FACILITY PERMIT TO OPERATE

INLAND EMPIRE REGIONAL COMPOSTING AUTHOR
12645 SIXTH ST
RANCHO CUCAMONGA, CA 91739

NOTICE

IN ACCORDANCE WITH RULE 206, THIS PERMIT TO OPERATE OR A COPY THEREOF MUST BE KEPT AT THE LOCATION FOR WHICH IT IS ISSUED.

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 SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT. THIS PERMIT SHALL NOT BE CONSTRUED AS PERMISSION TO VIOLATE EXISTING LAWS, ORDINANCES, REGULATIONS OR STATUTES OF ANY OTHER FEDERAL, STATE OR LOCAL GOVERNMENTAL AGENCIES.

Barry R. Wallerstein, D. Env.
EXECUTIVE OFFICER

By FOR
Mohsen Nazemi, P.E.
Deputy Executive Officer
Engineering & Compliance

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Facility Equipment and Requirements
(Section D)

This section consists of a table listing all permitted equipment at the facility, facility wide requirements, copies of all individual Permits to Operate issued to various equipment at the facility, and Rule 219-exempt equipment subject to source-specific requirements. Each permit and Rule 219-exempt equipment will list operating conditions, including periodic monitoring requirements, and applicable emission limits and requirements that the equipment is subject to. Also included are the rule origin and authority of each emission limit and permit condition.

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PERMITTED EQUIPMENT LIST

THE FOLLOWING IS A LIST OF ALL PERMITS TO OPERATE AT THIS FACILITY:

Application number	Permit Number	Equipment description	Page No.
482530	G10583	ENCLOSED CO-COMPOSTING	4
505862	G24445	BIOFILTER	7

NOTE: EQUIPMENT LISTED ABOVE ARE ISSUED PERMITS TO OPERATE. THE ISSUANCE OR DENIAL OF THEIR PERMITS TO OPERATE IS SUBJECT TO ENGINEERING FINAL REVIEW. ANY OTHER APPLICATIONS THAT ARE STILL BEING PROCESSED AND HAVE NOT BEEN ISSUED PERMITS TO CONSTRUCT OR PERMITS TO OPERATE WILL NOT BE FOUND IN THIS TITLE V PERMIT.

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FACILITY WIDE CONDITION(S)

Condition(s):

1. EXCEPT FOR OPEN ABRASIVE BLASTING OPERATIONS, THE OPERATOR SHALL NOT DISCHARGE INTO THE ATMOSPHERE FROM ANY SINGLE SOURCE OF EMISSIONS WHATSOEVER ANY AIR CONTAMINANT FOR A PERIOD OR PERIODS AGGREGATING MORE THAN THREE MINUTES IN ANY ONE HOUR WHICH IS:

   A. AS DARK OR DARKER IN SHADE AS THAT DESIGNATED NO. 1 ON THE RINGLEMANN CHART, AS PUBLISHED BY THE UNITED STATES BUREAU OF MINES; OR

   B. OF SUCH OPACITY AS TO OBSCURE AN OBSERVER'S VIEW TO A DEGREE EQUAL TO OR GREATER THAN DOES SMOKE DESCRIBED IN SUBPARAGRAPH (A) OF THIS CONDITION.

   [RULE 401]

2. THE OPERATOR SHALL DEMONSTRATE ON A MONTHLY BASIS THAT AT LEAST 13% OF CO-COMPOSTING PLANT THROUGHPUT IS CONTRIBUTED FROM INLAND EMPIRE UTILITIES AGENCY REGIONAL PLANT 4 (IEUA RP-4). MONITORING RECORDS SHALL BE KEPT AND MAINTAINED ON FILE.
   [RULE 204, RULE 1303(b)(1)]

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PERMIT TO OPERATE

Permit No. G10583
A/N 482530

Equipment Description:

CO-COMPOSTING FACILITY, WITHIN THE CONFINES OF AN ENCLOSURE, TOTAL 209,625 WET TONS PER YEAR BIOSOLIDS AND AMENDMENT THROUGHPUT (EXCLUDING RECYCLED MATERIAL), CONSISTING OF:

A. RECEIVING / MIXING AREA:

1. THREE (3) LIVE BOTTOM HOPPERS, BIOSOLIDS, EACH 70 CUBIC YARDS PER HOUR CAPACITY, AND ELECTRICALLY POWERED.

2. TWO (2) LIVE BOTTOM HOPPERS, AMENDMENT, EACH 200 CUBIC YARDS PER HOUR CAPACITY, AND ELECTRICALLY POWERED.

3. TWO (2) PUGMILL MIXERS, CONTINUOUS FEED TYPE, AND ELECTRICALLY POWERED.

4. ASSOCIATED CONVEYOR BELTS, COVERED, FOR AMENDMENT, AMENDMENT/BIOSOLIDS AND FEEDSTOCK MATERIAL, AND ELECTRICALLY POWERED.

5. SIXTEEN (16) MOTORIZE LOUVERS AND FOUR (4) HIGH SPEED ROLLUP DOORS WITH AIR CURTAINS ALLOWING INCOMING FRESH AIR.

B. COMPOSTING AREA:

1. TRANSFER CONVEYORS, ELECTRICALLY POWERED, FOR PUGMILL DISCHARGE FEED STOCK TO COMPOSTING AREA.

2. AERATED STATIC PILES (ASP), WITH AERATION PIPING SYSTEM LOCATED BENEATH THE FLOOR.

3. EXHAUST SYSTEM WITH ASSOCIATED FANS, WITH A MAXIMUM AIR FLOW OF 537,000 CFM.

C. SCREENING AREA:

1. TRANSFER CONVEYORS, ELECTRICALLY POWERED.

2. TWO (2) TROMMEL SCREENS, ROTATING DRUM TYPE, EACH 400 CUBIC YARDS PER HOUR CAPACITY, AND ELECTRICALLY POWERED.

3. TRANSFER CONVEYORS, ELECTRICALLY POWERED, LARGE FRACTION (BULKING AGENT TO BE RECYCLED TO RECEIVING/MIXING) AND SMALLER FRACTION (COMPOST FOR CURING).

4. TWO (2) LOUVER PENTHOUSE, EACH CONTAINING FOUR (4) LOUVERS ALLOWING INCOMING FRESH AIR.

D. CURING AREA:

1. TRANSFER CONVEYORS, ELECTRICALLY POWERED, SCREENING AREA MATERIAL.

2. AERATED STATIC PILES (ASP), WITH AERATION PIPING SYSTEM LOCATED BENEATH THE FLOOR, 39,900 CFM.

3. TRANSFER CONVEYORS, ELECTRICALLY POWERED, PRODUCT TO STORAGE AND SHIPPING AREA.

4. ASSOCIATED FANS PROVIDING A MAXIMUM OF 154,000 CFM OF AIR.

E. PRODUCT STORAGE AND LOADOUT AREA:

1) PRODUCT TRANSFER CONVEYORS, ELECTRICALLY POWERED.

2) TEN (10) LOUVERS AND TWO (2) HIGH SPEED ROLLUP DOORS WITH AIR CURTAINS, AND LOUVERS ALLOWING INCOMING FRESH AIR.

F. EXHAUST SYSTEM VENTING THE ENTIRE ENCLOSED CO-COMPOSTING FACILITY (SECTIONS A THROUGH E), 813,200 CFM TO A BIOFILTER SYSTEM.

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. THE TOTAL AMOUNT OF BIOSOLIDS AND AMENDMENT THROUGHPUT, PROCESSED THROUGH THIS ENCLOSED FACILITY, SHALL NOT EXCEED 209,625 WET TONS, EXCLUDING RECYCLED AMENDMENT, PER YEAR (17,715 WET TONS PER MONTH, AVERAGED ON A 30-DAY CALENDAR MONTH). RECORDS FOR THE BIOSOLIDS AND AMENDMENT DAILY THROUGHPUT RATES SHALL BE KEPT AND MAINTAINED ON FILE.
[RULE 1303(b)(2)-Offsets]

