South Coast
Air Quality Management District
21865 Copley Drive, Diamond Bar, CA 91765-4178
(909) 396-2000 • www.aqmd.gov

December 12, 2012

Mr. Gerardo Rios
Chief, Permits Office
U.S. EPA, Region IX
75 Hawthorne Street
San Francisco, CA 94105-3901

SUBJECT: Martin Luther King Jr./Multi-Service Ambulatory Care Center
Facility ID No. 2619,
Facility Location: 12021 S. Wilmington Ave., Los Angeles, CA 90059

Dear Mr. Rios:

The South Coast Air Quality Management District (AQMD) has received and reviewed permit applications for the subject hospital project. Martin Luther King Jr./Multi-Service Ambulatory Care Center is proposing to add four thermal fluid heaters located at 12021 S. Wilmington Ave., in the City of Los Angeles. The thermal fluid heaters will replace three existing boilers at the facility.

Based on the emission potential, this project is subject to the public notice requirements of AQMD Rules 212 (Standards for Approving Permits) and 3006 (Title V), and has applied for a significant permit revision under the Title V regulation. Therefore, this project is subject to a 45-day EPA review and a 30-day public notice period under AQMD Rules 212, 3003, and 3006.

The AQMD has evaluated the subject permit applications and made a preliminary determination that the equipment will comply with all of the applicable requirements of our rules and regulations. We intend to take final action on the permit at (1) the end of the 30-day public comment and review period and after all pertinent comments have been considered, and (2) upon receiving and consideration of EPA comments on the Title V significant permit revision.

Please find enclosed AQMD's analysis, the draft Title V permit and the public notice for the subject project issued in accordance with AQMD Rules 212 and 3006. The public notice provides for a 30-day public comment period and a 45-day EPA review period prior to making a final decision on issuance of the permit. The public notice is also being published in a newspaper of general circulation in the vicinity of the project, and it is also being forwarded to other interested parties.

If you wish to provide comments or have any questions regarding this project, please contact Mr. Marcel Saulis at (909) 396-3093/ msaulis@aqmd.gov or Mr. John Yee at (909) 396-2531/ jyee@aqmd.gov.

Sincerely,

Brian L. Yeh
Senior Manager
Mechanical, Chemical and Public Services
Engineering and Compliance

BLY
Enclosures
(usepa)

FACILITY PERMIT TO OPERATE
MARTIN LUTHER KING JR./MACC

Facility Equipment and Requirements
(Section D)

This section consists of a table listing all permitted equipment at the facility, facility wide requirements, all individual Permits to Construct and 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 is 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 CONSTRUCT AND PERMITS TO OPERATE AT THIS FACILITY:

Application number	Permit to Operate number	Equipment description
203235	D18812	ICE (50-500 BHP), EM ELECTRICAL GEN, DIESEL
203236	D18813	ICE (50-500 BHP), EM ELECTRICAL GEN, DIESEL
503563	G9658	BOILER, NAT GAS & OIL, > 20=50 MMBTU/HR
503564	G9657	BOILER, NAT GAS & OIL, > 20=50 MMBTU/HR
503565	G9659	BOILER, NAT GAS & OIL, > 20=50 MMBTU/HR
322747	F5227	ICE (>500 BHP), EM ELECTRICAL, GEN, DIESEL
322761	F5228	ICE (>500 BHP), EM ELECTRICAL, GEN, DIESEL
322762	F5229	ICE (>500 BHP), EM ELECTRICAL, GEN, DIESEL
322763	F5231	ICE (>500 BHP), EM ELECTRICAL, GEN, DIESEL
322764	F5232	ICE (>500 BHP), EM ELECTRICAL, GEN, DIESEL
409585	F57604	ICE (50-500 BHP), EM ELECTRICAL GEN, DIESEL
G02457	P67591	SPRAY BOOTH PAINT & SOLVENT
524583	G15777	ICE (>500 BHP), EM ELECTRICAL, GEN, DIESEL
524585	G20838	ICE (>500 BHP), EM ELECTRICAL, GEN, DIESEL
524586	G20839	ICE (>500 BHP), EM ELECTRICAL, GEN, DIESEL
541183	TBD	HEATER (5-20 MMBTU/HR), NAT GAS
541184	TBD	HEATER (5-20 MMBTU/HR), NAT GAS
541185	TBD	HEATER (5-20 MMBTU/HR), NAT GAS
541186	TBD	HEATER (5-20 MMBTU/HR), NAT GAS

NOTE: EQUIPMENT LISTED ABOVE THAT HAVE NO CORRESPONDING PERMITS TO OPERATE NUMBER ARE ISSUED PERMITS TO CONSTRUCT. 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 ONLY USE DIESEL FUEL WITH A SULFUR CONTENT THAT DOES NOT EXCEED 15 PPM BY WEIGHT, UNLESS THE OPERATOR DEMONSTRATES IN WRITING TO THE EXECUTIVE OFFICER THAT SPECIFIC ADDITIONAL TIME IS NECESSARY. [RULE 431.2]

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PERMIT TO OPERATE

Permit No.D18812
A/N 203235

Equipment Description:

INTERNAL COMBUSTION ENGINE, DETROIT, EMERGENCY ELECTRICAL GENERATION, MODEL NO. 7083-7305, SERIAL NO. 8VA319075, DIESEL-FUELED 8 CYLINDERS, TURBOCHARGED, 370 BHP.

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. AN OPERATIONAL NON-RESETTABLE TOTALIZING TIME METER SHALL BE INSTALLED AND MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1304 (a)]

4. THIS ENGINE SHALL NOT BE OPERATED MORE THAN 200 HOURS IN ANY ONE YEAR, WHICH INCLUDES NO MORE THAN 30 HOURS IN ANY ONE YEAR FOR MAINTENANCE AND TESTING.
[RULE 1304 (a), 1470(C)(3)]

5. AN ENGINE OPERATING LOG SHALL BE KEPT AND MAINTAINED, DOCUMENTING THE TOTAL TIME THE ENGINE IS OPERATED EACH MONTH AND SPECIFIC REASON FOR OPERATION AS:

   A. EMERGENCY USE;

   B. MAINTENANCE AND TESTING;

   C. OTHER (DESCRIBE THE REASON FOR OPERATING).

   IN ADDITION, EACH TIME THE ENGINE IS MANUALLY STARTED, THE LOG SHALL INCLUDE THE DATE OF OPERATION, THE SPECIFIC REASON FOR OPERATION, AND THE TOTALIZING HOUR METER READING (IN HOURS AND TENTHS OF HOURS) AT THE BEGINNING AND END OF OPERATION.
   [RULE 1304 (a)]

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6. ON OR BEFORE JANUARY 15TH OF EACH YEAR, THE OPERATOR SHALL RECORD IN THE ENGINE OPERATING LOG THE FOLLOWING:

   A. THE TOTAL HOURS OF ENGINE OPERATION FOR THE PREVIOUS CALENDAR YEAR, AND

   B. THE TOTAL HOURS OF ENGINE OPERATION FOR MAINTENANCE AND TESTING FOR THE PREVIOUS CALENDAR YEAR.

   THE ENGINE OPERATING LOG SHALL BE RETAINED ON SITE FOR A MINIMUM OF FIVE CALENDAR YEARS AND SHALL BE MADE AVAILABLE TO THE EXECUTIVE OFFICER OR HIS REPRESENTATIVE UPON REQUEST.
   [RULE 1304 (a)]

7. THE OPERATION OF THIS ENGINE BEYOND 30 HOURS PER YEAR FOR MAINTENANCE AND PERFORMANCE TESTING SHALL BE ALLOWED ONLY IN THE EVENT OF A LOSS OF GRID POWER OR UP TO 30 MINUTES PRIOR TO A ROTATING OUTAGE, PROVIDED THAT THE UTILITY DISTRIBUTION COMPANY HAS ORDERED ROTATING OUTAGES IN THE CONTROL AREA WHERE THE ENGINE IS LOCATED OR HAS INDICATED THAT IT EXPECTS TO ISSUE SUCH AN ORDER AT A CERTAIN TIME, AND THE ENGINE IS LOCATED IN A UTILITY SERVICE BLOCK THAT IS SUBJECT TO THE ROTATING OUTAGE.

   ENGINE OPERATION SHALL BE TERMINATED IMMEDIATELY AFTER THE UTILITY DISTRIBUTION COMPANY ADVISES THAT A ROTATING OUTAGE IS NO LONGER IMMINENT OR IN EFFECT.
   [RULE 1304 (a)]

8. THE ENGINE SHALL MEET ALL APPLICABLE REQUIREMENTS OF RULE 1470.
   [RULE 1470]

Emissions And Requirements:

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

   PM: RULE 404, SEE APPENDIX B FOR THE EMISSION LIMITS

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PERMIT TO OPERATE

Permit No.D18813
A/N 203236

Equipment Description:

INTERNAL COMBUSTION ENGINE, DETROIT, EMERGENCY ELECTRICAL GENERATION, MODEL NO. 1063-7000, SERIAL NO. 64024475, DIESEL-FUELED, 6 CYLINDERS, NATURALLY ASPIRATED, 215 BHP.

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. AN OPERATIONAL NON-RESETTABLE TOTALIZING TIME METER SHALL BE INSTALLED AND MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1304 (a)]

4. THIS ENGINE SHALL NOT BE OPERATED MORE THAN 200 HOURS IN ANY ONE YEAR, WHICH INCLUDES NO MORE THAN 30 HOURS IN ANY ONE YEAR FOR MAINTENANCE AND TESTING.
[RULE 1304 (a), 1470(C)(3)]

5. AN ENGINE OPERATING LOG SHALL BE KEPT AND MAINTAINED, DOCUMENTING THE TOTAL TIME THE ENGINE IS OPERATED EACH MONTH AND SPECIFIC REASON FOR OPERATION AS:

   A. EMERGENCY USE;

   B. MAINTENANCE AND TESTING;

   C. OTHER (DESCRIBE THE REASON FOR OPERATING).

   IN ADDITION, EACH TIME THE ENGINE IS MANUALLY STARTED, THE LOG SHALL INCLUDE THE DATE OF OPERATION, THE SPECIFIC REASON FOR OPERATION, AND THE TOTALIZING HOUR METER READING (IN HOURS AND TENTHS OF HOURS) AT THE BEGINNING AND END OF OPERATION.
   [RULE 1304 (a)]

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6. ON OR BEFORE JANUARY 15TH OF EACH YEAR, THE OPERATOR SHALL RECORD IN THE ENGINE OPERATING LOG THE FOLLOWING:

   A. THE TOTAL HOURS OF ENGINE OPERATION FOR THE PREVIOUS CALENDAR YEAR, AND

   B. THE TOTAL HOURS OF ENGINE OPERATION FOR MAINTENANCE AND TESTING FOR THE PREVIOUS CALENDAR YEAR.

   THE ENGINE OPERATING LOG SHALL BE RETAINED ON SITE FOR A MINIMUM OF FIVE CALENDAR YEARS AND SHALL BE MADE AVAILABLE TO THE EXECUTIVE OFFICER OR HIS REPRESENTATIVE UPON REQUEST.
   [RULE 1304 (a)]

7. THE OPERATION OF THIS ENGINE BEYOND 30 HOURS PER YEAR FOR MAINTENANCE AND PERFORMANCE TESTING SHALL BE ALLOWED ONLY IN THE EVENT OF A LOSS OF GRID POWER OR UP TO 30 MINUTES PRIOR TO A ROTATING OUTAGE, PROVIDED THAT THE UTILITY DISTRIBUTION COMPANY HAS ORDERED ROTATING OUTAGES IN THE CONTROL AREA WHERE THE ENGINE IS LOCATED OR HAS INDICATED THAT IT EXPECTS TO ISSUE SUCH AN ORDER AT A CERTAIN TIME, AND THE ENGINE IS LOCATED IN A UTILITY SERVICE BLOCK THAT IS SUBJECT TO THE ROTATING OUTAGE.

   ENGINE OPERATION SHALL BE TERMINATED IMMEDIATELY AFTER THE UTILITY DISTRIBUTION COMPANY ADVISES THAT A ROTATING OUTAGE IS NO LONGER IMMINENT OR IN EFFECT.
   [RULE 1304 (a)]

8. THE ENGINE SHALL MEET ALL APPLICABLE REQUIREMENTS OF RULE 1470.
   [RULE 1470]

Emissions And Requirements:

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

   PM: RULE 404, SEE APPENDIX B FOR THE EMISSION LIMITS

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PERMIT TO OPERATE

Permit No. G9658
A/N 503563

Equipment Description:

BOILER NO. 1, CLEAVER BROOKS, FIRE-TUBE TYPE, MODEL NO. CBI-200-800, SERIAL NO. 0L090682, WITH A LOW NOX BURNER, CLEAVER BROOKS, MODEL NO. NTS336LGA-09S-1P, 33,600,000 BTU/HR, NATURAL GAS AND FUEL OIL FIRED BURNER, A 50 H.P. COMBUSTION AIR BLOWER, A FORCED FLUE GAS RECIRCULATION SYSTEM, AND A CLEAVER BROOKS OXYGEN TRIM 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. FLUE GAS RECIRCULATION SHALL BE IN FULL USE WHENEVER THE BOILER IS IN OPERATION.
[RULE 1146]

4. THE OPERATOR SHALL INSTALL AND MAINTAIN A NON-RESETTABLE TOTALIZING FUEL METER FOR EACH FUEL USED IN THIS EQUIPMENT.
[RULE 1146]

5. THE EXHAUST STACK HEIGHT OF THIS BOILER SHALL BE 50 FEET OR GREATER.
[RULE 1401]

6. THIS BOILER SHALL BE OPERATED IN FULL COMPLIANCE WITH THE APPLICABLE PROVISIONS OF RULE 1146.
[RULE 1146]

7. THIS BOILER SHALL BE FIRED WITH NATURAL GAS ONLY, EXCEPT DURING PERIODS OF NATURAL GAS CURTAILMENT, DURING MAINTENANCE TESTING NOT TO EXCEED ½ HOUR.
[RULE 1303(a)(1)-BACT]

8. THE BURNER SHALL BE EQUIPPED WITH A CONTROL SYSTEM TO AUTOMATICALLY REGULATE THE COMBUSTION AIR AND FUEL AS THE BOILER LOAD VARIES. THIS AUTOMATIC CONTROL SYSTEM SHALL BE ADJUSTED AND TUNED AT LEAST TWICE A YEAR, ACCORDING TO THE MANUFACTURER'S SPECIFICATIONS TO ASSURE ITS ABILITY TO REPEAT THE SAME PERFORMANCE AT THE SAME BURNER FIRING RATE.
[RULE 1146]

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9. BY JANUARY 1, 2012, THIS BOILER SHALL EMIT NO MORE THAN 9 PPM FOR OXIDES OF NITROGEN (NOX) CALCULATED AS NO2, AND 50 PPM OF CARBON MONOXIDE (CO) WHEN FIRING ON NATURAL GAS, AND 40 PPM FOR OXIDES OF NITROGEN (NOX) CALCULATED AS NO2, AND 50 PPM OF CARBON MONOXIDE (CO) WHEN FIRING ON FUEL OIL, ALL MEASURED BY VOLUME ON A DRY BASIS AT 3% OXYGEN.
[RULE 1303 (a)(1) - BACT, RULE 1146]

10. THE OPERATOR SHALL ALSO INSTALL AND MAINTAIN TWO FLOW CHART RECORDERS. ONE RECORDER SHALL CONTINUOUSLY RECORD THE NATURAL GAS BEING MEASURED (IN CUBIC FEET/MIN), AND ANOTHER RECORDER SHALL CONTINUOUSLY RECORD THE FUEL OIL BEING MEASURED (IN CUBIC FEET/MIN), TO ENSURE COMPLIANCE WITH THE FUEL USAGE LIMITS IN CONDITION NO. 15. RECORDS SHALL BE RETAINED ON SITE FOR A MINIMUM OF FIVE AND SHALL BE MADE AVAILABLE TO THE EXECUTIVE OFFICER OR HIS REPRESENTATIVE UPON REQUEST.
[RULE 1146]

