

FACILITY PERMIT TO OPERATE OC WASTE & RECYCLING, PRIMA

PERMIT TO CONSTRUCT/OPERATE

Permit No. TBD
A/N 497358

Equipment Description:

FUEL STORAGE AND DISPENSING FACILITY CONSISTING OF:

- 1) 1 - GASOLINE ABOVEGROUND STORAGE TANK, CONTAINMENT SOLUTIONS HOOVER VAULT (G-70-194), RECTANGULAR, 7'-9" L. x 5'-7" W. x 4'-9" H., CAPACITY - 1,000 GALLONS, WITH A PRESSURE/VACUUM RELIEF VALVE, AND SUBMERGED FILL TUBE.
- 2) 1 - GASOLINE NOZZLE DISPENSING 1 PRODUCT ON A TANK TOP MOUNTED DISPENSER, EQUIPPED WITH PHASE II VAPOR RECOVERY SYSTEM, BALANCE RETRACTOR (G-70-52-AM).

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT WAS 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. EXCEPT FOR DIESEL TRANSFERS, PHASE I VAPOR RECOVERY SYSTEMS SHALL BE IN FULL OPERATION WHENEVER FUEL IS BEING TRANSFERRED INTO STORAGE TANKS.
[RULE 461]
4. EXCEPT FOR DIESEL TRANSFERS, PHASE II VAPOR RECOVERY SYSTEMS SHALL BE IN FULL OPERATION WHENEVER FUEL IS BEING TRANSFERRED INTO MOTOR VEHICLES, AS DEFINED IN RULE 461.
[RULE 461]
5. ALL PHASE I AND PHASE II VAPOR RECOVERY EQUIPMENT AT THIS FACILITY SHALL BE INSTALLED, OPERATED AND MAINTAINED TO MEET ALL CALIFORNIA AIR RESOURCES BOARD CERTIFICATION REQUIREMENTS.
[RULE 461]

FACILITY PERMIT TO OPERATE OC WATE & RECYCLING, PRIMA

6. PHASE II VAPOR RECOVERY SYSTEMS SHALL BE INSTALLED, OPERATED, AND MAINTAINED SUCH THAT THE MAXIMUM ALLOWABLE PRESSURE THROUGH THE SYSTEM INCLUDING NOZZLE, VAPOR HOSE, SWIVELS, AND UNDERGROUND PIPING DOES NOT EXCEED THE DYNAMIC BACK PRESSURE RATES DESCRIBED BY THE CALIFORNIA AIR RESOURCES BOARD EXECUTIVE ORDER BY WHICH THE SYSTEM WAS CERTIFIED:

NITROGEN FLOWRATES (CFH)	DYNAMIC BACK PRESSURE (INCHES OF WATER)
60	0.35
80	0.62

DYNAMIC BACK PRESSURE TESTS SHALL BE CONDUCTED TO DETERMINE THE PHASE II SYSTEM VAPOR RECOVERY BACK PRESSURE RATES. THE TESTS SHALL BE CONDUCTED IN ACCORDANCE WITH CARB TEST PROCEDURE METHOD TP-201.4, METHODOLOGY 1 (JULY 3, 2002), AS A PERFORMANCE TEST AND AS A REVERIFICATION TEST. RESULTS SHALL BE SUBMITTED TO THE AQMD, OFFICE OF ENGINEERING AND COMPLIANCE, WITHIN SEVENTY-TWO (72) HOURS OF TEST.

[RULE 461]

7. A STATIC PRESSURE LEAK DECAY TEST SHALL BE CONDUCTED TO DEMONSTRATE THAT THE STORAGE TANKS, THE REMOTE AND/OR NOZZLE VAPOR RECOVERY CHECK VALVES, ASSOCIATED VAPOR RETURN PIPING AND FITTINGS ARE FREE FROM VAPOR LEAKS. THE TEST SHALL BE CONDUCTED IN ACCORDANCE WITH CARB TEST PROCEDURE METHOD TP-201.3 (MARCH 17, 1999), AS A PERFORMANCE TEST AND AS A REVERIFICATION TEST. RESULTS SHALL BE SUBMITTED TO THE AQMD, OFFICE OF ENGINEERING AND COMPLIANCE, WITHIN SEVENTY-TWO (72) HOURS OF TEST.