4. CO-COMPOSTING (BIOSOLIDS AND AMENDMENT) AND CURING PROCESS AND AERATED STATIC PILES (INCLUDING ALL AREAS DESCRIBED UNDER EQUIPMENT DESCRIPTION) SHALL NOT BE OPERATED UNLESS THE EXHAUST FROM SUCH AREAS IS VENTED TO AN AIR POLLUTION CONTROL SYSTEM THAT IS OPERATING AND HAS A VALID PERMIT TO CONSTRUCT AND OPERATE ISSUED BY THE SCAQMD.
[RULE 1133.2, RULE 1303(a)(1)-BACT]

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5. BIOSOLIDS AND AMENDMENT MATERIAL HANDLED, STORED AND IN PROCESS, INCLUDING FINISHED PRODUCT SHALL BE KEPT SUFFICIENTLY MOIST TO PREVENT EXCESSIVE DUST EMISSIONS.
[RULE 204, RULE 403]

6. CO-COMPOSTING AND CURING OPERATIONS SHALL BE OPERATED IN COMPLIANCE WITH THE RULE 1133.2(d)(1) REQUIREMENTS. THE ENCLOSURE OPENINGS (AMBIENT AIR) SHALL BE MONITORED DAILY FOR AMMONIA OR HYDROCARBON. MONITORING RESULTS SHALL BE RECORDED.
[RULE 1133.2]

7. THE FRONT END LOADER(S) AND OTHER IN-PLANT VEHICLES, ASSOCIATED WITH THE CO-COMPOSTING OPERATIONS AT THIS FACILITY, SHALL BE REGISTERED FOR OPERATION ON PUBLIC ROADS AND HIGHWAYS WITH THE CALIFORNIA DEPARTMENT OF MOTOR VEHICLES (DMV). A LICENSE PLATE OR OTHER DOCUMENTATION SHALL BE PERMANENTLY PLACED ON EACH OF THE FRONT END LOADER(S) TO INDICATE A CURRENT DMV REGISTRATION.
[RULE 1303(b)(2)-Offsets]

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PERMIT TO OPERATE

Permit No. G24445
A/N 505862

Equipment Description:

AIR POLLUTION CONTROL SYSTEM, TREATING FOUL AIR FROM CO-COMPOSTING PROCESS AREAS, CONSISTING OF:

1. BAGHOUSE, DONALDSON TORIT DOWNFLO D04-96, SYNTHETIC MEDIA FIBERGLASS WITH CELLULOSE SUBSTRATE, CARTRIDGE TYPE, 18,240 SQ. FT TOTAL FILTER SURFACE AREA, INSIDE CO-COMPOSTING BUILDING, 102,600 CFM.

2. HUMIDIFICATION SYSTEM, UNDERGROUND, 12' DIA. X 25' L. DUCT, REINFORCED CONCRETE, WITH HIGH PRESSURE WATER SPRAY NOZZLES AND ASSOCIATED PUMPS.

3. BIOFILTER, CUSTOM MADE, CONTAINING 12 CELLS, EACH CELL 85' - 10" W. X 130' - 6" L., WITH APPROXIMATELY 6' TO 8' DEEP BIOFILTER MEDIA LAYER. RESTING ON BAC TEE PLENUM PLATES AND TRENCH COVER, WITH AIR DISTRIBUTION AND INCOMING FOUL AIR DUCTS, AND SURFACE IRRIGATION SYSTEM WITH ROTORY SPRINKLERS.