11. THE EQUIPMENT SHALL COMPLY WITH THE TUNE-UP REQUIREMENTS OF RULE 1146. RECORDS SHALL BE MAINTAINED OF THE DATE OF EACH TUNE-UP, THE COMPANY PERFORMING THE TUNE-UP, AND THE TUNE-UP CO AND O2 RESULTS. RECORDS SHALL BE RETAINED ON SITE FOR A MINIMUM OF FIVE AND SHALL BE MADE AVAILABLE TO THE EXECUTIVE OFFICER OR HIS REPRESENTATIVE UPON REQUEST.
[RULE 1146]

Periodic Monitoring:

12. THE OPERATOR SHALL DETERMINE COMPLIANCE WITH THE NOX EMISSION LIMIT(S) EITHER BY: (a) CONDUCTING A SOURCE TEST AT LEAST ONCE EVERY THREE YEARS USING AQMD METHOD 100.1 OR 7.1; OR (b) CONDUCTING A TEST AT LEAST ANNUALLY USING A PORTABLE ANALYZER AND AQMD-APPROVED TEST METHOD. THE TEST SHALL BE CONDUCTED WHEN THE EQUIPMENT IS OPERATING UNDER NORMAL CONDITIONS TO DEMONSTRATE COMPLIANCE WITH RULE 1146 CONCENTRATION LIMIT. THE OPERATOR SHALL COMPLY WITH ALL GENERAL TESTING, REPORTING, AND RECORDKEEPING REQUIREMENTS IN SECTIONS E AND K OF THIS PERMIT.
[RULE 3004 (a)(4)]

13. THE OPERATOR SHALL DETERMINE COMPLIANCE WITH THE CO EMISSION LIMIT(S) EITHER BY: (a) CONDUCTING A SOURCE TEST AT LEAST ONCE EVERY FIVE YEARS USING AQMD METHOD 100.1 OR 10.1; OR (b) CONDUCTING A TEST AT LEAST ANNUALLY USING A PORTABLE ANALYZER AND AQMD-APPROVED TEST METHOD.. THE TEST SHALL BE CONDUCTED WHEN THE EQUIPMENT IS OPERATING UNDER NORMAL CONDITIONS TO DEMONSTRATE COMPLIANCE WITH RULE 1146 CONCENTRATION LIMIT. THE OPERATOR SHALL COMPLY WITH ALL GENERAL TESTING, REPORTING, AND RECORDKEEPING REQUIREMENTS IN SECTIONS E AND K OF THIS PERMIT.
[RULE 3004 (a)(4)]

14. THE OPERATOR SHALL CONDUCT AN INSPECTION FOR VISIBLE EMISSION FROM ALL STACKS AND OTHER EMISSION POINTS OF THIS EQUIPMENT WHENEVER THIS EQUIPMENT HAS COMBUSTED ONE MILLION GALLONS OF DIESEL FUEL, TO BE COUNTED CUMULATIVELY OVER A FIVE YEAR PERIOD. THE INSPECTION SHALL BE CONDUCTED WHILE THE EQUIPMENT

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IS IN OPERATION AND DURING DAYLIGHT HOURS. IF ANY VISIBLE EMISSIONS (NOT INCLUDING CONDENSED WATER VAPOR) ARE DETECTED THAT LAST MORE THAN THREE MINUTES IN ANY ONE HOUR, THE OPERATOR SHALL EITHER:

A. TAKE CORRECTIVE ACTION(S) THAT ELIMINATES THE VISIBLE EMISSIONS WITHIN 24 HOURS AND REPORT THE VISIBLE EMISSIONS AS A POTENTIAL DEVIATION IN THE SAME FASHION AS DEVIATIONS ARE REQUIRED TO BE REPORTED IN SECTION K OF THIS PERMIT;

OR

B. HAVE A CARB-CERTIFIED SMOKE READER DETERMINE COMPLIANCE WITH THE OPACITY STANDARD, USING EPA METHOD 9 OR THE PROCEDURES IN THE CARB MANUAL "VISIBLE EMISSION EVALUATION", WITHIN THREE BUSINESS DAYS AND REPORT ANY DEVIATIONS TO AQMD.

IN ADDITION, THE OPERATOR SHALL KEEP THE RECORDS IN ACCORDANCE WITH THE RECORDKEEPING REQUIREMENTS IN SECTION K OF THIS PERMIT AND THE FOLLOWING RECORDS:

A. STACK OR EMISSION POINT IDENTIFICATION;

B. DESCRIPTION OF ANY CORRECTIVE ACTIONS TAKEN TO ABATE VISIBLE EMISSIONS;

C. DATE AND TIME VISIBLE EMISSION WAS ABATED; AND

D. VISIBLE EMISSION OBSERVATION RECORDED BY A CERTIFIED SMOKE READER.
[RULE 3004 (a)(4)]

Emissions And Requirements:

15. IF THIS BOILER BURNS MORE THAN 200,000,000,000 (200 BILLION) BTUS OF FUEL OIL IN ANY ONE CALENDAR YEAR, THE BOILER OPERATOR SHALL INSTALL AND OPERATE BY MARCH 1 OF THE FOLLOWING YEAR, AN OXIDES OF NITROGEN CONTINUOUS EMISSION MONITORING SYSTEM THAT IS APPROVED BY THE EXECUTIVE OFFICER IN ACCORDANCE WITH RULE 218(b) AND SHALL CONTINUE TO OPERATE IT FOR THE LIFE OF THE BOILER.
[RULE 1146, 218(b)]

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

NOx: 9 PPMV, RULE 1146 - (1/1/2012)
NOx: 30 PPMV, RULE 1146
NOx: 20 PPMV, RULE 1303 (a)(1) - BACT
CO: 400 PPMV, RULE 1146
CO: 50 PPMV, RULE 1303 (a)(1) - BACT
CO: 2000 PPMV, RULE 407
PM: 0.1 GR/SCF, RULE 409

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Permit No. G9657
A/N 503564

Equipment Description:

BOILER NO.2, CLEAVER BROOKS, FIRE-TUBE TYPE, MODEL NO. CB-700-800, SERIAL NO. L90683, WITH A LOW NOX BURNER, CLEAVER BROOKS, MODEL NO. NTS336LGA-09S-1P, 33,600,000 BTU/HR, NATURAL GAS AND FUEL OIL FIRED BURNER, A 50 H.P. COMBUSTION AIR BLOWER, A FORCED FLUE GAS RECIRCULATION SYSTEM, AND A CLEAVER BROOKS OXYGEN TRIM 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. FLUE GAS RECIRCULATION SHALL BE IN FULL USE WHENEVER THE BOILER IS IN OPERATION.
[RULE 1146]

4. THE OPERATOR SHALL INSTALL AND MAINTAIN A NON-RESETTABLE TOTALIZING FUEL METER FOR EACH FUEL USED IN THIS EQUIPMENT.
[RULE 1146]

5. THE EXHAUST STACK HEIGHT OF THIS BOILER SHALL BE 50 FEET OR GREATER.
[RULE 1401]

6. THIS BOILER SHALL BE OPERATED IN FULL COMPLIANCE WITH THE APPLICABLE PROVISIONS OF RULE 1146.
[RULE 1146]

7. THIS BOILER SHALL BE FIRED WITH NATURAL GAS ONLY, EXCEPT DURING PERIODS OF NATURAL GAS CURTAILMENT, DURING MAINTENANCE TESTING NOT TO EXCEED ½ HOUR.
[RULE 1303(a)(1)-BACT]

8. THE BURNER SHALL BE EQUIPPED WITH A CONTROL SYSTEM TO AUTOMATICALLY REGULATE THE COMBUSTION AIR AND FUEL AS THE BOILER LOAD VARIES. THIS AUTOMATIC CONTROL SYSTEM SHALL BE ADJUSTED AND TUNED AT LEAST TWICE A YEAR, ACCORDING TO THE MANUFACTURER'S SPECIFICATIONS TO ASSURE ITS ABILITY TO REPEAT THE SAME PERFORMANCE AT THE SAME BURNER FIRING RATE.
[RULE 1146]

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9. BY JANUARY 1, 2012, THIS BOILER SHALL EMIT NO MORE THAN 9 PPM FOR OXIDES OF NITROGEN (NOX) CALCULATED AS NO2, AND 50 PPM OF CARBON MONOXIDE (CO) WHEN FIRING ON NATURAL GAS, AND 40 PPM FOR OXIDES OF NITROGEN (NOX) CALCULATED AS NO2, AND 50 PPM OF CARBON MONOXIDE (CO) WHEN FIRING ON FUEL OIL, ALL MEASURED BY VOLUME ON A DRY BASIS AT 3% OXYGEN.
[RULE 1303 (a)(1) - BACT, RULE 1146]

10. THE OPERATOR SHALL ALSO INSTALL AND MAINTAIN TWO FLOW CHART RECORDERS. ONE RECORDER SHALL CONTINUOUSLY RECORD THE NATURAL GAS BEING MEASURED (IN CUBIC FEET/MIN), AND ANOTHER RECORDER SHALL CONTINUOUSLY RECORD THE FUEL OIL BEING MEASURED (IN CUBIC FEET/MIN), TO ENSURE COMPLIANCE WITH THE FUEL USAGE LIMITS IN CONDITION NO. 15. RECORDS SHALL BE RETAINED ON SITE FOR A MINIMUM OF FIVE AND SHALL BE MADE AVAILABLE TO THE EXECUTIVE OFFICER OR HIS REPRESENTATIVE UPON REQUEST.
[RULE 1146]

11. THE EQUIPMENT SHALL COMPLY WITH THE TUNE-UP REQUIREMENTS OF RULE 1146. RECORDS SHALL BE MAINTAINED OF THE DATE OF EACH TUNE-UP, THE COMPANY PERFORMING THE TUNE-UP, AND THE TUNE-UP CO AND O2 RESULTS. RECORDS SHALL BE RETAINED ON SITE FOR A MINIMUM OF FIVE AND SHALL BE MADE AVAILABLE TO THE EXECUTIVE OFFICER OR HIS REPRESENTATIVE UPON REQUEST.
[RULE 1146]

Periodic Monitoring:

12. THE OPERATOR SHALL DETERMINE COMPLIANCE WITH THE NOX EMISSION LIMIT(S) EITHER BY: (a) CONDUCTING A SOURCE TEST AT LEAST ONCE EVERY THREE YEARS USING AQMD METHOD 100.1 OR 7.1; OR (b) CONDUCTING A TEST AT LEAST ANNUALLY USING A PORTABLE ANALYZER AND AQMD-APPROVED TEST METHOD. THE TEST SHALL BE CONDUCTED WHEN THE EQUIPMENT IS OPERATING UNDER NORMAL CONDITIONS TO DEMONSTRATE COMPLIANCE WITH RULE 1146 CONCENTRATION LIMIT. THE OPERATOR SHALL COMPLY WITH ALL GENERAL TESTING, REPORTING, AND RECORDKEEPING REQUIREMENTS IN SECTIONS E AND K OF THIS PERMIT.
[RULE 3004 (a)(4)]

13. THE OPERATOR SHALL DETERMINE COMPLIANCE WITH THE CO EMISSION LIMIT(S) EITHER BY: (a) CONDUCTING A SOURCE TEST AT LEAST ONCE EVERY FIVE YEARS USING AQMD METHOD 100.1 OR 10.1; OR (b) CONDUCTING A TEST AT LEAST ANNUALLY USING A PORTABLE ANALYZER AND AQMD-APPROVED TEST METHOD.. THE TEST SHALL BE CONDUCTED WHEN THE EQUIPMENT IS OPERATING UNDER NORMAL CONDITIONS TO DEMONSTRATE COMPLIANCE WITH RULE 1146 CONCENTRATION LIMIT. THE OPERATOR SHALL COMPLY WITH ALL GENERAL TESTING, REPORTING, AND RECORDKEEPING REQUIREMENTS IN SECTIONS E AND K OF THIS PERMIT.
[RULE 3004 (a)(4)]

14. THE OPERATOR SHALL CONDUCT AN INSPECTION FOR VISIBLE EMISSION FROM ALL STACKS AND OTHER EMISSION POINTS OF THIS EQUIPMENT WHENEVER THIS EQUIPMENT HAS COMBUSTED ONE MILLION GALLONS OF DIESEL FUEL, TO BE COUNTED CUMULATIVELY OVER A FIVE YEAR PERIOD. THE INSPECTION SHALL BE CONDUCTED WHILE THE EQUIPMENT

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IS IN OPERATION AND DURING DAYLIGHT HOURS. IF ANY VISIBLE EMISSIONS (NOT INCLUDING CONDENSED WATER VAPOR) ARE DETECTED THAT LAST MORE THAN THREE MINUTES IN ANY ONE HOUR, THE OPERATOR SHALL EITHER:

A. TAKE CORRECTIVE ACTION(S) THAT ELIMINATES THE VISIBLE EMISSIONS WITHIN 24 HOURS AND REPORT THE VISIBLE EMISSIONS AS A POTENTIAL DEVIATION IN THE SAME FASHION AS DEVIATIONS ARE REQUIRED TO BE REPORTED IN SECTION K OF THIS PERMIT;

OR

B. HAVE A CARB-CERTIFIED SMOKE READER DETERMINE COMPLIANCE WITH THE OPACITY STANDARD, USING EPA METHOD 9 OR THE PROCEDURES IN THE CARB MANUAL "VISIBLE EMISSION EVALUATION", WITHIN THREE BUSINESS DAYS AND REPORT ANY DEVIATIONS TO AQMD.

IN ADDITION, THE OPERATOR SHALL KEEP THE RECORDS IN ACCORDANCE WITH THE RECORDKEEPING REQUIREMENTS IN SECTION K OF THIS PERMIT AND THE FOLLOWING RECORDS:

A. STACK OR EMISSION POINT IDENTIFICATION;

B. DESCRIPTION OF ANY CORRECTIVE ACTIONS TAKEN TO ABATE VISIBLE EMISSIONS;

C. DATE AND TIME VISIBLE EMISSION WAS ABATED; AND

D. VISIBLE EMISSION OBSERVATION RECORDED BY A CERTIFIED SMOKE READER.
[RULE 3004 (a)(4)]

Emissions And Requirements:

15. IF THIS BOILER BURNS MORE THAN 200,000,000,000 (200 BILLION) BTUS OF FUEL OIL IN ANY ONE CALENDAR YEAR, THE BOILER OPERATOR SHALL INSTALL AND OPERATE BY MARCH 1 OF THE FOLLOWING YEAR, AN OXIDES OF NITROGEN CONTINUOUS EMISSION MONITORING SYSTEM THAT IS APPROVED BY THE EXECUTIVE OFFICER IN ACCORDANCE WITH RULE 218(b) AND SHALL CONTINUE TO OPERATE IT FOR THE LIFE OF THE BOILER.
[RULE 1146, 218(b)]

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

NOx: 9 PPMV, RULE 1146 - (1/1/2012)
NOx: 30 PPMV, RULE 1146
NOx: 20 PPMV, RULE 1303 (a)(1) - BACT
CO: 400 PPMV, RULE 1146
CO: 50 PPMV, RULE 1303 (a)(1) - BACT
CO: 2000 PPMV, RULE 407
PM: 0.1 GR/SCF, RULE 409

FACILITY PERMIT TO OPERATE
MARTIN LUTHER KING JR./MACC

PERMIT TO OPERATE

Permit No. G9659
A/N 503565

Equipment Description:

BOILER NO.3, CLEAVER BROOKS, FIRE-TUBE TYPE, MODEL NO. CB-700-800, SERIAL NO. L90684, WITH A LOW NOX BURNER, CLEAVER BROOKS, MODEL NO. NTS336LGA-09S-1P, 33,600,000 BTU/HR, NATURAL GAS AND FUEL OIL FIRED BURNER, A 50 H.P. COMBUSTION AIR BLOWER, A FORCED FLUE GAS RECIRCULATION SYSTEM, AND A CLEAVER BROOKS OXYGEN TRIM 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. FLUE GAS RECIRCULATION SHALL BE IN FULL USE WHENEVER THE BOILER IS IN OPERATION.
[RULE 1146]

4. THE OPERATOR SHALL INSTALL AND MAINTAIN A NON-RESETTABLE TOTALIZING FUEL METER FOR EACH FUEL USED IN THIS EQUIPMENT.
[RULE 1146]

5. THE EXHAUST STACK HEIGHT OF THIS BOILER SHALL BE 50 FEET OR GREATER.
[RULE 1401]

6. THIS BOILER SHALL BE OPERATED IN FULL COMPLIANCE WITH THE APPLICABLE PROVISIONS OF RULE 1146.
[RULE 1146]

7. THIS BOILER SHALL BE FIRED WITH NATURAL GAS ONLY, EXCEPT DURING PERIODS OF NATURAL GAS CURTAILMENT, DURING MAINTENANCE TESTING NOT TO EXCEED ½ HOUR.
[RULE 1303(a)(1)-BACT]