THE AQMD SHALL BE NOTIFIED AT TELEPHONE NUMBER (909) 396-3886 AT LEAST TWENTY-FOUR HOURS PRIOR TO TESTING. SUCH NOTIFICATION SHALL INCLUDE THE NAME OF THE OWNER OR OPERATOR; THE NAME OF THE CONTRACTORS; THE LOCATION OF THE FACILITY; AND THE SCHEDULED START AND COMPLETION DATES OF THE STATIC PRESSURE LEAK DECAY TEST.

[RULE 461]

8. IF THE CARB EXECUTIVE ORDER REQUIRES THE INSTALLATION OF A LIQUID REMOVAL DEVICE, A LIQUID REMOVAL RATE TEST SHALL BE CONDUCTED TO DEMONSTRATE THE REMOVAL OF GASOLINE FROM THE VAPOR PASSAGE OF THE COAXIAL HOSE. THE TEST SHALL BE CONDUCTED WITHIN THIRTY DAYS OF INITIAL INSTALLATION AND IN ACCORDANCE WITH CARB TEST PROCEDURE METHOD TP-201.6, AS A PERFORMANCE TEST AND AS A REVERIFICATION TEST. RESULTS SHALL BE SUBMITTED TO THE AQMD, OFFICE OF ENGINEERING AND COMPLIANCE, WITHIN SEVENTY-TWO (72) HOURS OF TEST.

FACILITY PERMIT TO OPERATE OC WASTE & RECYCLING, PRIMA

9. THE SCAQMD SHALL BE NOTIFIED BY E-MAIL AT R461TESTING@AQMD.GOV OR BY FACSIMILE AT TELEPHONE NUMBER (909) 396-3606 AT LEAST SEVENTY- TWO (72) HOURS PRIOR TO ANY OF THE ABOVE MENTIONED TESTING REQUIREMENTS. SUCH NOTIFICATION SHALL INCLUDE THE NAME OF THE OWNER OR OPERATOR; THE NAME OF THE CONTRACTOR; THE LOCATION OF THE FACILITY; AND THE SCHEDULED START AND COMPLETION DATES OF THE TESTS TO BE PERFORMED.
[RULE 461]
10. THE TESTING FOR THE ABOVE MENTIONED TESTS SHALL BE CONDUCTED IN ACCORDANCE WITH THE MOST RECENT RULE 461 AMENDMENT OR CARB EXECUTIVE ORDER REQUIREMENTS, WHICH EVER IS MORE STRINGENT.
11. ALL RECORDS AND TEST RESULTS THAT ARE REQUIRED TO BE MAINTAINED BY RULE 461 SHALL BE KEPT ON SITE FOR FIVE YEARS AND MADE AVAILABLE TO DISTRICT REPRESENTATIVES UPON REQUEST.
[RULE 461]
12. THE MAXIMUM QUANTITY OF GASOLINE DISPENSED FROM THE STORAGE TANKS AT THIS FACILITY SHALL NOT EXCEED 10,000 GALLONS IN ANY ONE CALENDAR MONTH NOR 120,000 GALLONS IN ANY ONE CALENDAR YEAR.
[RULE 1303(b) (2)-OFFSETS, 1401]
13. RECORDS OF MONTHLY AND ANNUAL FUEL DISPENSED SHALL BE PREPARED, SHALL BE RETAINED ON SITE FOR FIVE YEARS, AND SHALL BE MADE AVAILABLE TO DISTRICT REPRESENTATIVES UPON REQUEST.
[RULE 3004(a)(4)]

Periodic Monitoring:

14. THE OPERATOR SHALL HAVE A PERSON THAT HAS BEEN TRAINED IN ACCORDANCE WITH RULE 461(d)(5) CONDUCT AN ANNUAL INSPECTION IN ACCORDANCE WITH 461(d)(1)(B) OF THE GASOLINE TRANSFER AND DISPENSING EQUIPMENT. THE INSPECTION SHALL BE IN ACCORDANCE WITH RULE 461, ATTACHMENT C. THE OPERATOR SHALL KEEP RECORDS OF THE INSPECTION AND THE REPAIRS IN ACCORDANCE TO RULE 461 AND SECTION K OF THIS PERMIT.
[RULE 3004 (a) (4)]

