISYS, MODEL CS10-4.01. [II. CONVENTIONAL ACTIVATED SLUDGE PLANT NO. 2, ITEM NO. 10]
2. STORAGE TANK, FERRIC CHLORIDE. [III. CONVENTIONAL ACTIVATED SLUDGE PLANT NO. 3, ITEM NO. 3]
3. TWO ANAEROBIC DIGESTERS, 35'-0" H. X 90'-0" D. [III. CONVENTIONAL ACTIVATED SLUDGE PLANT NO. 3, ITEM NO. 4]
4. ONE ALUM AND ONE POLYMER MIX FEED PUMPS. [IV. TERTIARY TREATMENT PLANT, ITEM NO. 8]
5. ONE TERTIARY FILTER, 636 SQUARE FEET, ROTARY DISC CLOTH TYPE. [IV. TERTIARY TREATMENT PLANT, ITEM NO. 10]

BY THE REMOVAL OF:

1. TERTIARY FILTER, 10'-0" W. X 20'-0" L. [I. CONVENTIONAL ACTIVATED SLUDGE PLANT NO. 1, ITEM NO. 14]
2. FOUR SLUDGE DRYING BEDS, EACH 100'-0"W .X 160'-0" L. [I. CONVENTIONAL ACTIVATED SLUDGE PLANT NO. 1, ITEM NO. 16]

AND BY INCREASING THE TERTIARY TREATMENT PLANT [NO. IV] CAPACITY FROM 22 MGD TO 30 MGD.

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.
[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. THE MAXIMUM QUANTITY OF WASTEWATER TREATED BY THIS EQUIPMENT SHALL NOT EXCEED 25 MILLION GALLONS IN ANY ONE DAY, EXCEPT DURING WET WEATHER CONDITIONS.
[RULE 1303]
5. UNLESS IT IS VENTED TO AN AIR POLLUTION CONTROL DEVICE, THE PLANT NO. 1, INFLUENT WET WELL SHALL REMAIN SEALED EXCEPT DURING INSPECTION AND MAINTENANCE. THE OPERATOR SHALL KEEP RECORDS OF MAINTENANCE PERFORMED AT THE WET WELL.
[RULE 204, RULE 402]