8. THE BURNER SHALL BE EQUIPPED WITH A CONTROL SYSTEM TO AUTOMATICALLY REGULATE THE COMBUSTION AIR AND FUEL AS THE BOILER LOAD VARIES. THIS AUTOMATIC CONTROL SYSTEM SHALL BE ADJUSTED AND TUNED AT LEAST TWICE A YEAR, ACCORDING TO THE MANUFACTURER'S SPECIFICATIONS TO ASSURE ITS ABILITY TO REPEAT THE SAME PERFORMANCE AT THE SAME BURNER FIRING RATE.
[RULE 1146]

FACILITY PERMIT TO OPERATE
MARTIN LUTHER KING JR./MACC

9. BY JANUARY 1, 2012, THIS BOILER SHALL EMIT NO MORE THAN 9 PPM FOR OXIDES OF NITROGEN (NOX) CALCULATED AS NO2, AND 50 PPM OF CARBON MONOXIDE (CO) WHEN FIRING ON NATURAL GAS, AND 40 PPM FOR OXIDES OF NITROGEN (NOX) CALCULATED AS NO2, AND 50 PPM OF CARBON MONOXIDE (CO) WHEN FIRING ON FUEL OIL, ALL MEASURED BY VOLUME ON A DRY BASIS AT 3% OXYGEN.
[RULE 1303 (a)(1) - BACT, RULE 1146]

10. THE OPERATOR SHALL ALSO INSTALL AND MAINTAIN TWO FLOW CHART RECORDERS. ONE RECORDER SHALL CONTINUOUSLY RECORD THE NATURAL GAS BEING MEASURED (IN CUBIC FEET/MIN), AND ANOTHER RECORDER SHALL CONTINUOUSLY RECORD THE FUEL OIL BEING MEASURED (IN CUBIC FEET/MIN), TO ENSURE COMPLIANCE WITH THE FUEL USAGE LIMITS IN CONDITION NO. 15. RECORDS SHALL BE RETAINED ON SITE FOR A MINIMUM OF FIVE AND SHALL BE MADE AVAILABLE TO THE EXECUTIVE OFFICER OR HIS REPRESENTATIVE UPON REQUEST.
[RULE 1146]

11. THE EQUIPMENT SHALL COMPLY WITH THE TUNE-UP REQUIREMENTS OF RULE 1146. RECORDS SHALL BE MAINTAINED OF THE DATE OF EACH TUNE-UP, THE COMPANY PERFORMING THE TUNE-UP, AND THE TUNE-UP CO AND O2 RESULTS. RECORDS SHALL BE RETAINED ON SITE FOR A MINIMUM OF FIVE AND SHALL BE MADE AVAILABLE TO THE EXECUTIVE OFFICER OR HIS REPRESENTATIVE UPON REQUEST.
[RULE 1146]

Periodic Monitoring:

12. THE OPERATOR SHALL DETERMINE COMPLIANCE WITH THE NOX EMISSION LIMIT(S) EITHER BY: (a) CONDUCTING A SOURCE TEST AT LEAST ONCE EVERY THREE YEARS USING AQMD METHOD 100.1 OR 7.1; OR (b) CONDUCTING A TEST AT LEAST ANNUALLY USING A PORTABLE ANALYZER AND AQMD-APPROVED TEST METHOD. THE TEST SHALL BE CONDUCTED WHEN THE EQUIPMENT IS OPERATING UNDER NORMAL CONDITIONS TO DEMONSTRATE COMPLIANCE WITH RULE 1146 CONCENTRATION LIMIT. THE OPERATOR SHALL COMPLY WITH ALL GENERAL TESTING, REPORTING, AND RECORDKEEPING REQUIREMENTS IN SECTIONS E AND K OF THIS PERMIT.
[RULE 3004 (a)(4)]

13. THE OPERATOR SHALL DETERMINE COMPLIANCE WITH THE CO EMISSION LIMIT(S) EITHER BY: (a) CONDUCTING A SOURCE TEST AT LEAST ONCE EVERY FIVE YEARS USING AQMD METHOD 100.1 OR 10.1; OR (b) CONDUCTING A TEST AT LEAST ANNUALLY USING A PORTABLE ANALYZER AND AQMD-APPROVED TEST METHOD.. THE TEST SHALL BE CONDUCTED WHEN THE EQUIPMENT IS OPERATING UNDER NORMAL CONDITIONS TO DEMONSTRATE COMPLIANCE WITH RULE 1146 CONCENTRATION LIMIT. THE OPERATOR SHALL COMPLY WITH ALL GENERAL TESTING, REPORTING, AND RECORDKEEPING REQUIREMENTS IN SECTIONS E AND K OF THIS PERMIT.
[RULE 3004 (a)(4)]

14. THE OPERATOR SHALL CONDUCT AN INSPECTION FOR VISIBLE EMISSION FROM ALL STACKS AND OTHER EMISSION POINTS OF THIS EQUIPMENT WHENEVER THIS EQUIPMENT HAS COMBUSTED ONE MILLION GALLONS OF DIESEL FUEL, TO BE COUNTED CUMULATIVELY OVER A FIVE YEAR PERIOD. THE INSPECTION SHALL BE CONDUCTED WHILE THE EQUIPMENT

FACILITY PERMIT TO OPERATE
MARTIN LUTHER KING JR./MACC

IS IN OPERATION AND DURING DAYLIGHT HOURS. IF ANY VISIBLE EMISSIONS (NOT INCLUDING CONDENSED WATER VAPOR) ARE DETECTED THAT LAST MORE THAN THREE MINUTES IN ANY ONE HOUR, THE OPERATOR SHALL EITHER:

A. TAKE CORRECTIVE ACTION(S) THAT ELIMINATES THE VISIBLE EMISSIONS WITHIN 24 HOURS AND REPORT THE VISIBLE EMISSIONS AS A POTENTIAL DEVIATION IN THE SAME FASHION AS DEVIATIONS ARE REQUIRED TO BE REPORTED IN SECTION K OF THIS PERMIT;

OR

B. HAVE A CARB-CERTIFIED SMOKE READER DETERMINE COMPLIANCE WITH THE OPACITY STANDARD, USING EPA METHOD 9 OR THE PROCEDURES IN THE CARB MANUAL "VISIBLE EMISSION EVALUATION", WITHIN THREE BUSINESS DAYS AND REPORT ANY DEVIATIONS TO AQMD.

IN ADDITION, THE OPERATOR SHALL KEEP THE RECORDS IN ACCORDANCE WITH THE RECORDKEEPING REQUIREMENTS IN SECTION K OF THIS PERMIT AND THE FOLLOWING RECORDS:

A. STACK OR EMISSION POINT IDENTIFICATION;

B. DESCRIPTION OF ANY CORRECTIVE ACTIONS TAKEN TO ABATE VISIBLE EMISSIONS;

C. DATE AND TIME VISIBLE EMISSION WAS ABATED; AND

D. VISIBLE EMISSION OBSERVATION RECORDED BY A CERTIFIED SMOKE READER.
[RULE 3004 (a)(4)]

Emissions And Requirements:

15. IF THIS BOILER BURNS MORE THAN 200,000,000,000 (200 BILLION) BTUS OF FUEL OIL IN ANY ONE CALENDAR YEAR, THE BOILER OPERATOR SHALL INSTALL AND OPERATE BY MARCH 1 OF THE FOLLOWING YEAR, AN OXIDES OF NITROGEN CONTINUOUS EMISSION MONITORING SYSTEM THAT IS APPROVED BY THE EXECUTIVE OFFICER IN ACCORDANCE WITH RULE 218(b) AND SHALL CONTINUE TO OPERATE IT FOR THE LIFE OF THE BOILER.
[RULE 1146, 218(b)]

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

NOx: 9 PPMV, RULE 1146 – (1/1/2012)
NOx: 30 PPMV, RULE 1146
NOx: 20 PPMV, RULE 1303 (a)(1) - BACT
CO: 400 PPMV, RULE 1146
CO: 50 PPMV, RULE 1303 (a)(1) - BACT
CO: 2000 PPMV, RULE 407
PM: 0.1 GR/SCF, RULE 409

FACILITY PERMIT TO OPERATE
MARTIN LUTHER KING JR./MACC

PERMIT TO OPERATE

Permit No.F5227
A/N 322747

Equipment Description:

INTERNAL COMBUSTION ENGINE, CATERPILLAR, EMERGENCY ELECTRICAL GENERATION, MODEL NO. 3516 DITA, DIESEL-FUELED, 16 CYLINDERS, TURBOCHARGED, AFTERCOOLED, 2,847 BHP.

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. AN OPERATIONAL NON-RESETTABLE TOTALIZING TIME METER SHALL BE INSTALLED AND MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1304 (a)]

4. THIS ENGINE SHALL NOT BE OPERATED MORE THAN 200 HOURS IN ANY ONE YEAR, WHICH INCLUDES NO MORE THAN 50 HOURS IN ANY ONE YEAR FOR MAINTENANCE AND TESTING.
[RULE 1304 (a), 1470(C)(3)]

5. AN ENGINE OPERATING LOG SHALL BE KEPT AND MAINTAINED, DOCUMENTING THE TOTAL TIME THE ENGINE IS OPERATED EACH MONTH AND SPECIFIC REASON FOR OPERATION AS:

   A. EMERGENCY USE;

   B. MAINTENANCE AND TESTING;

   C. OTHER (DESCRIBE THE REASON FOR OPERATING).

   IN ADDITION, EACH TIME THE ENGINE IS MANUALLY STARTED, THE LOG SHALL INCLUDE THE DATE OF OPERATION, THE SPECIFIC REASON FOR OPERATION, AND THE TOTALIZING HOUR METER READING (IN HOURS AND TENTHS OF HOURS) AT THE BEGINNING AND END OF OPERATION.
   [RULE 1304 (a)]

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6. ON OR BEFORE JANUARY 15TH OF EACH YEAR, THE OPERATOR SHALL RECORD IN THE ENGINE OPERATING LOG THE FOLLOWING:

   A. THE TOTAL HOURS OF ENGINE OPERATION FOR THE PREVIOUS CALENDAR YEAR, AND

   B. THE TOTAL HOURS OF ENGINE OPERATION FOR MAINTENANCE AND TESTING FOR THE PREVIOUS CALENDAR YEAR.

   THE ENGINE OPERATING LOG SHALL BE RETAINED ON SITE FOR A MINIMUM OF FIVE CALENDAR YEARS AND SHALL BE MADE AVAILABLE TO THE EXECUTIVE OFFICER OR HIS REPRESENTATIVE UPON REQUEST.
   [RULE 1304 (a)]

7. THE OPERATION OF THIS ENGINE BEYOND 50 HOURS PER YEAR FOR MAINTENANCE AND PERFORMANCE TESTING SHALL BE ALLOWED ONLY IN THE EVENT OF A LOSS OF GRID POWER OR UP TO 30 MINUTES PRIOR TO A ROTATING OUTAGE, PROVIDED THAT THE UTILITY DISTRIBUTION COMPANY HAS ORDERED ROTATING OUTAGES IN THE CONTROL AREA WHERE THE ENGINE IS LOCATED OR HAS INDICATED THAT IT EXPECTS TO ISSUE SUCH AN ORDER AT A CERTAIN TIME, AND THE ENGINE IS LOCATED IN A UTILITY SERVICE BLOCK THAT IS SUBJECT TO THE ROTATING OUTAGE.

   ENGINE OPERATION SHALL BE TERMINATED IMMEDIATELY AFTER THE UTILITY DISTRIBUTION COMPANY ADVISES THAT A ROTATING OUTAGE IS NO LONGER IMMINENT OR IN EFFECT.
   [RULE 1304 (a)]

8. THE ENGINE SHALL MEET ALL APPLICABLE REQUIREMENTS OF RULE 1470.
   [RULE 1470]

Emissions And Requirements:

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

   PM: RULE 404, SEE APPENDIX B FOR THE EMISSION LIMITS

FACILITY PERMIT TO OPERATE
MARTIN LUTHER KING JR./MACC

PERMIT TO OPERATE

Permit No.F5228
A/N 322761

Equipment Description:

INTERNAL COMBUSTION ENGINE, CATERPILLAR, EMERGENCY ELECTRICAL GENERATION, MODEL NO. 3516 DITA, DIESEL-FUELED, 16 CYLINDERS, TURBOCHARGED, AFTERCOOLED, 2,847 BHP.

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. AN OPERATIONAL NON-RESETTABLE TOTALIZING TIME METER SHALL BE INSTALLED AND MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1304 (a)]

4. THIS ENGINE SHALL NOT BE OPERATED MORE THAN 200 HOURS IN ANY ONE YEAR, WHICH INCLUDES NO MORE THAN 50 HOURS IN ANY ONE YEAR FOR MAINTENANCE AND TESTING.
[RULE 1304 (a), 1470(C)(3)]

5. AN ENGINE OPERATING LOG SHALL BE KEPT AND MAINTAINED, DOCUMENTING THE TOTAL TIME THE ENGINE IS OPERATED EACH MONTH AND SPECIFIC REASON FOR OPERATION AS:

   A. EMERGENCY USE;

   B. MAINTENANCE AND TESTING;

   C. OTHER (DESCRIBE THE REASON FOR OPERATING).

   IN ADDITION, EACH TIME THE ENGINE IS MANUALLY STARTED, THE LOG SHALL INCLUDE THE DATE OF OPERATION, THE SPECIFIC REASON FOR OPERATION, AND THE TOTALIZING HOUR METER READING (IN HOURS AND TENTHS OF HOURS) AT THE BEGINNING AND END OF OPERATION.
   [RULE 1304 (a)]

FACILITY PERMIT TO OPERATE
MARTIN LUTHER KING JR./MACC

6. ON OR BEFORE JANUARY 15TH OF EACH YEAR, THE OPERATOR SHALL RECORD IN THE ENGINE OPERATING LOG THE FOLLOWING:

   A. THE TOTAL HOURS OF ENGINE OPERATION FOR THE PREVIOUS CALENDAR YEAR, AND

   B. THE TOTAL HOURS OF ENGINE OPERATION FOR MAINTENANCE AND TESTING FOR THE PREVIOUS CALENDAR YEAR.

   THE ENGINE OPERATING LOG SHALL BE RETAINED ON SITE FOR A MINIMUM OF FIVE CALENDAR YEARS AND SHALL BE MADE AVAILABLE TO THE EXECUTIVE OFFICER OR HIS REPRESENTATIVE UPON REQUEST.
   [RULE 1304 (a)]

7. THE OPERATION OF THIS ENGINE BEYOND 50 HOURS PER YEAR FOR MAINTENANCE AND PERFORMANCE TESTING SHALL BE ALLOWED ONLY IN THE EVENT OF A LOSS OF GRID POWER OR UP TO 30 MINUTES PRIOR TO A ROTATING OUTAGE, PROVIDED THAT THE UTILITY DISTRIBUTION COMPANY HAS ORDERED ROTATING OUTAGES IN THE CONTROL AREA WHERE THE ENGINE IS LOCATED OR HAS INDICATED THAT IT EXPECTS TO ISSUE SUCH AN ORDER AT A CERTAIN TIME, AND THE ENGINE IS LOCATED IN A UTILITY SERVICE BLOCK THAT IS SUBJECT TO THE ROTATING OUTAGE.

   ENGINE OPERATION SHALL BE TERMINATED IMMEDIATELY AFTER THE UTILITY DISTRIBUTION COMPANY ADVISES THAT A ROTATING OUTAGE IS NO LONGER IMMINENT OR IN EFFECT.
   [RULE 1304 (a)]

8. THE ENGINE SHALL MEET ALL APPLICABLE REQUIREMENTS OF RULE 1470.
   [RULE 1470]

Emissions And Requirements:

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

   PM: RULE 404, SEE APPENDIX B FOR THE EMISSION LIMITS

FACILITY PERMIT TO OPERATE
MARTIN LUTHER KING JR./MACC

PERMIT TO OPERATE

Permit No.F5229
A/N 322762

Equipment Description:

INTERNAL COMBUSTION ENGINE, DETROIT DIESEL, EMERGENCY ELECTRICAL GENERATION, MODEL NO. 12V-149TIB, SERIAL NO. 12E10256, DIESEL-FUELED, 12 CYLINDERS, TURBOCHARGED, AFTERCOOLED, 1,750 BHP.