FACILITY PERMIT TO OPERATE OC WATE & RECYCLING, PRIMA

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**Permit No. TBD
A/N 503282**

Equipment Description:

INTERNAL COMBUSTION ENGINE, JOHN DEERE, 6 CYLINDERS, TURBOCHARGED/ AFTERCOOLED, MODEL NO. 6068HF285L, 197 BHP, DIESEL FUELED, DRIVING AN EMERGENCY ELECTRICAL GENERATOR (147 KW).

Permit 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 CONDITIONS AT ALL TIMES.
[RULE 204]
3. THIS ENGINE SHALL NOT BE OPERATED MORE THAN A TOTAL OF 200 HOURS IN ANY ONE YEAR WHICH INCLUDES NO MORE THAN 50 HOURS FOR MAINTENANCE AND PERFORMANCE TESTING.
[RULE 1110.2, 1303-BACT, 1304(a) (4)-MODELING AND OFFSET EXEMPTIONS, 1470]
4. OPERATION 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 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 1303- BACT]
5. THIS ENGINE SHALL NOT BE USED AS PART OF AN INTERRUPTIBLE SERVICE CONTRACT IN WHICH A FACILITY RECEIVES A PAYMENT OR REDUCED RATES IN RETURN FOR REDUCING ELECTRIC LOAD ON THE GRID WHEN REQUESTED TO DO SO BY THE UTILITY OR THE GRID OPERATOR.
[RULE 1303-BACT]
6. AN OPERATIONAL NON-RESETTABLE ELAPSED TIME METER SHALL BE INSTALLED AND MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1110.2; 1303-BACT, 1304(a) (4)-MODELING AND OFFSET EXEMPTIONS]

FACILITY PERMIT TO OPERATE OC WASTE & RECYCLING, PRIMA

7. AN ENGINE OPERATING LOG SHALL BE MAINTAINED WHICH ON A MONTHLY BASIS SHALL LIST ALL ENGINE OPERATIONS IN EACH OF THE FOLLOWING AREAS:

A. EMERGENCY USE HOURS OF OPERATION

B. MAINTENANCE AND TESTING HOURS

C. OTHER OPERATING HOURS (DESCRIBE THE REASON FOR OPERATION)

IN ADDITION, EACH TIME THE ENGINE IS STARTED MANUALLY, THE LOG SHALL INCLUDE THE DATE OF OPERATION AND THE TIMER READING IN HOURS AT THE BEGINNING AND END OF OPERATION. THE LOG SHALL BE KEPT FOR A MINIMUM OF FIVE CALENDAR YEARS AND SHALL BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST. THE TOTAL HOURS OF OPERATION FOR THE PREVIOUS CALENDAR YEAR SHALL BE RECORDED SOMETIME DURING THE FIRST 15 DAYS OF JANUARY OF EACH YEAR.

[RULE 1110.2, 1303-BACT, 1304(a) (4)-MODELING AND OFFSET EXEMPTIONS, 1470]

8. THE SULFUR CONTENT OF DIESEL FUEL SUPPLIED TO THIS ENGINE SHALL NOT EXCEED 15 PPM (0.0015%) BY WEIGHT.

[RULE 431.2]

9. THIS ENGINE SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULE 1470, 40 CFR PART 60 SUBPART III AND 40 CFR 63 SUBPART ZZZZ,

[RULE 1470, 40 CFR PART 60 SUBPART III, AND 40 CFR 63 SUBPART ZZZZ]

Emissions And Requirements:

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

PM:	RULE 404, SEE APPENDIX B FOR EMISSION LIMITS
PM:	0.15 gm/bhp-hr, RULE 1303 – BACT, 1470, 40 CFR Part 60, subpart III
NOx +NMHC:	3.0 g/bhp-hr, RULE 1303-BACT, 1470, 40 CFR Part 60, subpart III
CO:	2.6 g/bhp-hr, RULE 1303-BACT, 1470, 40 CFR Part 60, subpart III