FACILITY PERMIT TO OPERATE EASTERN MUNICIPAL WATER DISTRICT

6. IF THE PLANT NO. 1 INFLUENT WET WELL IS NOT VENTED TO AN AIR POLLUTION CONTROL DEVICE, THE FACILITY OPERATOR SHALL CONDUCT H₂S MONITORING, USING AN ITX MULTI-GAS MONITOR OR EQUIVALENT ELECTROCHEMICAL SENSOR ACCURATE TO 1 PPM, DURING THE INSPECTION AND MAINTENANCE OF THE WET WELL COMPARTMENT. THE MONITOR SHALL BE PROPERLY CALIBRATED BEFORE EACH DAILY USE. THE MONITORING SHALL BE CONDUCTED OUTSIDE THE WET WELL ENTRANCE DOOR AND THE AREA ABOVE THE WET WELL COMPARTMENT. RESULTS OF THE H₂S MONITORING SHALL BE RECORDED AT A MINIMUM OF 60 MINUTE INTERVALS.
[RULE 402]
7. WHENEVER THE H₂S CONCENTRATION MONITORED DURING THE INSPECTION AND MAINTENANCE OF THE PLANT NO. 1 INFLUENT WET WELL COMPARTMENT EXCEEDS DETECTION LIMITS OF THE H₂S MONITORING DEVICE RELATIVE TO BACKGROUND CONCENTRATIONS, THE WET WELL INSPECTION/MAINTENANCE EVENT SHALL BE DISCONTINUED AND THE WET WELL DOOR SHALL BE CLOSED.
[RULE 402]
8. THE TOTAL SULFUR COMPOUNDS OF THE FUEL GAS (LESS THAN NATURAL GAS) BURNED AT THIS FACILITY, CALCULATED AS HYDROGEN SULFIDE, SHALL NOT EXCEED 5 POUNDS PER DAY.
[RULE 431.1]
9. THE TOTAL SULFUR COMPOUNDS OF THE FUEL GAS (LESS THAN NATURAL GAS) BURNED AT THIS FACILITY, CALCULATED AS HYDROGEN SULFIDE, SHALL BE DETERMINED AT A FREQUENCY AND BY METHODS WHICH ARE APPROVED BY THE EXECUTIVE OFFICER.
[RULE 431.1]
10. A CONTINUOUS FLOW INDICATOR/TOTALIZING AND RECORDING SYSTEM SHALL BE INSTALLED AND MAINTAINED TO MEASURE AND RECORD THE DIGESTER GAS PRODUCED BY THE ANAEROBIC DIGESTION PROCESS.
[RULE 431.1]
11. ALL DIGESTER GAS PRODUCED BY THE ANAEROBIC DIGESTION PROCESS SHALL BE STORED, COMBUSTED, OR TREATED BY EQUIPMENT WHICH IS ADEQUATELY SIZED TO HANDLE THE TOTAL GAS FLOWS AND WHICH HAVE VALID PERMITS TO CONSTRUCT/OPERATE. RAW DIGESTER GAS SHALL NOT BE RELEASED TO THE ATMOSPHERE.
[RULE 204]
12. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS THE HEADWORKS, GRIT CHAMBERS, PRIMARY INFLUENT SPLITTER BOX, PRIMARY CLARIFIERS, PRIMARY SCUM PIT, PRIMARY EFFLUENT SPLITTER BOX, SLUDGE DEWATERING BUILDING, SEPTAGE RECEIVING STATION AND SCUM DECANT PUMP STATION ARE VENTED TO AN AIR POLLUTION CONTROL SYSTEM WHICH IS IN FULL USE AND HAS A VALID PERMIT TO OPERATE BY THE SCAQMD.
[RULE 204, RULE 402]

FACILITY PERMIT TO OPERATE EASTERN MUNICIPAL WATER DISTRICT

13. MODIFICATION/CONSTRUCTION OF THIS EQUIPMENT HAS BEEN ESTIMATED TO TAKE MORE THAN ONE YEAR. IF MORE THAN ONE YEAR IS NEEDED TO COMPLETE CONSTRUCTION, THE EMWD SHALL SUBMIT A WRITTEN REQUEST FOR AND OBTAIN AN EXTENSION OF TIME TO CONSTRUCT FROM THE EXECUTIVE OFFICER ON AN ANNUAL-BASIS UNTIL SUCH TIME AS CONSTRUCTION IS COMPLETED AND THE EQUIPMENT IS PLACED INTO OPERATION. WITH EACH AFOREMENTIONED WRITTEN REQUEST FOR EXTENSION, VERIFIABLE DATA SHALL BE SUBMITTED TO THE EXECUTIVE OFFICER THAT CONSTRUCTION PROGRESS HAS BEEN MADE.
[RULE 204]
14. WITHIN ONE YEAR OF COMPLETION OF CONSTRUCTION, EMWD SHALL SUBMIT AS-BUILT SPECIFICATION AND DRAWINGS.
[RULE 204]
15. DAILY RECORDS SHALL BE KEPT TO SHOW COMPLIANCE WITH THE ABOVE CONDITIONS FOR A PERIOD OF AT LEAST TWO YEARS AND SHALL BE MADE AVAILABLE TO AQMD PERSONNEL UPON REQUEST.
[RULE 204]

Periodic Monitoring:

16. THE FACILITY OWNER OR OPERATOR SHALL MEASURE AND RECORD THE QUANTITY OF WASTEWATER TREATED BY THIS EQUIPMENT.
[RULE 1303, RULE 3004(a)(4)]