4. EXHAUST SYSTEM WITH A MAXIMUM OF 813,200 CUBIC FEET PER MINUTE AIR FLOW RATE, SERVING THE ENCLOSED CO-COMPOSTING PROCESS AREAS.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT TO CONSTRUCT 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 BAGHOUSE SHALL BE IN OPERATION DURING COMPOST SCREENING TO CAPTURE PARTICULATE MATTER (PM) EMISSIONS, AND ITS EXHAUST SHALL BE VENTED TO THE COMPOSTING AREA AS MAKE-UP AIR.
[RULE 402, RULE 404]

5. THE OPERATOR SHALL INSTALL AND MAINTAIN A DIFFERENTIAL PRESSURE GAUGE TO ACCURATELY INDICATE THE DIFFERENTIAL PRESSURE ACROSS THE BAGS. THE OPERATOR SHALL DETERMINE AND RECORD THE PARAMETER BEING MONITORED ONCE EVERY WEEK.
[RULE 204]

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6. DUST FROM THE BAGHOUSE SHALL BE COLLECTED IN A CONTAINER AND SHALL BE COVERED BEFORE LEAVING THE BUILDING.
[RULE 204, RULE 403]

7. A CONTINUOUS FLOW INDICATOR SHALL BE INSTALLED AND MAINTAINED AT THE HEADER TO THE BIOFILTER TO INDICATE THE FLOW RATE IN STANDARD CUBIC FEET PER MINUTE (SCFM). IN CASE A PRESSURE SENSOR DEVICE IS USED IN PLACE OF THE FLOW INDICATOR, A CONVERSION CHART SHALL BE POSTED ON THE EQUIPMENT TO INDICATE THE FLOW RATE (IN SCFM) CORRESPONDING TO THE PRESSURE READING. THE FLOW RATE AT THE INLET TO THE BIOFILTER SHALL BE MEASURED AND RECORDED AT LEAST TWICE EACH OPERATING DAY, ONCE DURING THE DAYTIME AND ONCE DURING THE NIGHTTIME. A DEVIATION SHALL BE DEFINED AS WHEN EITHER THE AVERAGE MONTHLY DAYTIME INLET AIRFLOW TO THE BIOFILTER EXCEEDS 700,000 SCFM OR THE AVERAGE MONTHLY NIGHTTIME INLET AIRFLOW TO THE BIOFILTER EXCEEDS 300,000 SCFM
[RULE 204, 40CFR64]

8. A TEMPERATURE INDICATOR SHALL BE INSTALLED AND MAINTAINED AT THE HEADER TO THE BIOFILTER. THE FOUL AIR TEMPERATURE SHALL BE INDICATED AND RECORDED DAILY. A DEVIATION SHALL BE DEFINED AS WHEN THE TEMPERATURE OF THE INCOMING FOUL AIR PRIOR TO THE BIOFILTER EXCEEDS 122 DEGREES FAHRENHEIT, UNLESS APPROVED OTHERWISE BY THE EXECUTIVE OFFICER.
[RULE 204, RULE 3004(a)(4), 40CFR64]

9. THE OWNER OR OPERATOR SHALL MEASURE THE AIRFLOW TO EACH CELL OF THE BIOFILTER USING A FLOW MEASURING INDICATOR AT THE CELL INLET QUARTERLY. A DEVIATION SHALL BE DEFINED AS WHEN THE CELL INLET AIRFLOW IS GREATER THAN 20% FROM AVERAGE. WHEN A DEVIATION OCCURS THE AIRFLOW TO EACH CELL OF THE BIOFILTER SHALL BE MEASURED DAILY, UNTIL THE CELL INLET AIRFLOW IS LESS THAN 20% FROM THE AVERAGE.
[RULE 204, 40CFR64]

10. THE TEMPERATURE OF THE BIOFILTER MEDIA SHALL BE MEASURED AT A MINIMUM OF 12 LOCATIONS, RECORDED DAILY. A DEVIATION SHALL BE DEFINED AS WHEN THE TEMPERATURE OF THE BIOFILTER MEDIA EXCEEDS 125 DEGREES FAHRENHEIT, UNLESS APPROVED OTHERWISE BY THE EXECUTIVE OFFICER.
[RULE 204, RULE 3004(a)(4), 40CFR64]