FACILITY PERMIT TO OPERATE OC WASTE & RECYCLING, PRIMA

PERMIT TO CONSTRUCT

A/N 492235
Granted as of

Equipment Description:

MODIFICATIONS TO EXISTING LANDFILL GAS COLLECTION SYSTEM PERMIT TO OPERATE F38717,
CONSISTING OF:

I. WASTE MANAGEMENT UNIT NO. 1 (WMU1):

1. PHASE I AND IA:

TEN (10) HORIZONTAL COLLECTORS, WITH ALTERNATING 10'-0" LENGTHS OF 12" DIAMETER AND 15" DIAMETER POLYETHYLENE COATED CORRUGATED STEEL PIPE.

2. PHASE 2:

A. TEN (10) HORIZONTAL COLLECTORS, WITH ALTERNATING 10'-0" LENGTHS OF 12" DIAMETER AND 15" DIAMETER POLYETHYLENE COATED CORRUGATED STEEL PIPE.

B. SIXTEEN (16) VERTICAL COLLECTORS, 24" DIA., RANGING FROM 40' TO 100' DEPTH. EACH WITH 4" DIA. CASING CONNECTED TO A 4" TO 6" DIA. SLOTTED CASING.

3. PHASE 3:

A. FIVE (5) HORIZONTAL COLLECTORS, 0'-8" DIA., HDPE PIPING, PERFORATED WITH FOUR ROWS OF 3/4 INCH DIA. HOLES, THREE INCH ON CENTER.

B. TWENTY (20) VERTICAL COLLECTORS, 24" DIA., RANGING FROM 40' TO 100' DEPTH. EACH WITH 4" TO 6" DIA. CASING CONNECTED TO A 4" TO 6" DIA. SLOTTED CASING.

BY THE ADDITION OF:

4. FIFTY (50) VERTICAL LANDFILL GAS COLLECTION WELLS, 24" DIA., RANGING FROM 40' TO 100' DEPTH, EACH WITH 4" TO 6" DIA. CASING CONNECTED TO A 4" TO 6" DIA. SLOTTED CASING, TO BE ADDED AS NEEDED.

II. ZONE-1

1. PHASE 1:

FOURTEEN (14) HORIZONTAL COLLECTORS, 0'-8" DIA. HDPE PIPING, PERFORATED WITH FOUR ROWS OF 3/4 INCH DIA. HOLES, THREE INCH ON CENTER.

FACILITY PERMIT TO OPERATE OC WASTE & RECYCLING, PRIMA

2. PHASE 2:
 - A. FOURTEEN (14) HORIZONTAL COLLECTORS, 0'-8" DIA. HDPE PIPING, PERFORATED WITH FOUR ROWS OF 3/4 INCH DIA. HOLES, THREE INCH ON CENTER.
 - B. THIRTY-ONE (31) VERTICAL COLLECTORS, 4" TO 6" DIA., HDPE.
3. PHASE 3:

FIFTEEN (15) HORIZONTAL COLLECTORS, 0'-8" DIA. HDPE PIPING, PERFORATED WITH FOUR ROWS OF 3/4 INCH DIA. HOLES, THREE INCH ON CENTER
4. PHASE 4:
 - A. FIFTEEN (15) HORIZONTAL COLLECTORS, 0'-8" DIA. HDPE PIPING, PERFORATED WITH FOUR ROWS OF 3/4 INCH DIA. HOLES, THREE INCH ON CENTER
 - B. THIRTY-SIX (36) VERTICAL COLLECTORS, 4" TO 6" DIA., HDPE PIPING
5. PHASE 5:
 - A. SIX (6) HORIZONTAL COLLECTORS, 0'-8" DIA. HDPE PIPING, PERFORATED WITH FOUR ROWS OF 3/4 INCH DIA. HOLES, THREE INCH ON CENTER
 - B. ONE (1) VERTICAL COLLECTOR, 4" TO 6" DIA., HDPE PIPING.

BY THE ADDITION OF:

III. WASTE MANAGEMENT UNIT NO. 2 (WMU2)

PHASE 1:

- A. TEN (10) HORIZONTAL COLLECTORS, 0'-8" DIA. HDPE PIPING, PERFORATED WITH FOUR ROWS OF 3/4 INCH DIA. HOLES, THREE INCH ON CENTER.
- B. THIRTY (30) VERTICAL COLLECTORS, 4' TO 6' DIA., HDPE.