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. AN OPERATIONAL NON-RESETTABLE TOTALIZING TIME METER SHALL BE INSTALLED AND MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1304 (a)]

4. THIS ENGINE SHALL NOT BE OPERATED MORE THAN 200 HOURS IN ANY ONE YEAR, WHICH INCLUDES NO MORE THAN 40 HOURS IN ANY ONE YEAR FOR MAINTENANCE AND TESTING.
[RULE 1304 (a), 1470(C)(3)]

5. AN ENGINE OPERATING LOG SHALL BE KEPT AND MAINTAINED, DOCUMENTING THE TOTAL TIME THE ENGINE IS OPERATED EACH MONTH AND SPECIFIC REASON FOR OPERATION AS:

   A. EMERGENCY USE;

   B. MAINTENANCE AND TESTING;

   C. OTHER (DESCRIBE THE REASON FOR OPERATING).

   IN ADDITION, EACH TIME THE ENGINE IS MANUALLY STARTED, THE LOG SHALL INCLUDE THE DATE OF OPERATION, THE SPECIFIC REASON FOR OPERATION, AND THE TOTALIZING HOUR METER READING (IN HOURS AND TENTHS OF HOURS) AT THE BEGINNING AND END OF OPERATION.
   [RULE 1304 (a)]

FACILITY PERMIT TO OPERATE
MARTIN LUTHER KING JR./MACC

6. ON OR BEFORE JANUARY 15TH OF EACH YEAR, THE OPERATOR SHALL RECORD IN THE ENGINE OPERATING LOG THE FOLLOWING:

   A. THE TOTAL HOURS OF ENGINE OPERATION FOR THE PREVIOUS CALENDAR YEAR, AND

   B. THE TOTAL HOURS OF ENGINE OPERATION FOR MAINTENANCE AND TESTING FOR THE PREVIOUS CALENDAR YEAR.

   THE ENGINE OPERATING LOG SHALL BE RETAINED ON SITE FOR A MINIMUM OF FIVE CALENDAR YEARS AND SHALL BE MADE AVAILABLE TO THE EXECUTIVE OFFICER OR HIS REPRESENTATIVE UPON REQUEST.
   [RULE 1304 (a)]

7. THE OPERATION OF THIS ENGINE BEYOND 40 HOURS PER YEAR FOR MAINTENANCE AND PERFORMANCE TESTING SHALL BE ALLOWED ONLY IN THE EVENT OF A LOSS OF GRID POWER OR UP TO 30 MINUTES PRIOR TO A ROTATING OUTAGE, PROVIDED THAT THE UTILITY DISTRIBUTION COMPANY HAS ORDERED ROTATING OUTAGES IN THE CONTROL AREA WHERE THE ENGINE IS LOCATED OR HAS INDICATED THAT IT EXPECTS TO ISSUE SUCH AN ORDER AT A CERTAIN TIME, AND THE ENGINE IS LOCATED IN A UTILITY SERVICE BLOCK THAT IS SUBJECT TO THE ROTATING OUTAGE.

   ENGINE OPERATION SHALL BE TERMINATED IMMEDIATELY AFTER THE UTILITY DISTRIBUTION COMPANY ADVISES THAT A ROTATING OUTAGE IS NO LONGER IMMINENT OR IN EFFECT.
   [RULE 1304 (a)]

8. THE ENGINE SHALL MEET ALL APPLICABLE REQUIREMENTS OF RULE 1470.
   [RULE 1470]

Emissions And Requirements:

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

   PM: RULE 404, SEE APPENDIX B FOR THE EMISSION LIMITS

FACILITY PERMIT TO OPERATE
MARTIN LUTHER KING JR./MACC

PERMIT TO OPERATE

Permit No.F5231
A/N 322763

Equipment Description:

INTERNAL COMBUSTION ENGINE, DETROIT DIESEL, EMERGENCY ELECTRICAL GENERATION, MODEL NO. 12V-149TIB, SERIAL NO. 12E10289, DIESEL-FUELED, 12 CYLINDERS, TURBOCHARGED, AFTERCOOLED, 1,750 BHP.

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. AN OPERATIONAL NON-RESETTABLE TOTALIZING TIME METER SHALL BE INSTALLED AND MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1304 (a)]

4. THIS ENGINE SHALL NOT BE OPERATED MORE THAN 200 HOURS IN ANY ONE YEAR, WHICH INCLUDES NO MORE THAN 40 HOURS IN ANY ONE YEAR FOR MAINTENANCE AND TESTING.
[RULE 1304 (a), 1470(C)(3)]

5. AN ENGINE OPERATING LOG SHALL BE KEPT AND MAINTAINED, DOCUMENTING THE TOTAL TIME THE ENGINE IS OPERATED EACH MONTH AND SPECIFIC REASON FOR OPERATION AS:

   A. EMERGENCY USE;

   B. MAINTENANCE AND TESTING;

   C. OTHER (DESCRIBE THE REASON FOR OPERATING).

   IN ADDITION, EACH TIME THE ENGINE IS MANUALLY STARTED, THE LOG SHALL INCLUDE THE DATE OF OPERATION, THE SPECIFIC REASON FOR OPERATION, AND THE TOTALIZING HOUR METER READING (IN HOURS AND TENTHS OF HOURS) AT THE BEGINNING AND END OF OPERATION.
   [RULE 1304 (a)]

FACILITY PERMIT TO OPERATE
MARTIN LUTHER KING JR./MACC

6. ON OR BEFORE JANUARY 15TH OF EACH YEAR, THE OPERATOR SHALL RECORD IN THE ENGINE OPERATING LOG THE FOLLOWING:

   A. THE TOTAL HOURS OF ENGINE OPERATION FOR THE PREVIOUS CALENDAR YEAR, AND

   B. THE TOTAL HOURS OF ENGINE OPERATION FOR MAINTENANCE AND TESTING FOR THE PREVIOUS CALENDAR YEAR.

   THE ENGINE OPERATING LOG SHALL BE RETAINED ON SITE FOR A MINIMUM OF FIVE CALENDAR YEARS AND SHALL BE MADE AVAILABLE TO THE EXECUTIVE OFFICER OR HIS REPRESENTATIVE UPON REQUEST.
   [RULE 1304 (a)]

7. THE OPERATION OF THIS ENGINE BEYOND 40 HOURS PER YEAR FOR MAINTENANCE AND PERFORMANCE TESTING SHALL BE ALLOWED ONLY IN THE EVENT OF A LOSS OF GRID POWER OR UP TO 30 MINUTES PRIOR TO A ROTATING OUTAGE, PROVIDED THAT THE UTILITY DISTRIBUTION COMPANY HAS ORDERED ROTATING OUTAGES IN THE CONTROL AREA WHERE THE ENGINE IS LOCATED OR HAS INDICATED THAT IT EXPECTS TO ISSUE SUCH AN ORDER AT A CERTAIN TIME, AND THE ENGINE IS LOCATED IN A UTILITY SERVICE BLOCK THAT IS SUBJECT TO THE ROTATING OUTAGE.

   ENGINE OPERATION SHALL BE TERMINATED IMMEDIATELY AFTER THE UTILITY DISTRIBUTION COMPANY ADVISES THAT A ROTATING OUTAGE IS NO LONGER IMMINENT OR IN EFFECT.
   [RULE 1304 (a)]

8. THE ENGINE SHALL MEET ALL APPLICABLE REQUIREMENTS OF RULE 1470.
   [RULE 1470]

Emissions And Requirements:

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

   PM: RULE 404, SEE APPENDIX B FOR THE EMISSION LIMITS

FACILITY PERMIT TO OPERATE
MARTIN LUTHER KING JR./MACC

PERMIT TO OPERATE

Permit No.F5232
A/N 322764

Equipment Description:

INTERNAL COMBUSTION ENGINE, DETROIT DIESEL, EMERGENCY ELECTRICAL GENERATION, MODEL NO. 16V-149TI, SERIAL NO. 16E0004733, DIESEL-FUELED, 16 CYLINDERS, TURBOCHARGED, AFTERCOOLED, 1,540 BHP.

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. AN OPERATIONAL NON-RESETTABLE TOTALIZING TIME METER SHALL BE INSTALLED AND MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1304 (a)]

4. THIS ENGINE SHALL NOT BE OPERATED MORE THAN 200 HOURS IN ANY ONE YEAR, WHICH INCLUDES NO MORE THAN 40 HOURS IN ANY ONE YEAR FOR MAINTENANCE AND TESTING.
[RULE 1304 (a), 1470(C)(3)]

5. AN ENGINE OPERATING LOG SHALL BE KEPT AND MAINTAINED, DOCUMENTING THE TOTAL TIME THE ENGINE IS OPERATED EACH MONTH AND SPECIFIC REASON FOR OPERATION AS:

   A. EMERGENCY USE;

   B. MAINTENANCE AND TESTING;

   C. OTHER (DESCRIBE THE REASON FOR OPERATING).

   IN ADDITION, EACH TIME THE ENGINE IS MANUALLY STARTED, THE LOG SHALL INCLUDE THE DATE OF OPERATION, THE SPECIFIC REASON FOR OPERATION, AND THE TOTALIZING HOUR METER READING (IN HOURS AND TENTHS OF HOURS) AT THE BEGINNING AND END OF OPERATION.
   [RULE 1304 (a)]

FACILITY PERMIT TO OPERATE
MARTIN LUTHER KING JR./MACC

6. ON OR BEFORE JANUARY 15TH OF EACH YEAR, THE OPERATOR SHALL RECORD IN THE ENGINE OPERATING LOG THE FOLLOWING:

   A. THE TOTAL HOURS OF ENGINE OPERATION FOR THE PREVIOUS CALENDAR YEAR, AND

   B. THE TOTAL HOURS OF ENGINE OPERATION FOR MAINTENANCE AND TESTING FOR THE PREVIOUS CALENDAR YEAR.

   THE ENGINE OPERATING LOG SHALL BE RETAINED ON SITE FOR A MINIMUM OF FIVE CALENDAR YEARS AND SHALL BE MADE AVAILABLE TO THE EXECUTIVE OFFICER OR HIS REPRESENTATIVE UPON REQUEST.
   [RULE 1304 (a)]

7. THE OPERATION OF THIS ENGINE BEYOND 40 HOURS PER YEAR FOR MAINTENANCE AND PERFORMANCE TESTING SHALL BE ALLOWED ONLY IN THE EVENT OF A LOSS OF GRID POWER OR UP TO 30 MINUTES PRIOR TO A ROTATING OUTAGE, PROVIDED THAT THE UTILITY DISTRIBUTION COMPANY HAS ORDERED ROTATING OUTAGES IN THE CONTROL AREA WHERE THE ENGINE IS LOCATED OR HAS INDICATED THAT IT EXPECTS TO ISSUE SUCH AN ORDER AT A CERTAIN TIME, AND THE ENGINE IS LOCATED IN A UTILITY SERVICE BLOCK THAT IS SUBJECT TO THE ROTATING OUTAGE.

   ENGINE OPERATION SHALL BE TERMINATED IMMEDIATELY AFTER THE UTILITY DISTRIBUTION COMPANY ADVISES THAT A ROTATING OUTAGE IS NO LONGER IMMINENT OR IN EFFECT.
   [RULE 1304 (a)]

8. THE ENGINE SHALL MEET ALL APPLICABLE REQUIREMENTS OF RULE 1470.
   [RULE 1470]

Emissions And Requirements:

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

   PM: RULE 404, SEE APPENDIX B FOR THE EMISSION LIMITS

FACILITY PERMIT TO OPERATE
MARTIN LUTHER KING JR./MACC

PERMIT TO OPERATE

Permit No. P67591
A/N G02457

Equipment Description:

SPRAY BOOTH, BINKS, FLOOR TYPE, 11'-8" W X 7'-0" L X 7'-6" H, WITH 20" X 20" X 2" EXHAUST FILTERS AND ONE 3-HP EXHAUST FAN.

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 SPRAY BOOTH SHALL NOT BE OPERATED UNLESS ALL EXHAUST AIR PASSES THROUGH FILTER MEDIA AT LEAST 2 INCHES THICK.
[RULE 1303(a)(1)-BACT]

4. A GAUGE SHALL BE INSTALLED TO INDICATE IN INCHES OF WATER THE STATIC PRESSURE DIFFERENTIAL ACROSS THE FILTERS. IN OPERATION, THE PRESSURE DIFFERENTIAL MUST NOT EXCEED 0.25 INCHES OF WATER.
[RULE 1303(a)(1)-BACT]

5. THIS EQUIPMENT SHALL BE OPERATED IN COMPLIANCE WITH RULES 1107, 1136, AND 1171.
[RULE 1107, 1136, 1171]

6. THE TOTAL QUANTITY OF COATINGS, THINNERS, REDUCERS AND CLEAN-UP SOLVENTS USED IN THIS EQUIPMENT SHALL NOT EXCEED 6 GALLONS IN ANY ONE DAY.
[RULE 1303(b)(2)-OFFSET]

7. WITHIN 14 CALENDAR DAYS AFTER THE END OF EACH MONTH, THE OPERATOR SHALL TOTAL AND RECORD VOC AND HAP EMISSIONS FOR THE MONTH FROM ALL EQUIPMENT COVERED BY THE MONTHLY LIMIT. THE RECORD SHALL INCLUDE ANY PROCEDURES USED TO ACCOUNT FOR CONTROL DEVICE EFFICIENCIES AND/OR WASTE DISPOSAL. IT SHALL BE SIGNED AND CERTIFIED BY THE HIGHEST RANKING INDIVIDUAL RESPONSIBLE FOR THE COMPLIANCE OF THE DISTRICT RULES.
[RULE 109]

8. THE OPERATOR SHALL MAINTAIN A SINGLE LIST WHICH INCLUDES ONLY THE NAME AND ADDRESS OF EACH PERSON FROM WHOM THE FACILITY ACQUIRED VOC AND HAP-CONTAINING MATERIAL REGULATED BY THE DISTRICT THAT WAS USED OR STORED AT THE FACILITY DURING PRECEDING FIVE (5) YEARS.
[RULE 109]

FACILITY PERMIT TO OPERATE
MARTIN LUTHER KING JR./MACC

9. THE OPERATOR SHALL RETAIN ALL PURCHASE INVOICES FOR ALL VOC AND HAPS-CONTAINING MATERIAL USED OR STORED AT THE FACILITY AND ALL WASTE MANIFEST FOR VOC AND HAP- CONTAINING MATERIAL REMOVED FROM THE FACILITY, FOR FIVE (5) YEARS. [RULE 109]

10. ALL RECORDS REQUIRED BY THIS PERMIT SHALL BE RETAINED AT THE FACILITY FOR FIVE (5) YEARS, AND SHALL BE MADE AVAILABLE TO THE DISTRICT PERSONNEL UPON REQUEST. [RULE 109]

11. MATERIAL SAFETY DATA SHEETS FOR ALL COATINGS AND SOLVENTS USED AT THIS FACILITY SHALL BE KEPT CURRENT AND MADE AVAILABLE TO THE DISTRICT PERSONNEL UPON REQUEST.
[RULE 109]

Periodic Monitoring:

12. IN ADDITION TO THE REQUIREMENT OF RULE 109, THE OPERATOR SHALL KEEP ADEQUATE RECORDS FOR THIS EQUIPMENT TO VERIFY DAILY (AND CALENDER MONTHLY) VOLATILE ORGANIC COMPOUND (VOC) EMISSIONS IN POUNDS AND THE VOC CONTENT OF EACH MATERIAL AS APPLIED (INCLUDING WATER AND EXEMPT COMPOUNDS). ALL RECORDS SHALL BE PREPARED IN A FORMAT WHICH IS ACCEPTABLE TO THE DISTRICT, SHALL BE RETAINED ON THE PREMISES FOR AT LEAST FIVE YEARS, AND SHALL BE MADE AVAILABLE UPON REQUEST OF THE EXECUTIVE OFFICER OR HIS REPRESENTATIVE.
[RULE 1303(b)(2)-OFFSET, 1401]

Emissions And Requirements:

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

VOC: RULE 109
VOC: RULE 1107, SEE APPENDIX B FOR EMISSION LIMITS
VOC: RULE 1136, SEE APPENDIX B FOR EMISSION LIMITS
VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS
PM: RULE 481
PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS

FACILITY PERMIT TO OPERATE
MARTIN LUTHER KING JR./MACC

PERMIT TO OPERATE

Permit No.F57604
A/N 409585

Equipment Description:

INTERNAL COMBUSTION ENGINE, JOHN DEERE, EMERGENCY ELECTRICAL GENERATION, MODEL NO. 4039D, DIESEL-FUELED, 4 CYLINDERS, NATURALLY ASPIRATED, 66 BHP.