11. THE MOISTURE CONTENT OF THE BIOFILTER MEDIA SHALL BE MEASURED USING A MOISTURE SENSOR AT A MINIMUM OF 12 LOCATIONS AND RECORDED ONCE EVERY WEEK AND SHALL BE DETERMINED ONCE EACH MONTH USING AN ALTERNATIVE METHOD APPROVED BY THE EXECUTIVE OFFICER. THE MOISTURE SENSOR SHALL BE CALIBRATED ONCE EVERY WEEK WITH EACH MONITORING VISIT. A DEVIATION SHALL BE DEFINED AS WHEN THE MOISTURE CONTENT OF THE BIOFILTER MEDIA IS LESS THAN 40%.
[RULE 204, 40CFR64]

12. THE OWNER OR OPERATOR SHALL CONDUCT DAILY INSPECTIONS TO MAKE SURE THAT THE BIOFILTER SURFACE IRRIGATION SPRINKLERS, INCLUDING WATER SUPPLY PUMPS, ARE OPERATING SATISFACTORILY. A DEVIATION SHALL BE DEFINED AS WHEN THE COVERAGE AREA OF THE SPRINKLERS IS LESS THAN 100%. RECORDS OF SURFACE MONITORING, INCLUDING CORRECTIVE DAILY ACTIONS, IF NECESSARY, SHALL BE MAINTAINED.
[RULE 204, RULE 3004(a)(4), 40CFR64]

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13. THE OWNER OR OPERATOR SHALL CONDUCT DAILY INSPECTIONS TO MAKE SURE THAT THE BIOFILTER SURFACE DOES NOT CONTAIN APERTURES OR EXCESSIVE VEGETATION.
[RULE 204, RULE 3004(a)(4)]

14. SMOKE TESTS SHALL BE CONDUCTED ANNUALLY TO DEMONSTRATE UNIFORM DISTRIBUTION OF AIR FLOWS THROUGH THE BIOFILTER SYSTEM, AND AREAS OF COMPACTION, AND/OR CHANNELING, THAT NEEDS REPAIR.
[RULE 204]

15. THE OWNER OR OPERATOR SHALL MEASURE AND RECORD THE AMMONIA CONCENTRATION ONCE EVERY WEEK AT A MINIMUM OF 12 LOCATIONS ON THE SURFACE OF THE BIOFILTER. A DEVIATION SHALL BE DEFINED WHEN THE AMMONIA CONCENTRATION EXCEEDS 1.15 PPM AVERAGED DURING THE DAYTIME AND 2.68 PPM AVERAGED DURING THE NIGHTTIME.
[RULE 204, 40CFR64]

16. OWNER OR OPERATOR SHALL CONDUCT SURVEYS IN THE AREAS IMMEDIATELY ADJACENT TO THE FACILITY TO DOCUMENT ODOR INTENSITY PURSUANT TO SCAQMD'S ODOR CLASSIFICATION CHART, ODOR SOURCE (IF IDENTIFIABLE) AND ACTIONS TAKEN TO IDENTIFY THE ODOR, AND ACTIONS TAKEN TO MITIGATE THE ODOR, IF NECESSARY. ODOR SURVEYS SHALL BE CONDUCTED DURING REGULAR WORKING HOURS MONTHLY BY QUALIFIED PERSONNEL. AN ODOR SURVEY SHALL BE CONDUCTED IMMEDIATELY WHEN AN ODOR COMPLIANT IS RECEIVED.
[RULE 402]

17. THE OWNER OR OPERATOR SHALL MEASURE AND RECORD THE HYDROGEN SULFIDE (H2S) CONCENTRATION ON OR BEFORE MAY 20, 2013 AND EVERY TWO YEARS THEREAFTER USING A JEROME METER OR OTHER AQMD APPROVED DEVICE AT A MINIMUM OF 12 LOCATIONS, AT THE DOWNWIND PROPERTY BOUNDARY. THE MEASUREMENT AT THE PROPERTY BOUNDARY SHALL NOT EXCEED 0.030 PPMV OR ANY REVISED STATE AMBIENT AIR QUALITY STANDARDS WHICH MAY BECOME EFFECTIVE DURING THE OPERATION OF THE FACILITY.
[RULE 402, 40CFR64]