PHASE 2:

- A. FIFTEEN (15) HORIZONTAL COLLECTORS, 0'-8" DIA. HDPE PIPING, PERFORATED WITH FOUR ROWS OF 3/4 INCH DIA. HOLES, THREE INCH ON CENTER.
- B. THIRTY-SEVEN (37) VERTICAL COLLECTORS, 4' TO 6' DIA., HDPE.

IV. LATERAL AND HEADERS CONNECTING THE HORIZONTAL AND VERTICAL COLLECTORS AND DIRECTING THE COLLECTED GAS TO A GAS TREATMENT/PROCESSING FACILITY.

FACILITY PERMIT TO OPERATE OC WASTE & RECYCLING, PRIMA

- V. SIXTY SEVEN (67) VERTICAL LANDFILL GAS COLLECTION WELLS, 24" DIAMETER, RANGING FROM 40' TO 100' DEPTH, EACH WITH 4" TO 6" DIAMETER CASING CONNECTED TO A 4" TO 6" DIAMETER SLOTTED CASING, TO BE ADDED AS NEEDED.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. THIS EQUIPMENT SHALL BE OPERATED AND MAINTAINED BY PERSONNEL PROPERLY TRAINED IN ITS OPERATION.
[RULE 204]
4. OC WASTE & RECYCLING (OCWR) SHALL MAKE A WRITTEN REQUEST FOR AND OBTAIN AN EXTENSION OF TIME TO CONSTRUCT THIS EQUIPMENT ON AN ANNUAL BASIS UNTIL SUCH TIME CONSTRUCTION IS COMPLETED AND THE EQUIPMENT IS PUT INTO OPERATION. AT LEAST 30 DAYS PRIOR TO THE EXPIRATION DATE OF THE PERMIT TO CONSTRUCT, OCWR SHALL PROVIDE IN THE WRITTEN REQUEST, VERIFIABLE DATA TO AQMD IN ORDER TO SHOW COMPLIANCE WITH THE CONSTRUCTION AS PROVIDED IN THE APPLICATION UNDER WHICH THIS PERMIT TO CONSTRUCT IS GRANTED. IF THERE ARE CHANGES TO THE INCREMENTS OF PROGRESS AND/OR CONSTRUCTION SCHEDULE, THEY WILL NOT BECOME EFFECTIVE UNTIL OCWR RECEIVES WRITTEN CONFIRMATION OF SUCH CHANGES FROM AQMD.
[RULE 204]
5. ALL GASES COLLECTED BY THIS SYSTEM SHALL BE VENTED TO COMBUSTION OR PROCESSING FACILITY WHICH IS IN FULL USE, CAN ADEQUATELY PROCESS THE VOLUME OF GAS COLLECTED, AND HAS BEEN ISSUED A VALID PERMIT TO CONSTRUCT OR OPERATE BY THE SCAQMD.
[RULE 1150.1, 1303(a)(1)-BACT]
6. DURING VERTICAL WELL DRILLING, AN APPROVED EMISSION CONTROL BOX SHALL BE PLACED OVER THE WELL HOLE TO COLLECT LANDFILL GAS. THE COLLECTED GAS SHALL EITHER BE DIRECTED TO A GAS PROCESSING SYSTEM WHICH IS IN FULL USE, CAN ADEQUATELY PROCESS THE VOLUME OF GAS COLLECTED, AND HAS BEEN ISSUED A VALID PERMIT TO CONSTRUCT OR OPERATE FROM THE SCAQMD.
[RULE 402, 1150.1]
7. EACH HORIZONTAL GAS COLLECTION WELL SHALL BE CONNECTED TO AN OPERATING LANDFILL GAS HEADER OR THE ENDS OF THE WELL SHALL BE SEALED WITH BLIND FLANGES OR OTHER TYPES OF SEALS APPROVED BY THE SCAQMD AS SOON AS THE WELL IS INSTALLED TO PREVENT GAS FROM ESCAPING FROM THE LINE TO THE ATMOSPHERE.
[RULE 1150, 1150.1]