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. AN OPERATIONAL NON-RESETTABLE TOTALIZING TIME METER SHALL BE INSTALLED AND MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1304 (a)]

4. THIS ENGINE SHALL NOT BE OPERATED MORE THAN 200 HOURS IN ANY ONE YEAR, WHICH INCLUDES NO MORE THAN 40 HOURS IN ANY ONE YEAR FOR MAINTENANCE AND TESTING.
[RULE 1304 (a), 1470(C)(3)]

5. AN ENGINE OPERATING LOG SHALL BE KEPT AND MAINTAINED, DOCUMENTING THE TOTAL TIME THE ENGINE IS OPERATED EACH MONTH AND SPECIFIC REASON FOR OPERATION AS:

   A. EMERGENCY USE;

   B. MAINTENANCE AND TESTING;

   C. OTHER (DESCRIBE THE REASON FOR OPERATING).

   IN ADDITION, EACH TIME THE ENGINE IS MANUALLY STARTED, THE LOG SHALL INCLUDE THE DATE OF OPERATION, THE SPECIFIC REASON FOR OPERATION, AND THE TOTALIZING HOUR METER READING (IN HOURS AND TENTHS OF HOURS) AT THE BEGINNING AND END OF OPERATION.
   [RULE 1304 (a)]

FACILITY PERMIT TO OPERATE
MARTIN LUTHER KING JR./MACC

6. ON OR BEFORE JANUARY 15TH OF EACH YEAR, THE OPERATOR SHALL RECORD IN THE ENGINE OPERATING LOG THE FOLLOWING:

   A. THE TOTAL HOURS OF ENGINE OPERATION FOR THE PREVIOUS CALENDAR YEAR, AND

   B. THE TOTAL HOURS OF ENGINE OPERATION FOR MAINTENANCE AND TESTING FOR THE PREVIOUS CALENDAR YEAR.

   THE ENGINE OPERATING LOG SHALL BE RETAINED ON SITE FOR A MINIMUM OF FIVE CALENDAR YEARS AND SHALL BE MADE AVAILABLE TO THE EXECUTIVE OFFICER OR HIS REPRESENTATIVE UPON REQUEST.
   [RULE 1304 (a)]

7. THE OPERATION OF THIS ENGINE BEYOND 40 HOURS PER YEAR FOR MAINTENANCE AND PERFORMANCE TESTING SHALL BE ALLOWED ONLY IN THE EVENT OF A LOSS OF GRID POWER OR UP TO 30 MINUTES PRIOR TO A ROTATING OUTAGE, PROVIDED THAT THE UTILITY DISTRIBUTION COMPANY HAS ORDERED ROTATING OUTAGES IN THE CONTROL AREA WHERE THE ENGINE IS LOCATED OR HAS INDICATED THAT IT EXPECTS TO ISSUE SUCH AN ORDER AT A CERTAIN TIME, AND THE ENGINE IS LOCATED IN A UTILITY SERVICE BLOCK THAT IS SUBJECT TO THE ROTATING OUTAGE.

   ENGINE OPERATION SHALL BE TERMINATED IMMEDIATELY AFTER THE UTILITY DISTRIBUTION COMPANY ADVISES THAT A ROTATING OUTAGE IS NO LONGER IMMINENT OR IN EFFECT.
   [RULE 1304 (a)]

8. THE ENGINE SHALL MEET ALL APPLICABLE REQUIREMENTS OF RULE 1470.
   [RULE 1470]

Emissions And Requirements:

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

   PM: RULE 404, SEE APPENDIX B FOR THE EMISSION LIMITS
   PM: 0.4 GM/BHP-HR- RULE 1303 (a) (1) - BACT
   NOX: 10.0 GM/BHP-HR OR TURBOCHARGED AND 4° TIMING RETARD- RULE 1303 (a) (1) - BACT

FACILITY PERMIT TO OPERATE
MARTIN LUTHER KING JR./MACC

PERMIT TO OPERATE

Permit No.G15777
A/N 524583

Equipment Description:

INTERNAL COMBUSTION ENGINE, NO.1, CATERPILLAR, MODEL NO. 3516C DITA, DIESEL-FUELED, 16 CYLINDERS, TURBOCHARGED, AFTERCOOLED, RATED AT 3604 BHP, DRIVING A 2500 KW EMERGENCY ELECTRICAL GENERATOR, WITH A DIESEL PARTICULATE FILTER, ACTIVE REGENERATION TYPE, RYPOS, MODEL HDPF/C ADPF-6, AND A BACKPRESSURE MONITOR.

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 ENGINE SHALL NOT OPERATE MORE THAN 200 HOURS IN ANY ONE YEAR, WHICH INCLUDES NO MORE THAN 50 HOURS IN ANY ONE YEAR FOR MAINTENANCE AND TESTING AND NO MORE THAN 4.2 HOURS IN ANY ONE MONTH FOR MAINTENANCE AND TESTING.
[RULE 1304(a)-MODELING, RULE 1303(b)(2)-OFFSET, RULE 1110.2, RULE 1470]

4. THE OPERATION OF ENGINE BEYOND THE 50 HOURS PER YEAR ALLOTTED FOR ENGINE MAINTENANCE AND TESTING SHALL BE ALLOWED ONLY IN THE EVENT OF A LOSS OF GRID POWER OR UP TO 30 MINUTES PRIOR TO A ROTATING OUTAGE, PROVIDED THAT THE ELECTRICAL GRID OPERATOR OR ELECTRIC UTILITY HAS ORDERED ROTATING OUTAGES IN THE CONTROL AREA WHERE THE ENGINE IS LOCATED OR HAS INDICATED THAT IT EXPECTS TO ISSUE SUCH AN ORDER AT A CERTAIN TIME, AND THE ENGINE IS LOCATED IN A UTILITY SERVICE BLOCK THAT IS SUBJECT TO THE ROTATING OUTAGE. ENGINE OPERATION SHALL BE TERMINATED IMMEDIATELY AFTER THE UTILITY DISTRIBUTION COMPANY ADVISES THAT A ROTATING OUTAGE IS NO LONGER IMMINENT OR IN EFFECT.
[RULE 1304(a)-MODELING, RULE 1303(b)(2)-OFFSET, RULE 1110.2, RULE 1470]

5. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS ITS EXHAUST IS VENTED TO A DIESEL PARTICULATE FILTER SYSTEM WHICH IS IN FULL OPERATION AND IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 1303(a)(1)-BACT]

6. THE OPERATOR SHALL OPERATE THE DIESEL PARTICULATE FILTER SYSTEM WITH AN OPERATIONAL BACKPRESSURE MONITOR.
[RULE 1303(a)(1)-BACT]

FACILITY PERMIT TO OPERATE
MARTIN LUTHER KING JR./MACC

7. AN OPERATIONAL NON-RESETTABLE TOTALIZING TIME METER SHALL BE INSTALLED AND MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1303(a)(1)-BACT, RULE 1110.2]

8. AN ENGINE OPERATING LOG SHALL BE KEPT AND SHALL DOCUMENT THE TOTAL TIME THE ENGINE IS OPERATED EACH MONTH AND SPECIFIC REASON FOR OPERATION AS:

A. EMERGENCY USE.
B. MAINTENANCE AND TESTING.
C. OTHER (DESCRIBE THE REASON FOR OPERATING).

IN ADDITION, EACH TIME THE ENGINE IS MANUALLY STARTED, THE LOG SHALL INCLUDE THE DATE OF OPERATION, THE SPECIFIC REASON FOR OPERATION, AND THE TIME METER READING (IN HOURS AND TENTHS OF HOURS) AT THE BEGINNING AND END OF OPERATION.
[RULE 1303(b)(2)-OFFSET, RULE 1110.2, RULE 1470]

9. ON OR BEFORE JANUARY 15 TH OF EACH YEAR, THE OPERATOR SHALL RECORD IN THE ENGINE OPERATING LOG THE FOLLOWING:

A. THE TOTAL HOURS OF OPERATION FOR THE PREVIOUS CALENDAR YEAR, AND
B. THE TOTAL HOURS OF ENGINE OPERATION FOR MAINTENANCE AND TESTING FOR THE PREVIOUS CALENDAR YEAR.

ENGINE OPERATING LOG SHALL BE RETAINED ON SITE FOR A MINIMUM OF FIVE CALENDAR YEARS AND SHALL BE MADE AVAILABLE TO THE EXECUTIVE OFFICER OR REPRESENTATIVE UPON REQUEST.
[RULE 1303(b)(2)-OFFSET, RULE 1110.2, RULE 1470]

10. THIS OPERATOR SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULE 431.2.
[RULE 431.2]

11. THIS OPERATOR SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULE 1470.
[RULE 1470]

12. REMOVAL OF THE DIESEL PARTICULATE FILTER'S MEDIA FOR CLEANING MAY ONLY OCCUR UNDER THE FOLLOWING CONDITIONS:

A. THE INTERNAL COMBUSTION ENGINE SHALL NOT BE OPERATED FOR MAINTENANCE AND TESTING OR ANY OTHER NON-EMERGENCY USE WHILE THE DIESEL PARTICULATE FILTER MEDIA IS REMOVED; AND

B. THE DIESEL PARTICULATE FILTER'S MEDIA SHALL BE RETURNED AND RE-INSTALLED WITHIN 10 WORKING DAYS FROM THE DATE OF REMOVAL; AND

C. THE OWNER OR OPERATOR SHALL MAINTAIN RECORDS INDICATING THE DATE(S) THE DIESEL PARTICULATE FILTER'S MEDIA WAS REMOVED FOR CLEANING AND THE DATE(S) THE FILTER MEDIA WAS RE-INSTALLED. RECORDS SHALL BE RETAINED FOR A MINIMUM PERIOD OF 60 MONTHS.

[RULE 1470]

FACILITY PERMIT TO OPERATE
MARTIN LUTHER KING JR./MACC

Emissions And Requirements:

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

NOx+NMHC: 4.8 GRAMS/BHP-HR, RULE 1303(a)(1)-BACT
CO: 2.6 GRAMS/BHP-HR, RULE 1303(a)(1)-BACT
PM: 0.01 GRAM/BHP-HR, RULE 1303(a)(1)-BACT
PM: 0.15 GRAM/BHP-HR, RULE 1470
PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS

FACILITY PERMIT TO OPERATE
MARTIN LUTHER KING JR./MACC

PERMIT TO OPERATE

Permit No. G20838
A/N 524585

Equipment Description:

INTERNAL COMBUSTION ENGINE, NO.2, CATERPILLAR, MODEL NO. 3516C DITA, DIESEL-FUELED, 16 CYLINDERS, TURBOCHARGED, AFTERCOOLED, RATED AT 3604 BHP, DRIVING A 2500 KW EMERGENCY ELECTRICAL GENERATOR, WITH A DIESEL PARTICULATE FILTER, ACTIVE REGENERATION TYPE, RYPOS, MODEL HDPF/C ADPF-6, AND A BACKPRESSURE MONITOR.

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 ENGINE SHALL NOT OPERATE MORE THAN 200 HOURS IN ANY ONE YEAR, WHICH INCLUDES NO MORE THAN 50 HOURS IN ANY ONE YEAR FOR MAINTENANCE AND TESTING AND NO MORE THAN 4.2 HOURS IN ANY ONE MONTH FOR MAINTENANCE AND TESTING.
[RULE 1304(a)-MODELING, RULE 1303(b)(2)-OFFSET, RULE 1110.2, RULE 1470]

4. THE OPERATION OF ENGINE BEYOND THE 50 HOURS PER YEAR ALLOTTED FOR ENGINE MAINTENANCE AND TESTING SHALL BE ALLOWED ONLY IN THE EVENT OF A LOSS OF GRID POWER OR UP TO 30 MINUTES PRIOR TO A ROTATING OUTAGE, PROVIDED THAT THE ELECTRICAL GRID OPERATOR OR ELECTRIC UTILITY HAS ORDERED ROTATING OUTAGES IN THE CONTROL AREA WHERE THE ENGINE IS LOCATED OR HAS INDICATED THAT IT EXPECTS TO ISSUE SUCH AN ORDER AT A CERTAIN TIME, AND THE ENGINE IS LOCATED IN A UTILITY SERVICE BLOCK THAT IS SUBJECT TO THE ROTATING OUTAGE. ENGINE OPERATION SHALL BE TERMINATED IMMEDIATELY AFTER THE UTILITY DISTRIBUTION COMPANY ADVISES THAT A ROTATING OUTAGE IS NO LONGER IMMINENT OR IN EFFECT.
[RULE 1304(a)-MODELING, RULE 1303(b)(2)-OFFSET, RULE 1110.2, RULE 1470]

5. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS ITS EXHAUST IS VENTED TO A DIESEL PARTICULATE FILTER SYSTEM WHICH IS IN FULL OPERATION AND IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 1303(a)(1)-BACT]

6. THE OPERATOR SHALL OPERATE THE DIESEL PARTICULATE FILTER SYSTEM WITH AN OPERATIONAL BACKPRESSURE MONITOR.
[RULE 1303(a)(1)-BACT]

FACILITY PERMIT TO OPERATE
MARTIN LUTHER KING JR./MACC

7. AN OPERATIONAL NON-RESETTABLE TOTALIZING TIME METER SHALL BE INSTALLED AND MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1303(a)(1)-BACT, RULE 1110.2]

8. AN ENGINE OPERATING LOG SHALL BE KEPT AND SHALL DOCUMENT THE TOTAL TIME THE ENGINE IS OPERATED EACH MONTH AND SPECIFIC REASON FOR OPERATION AS:

   A. EMERGENCY USE.
   B. MAINTENANCE AND TESTING.
   C. OTHER (DESCRIBE THE REASON FOR OPERATING).

   IN ADDITION, EACH TIME THE ENGINE IS MANUALLY STARTED, THE LOG SHALL INCLUDE THE DATE OF OPERATION, THE SPECIFIC REASON FOR OPERATION, AND THE TIME METER READING (IN HOURS AND TENTHS OF HOURS) AT THE BEGINNING AND END OF OPERATION.
   [RULE 1303(b)(2)-OFFSET, RULE 1110.2, RULE 1470]

9. ON OR BEFORE JANUARY 15 TH OF EACH YEAR, THE OPERATOR SHALL RECORD IN THE ENGINE OPERATING LOG THE FOLLOWING:

   A. THE TOTAL HOURS OF OPERATION FOR THE PREVIOUS CALENDAR YEAR, AND
   B. THE TOTAL HOURS OF ENGINE OPERATION FOR MAINTENANCE AND TESTING FOR THE PREVIOUS CALENDAR YEAR.

   ENGINE OPERATING LOG SHALL BE RETAINED ON SITE FOR A MINIMUM OF FIVE CALENDAR YEARS AND SHALL BE MADE AVAILABLE TO THE EXECUTIVE OFFICER OR REPRESENTATIVE UPON REQUEST.
   [RULE 1303(b)(2)-OFFSET, RULE 1110.2, RULE 1470]

10. THIS OPERATOR SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULE 431.2.
[RULE 431.2]

11. THIS OPERATOR SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULE 1470.
[RULE 1470]

12. REMOVAL OF THE DIESEL PARTICULATE FILTER'S MEDIA FOR CLEANING MAY ONLY OCCUR UNDER THE FOLLOWING CONDITIONS:

   A. THE INTERNAL COMBUSTION ENGINE SHALL NOT BE OPERATED FOR MAINTENANCE AND TESTING OR ANY OTHER NON-EMERGENCY USE WHILE THE DIESEL PARTICULATE FILTER MEDIA IS REMOVED; AND

   B. THE DIESEL PARTICULATE FILTER'S MEDIA SHALL BE RETURNED AND RE-INSTALLED WITHIN 10 WORKING DAYS FROM THE DATE OF REMOVAL; AND

   C. THE OWNER OR OPERATOR SHALL MAINTAIN RECORDS INDICATING THE DATE(S) THE DIESEL PARTICULATE FILTER'S MEDIA WAS REMOVED FOR CLEANING AND THE DATE(S) THE FILTER MEDIA WAS RE-INSTALLED. RECORDS SHALL BE RETAINED FOR A MINIMUM PERIOD OF 60 MONTHS.