18. ALL DEVIATIONS SHALL BE REPORTED TO THE SCAQMD ON A SEMI-ANNUAL BASIS PURSUANT TO THE REQUIREMENTS SPECIFIED IN 40 CFR PART 64.9 AND CONDITION NOS. 22 AND 23 IN SECTION K. OF THIS PERMIT.
[RULE 3004(a)(4), 40CFR64]

19. A SEMI-ANNUAL MONITORING REPORT SHALL BE SUBMITTED TO SCAQMD, WHICH SHALL INCLUDE BUT MAY NOT BE LIMITED TO THE TOTAL OPERATING TIME OF THIS EQUIPMENT AND THE TOTAL ACCUMULATED DURATION OF ALL DEVIATIONS FOR EACH SEMI-ANNUAL REPORTING PERIOD.
[40CFR64]

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20. THE OWNER OR OPERATOR SHALL SUBMIT AN APPLICATION WITH A QUALITY IMPROVEMENT PLAN (QIP) IN ACCORDANCE WITH 40 CFR PART 64.8 TO SCAQMD IF AN ACCUMULATION OF DEVIATIONS FOR PARAMETERS MONITORED EXCEEDS 5% DURATION OF THIS EQUIPMENT'S TOTAL OPERATING TIME FOR ANY SEMI-ANNUAL REPORTING PERIOD SPECIFIED IN CONDITION NO. 23 IN SECTION K OF THIS PERMIT. THE REQUIRED QIP SHALL BE SUBMITTED TO THE SCAQMD WITHIN 90 CALENDAR DAYS AFTER THE DUE DATE OF THE SEMI-ANNUAL MONITORING REPORT.
[RULE 3004(a)(4), 40CFR64]

21. THE OWNER OR OPERATOR OF THE EQUIPMENT SHALL CONDUCT SOURCE PERFORMANCE TESTS ON OR BEFORE MAY 20, 2013 AND EVERY TWO YEARS THEREAFTER UNDER THE FOLLOWING CONDITIONS:

    A. THE TESTS SHALL BE CONDUCTED AT 80% OR GREATER CO-COMPOSTING DESIGN THROUGHPUT RATES.

    B. THE TESTS SHALL DETERMINE COMPLIANCE WITH RULE 1133.2(d)(1)(A) AND THE CONTROL EFFICIENCY OF THE BIOFILTER SYSTEM, IN WEIGHT PERCENT, FOR AMMONIA AND TOTAL NON METHANE ORGANIC COMPOUNDS (TNMOC), CONCENTRATIONS FOR AMMONIA AND TNMOC (SPECIATED ANALYSIS), IN PPMV, AND THE EMISSIONS TO ATMOSPHERE (LBS/HR) FOR AMMONIA AND TNMOC.

    C. A TEST PROTOCOL SHALL BE SUBMITTED TO AQMD (PER RULE 1133.2 (g) GUIDELINE AND ATTACHMENT A) NO LATER THAN 45 DAYS BEFORE THE PROPOSED TEST DATE AND SHALL BE APPROVED BY THE EXECUTIVE OFFICER BEFORE THE TEST COMMENCES. AT A MINIMUM, THE TEST PROTOCOL SHOULD INCLUDE THE FOLLOWING:

        I. A DESCRIPTION OF THE EQUIPMENT TESTED. INCLUDE A PROCESS SCHEMATIC INDICATING SAMPLING LOCATIONS/PORTS, SAMPLING DUCT/STACK DIMENSIONS ALONG WITH UPSTREAM AND DOWNSTREAM FLOW DISTURBANCES (E.G. ELBOWS, TEES AND FANS).

        II. A BRIEF PROCESS DESCRIPTION.

        III. OPERATING CONDITIONS UNDER WHICH THE TEST WILL BE PERFORMED, INCLUDING FLOW RATE, TEMPERATURE, PRESSURE, AND THROUGHPUT.