FACILITY PERMIT TO OPERATE OC WASTE & RECYCLING, PRIMA

8. EACH VERTICAL AND HORIZONTAL WELL HEAD SHALL BE EQUIPPED WITH A SHUT-OFF VALVE AND A SAMPLING PORT.
[RULE 1150.1]
9. UNTIL CONNECTED TO AN OPERATING LANDFILL GAS COLLECTION SYSTEM, EACH COMPLETED WELL SHALL BE CAPPED AND ITS GAS CONTROL VALVE CLOSED TO AVOID VENTING LANDFILL GAS TO THE ATMOSPHERE.
[RULE 1150, 1150.1]
10. EACH WELL SHALL BE SECURELY SEALED TO PREVENT ANY EMISSIONS OF LANDFILL GAS FROM AROUND THE WELL CASING.
[RULE 402, 1150, 1150.1]
11. CONSTRUCTION SHALL NOT BE CONDUCTED BETWEEN THE HOURS OF 6 P.M. AND 7 A.M. OR ON SATURDAYS, SUNDAYS OR LEGAL HOLIDAYS, UNLESS OTHERWISE APPROVED BY THE SCAQMD.
[RULE 402, 1150]
12. CONSTRUCTION SHALL NOT BE CONDUCTED ON DAYS WHEN THE SCAQMD FORECASTS FIRST, SECOND OR THIRD STAGE EPISODES FOR AREA NO. 21, OR WHEN THE SCAQMD REQUIRES COMPANIES IN AREA NO. 21 TO IMPLEMENT THEIR FIRST SECOND OR THIRD STAGE EPISODE PLANS. EPISODE FORECASTS FOR THE FOLLOWING DAY CAN BE OBTAINED BY CALLING (800) CUT-SMOG.
[RULE 402, 1150]
13. CONSTRUCTION SHALL NOT BE CONDUCTED WHEN THE WIND SPEED IS GREATER THAN 15 M.P.H. AVERAGE (OVER 15 MINUTES) OR THE WIND SPEED INSTANTANEOUSLY EXCEEDS 25 M.P.H.
[RULE 402, 403, 1150]
14. CONSTRUCTION SPOILS AND ALL WORKING AREAS BEING ACTIVELY USED FOR TRUCK AND CONSTRUCTION EQUIPMENT TRAFFICKING SHALL BE MAINTAINED IN A MOIST CONDITION TO MINIMIZE DUST AND EMISSIONS.
[RULE 402, 403, 1150]
15. IF A DISTINCT ODOR LEVEL (LEVEL III OR GREATER) RESULTING FROM THE CONSTRUCTION IS DETECTED AT OR BEYOND THE PROPERTY LINE, ALL WORK SHALL CEASE UNTIL THE ODOR SOURCES ARE DETERMINED AND ELIMINATED. ODOR LEVELS SHALL BE DETERMINED BY SCAQMD PERSONNEL OR ON-SITE SAFETY COORDINATOR IN THE ABSENCE OF SCAQMD PERSONNEL.
[RULE 402, 1150]
16. WELL HOLES, TRENCHES, AND EXPOSED LANDFILL TRASH SHALL BE COMPLETELY COVERED TO PREVENT ANY EMISSIONS OF LANDFILL GAS TO THE ATMOSPHERE WHENEVER WORK IS NOT ACTIVELY IN PROGRESS. THE COVER SHALL INCLUDE, BUT MAY NOT BE LIMITED TO A MINIMUM OF 6 INCHES OF CLEAN DIRT, APPROVED FOAM, OR HEAVY-DUTY PLASTIC SHEETING. FOAM BY ITSELF SHALL NOT BE USED AS A NIGHT COVER IF IT IS RAINING OR RAIN IS PREDICTED BY THE NATIONAL WEATHER SERVICE PRIOR TO THE NEXT SCHEDULED WORKING DAY.
[RULE 402, 1150]