   [RULE 1470]

FACILITY PERMIT TO OPERATE
MARTIN LUTHER KING JR./MACC

Emissions And Requirements:

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

NOx+NMHC: 4.8 GRAMS/BHP-HR, RULE 1303(a)(1)-BACT
CO: 2.6 GRAMS/BHP-HR, RULE 1303(a)(1)-BACT
PM: 0.01 GRAM/BHP-HR, RULE 1303(a)(1)-BACT
PM: 0.15 GRAM/BHP-HR, RULE 1470
PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS

FACILITY PERMIT TO OPERATE
MARTIN LUTHER KING JR./MACC

PERMIT TO OPERATE

Permit No. G20839
A/N 524586

Equipment Description:

INTERNAL COMBUSTION ENGINE, NO.3, CATERPILLAR, MODEL NO. 3516C DITA, DIESEL-FUELED, 16 CYLINDERS, TURBOCHARGED, AFTERCOOLED, RATED AT 3604 BHP, DRIVING A 2500 KW EMERGENCY ELECTRICAL GENERATOR, WITH A DIESEL PARTICULATE FILTER, ACTIVE REGENERATION TYPE, RYPOS, MODEL HDPF/C ADPF-6, AND A BACKPRESSURE MONITOR.

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 ENGINE SHALL NOT OPERATE MORE THAN 200 HOURS IN ANY ONE YEAR, WHICH INCLUDES NO MORE THAN 50 HOURS IN ANY ONE YEAR FOR MAINTENANCE AND TESTING AND NO MORE THAN 4.2 HOURS IN ANY ONE MONTH FOR MAINTENANCE AND TESTING.
[RULE 1304(a)-MODELING, RULE 1303(b)(2)-OFFSET, RULE 1110.2, RULE 1470]

4. THE OPERATION OF ENGINE BEYOND THE 50 HOURS PER YEAR ALLOTTED FOR ENGINE MAINTENANCE AND TESTING SHALL BE ALLOWED ONLY IN THE EVENT OF A LOSS OF GRID POWER OR UP TO 30 MINUTES PRIOR TO A ROTATING OUTAGE, PROVIDED THAT THE ELECTRICAL GRID OPERATOR OR ELECTRIC UTILITY HAS ORDERED ROTATING OUTAGES IN THE CONTROL AREA WHERE THE ENGINE IS LOCATED OR HAS INDICATED THAT IT EXPECTS TO ISSUE SUCH AN ORDER AT A CERTAIN TIME, AND THE ENGINE IS LOCATED IN A UTILITY SERVICE BLOCK THAT IS SUBJECT TO THE ROTATING OUTAGE. ENGINE OPERATION SHALL BE TERMINATED IMMEDIATELY AFTER THE UTILITY DISTRIBUTION COMPANY ADVISES THAT A ROTATING OUTAGE IS NO LONGER IMMINENT OR IN EFFECT.
[RULE 1304(a)-MODELING, RULE 1303(b)(2)-OFFSET, RULE 1110.2, RULE 1470]

5. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS ITS EXHAUST IS VENTED TO A DIESEL PARTICULATE FILTER SYSTEM WHICH IS IN FULL OPERATION AND IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 1303(a)(1)-BACT]

6. THE OPERATOR SHALL OPERATE THE DIESEL PARTICULATE FILTER SYSTEM WITH AN OPERATIONAL BACKPRESSURE MONITOR.
[RULE 1303(a)(1)-BACT]

FACILITY PERMIT TO OPERATE
MARTIN LUTHER KING JR./MACC

7. AN OPERATIONAL NON-RESETTABLE TOTALIZING TIME METER SHALL BE INSTALLED AND MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1303(a)(1)-BACT, RULE 1110.2]

8. AN ENGINE OPERATING LOG SHALL BE KEPT AND SHALL DOCUMENT THE TOTAL TIME THE ENGINE IS OPERATED EACH MONTH AND SPECIFIC REASON FOR OPERATION AS:

A. EMERGENCY USE.
B. MAINTENANCE AND TESTING.
C. OTHER (DESCRIBE THE REASON FOR OPERATING).

IN ADDITION, EACH TIME THE ENGINE IS MANUALLY STARTED, THE LOG SHALL INCLUDE THE DATE OF OPERATION, THE SPECIFIC REASON FOR OPERATION, AND THE TIME METER READING (IN HOURS AND TENTHS OF HOURS) AT THE BEGINNING AND END OF OPERATION.
[RULE 1303(b)(2)-OFFSET, RULE 1110.2, RULE 1470]

9. ON OR BEFORE JANUARY 15 TH OF EACH YEAR, THE OPERATOR SHALL RECORD IN THE ENGINE OPERATING LOG THE FOLLOWING:

A. THE TOTAL HOURS OF OPERATION FOR THE PREVIOUS CALENDAR YEAR, AND
B. THE TOTAL HOURS OF ENGINE OPERATION FOR MAINTENANCE AND TESTING FOR THE PREVIOUS CALENDAR YEAR.

ENGINE OPERATING LOG SHALL BE RETAINED ON SITE FOR A MINIMUM OF FIVE CALENDAR YEARS AND SHALL BE MADE AVAILABLE TO THE EXECUTIVE OFFICER OR REPRESENTATIVE UPON REQUEST.
[RULE 1303(b)(2)-OFFSET, RULE 1110.2, RULE 1470]

10. THIS OPERATOR SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULE 431.2.
[RULE 431.2]

11. THIS OPERATOR SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULE 1470.
[RULE 1470]

12. REMOVAL OF THE DIESEL PARTICULATE FILTER'S MEDIA FOR CLEANING MAY ONLY OCCUR UNDER THE FOLLOWING CONDITIONS:

A. THE INTERNAL COMBUSTION ENGINE SHALL NOT BE OPERATED FOR MAINTENANCE AND TESTING OR ANY OTHER NON-EMERGENCY USE WHILE THE DIESEL PARTICULATE FILTER MEDIA IS REMOVED; AND

B. THE DIESEL PARTICULATE FILTER'S MEDIA SHALL BE RETURNED AND RE-INSTALLED WITHIN 10 WORKING DAYS FROM THE DATE OF REMOVAL; AND

C. THE OWNER OR OPERATOR SHALL MAINTAIN RECORDS INDICATING THE DATE(S) THE DIESEL PARTICULATE FILTER'S MEDIA WAS REMOVED FOR CLEANING AND THE DATE(S) THE FILTER MEDIA WAS RE-INSTALLED. RECORDS SHALL BE RETAINED FOR A MINIMUM PERIOD OF 60 MONTHS.

[RULE 1470]

FACILITY PERMIT TO OPERATE
MARTIN LUTHER KING JR./MACC

Emissions And Requirements:

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

NOx+NMHC: 4.8 GRAMS/BHP-HR, RULE 1303(a)(1)-BACT
CO: 2.6 GRAMS/BHP-HR, RULE 1303(a)(1)-BACT
PM: 0.01 GRAM/BHP-HR, RULE 1303(a)(1)-BACT
PM: 0.15 GRAM/BHP-HR, RULE 1470
PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS

FACILITY PERMIT TO OPERATE
MARTIN LUTHER KING JR./MACC

PERMIT TO CONSTRUCT/OPERATE

Permit No. TBD
A/N 541183

Equipment Description:

PROCESS THERMAL FLUID HEATER, NO. 1, HOT OIL HEATING MEDIUM, FULTON BOILER WORKS, MODEL NO. FT-1400C, WITH ONE LOW NOX BURNER, MAXON, MODEL NO. OPTIMA SLS ULTRA, NATURAL GAS FIRED, RATED AT 17.5 MMBTU/HR, WITH A 50 H.P. COMBUSTION AIR BLOWER.

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 NOT EMIT MORE THAN 20 PPM OF OXIDES OF NITROGEN (NOX), CALCULATED AS NO2, AND NO MORE THAN 100 PPM OF CARBON MONOXIDE (CO) MEASURED BY VOLUME ON A DRY BASIS AT 3% O2.
[RULE 1303(a)-BACT]

4. THE COMBUSTION BURNER SHALL BE INSPECTED AND MAINTAINED PER THE MANUFACTURER'S SCHEDULE AND SPECIFICATIONS. RECORDS SHALL BE KEPT ON FILE FOR INSPECTIONS AND MAINTENANCE, INCLUDING THE SCHEDULE AND INSTRUCTIONS, FOR AT LEAST THREE YEARS.
[RULE 1303(a)-BACT, RULE 1146]

6. THE OPERATOR SHALL MONITOR AND RECORD THE FACILITY CALENDAR MONTHLY NATURAL GAS USAGE AS TAKEN FROM THE FACILITY MASTER METER. ALL RECORDS SHALL BE MAINTAINED FOR A PERIOD FOR TWO (2) YEARS AND MADE AVAILABLE TO THE EXECUTIVE OFFICER OR HIS REPRESENTATIVE UPON REQUEST.
[40 CFR 60.48c (g)(3)]

7. THE OWNER OR OPERATOR OF THIS EQUIPMENT SHALL CONDUCT SOURCE TESTS ON THE EQUIPMENT UNDER THE FOLLOWING CONDITIONS:

   A. A SOURCE TEST PROTOCOL SHALL BE SUBMITTED FOR THE EXECUTIVE OFFICER'S REVIEW AND APPROVAL PRIOR TO THE COMMENCEMENT OF TESTING.

   B. SOURCE TESTING SHALL BE CONDUCTED WITHIN 30 DAYS AFTER ACHIEVING MAXIMUM PRODUCTION RATE AT WHICH THE EQUIPMENT WILL BE OPERATED, BUT NO LATER THAN 90 DAYS AFTER INITIAL START-UP.

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C. THE SOURCE TESTS SHALL BE PERFORMED TO VERIFY COMPLIANCE WITH THE NOX AND CO EMISSION LIMITS SPECIFIED IN CONDITION NO. 3.

D. THE SOURCE TESTS SHALL BE CONDUCTED IN ACCORDANCE WITH SCAQMD METHOD 100.1

E. THE TESTS SHALL BE PERFORMED WHEN THE UNIT IS OPERATING AT NORMAL CONDITIONS. THE SAMPLING DURATION SHALL BE AT LEAST 15 AND NO MORE THAN 60 CONSECUTIVE MINUTES.

F. TWO COMPLETE COPIES OF SOURCE TEST REPORTS (INCLUDE THE APPLICATION NUMBER AND A COPY OF THE PERMIT IN THE REPORT) SHALL BE SUBMITTED TO THE DISTRICT (ADDRESSED TO SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT, ATTN: MARCEL SAULIS, P.O. BOX 4941, DIAMOND BAR, CA 91765). THE RESULTS SHALL BE SUBMITTED WITHIN 45 DAYS AFTER THE SOURCE TEST IS COMPLETED. THE REPORT SHALL INCLUDE, BUT NOT BE LIMITED TO EMISSION RATES IN POUNDS PER HOUR AND CONCENTRATIONS IN PPMV AT THE OUTLET OF THE UNIT, MEASURED ON A DRY BASIS AT 3% OXYGEN. THE FOLLOWING OPERATING DATA SHALL ALSO BE INCLUDED FOR EACH FIRING RATE:

I. THE EXHAUST FLOW RATES IN ACTURAL CUBIC FEET PER MINUTE (ACFM).
II. THE FIRING RATES IN BTU PER HOUR.
III. THE OXYGEN CONTENT OF THE EXHAUST GASES IN PERCENT.
IV. THE FUEL FLOW RATE.

G. A TESTING LABORATORY CERTIFIED BY THE CALIFORNIA AIR RESOURCES BOARD IN THE REQUIRED TEST METHODS FOR CRITERIA POOLUTANTS TO BE MEASURED, AND IN COMPLIANCE WITH DISTRICT RULE 304 (NO CONFLICT OF INTEREST) SHALL CONDUCT THE TEST.

H. SAMPLING FACILITIES SHALL COMPLY WITH THE DISTRICT GUIDELINES FOR CONSTRUCTION OF SAMPLING AND TESTING FACILITIES PURSUANT TO RULE 217.
[RULE 1146, RULE 1303(a)-BACT, RULE 304, RULE 217]

8. THE OWNER OR OPERATOR OF THIS EQUIPMENT SHALL MAINTAIN ADEQUATE RECORDS IN ORDER TO VERIFY COMPLIANCE WITH ALL CONDITIONS SPECIFIED IN THIS PERMIT. ALL RECORDS REQUIRED BY THIS PERMIT SHALL BE PREPARED IN A FORMAT WHICH IS ACCEPTABLE TO THE DISTRICT, RETAINED AT THE FACILITY FOR FIVE YEARS, AND SHALL BE MADE AVAILABLE TO ANY DISTRICT REPRESENTATIVE UPON REQUEST.
[RULE 1146]

9. THIS EQUIPMENT SHALL COMPLY WITH RULE 1146.
[RULE 1146]

Periodic Monitoring:

10. THE OPERATOR OR CONTRACTOR IN-CHARGE OF EQUIPMENT OPERATION SHALL PERFORM THE FOLLOWING PROCEDURES:

PERIODIC TESTING OF NOX AND CO EMISSIONS USING A PORTABLE ANALYZER TAKEN IN ACCORDANCE WITH THE "PROTOCOL FOR THE PERIODIC MONITORING OF NITROGEN OXIDES,

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CARBON MONOXIDE, AND OXYGEN FROM UNITS SUBJECT TO SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT RULES 1146 AND 1146.1". EMISSION READINGS SHALL BE TAKEN AT THE EXHAUST OUTLET EVERY MINUTE FOR 15 MINUTES. THE TESTS SHALL BE CONDUCTED WHEN THE UNIT IS OPERATING AT NORMAL CONDITION AND SHALL BE DONE AT LEAST MONTHLY OR EVERY 750 OPERATING HOURS WHICHEVER OCCURS LATER. THE TESTS SHALL BE CONDUCTED BY THE OPERATOR WHO HAS COMPLETED AN AQMD TRAINING PROGRAM AND RECEIVED A CERTICATION ISSUED BY THE DISTRICT.

IF THE UNIT IS IN COMPLIANCE FOR THREE CONSECUTIVE REQUIRED EMISSION CHECKS, WITHOUT ANY ADJUSTMENTS TO THE OXYGEN SENSOR SET POINTS, THEN THE UNIT MAY BE CHECKED QUARTERLY OR EVERY 2000 UNIT OPERATING HOURS WHICHEVER OCCURS LATER, UNTIL THERE IS AN EMISSION CHECK INDICATING NONCOMPLIANCE.

MONITORING RECORDS SHALL BE MAINTAINED FOR A ROLLING TWELVE MONTH PERIOD OF FIVE YEARS AND SHALL BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST. [RULE 3004(a), RULE 1146]

11. THE OPERATOR SHALL CONDUCT SOURCE TESTING FOR NOX, CO AND O2 (CONCENTRATION IN PPM BY VOLUME, CORRECTED TO 3% O2 ON A DRY BASIS) AT LEAST ONCE EVERY THREE YEARS. ALL EMISSION DETERMINATIONS SHALL BE MADE IN THE AS-FOUND OPERATING CONDITION. TESTING SHALL BE CONDUCTED AT LEAST 250 OPERATING HOURS, OR AT LEAST 30 DAYS SUBSEQUENT TO THE TUNING OR SERVICING OF ANY UNIT, UNLESS IT IS AN UNSCHEDULED REPAIR.
[RULE 3004(a), RULE 1146]

Emissions And Requirements:

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

NOX: 30 PPMV, RULE 1146
NOX: 20 PPMV, RULE 1303(a)-BACT
CO: 2000 PPMV, RULE 407
CO: 400 PPMV, RULE 1146
CO: 100 PPMV, RULE 1303(a)-BACT
SOX: 500 PPMV, RULE 407
PM: 0.1 GR/SCF RULE 473
PM: 0.1 GR/SCF, RULE 409
PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS

FACILITY PERMIT TO OPERATE
MARTIN LUTHER KING JR./MACC

PERMIT TO CONSTRUCT/OPERATE

Permit No. TBD
A/N 541184

Equipment Description:

PROCESS THERMAL FLUID HEATER, HOT OIL HEATING MEDIUM, NO. 2, FULTON BOILER WORKS, MODEL NO. FT-1400C, WITH ONE LOW NOX BURNER, MAXON, MODEL NO. OPTIMA SLS ULTRA, NATURAL GAS FIRED, RATED AT 17.5 MMBTU/HR, WITH A 50 H.P. COMBUSTION AIR BLOWER.