        IV. A DESCRIPTION OF THE SAMPLING AND ANALYTICAL METHODS FOR EACH CONSTITUENT MEASURED.

        V. COMPLETE CALCULATIONS FOR FLOW RATES, CONCENTRATIONS, EMISSION RATES AND EFFICIENCIES.

        VI. A DESCRIPTION OF THE CALIBRATION AND QUALITY ASSURANCE PROCEDURES.

        VII. SAMPLING FACILITIES SHALL COMPLY WITH THE DISTRICT GUIDELINES FOR CONSTRUCTION OF SAMPLING AND TESTING FACILITIES, PURSUANT TO RULE 217.

VIII. A STATEMENT DETERMINING THAT THE TESTING LABORATORY QUALIFIES AS AN "INDEPENDENT TESTING LABORATORY" UNDER RULE 304 (NO CONFLICT OF INTEREST) AND SIGNED BY THE RESPONSIBLE AUTHORITY.
[RULE 217, RULE 304, RULE 1133.2, RULE 1303(a)(1)-BACT, RULE 1303(b)(2)-Offsets, RULE 1401, 40CFR64]

23. MONTHLY MAXIMUM EMISSIONS FROM THE BIOFILTER SHALL NOT EXCEED 1584 LBS OF AMMONIA AND 5052 LBS OF VOLATILE ORGANIC COMPOUNDS (VOC).
[RULE 1303(a)(1)-BACT, RULE 1303(b)(2)-Offsets]

24. THE BIOFILTER SYSTEM CONTROL EFFICIENCY, IN WEIGHT PERCENT FOR AMMONIA AND VOLATILE ORGANIC COMPOUNDS (VOC), SHALL BE DEMONSTRATED BY CONDUCTING A SOURCE TEST.
[RULE 1133.2]

25. THE BIOFILTER SHALL HAVE A MINIMUM CONTROL EFFICIENCY, OF 80 PERCENT OR GREATER, BY WEIGHT, FOR VOC AND AMMONIA.
[RULE 1133.2]

26. THE OPERATOR SHALL KEEP ADEQUATE RECORDS IN A FORMAT THAT IS ACCEPTABLE TO THE SCAQMD TO DEMONSTRATE COMPLIANCE WITH ALL APPLICABLE REQUIREMENTS SPECIFIED IN THIS PERMIT AND 40 CFR PART 64.9 FOR A MINIMUM OF FIVE YEARS.
[RULE 3004(a)(4), 40CFR64]

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RULE 219 EQUIPMENT

Equipment Description:

RULE 219 EXEMPT EQUIPMENT, PUMP ENGINE, < 50 HP.

Emissions and Requirements:

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

   PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS

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RULE 219 EQUIPMENT

Equipment Description:

RULE 219 EXEMPT EQUIPMENT, COATING EQUIPMENT, PORTABLE, ARCHITECTURAL COATINGS.

Periodic Monitoring:

1. THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):

   FOR ARCHITECTURAL APPLICATIONS WHERE NO THINNERS, REDUCERS, OR OTHER VOC CONTAINING MATERIALS ARE ADDED, MAINTAIN SEMI-ANNUAL RECORDS OF ALL COATINGS CONSISTING OF (a) COATING TYPE, (b) VOC CONTENT AS SUPPLIED IN GRAMS PER LITER (g/l) OF MATERIALS FOR LOW-SOLIDS COATING, (c) VOC CONTENT AS SUPPLIED IN g/l OF COATING, LESS WATER AND EXEMPT SOLVENT, FOR OTHER COATING.

   FOR OTHER ARCHITECTURAL APPLICATIONS WHERE THINNERS, REDUCERS, OR OTHER VOC CONTAINING MATERIALS ARE ADDED, MAINTAIN DAILY RECORDS OF ALL COATING CONSISTING OF (a) COATING TYPE, (b) VOC CONTENT AS APPLIED IN GRAMS PER LITER (g/l) OF MATERIALS USED FOR LOW-SOLIDS COATING, (c) VOC CONTENT AS APPLIED IN g/l OF COATING, LESS WATER AND EXEMPT SOLVENT, FOR OTHER COATING.

Equipment and Requirements:

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

   VOC: RULE 1113, SEE APPENDIX B FOR EMISSION LIMITS.
   VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS.

Section H: Permit to Construct and Temporary Permit to Operate

NONE