FACILITY PERMIT TO OPERATE OC WASTE & RECYCLING, PRIMA

17. THE CONSTRUCTION OF ANY PIPING OR WELL TRENCH WHICH EXPOSES LANDFILL TRASH TO THE ATMOSPHERE SHALL BE STAGED SO THAT NO MORE THAN ONE HUNDRED (100) LINEAR FEET OF TRENCH SHALL BE EXPOSED AT ANY TIME PRIOR TO BACKFILLING.
[RULE 402, 1150]
18. EXCAVATED REFUSE MAY BE PLACED ALONG THE TRENCH EDGE UPON REMOVAL FROM THE TRENCH. ALL EXCAVATED REFUSE SHALL BE TRANSFERRED TO THE WORKING FACE WITHIN ONE HOUR OF REMOVAL FROM THE TRENCH, UNLESS OTHERWISE NOTED BELOW.
[RULE 402, 1150]
19. DURING CONSTRUCTION, IF A CONSIDERABLE NUMBER OF COMPLAINTS ARE RECEIVED, ALL WORK SHALL CEASE AND APPROVED MITIGATION MEASURES SHALL BE IMPLEMENTED IMMEDIATELY. WORK SHALL NOT RESUME UNTIL THE EMISSIONS CAUSING THE COMPLAINTS ARE MITIGATED AND THE APPROVAL TO RESUME WORK IS RECEIVED FROM THE SCAQMD.
[RULE 402, 1150]
20. THE EXTERIOR OF THE VEHICLE (INCLUDING THE TIRES) HAULING EXCAVATED MATERIAL SHALL BE CLEANED OFF PRIOR TO LEAVING THE WORKING SITE.
[RULE 1150]
21. ALL CONSTRUCTION SPOILS SHALL BE BURIED AT THE WORKING FACE OF THE LANDFILL BY THE END OF EACH DAY.
[RULE 402, 1150]
22. THE SCAQMD SHALL BE NOTIFIED IN WRITING AT LEAST ONE WEEK IN ADVANCE WHEN AN ADDITIONAL WELL OR SET OF WELLS AND THEIR ASSOCIATED PIPING WILL BE INSTALLED. THE PROPOSED WELL LOCATIONS AND CONNECTING PIPING SHALL BE IDENTIFIED ON A DRAWING WHICH DESCRIBES AND SHOWS THE ENTIRE GAS COLLECTION SYSTEM. ESTIMATED GAS COLLECTION VOLUME, WELL DEPTHS, PIPE LENGTHS, DIAMETERS, AND LAYOUTS SHALL BE SUPPLIED TO THE SCAQMD IN THIS ADVANCE NOTIFICATION.
[RULE 1150.1]
22. WITHIN 90 DAYS AFTER CONSTRUCTION OF A GROUP OF WELLS AND THEIR ASSOCIATED PIPING IS COMPLETE, THE PERMITEE SHALL SUBMIT AS-BUILT DRAWINGS SHOWING THE TRENCH LOCATIONS, VERTICAL WELL LOCATIONS, AND LINE SIZES TO THE SCAQMD.
[RULE 1150.1]
23. THE OPERATION OF THIS EQUIPMENT SHALL NOT RESULT IN THE RELEASE OF ANY RAW LANDFILL GAS OR CONDENSATE INTO THE ATMOSPHERE.
[[RULE 402, 1150.1]
24. MITIGATION MEASURES, OTHER THAN THOSE INDICATED IN THESE CONDITIONS, WHICH ARE DEEMED APPROPRIATE BY SCAQMD PERSONNEL AS NECESSARY TO PROTECT THE COMFORT, REPOSE, HEALTH OR SAFETY OF THE PUBLIC SHALL BE IMPLEMENTED UPON REQUEST.
[RULE 402, 1150]
25. A COPY OF THIS PERMIT SHALL BE KEPT AT THE SITE OFFICE AT ALL TIMES.
[RULE 206]

FACILITY PERMIT TO OPERATE OC WASTE & RECYCLING, PRIMA

Emissions and Requirements:

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

GASEOUS EMISSIONS: RULE 1150.1

GASEOUS EMISSIONS: 40 CFR 60 SUBPART WWW

GASEOUS EMISSIONS: 40 CFR 63 SUBPART AAAA

FACILITY PERMIT TO OPERATE OC WASTE & RECYCLING, PRIMA

PERMIT TO CONSTRUCT

**A/N 499317
Granted as of**

Equipment Description:

MODIFICATIONS TO EXISTING LANDFILL CONDENSATE AND LCRS COLLECTION AND STORAGE SYSTEM PERMIT TO OPERATE F83427, CONSISTING OF:

1. PUMP STATION NO. 1, WITH COLLECTION TANK, 3'-2" DIA. BY 6' LONG, ABOVEGROUND, 325 GALLON CAPACITY, HDPE, WITH 2 GPM PNEUMATIC PUMP.
2. PUMP STATION NO. 2, WITH COLLECTION TANK, 3'-2" DIA. BY 6' LONG, ABOVEGROUND, 325 GALLON CAPACITY, HDPE, WITH 2 GPM PNEUMATIC PUMP.
3. TANK, STORAGE, HDPE, 7'-6" DIA. BY 10'-2" H., 3000 GALLON CAPACITY, WITH VENT VALVE TO FLAME ARRESTOR AND 55 GALLON CARBON UNIT.
4. TANK, STORAGE, HDPE, 8'-6" DIA. BY 12'-7" H, 5000 GALLON CAPACITY, WITH SECONDARY CONTAINMENT, VENTED TO FLAME ARRESTOR AND 55 GALLON CARBON UNIT (COMMON TO 3000 GALLON TANK).
5. TANK, STORAGE, HDPE, 11'-10" DIA. X 13'-8" H., 11,000 GALLON CAPACITY, WITH VENT VALVE TO FLAME ARRESTOR AND CARBON AIR FILTER, STORING CONDENSATE DRAINED BY GRAVITY FROM THE GAS HEADER LINE.
6. TWO (2) TANKS (T-12, T-13), LCRS STORAGE, 14'-0" DIA. X 16'-6" H., 16,000 GALLON CAPACITY, EACH WITH VENT VALVE TO A COMMON 55 GALLON CARBON UNIT.
7. TANK (SD-1), SUB-DRAIN STORAGE, 3'-0" DIA. X 4'-0" HIGH, 200 GALLON CAPACITY
8. CONDENSATE AND LCRS PIPING AND VALVES, COLLECTING AND TRANSPORTING CONDENSATE AND LCRS.

BY THE ADDITION OF:

9. PUMP STATION NO. 3, WITH COLLECTION TANK, 1'-6" DIA. BY 2' LONG, ABOVEGROUND, 80 GALLON CAPACITY, HDPE, WITH 13 GPM PNEUMATIC PUMP.
10. PUMP STATION NO. 4 THROUGH STATION NO. 10, WITH COLLECTION TANK, RANGING FROM 0'-6" DIA. TO 3' 6" DIA. X 2' TO 6' LONG, ABOVEGROUND, 5 TO 80 GALLON CAPACITY, HDPE, WITH 2 TO 13 GPM PNEUMATIC PUMP.

FACILITY PERMIT TO OPERATE OC WASTE & RECYCLING, PRIMA

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. THIS EQUIPMENT SHALL BE OPERATED BY PERSONNEL PROPERLY TRAINED IN ITS OPERATION.
[RULE 204]
4. ALL CONDENSATE COLLECTED AND/OR TREATED SHALL BE DISPOSED OF PROPERLY.
[RULE 402]
5. EMISSIONS FROM THE OUTLET OF EACH CARBON UNIT SHALL NOT, AT ANY TIME, EXCEED 50 PPM TOTAL ORGANIC COMPOUNDS MEASURED AS METHANE.
[RULE 402]
6. ALL CONNECTIONS, VALVES AND OPENINGS SHALL BE PROPERLY SEALED OR CLOSED SO AS TO PREVENT RAW LANDFILL GAS AND/OR CONDENSATE VAPORS FROM ENTERING INTO THE ATMOSPHERE.
[RULE 402]
7. THE OUTLET OF THE CARBON UNITS SHALL BE MONITORED EVERY WEEK FOR TOTAL ORGANIC COMPOUNDS AS METHANE WITH AN ORGANIC VAPOR ANALYZER (OVA) OR EQUIVALENT AND THE RESULTS RECORDED. THESE TESTS SHALL BE PERFORMED DURING THE FILLING OPERATION OF THE TANK(S).
[RULE 402]