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 NOT EMIT MORE THAN 20 PPM OF OXIDES OF NITROGEN (NOX), CALCULATED AS NO2, AND NO MORE THAN 100 PPM OF CARBON MONOXIDE (CO) MEASURED BY VOLUME ON A DRY BASIS AT 3% O2.
[RULE 1303(a)-BACT]

4. THE COMBUSTION BURNER SHALL BE INSPECTED AND MAINTAINED PER THE MANUFACTURER'S SCHEDULE AND SPECIFICATIONS. RECORDS SHALL BE KEPT ON FILE FOR INSPECTIONS AND MAINTENANCE, INCLUDING THE SCHEDULE AND INSTRUCTIONS, FOR AT LEAST THREE YEARS.
[RULE 1303(a)-BACT, RULE 1146]

6. THE OPERATOR SHALL MONITOR AND RECORD THE FACILITY CALENDAR MONTHLY NATURAL GAS USAGE AS TAKEN FROM THE FACILITY MASTER METER. ALL RECORDS SHALL BE MAINTAINED FOR A PERIOD FOR TWO (2) YEARS AND MADE AVAILABLE TO THE EXECUTIVE OFFICER OR HIS REPRESENTATIVE UPON REQUEST.
[40 CFR 60.48c (g)(3)]

7. THE OWNER OR OPERATOR OF THIS EQUIPMENT SHALL CONDUCT SOURCE TESTS ON THE EQUIPMENT UNDER THE FOLLOWING CONDITIONS:

   A. A SOURCE TEST PROTOCOL SHALL BE SUBMITTED FOR THE EXECUTIVE OFFICER'S REVIEW AND APPROVAL PRIOR TO THE COMMENCEMENT OF TESTING.

   B. SOURCE TESTING SHALL BE CONDUCTED WITHIN 30 DAYS AFTER ACHIEVING MAXIMUM PRODUCTION RATE AT WHICH THE EQUIPMENT WILL BE OPERATED, BUT NO LATER THAN 90 DAYS AFTER INITIAL START-UP.

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C. THE SOURCE TESTS SHALL BE PERFORMED TO VERIFY COMPLIANCE WITH THE NOX AND CO EMISSION LIMITS SPECIFIED IN CONDITION NO. 3.

D. THE SOURCE TESTS SHALL BE CONDUCTED IN ACCORDANCE WITH SCAQMD METHOD 100.1

E. THE TESTS SHALL BE PERFORMED WHEN THE UNIT IS OPERATING AT NORMAL CONDITIONS. THE SAMPLING DURATION SHALL BE AT LEAST 15 AND NO MORE THAN 60 CONSECUTIVE MINUTES.

F. TWO COMPLETE COPIES OF SOURCE TEST REPORTS (INCLUDE THE APPLICATION NUMBER AND A COPY OF THE PERMIT IN THE REPORT) SHALL BE SUBMITTED TO THE DISTRICT (ADDRESSED TO SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT, ATTN: MARCEL SAULIS, P.O. BOX 4941, DIAMOND BAR, CA 91765). THE RESULTS SHALL BE SUBMITTED WITHIN 45 DAYS AFTER THE SOURCE TEST IS COMPLETED. THE REPORT SHALL INCLUDE, BUT NOT BE LIMITED TO EMISSION RATES IN POUNDS PER HOUR AND CONCENTRATIONS IN PPMV AT THE OUTLET OF THE UNIT, MEASURED ON A DRY BASIS AT 3% OXYGEN. THE FOLLOWING OPERATING DATA SHALL ALSO BE INCLUDED FOR EACH FIRING RATE:

I. THE EXHAUST FLOW RATES IN ACTURAL CUBIC FEET PER MINUTE (ACFM).
II. THE FIRING RATES IN BTU PER HOUR.
III. THE OXYGEN CONTENT OF THE EXHAUST GASES IN PERCENT.
IV. THE FUEL FLOW RATE.

G. A TESTING LABORATORY CERTIFIED BY THE CALIFORNIA AIR RESOURCES BOARD IN THE REQUIRED TEST METHODS FOR CRITERIA POOLUTANTS TO BE MEASURED, AND IN COMPLIANCE WITH DISTRICT RULE 304 (NO CONFLICT OF INTEREST) SHALL CONDUCT THE TEST.

H. SAMPLING FACILITIES SHALL COMPLY WITH THE DISTRICT GUIDELINES FOR CONSTRUCTION OF SAMPLING AND TESTING FACILITIES PURSUANT TO RULE 217.
[RULE 1146, RULE 1303(a)-BACT, RULE 304, RULE 217]

8. THE OWNER OR OPERATOR OF THIS EQUIPMENT SHALL MAINTAIN ADEQUATE RECORDS IN ORDER TO VERIFY COMPLIANCE WITH ALL CONDITIONS SPECIFIED IN THIS PERMIT. ALL RECORDS REQUIRED BY THIS PERMIT SHALL BE PREPARED IN A FORMAT WHICH IS ACCEPTABLE TO THE DISTRICT, RETAINED AT THE FACILITY FOR FIVE YEARS, AND SHALL BE MADE AVAILABLE TO ANY DISTRICT REPRESENTATIVE UPON REQUEST.
[RULE 1146]

9. THIS EQUIPMENT SHALL COMPLY WITH RULE 1146.
[RULE 1146]

Periodic Monitoring:

10. THE OPERATOR OR CONTRACTOR IN-CHARGE OF EQUIPMENT OPERATION SHALL PERFORM THE FOLLOWING PROCEDURES:

PERIODIC TESTING OF NOX AND CO EMISSIONS USING A PORTABLE ANALYZER TAKEN IN ACCORDANCE WITH THE "PROTOCOL FOR THE PERIODIC MONITORING OF NITROGEN OXIDES,

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CARBON MONOXIDE, AND OXYGEN FROM UNITS SUBJECT TO SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT RULES 1146 AND 1146.1". EMISSION READINGS SHALL BE TAKEN AT THE EXHAUST OUTLET EVERY MINUTE FOR 15 MINUTES. THE TESTS SHALL BE CONDUCTED WHEN THE UNIT IS OPERATING AT NORMAL CONDITION AND SHALL BE DONE AT LEAST MONTHLY OR EVERY 750 OPERATING HOURS WHICHEVER OCCURS LATER. THE TESTS SHALL BE CONDUCTED BY THE OPERATOR WHO HAS COMPLETED AN AQMD TRAINING PROGRAM AND RECEIVED A CERTICATION ISSUED BY THE DISTRICT.

IF THE UNIT IS IN COMPLIANCE FOR THREE CONSECUTIVE REQUIRED EMISSION CHECKS, WITHOUT ANY ADJUSTMENTS TO THE OXYGEN SENSOR SET POINTS, THEN THE UNIT MAY BE CHECKED QUARTERLY OR EVERY 2000 UNIT OPERATING HOURS WHICHEVER OCCURS LATER, UNTIL THERE IS AN EMISSION CHECK INDICATING NONCOMPLIANCE.

MONITORING RECORDS SHALL BE MAINTAINED FOR A ROLLING TWELVE MONTH PERIOD OF FIVE YEARS AND SHALL BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST. [RULE 3004(a), RULE 1146]

11. THE OPERATOR SHALL CONDUCT SOURCE TESTING FOR NOX, CO AND O2 (CONCENTRATION IN PPM BY VOLUME, CORRECTED TO 3% O2 ON A DRY BASIS) AT LEAST ONCE EVERY THREE YEARS. ALL EMISSION DETERMINATIONS SHALL BE MADE IN THE AS-FOUND OPERATING CONDITION. TESTING SHALL BE CONDUCTED AT LEAST 250 OPERATING HOURS, OR AT LEAST 30 DAYS SUBSEQUENT TO THE TUNING OR SERVICING OF ANY UNIT, UNLESS IT IS AN UNSCHEDULED REPAIR.
[RULE 3004(a), RULE 1146]

Emissions And Requirements:

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

NOX: 30 PPMV, RULE 1146
NOX: 20 PPMV, RULE 1303(a)-BACT
CO: 2000 PPMV, RULE 407
CO: 400 PPMV, RULE 1146
CO: 100 PPMV, RULE 1303(a)-BACT
SOX: 500 PPMV, RULE 407
PM: 0.1 GR/SCF RULE 473
PM: 0.1 GR/SCF, RULE 409
PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS

FACILITY PERMIT TO OPERATE
MARTIN LUTHER KING JR./MACC

PERMIT TO CONSTRUCT/OPERATE

Permit No. TBD
A/N 541185

Equipment Description:

PROCESS THERMAL FLUID HEATER, HOT OIL HEATING MEDIUM, NO. 3, FULTON BOILER WORKS, MODEL NO. FT-1400C, WITH ONE LOW NOX BURNER, MAXON, MODEL NO. OPTIMA SLS ULTRA, NATURAL GAS FIRED, RATED AT 17.5 MMBTU/HR, WITH A 50 H.P. COMBUSTION AIR BLOWER.

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 NOT EMIT MORE THAN 20 PPM OF OXIDES OF NITROGEN (NOX), CALCULATED AS NO2, AND NO MORE THAN 100 PPM OF CARBON MONOXIDE (CO) MEASURED BY VOLUME ON A DRY BASIS AT 3% O2.
[RULE 1303(a)-BACT]

4. THE COMBUSTION BURNER SHALL BE INSPECTED AND MAINTAINED PER THE MANUFACTURER'S SCHEDULE AND SPECIFICATIONS. RECORDS SHALL BE KEPT ON FILE FOR INSPECTIONS AND MAINTENANCE, INCLUDING THE SCHEDULE AND INSTRUCTIONS, FOR AT LEAST THREE YEARS.
[RULE 1303(a)-BACT, RULE 1146]

6. THE OPERATOR SHALL MONITOR AND RECORD THE FACILITY CALENDAR MONTHLY NATURAL GAS USAGE AS TAKEN FROM THE FACILITY MASTER METER. ALL RECORDS SHALL BE MAINTAINED FOR A PERIOD FOR TWO (2) YEARS AND MADE AVAILABLE TO THE EXECUTIVE OFFICER OR HIS REPRESENTATIVE UPON REQUEST.
[40 CFR 60.48c (g)(3)]

7. THE OWNER OR OPERATOR OF THIS EQUIPMENT SHALL CONDUCT SOURCE TESTS ON THE EQUIPMENT UNDER THE FOLLOWING CONDITIONS:

   A. A SOURCE TEST PROTOCOL SHALL BE SUBMITTED FOR THE EXECUTIVE OFFICER'S REVIEW AND APPROVAL PRIOR TO THE COMMENCEMENT OF TESTING.

   B. SOURCE TESTING SHALL BE CONDUCTED WITHIN 30 DAYS AFTER ACHIEVING MAXIMUM PRODUCTION RATE AT WHICH THE EQUIPMENT WILL BE OPERATED, BUT NO LATER THAN 90 DAYS AFTER INITIAL START-UP.

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C. THE SOURCE TESTS SHALL BE PERFORMED TO VERIFY COMPLIANCE WITH THE NOX AND CO EMISSION LIMITS SPECIFIED IN CONDITION NO. 3.

D. THE SOURCE TESTS SHALL BE CONDUCTED IN ACCORDANCE WITH SCAQMD METHOD 100.1

E. THE TESTS SHALL BE PERFORMED WHEN THE UNIT IS OPERATING AT NORMAL CONDITIONS. THE SAMPLING DURATION SHALL BE AT LEAST 15 AND NO MORE THAN 60 CONSECUTIVE MINUTES.

F. TWO COMPLETE COPIES OF SOURCE TEST REPORTS (INCLUDE THE APPLICATION NUMBER AND A COPY OF THE PERMIT IN THE REPORT) SHALL BE SUBMITTED TO THE DISTRICT (ADDRESSED TO SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT, ATTN: MARCEL SAULIS, P.O. BOX 4941, DIAMOND BAR, CA 91765). THE RESULTS SHALL BE SUBMITTED WITHIN 45 DAYS AFTER THE SOURCE TEST IS COMPLETED. THE REPORT SHALL INCLUDE, BUT NOT BE LIMITED TO EMISSION RATES IN POUNDS PER HOUR AND CONCENTRATIONS IN PPMV AT THE OUTLET OF THE UNIT, MEASURED ON A DRY BASIS AT 3% OXYGEN. THE FOLLOWING OPERATING DATA SHALL ALSO BE INCLUDED FOR EACH FIRING RATE:

I. THE EXHAUST FLOW RATES IN ACTURAL CUBIC FEET PER MINUTE (ACFM).
II. THE FIRING RATES IN BTU PER HOUR.
III. THE OXYGEN CONTENT OF THE EXHAUST GASES IN PERCENT.
IV. THE FUEL FLOW RATE.

G. A TESTING LABORATORY CERTIFIED BY THE CALIFORNIA AIR RESOURCES BOARD IN THE REQUIRED TEST METHODS FOR CRITERIA POOLUTANTS TO BE MEASURED, AND IN COMPLIANCE WITH DISTRICT RULE 304 (NO CONFLICT OF INTEREST) SHALL CONDUCT THE TEST.

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

[RULE 1146, RULE 1303(a)-BACT, RULE 304, RULE 217]

8. THE OWNER OR OPERATOR OF THIS EQUIPMENT SHALL MAINTAIN ADEQUATE RECORDS IN ORDER TO VERIFY COMPLIANCE WITH ALL CONDITIONS SPECIFIED IN THIS PERMIT. ALL RECORDS REQUIRED BY THIS PERMIT SHALL BE PREPARED IN A FORMAT WHICH IS ACCEPTABLE TO THE DISTRICT, RETAINED AT THE FACILITY FOR FIVE YEARS, AND SHALL BE MADE AVAILABLE TO ANY DISTRICT REPRESENTATIVE UPON REQUEST.
[RULE 1146]

9. THIS EQUIPMENT SHALL COMPLY WITH RULE 1146.
[RULE 1146]

Periodic Monitoring:

10. THE OPERATOR OR CONTRACTOR IN-CHARGE OF EQUIPMENT OPERATION SHALL PERFORM THE FOLLOWING PROCEDURES:

FACILITY PERMIT TO OPERATE
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PERIODIC TESTING OF NOX AND CO EMISSIONS USING A PORTABLE ANALYZER TAKEN IN ACCORDANCE WITH THE "PROTOCOL FOR THE PERIODIC MONITORING OF NITROGEN OXIDES, CARBON MONOXIDE, AND OXYGEN FROM UNITS SUBJECT TO SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT RULES 1146 AND 1146.1". EMISSION READINGS SHALL BE TAKEN AT THE EXHAUST OUTLET EVERY MINUTE FOR 15 MINUTES. THE TESTS SHALL BE CONDUCTED WHEN THE UNIT IS OPERATING AT NORMAL CONDITION AND SHALL BE DONE AT LEAST MONTHLY OR EVERY 750 OPERATING HOURS WHICHEVER OCCURS LATER. THE TESTS SHALL BE CONDUCTED BY THE OPERATOR WHO HAS COMPLETED AN AQMD TRAINING PROGRAM AND RECEIVED A CERTICATION ISSUED BY THE DISTRICT.

IF THE UNIT IS IN COMPLIANCE FOR THREE CONSECUTIVE REQUIRED EMISSION CHECKS, WITHOUT ANY ADJUSTMENTS TO THE OXYGEN SENSOR SET POINTS, THEN THE UNIT MAY BE CHECKED QUARTERLY OR EVERY 2000 UNIT OPERATING HOURS WHICHEVER OCCURS LATER, UNTIL THERE IS AN EMISSION CHECK INDICATING NONCOMPLIANCE.

MONITORING RECORDS SHALL BE MAINTAINED FOR A ROLLING TWELVE MONTH PERIOD OF FIVE YEARS AND SHALL BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST. [RULE 3004(a), RULE 1146]

11. THE OPERATOR SHALL CONDUCT SOURCE TESTING FOR NOX, CO AND O2 (CONCENTRATION IN PPM BY VOLUME, CORRECTED TO 3% O2 ON A DRY BASIS) AT LEAST ONCE EVERY THREE YEARS. ALL EMISSION DETERMINATIONS SHALL BE MADE IN THE AS-FOUND OPERATING CONDITION. TESTING SHALL BE CONDUCTED AT LEAST 250 OPERATING HOURS, OR AT LEAST 30 DAYS SUBSEQUENT TO THE TUNING OR SERVICING OF ANY UNIT, UNLESS IT IS AN UNSCHEDULED REPAIR.
[RULE 3004(a), RULE 1146]

Emissions And Requirements:

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

NOX: 30 PPMV, RULE 1146
NOX: 20 PPMV, RULE 1303(a)-BACT
CO: 2000 PPMV, RULE 407
CO: 400 PPMV, RULE 1146
CO: 100 PPMV, RULE 1303(a)-BACT
SOX: 500 PPMV, RULE 407
PM: 0.1 GR/SCF RULE 473
PM: 0.1 GR/SCF, RULE 409
PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS

FACILITY PERMIT TO OPERATE
MARTIN LUTHER KING JR./MACC

PERMIT TO CONSTRUCT/OPERATE

Permit No. TBD
A/N 541186

Equipment Description:

PROCESS THERMAL FLUID HEATER, HOT OIL HEATING MEDIUM, NO. 4, FULTON BOILER WORKS, MODEL NO. FT-1400C, WITH ONE LOW NOX BURNER, MAXON, MODEL NO. OPTIMA SLS ULTRA, NATURAL GAS FIRED, RATED AT 17.5 MMBTU/HR, WITH A 50 H.P. COMBUSTION AIR BLOWER.

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 NOT EMIT MORE THAN 20 PPM OF OXIDES OF NITROGEN (NOX), CALCULATED AS NO2, AND NO MORE THAN 100 PPM OF CARBON MONOXIDE (CO) MEASURED BY VOLUME ON A DRY BASIS AT 3% O2.
[RULE 1303(a)-BACT]

4. THE COMBUSTION BURNER SHALL BE INSPECTED AND MAINTAINED PER THE MANUFACTURER'S SCHEDULE AND SPECIFICATIONS. RECORDS SHALL BE KEPT ON FILE FOR INSPECTIONS AND MAINTENANCE, INCLUDING THE SCHEDULE AND INSTRUCTIONS, FOR AT LEAST THREE YEARS.
[RULE 1303(a)-BACT, RULE 1146]

6. THE OPERATOR SHALL MONITOR AND RECORD THE FACILITY CALENDAR MONTHLY NATURAL GAS USAGE AS TAKEN FROM THE FACILITY MASTER METER. ALL RECORDS SHALL BE MAINTAINED FOR A PERIOD FOR TWO (2) YEARS AND MADE AVAILABLE TO THE EXECUTIVE OFFICER OR HIS REPRESENTATIVE UPON REQUEST.
[40 CFR 60.48c (g)(3)]

7. THE OWNER OR OPERATOR OF THIS EQUIPMENT SHALL CONDUCT SOURCE TESTS ON THE EQUIPMENT UNDER THE FOLLOWING CONDITIONS:

   A. A SOURCE TEST PROTOCOL SHALL BE SUBMITTED FOR THE EXECUTIVE OFFICER'S REVIEW AND APPROVAL PRIOR TO THE COMMENCEMENT OF TESTING.

   B. SOURCE TESTING SHALL BE CONDUCTED WITHIN 30 DAYS AFTER ACHIEVING MAXIMUM PRODUCTION RATE AT WHICH THE EQUIPMENT WILL BE OPERATED, BUT NO LATER THAN 90 DAYS AFTER INITIAL START-UP.

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C. THE SOURCE TESTS SHALL BE PERFORMED TO VERIFY COMPLIANCE WITH THE NOX AND CO EMISSION LIMITS SPECIFIED IN CONDITION NO. 3.

D. THE SOURCE TESTS SHALL BE CONDUCTED IN ACCORDANCE WITH SCAQMD METHOD 100.1

E. THE TESTS SHALL BE PERFORMED WHEN THE UNIT IS OPERATING AT NORMAL CONDITIONS. THE SAMPLING DURATION SHALL BE AT LEAST 15 AND NO MORE THAN 60 CONSECUTIVE MINUTES.

F. TWO COMPLETE COPIES OF SOURCE TEST REPORTS (INCLUDE THE APPLICATION NUMBER AND A COPY OF THE PERMIT IN THE REPORT) SHALL BE SUBMITTED TO THE DISTRICT (ADDRESSED TO SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT, ATTN: MARCEL SAULIS, P.O. BOX 4941, DIAMOND BAR, CA 91765). THE RESULTS SHALL BE SUBMITTED WITHIN 45 DAYS AFTER THE SOURCE TEST IS COMPLETED. THE REPORT SHALL INCLUDE, BUT NOT BE LIMITED TO EMISSION RATES IN POUNDS PER HOUR AND CONCENTRATIONS IN PPMV AT THE OUTLET OF THE UNIT, MEASURED ON A DRY BASIS AT 3% OXYGEN. THE FOLLOWING OPERATING DATA SHALL ALSO BE INCLUDED FOR EACH FIRING RATE:

I. THE EXHAUST FLOW RATES IN ACTURAL CUBIC FEET PER MINUTE (ACFM).
II. THE FIRING RATES IN BTU PER HOUR.
III. THE OXYGEN CONTENT OF THE EXHAUST GASES IN PERCENT.
IV. THE FUEL FLOW RATE.

G. A TESTING LABORATORY CERTIFIED BY THE CALIFORNIA AIR RESOURCES BOARD IN THE REQUIRED TEST METHODS FOR CRITERIA POOLUTANTS TO BE MEASURED, AND IN COMPLIANCE WITH DISTRICT RULE 304 (NO CONFLICT OF INTEREST) SHALL CONDUCT THE TEST.

H. SAMPLING FACILITIES SHALL COMPLY WITH THE DISTRICT GUIDELINES FOR CONSTRUCTION OF SAMPLING AND TESTING FACILITIES PURSUANT TO RULE 217.
[RULE 1146, RULE 1303(a)-BACT, RULE 304, RULE 217]

8. THE OWNER OR OPERATOR OF THIS EQUIPMENT SHALL MAINTAIN ADEQUATE RECORDS IN ORDER TO VERIFY COMPLIANCE WITH ALL CONDITIONS SPECIFIED IN THIS PERMIT. ALL RECORDS REQUIRED BY THIS PERMIT SHALL BE PREPARED IN A FORMAT WHICH IS ACCEPTABLE TO THE DISTRICT, RETAINED AT THE FACILITY FOR FIVE YEARS, AND SHALL BE MADE AVAILABLE TO ANY DISTRICT REPRESENTATIVE UPON REQUEST.
[RULE 1146]

9. THIS EQUIPMENT SHALL COMPLY WITH RULE 1146.
[RULE 1146]

Periodic Monitoring:

10. THE OPERATOR OR CONTRACTOR IN-CHARGE OF EQUIPMENT OPERATION SHALL PERFORM THE FOLLOWING PROCEDURES:

PERIODIC TESTING OF NOX AND CO EMISSIONS USING A PORTABLE ANALYZER TAKEN IN ACCORDANCE WITH THE "PROTOCOL FOR THE PERIODIC MONITORING OF NITROGEN OXIDES,

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CARBON MONOXIDE, AND OXYGEN FROM UNITS SUBJECT TO SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT RULES 1146 AND 1146.1". EMISSION READINGS SHALL BE TAKEN AT THE EXHAUST OUTLET EVERY MINUTE FOR 15 MINUTES. THE TESTS SHALL BE CONDUCTED WHEN THE UNIT IS OPERATING AT NORMAL CONDITION AND SHALL BE DONE AT LEAST MONTHLY OR EVERY 750 OPERATING HOURS WHICHEVER OCCURS LATER. THE TESTS SHALL BE CONDUCTED BY THE OPERATOR WHO HAS COMPLETED AN AQMD TRAINING PROGRAM AND RECEIVED A CERTICATION ISSUED BY THE DISTRICT.

IF THE UNIT IS IN COMPLIANCE FOR THREE CONSECUTIVE REQUIRED EMISSION CHECKS, WITHOUT ANY ADJUSTMENTS TO THE OXYGEN SENSOR SET POINTS, THEN THE UNIT MAY BE CHECKED QUARTERLY OR EVERY 2000 UNIT OPERATING HOURS WHICHEVER OCCURS LATER, UNTIL THERE IS AN EMISSION CHECK INDICATING NONCOMPLIANCE.

MONITORING RECORDS SHALL BE MAINTAINED FOR A ROLLING TWELVE MONTH PERIOD OF FIVE YEARS AND SHALL BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST. [RULE 3004(a), RULE 1146]

11. THE OPERATOR SHALL CONDUCT SOURCE TESTING FOR NOX, CO AND O2 (CONCENTRATION IN PPM BY VOLUME, CORRECTED TO 3% O2 ON A DRY BASIS) AT LEAST ONCE EVERY THREE YEARS. ALL EMISSION DETERMINATIONS SHALL BE MADE IN THE AS-FOUND OPERATING CONDITION. TESTING SHALL BE CONDUCTED AT LEAST 250 OPERATING HOURS, OR AT LEAST 30 DAYS SUBSEQUENT TO THE TUNING OR SERVICING OF ANY UNIT, UNLESS IT IS AN UNSCHEDULED REPAIR.
[RULE 3004(a), RULE 1146]

Emissions And Requirements:

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

NOX: 30 PPMV, RULE 1146
NOX: 20 PPMV, RULE 1303(a)-BACT
CO: 2000 PPMV, RULE 407
CO: 400 PPMV, RULE 1146
CO: 100 PPMV, RULE 1303(a)-BACT
SOX: 500 PPMV, RULE 407
PM: 0.1 GR/SCF RULE 473
PM: 0.1 GR/SCF, RULE 409
PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS

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RULE 219 EQUIPMENT

Equipment Description:

RULE 219 EXEMPT EQUIPMENT, REFRIGERATION AND AIR CONDITIONING UNITS

Emissions And Requirements:

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

REFRIGERANT:	RULE 1415
REFRIGERANT:	40CFR 82 SUBART F

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RULE 219 EQUIPMENT

Equipment Description:

RULE 219 EXEMPT EQUIPMENT, FIRE EXTINGUISHING EQUIPMENT

Emissions And Requirements:

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

   HALON: RULE 1418

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RULE 219 EQUIPMENT

Equipment Description:

RULE 219 EXEMPT EQUIPMENT, LOW USE SPRAY EQUIPMENT.

Emissions And Requirements:

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

   VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS

FACILITY PERMIT TO OPERATE
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RULE 219 EQUIPMENT

Equipment Description:

RULE 219 EXEMPT EQUIPMENT, HEATERS, < 2 MMBTU/HR.

Emissions And Requirements:

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

   PM: 0.1 gr/scf, RULE 409
   CO: 2000 PPMV, RULE 407
   NOx: 30 PPMV, RULE 1146.2

South Coast
Air Quality Management District
21865 Copley Drive, Diamond Bar, CA 91765-4178
(909) 396-2000 • www.aqmd.gov

NOTICE OF INTENT TO ISSUE PERMIT
PURSUANT TO AQMD RULES 212(g) AND 3006

This notice is to inform you that the South Coast Air Quality Management District (AQMD) has received and reviewed permit applications for the Martin Luther King Jr./Multi-Service Ambulatory Care Center and intends to issue a Title V permit at the end of the 30-day public and 45-day U.S. Environmental Protection Agency review and comment period and after all pertinent comments have been considered and all other requirements have been complied with.

The AQMD is the air pollution control agency for the four county-region including Orange County and parts of Los Angeles, Riverside and San Bernardino counties. Anyone wishing to install or modify equipment that could control or be a source of air pollution within this region must first obtain a permit from the AQMD. Under certain circumstances, before a permit is granted, a public notice, such as this, is prepared by the AQMD and distributed.

The AQMD has evaluated the permit applications listed below for the following facility and made a preliminary determination that the project meets or will meet all applicable AQMD rules and regulations for the issuance of a Proposed Title V permit based upon the evaluation described below:

FACILITY: Martin Luther King Jr./Multi-Service Ambulatory Care Center
12021 S. Wilmington Ave.
Los Angeles, CA 90059
Facility ID#: 2619

CONTACT: Mr. John E. Thompson, Manager I Facility Operations and Crafts
Martin Luther King Jr./Multi-Service Ambulatory Care Center
12021 S. Wilmington Ave.
Los Angeles, CA 90059

AQMD APPLICATION NUMBERS

Application Number	Equipment Description
541183	Thermal Fluid Heater No. 1
541184	Thermal Fluid Heater No. 2
541185	Thermal Fluid Heater No. 3
541186	Thermal Fluid Heater No. 4
544012	Title V Significant Permit Revision Application

PROJECT DESCRIPTION

Martin Luther King Jr./Multi-Service Ambulatory Care Center is a public urgent care center and outpatient clinic located in Willowbrook, an unincorporated section of Los Angeles County. The project consists of the renovation of the hospital and new construction of an ancillary building. The renovation will include four separate central plant phases; the In Patient Tower, Hospital Services Building, Main Lobby and Admitting, and new Pedestrian Tunnel. The four new thermal fluid heaters will provide heat to the In Patient Tower and the Multi-Service Ambulatory Care Center. The four new heaters will replace three existing boilers.

PROJECTED EMISSIONS

The total maximum daily emissions from the new thermal fluid heaters, the existing boilers, and the net emissions from this boiler replacement project are summarized as follows:

Pollutant	New Thermal Fluid Heaters (pounds per day)	Existing Boilers (pounds per day)	Change in Emissions (pounds per day)
Nitrogen Oxides (NOx)	41	27	14
Carbon Monoxide (CO)	126	90	36
Volatile Organic Compounds (VOC)	9	12	-3
Particulate Matter (diameter less than 10 microns) (PM_{10})	12	18	-6
Sulfur Oxides (SOx)	0	0	0

As a result of the burning of natural gas in the thermal fluid heaters, emissions from the proposed project also contains some pollutants that are considered toxic under AQMD Rule 1401 – New Source Review of Toxic Air Contaminants. Therefore, a health risk assessment was performed for this project. The health risk assessment uses some health protective assumptions in estimating actual risk to an individual person. The evaluation shows that the Maximum Individual Cancer Risk (MICR) increase from the project is less than one-in-a-million. Also, acute and chronic hazard indices (HIA and HIC, respectively), which measure non-cancer health impacts, are less than the threshold of one. These levels of estimated risk are below the threshold limits of AQMD Rule 1401 (d) established for new or modified sources.

The proposed permit and other information are available for public review at the AQMD's headquarters in Diamond Bar, and at the Compton Library, 240 W. Compton Blvd., Compton, CA 90220. Additional information including the facility owner's compliance history submitted to the AQMD pursuant to Section 42336, or otherwise known to the AQMD, based on credible information, is available at the AQMD for public review. For more information or to review additional supporting documents, call the AQMD's Tiutle V hotline at (909) 396-3013. Written comments should be submitted to Mr. Marcel Saulis (msaulis@aqmd.gov), Engineering and Compliance, South Coast Air Quality Management District, 21865 Copley Drive, Diamond Bar, CA 91765-4178, (909) 396-3093. **Comments must be received within 30 days of the distribution/publication of this notice, as shown below.** Questions regarding zoning decisions and the process by which the facility has been sited in this location should be directed to the local city or county planning department or the California Energy Commission at (916) 654-4640. Anyone experiencing air quality problems such as dust or odor can telephone in a complaint to the AQMD 24 hours a day by calling 1-800-CUT-SMOG (1-800-288-7664).

The facility is a Federal Title V facility. Pursuant to AQMD Title V Permits Rule 3006 – Public Participation, any person may request a proposed permit hearing on an application for an Initial Title V, a Permit Renewal or significant permit revision by filing with the Executive Officer a complete Hearing Board Request Form (Form 500-G) for a proposed hearing within 15 days of the date of publication of this notice, as shown below. This form is available on the AQMD website at http://www.aqmd.gov/permit/Formspdf/TitleV/AQMDForm500-G.pdf, or alternatively, the form can be made available upon request by contacting Mr. Marcel Saulis at the email and telephone number listed above. On or before the date the request is filed, the person requesting a proposed permit hearing must also send by first class a copy of the request to the facility address and contact person listed above.