



## FACILITY PERMIT TO OPERATE

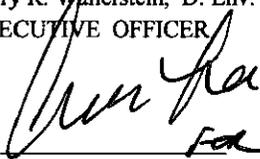
**OC WASTE & RECYCLING, PRIMA DESHECHA**  
**32250 LA PATA AVE**  
**SAN JUAN CAPISTRANO, CA 92675**

### NOTICE

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

THIS PERMIT DOES NOT AUTHORIZE THE EMISSION OF AIR CONTAMINANTS IN EXCESS OF THOSE ALLOWED BY DIVISION 26 OF THE HEALTH AND SAFETY CODE OF THE STATE OF CALIFORNIA OR THE RULES OF THE SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT. THIS PERMIT SHALL NOT BE CONSTRUED AS PERMISSION TO VIOLATE EXISTING LAWS, ORDINANCES, REGULATIONS OR STATUTES OF ANY OTHER FEDERAL, STATE OR LOCAL GOVERNMENTAL AGENCIES.

Barry R. Wallerstein, D. Env.  
EXECUTIVE OFFICER

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



South Coast Air Quality Management District  
21865 Copley Drive, Diamond Bar, CA 91765-4178

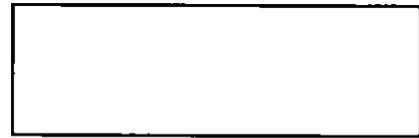




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Facility ID:	052753
Revision #:	5
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**FACILITY PERMIT TO OPERATE  
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**Facility Equipment and Requirements  
(Section D)**

This section consists of a table listing all permitted equipment at the facility, facility wide requirements, 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.



## FACILITY PERMIT TO OPERATE OC WASTE & RECYCLING, PRIMA DESHECHA

### 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	Page Number
347927	F22159	FLARE, ENCLOSED LANDFILL/ DIGESTER GAS	6
384568	F38717	LANDFILL GAS COLLECTION (>50 WELLS)	10
497358	N24522	SERVICE STATION STORAGE & DISPENSING GASOLINE	15
499317	G24668	LANDFILL CONDENSATE/LEACHATE COLLECTION	18
503282	G8104	I C E (50-500 HP) EM ELEC GEN-DIESEL	20

**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 NOT USE LANDFILL GAS CONTAINING SULFUR COMPOUNDS IN EXCESS OF 150 PPMV CALCULATED AS HYDROGEN SULFIDE AVERAGED DAILY.  
[RULE 431.1]
  
3. THE OWNER/OPERATOR OF A MSW LANDFILL SHALL COMPLY WITH THE FOLLOWING:
  - A. INSTALL AND OPERATE A WIND SPEED AND DIRECTION MONITORING SYSTEM WITH A CONTINUOUS RECORDER. FOR WIND SPEED, USE A 3 CUP ASSEMBLY WITH A RANGE OF 0 TO 50 MILES AN HOUR, WITH A THRESHOLD OF 0.75 MILE PER HOUR OR LESS. FOR WIND DIRECTION, USE A VANE WITH A RANGE OF 0 TO 540 DEGREES AZIMUTH, WITH A THRESHOLD OF PLUS-MINUS 2 DEGREES. AN APPROVED ALTERNATIVE MAY BE USED IN LIEU OF THE ABOVE.  
[RULE 1150.1]
  
  - B. MONITOR AND COLLECT MONTHLY, OR AS PER THE APPROVED 1150.1 ALTERNATIVE, SAMPLES FOR ANALYSIS OF TOC AND TAC FROM THE SUBSURFACE REFUSE BOUNDARY SAMPLING PROBES.  
[RULE 1150.1]
  
  - C. OPERATE THE GAS COLLECTION AND CONTROL SYSTEM TO PREVENT THE CONCENTRATION OF TOC MEASURED AS METHANE FROM EXCEEDING 5% BY VOLUME IN THE SUBSURFACE REFUSE BOUNDARY SAMPLING PROBES.  
[RULE 1150.1]
  
  - D. COLLECT MONTHLY, OR AS PER THE APPROVED 1150.1 ALTERNATIVE, INTEGRATED SAMPLES FOR ANALYSIS OF TOC AND TAC FROM THE LANDFILL SURFACE.  
[RULE 1150.1]
  
  - E. OPERATE THE GAS COLLECTION AND CONTROL SYSTEM TO PREVENT THE CONCENTRATION OF TOC MEASURED AS METHANE FROM EXCEEDING 25 PPMV AS DETERMINED BY INTEGRATED SAMPLES TAKEN ON NUMBERED 50,000 SQUARE FOOT LANDFILL GRIDS OR AS PER THE APPROVED 1150.1 ALTERNATIVE  
[RULE 1150.1]



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- F. MONITOR QUARTERLY, OR AS PER THE APPROVED 1150.1 ALTERNATIVE, THE LANDFILL SURFACE FOR TOC.  
[RULE 1150.1]
  - G. OPERATE THE GAS COLLECTION AND CONTROL SYSTEM TO PREVENT THE CONCENTRATION OF TOC MEASURED AS METHANE FROM EXCEEDING 500 PPMV ABOVE BACKGROUND AS DETERMINED BY INSTANTANEOUS MONITORING AT ANY LOCATION ON THE LANDFILL, EXCEPT AT THE OUTLET OF ANY CONTROL DEVICE.  
[RULE 1150.1]
  - H. OPERATE THE GAS COLLECTION AND CONTROL SYSTEM SO THAT THERE ARE NO LEAKS THAT EXCEED 500 PPMV TOC MEASURED AS METHANE AT ANY COMPONENT UNDER POSITIVE PRESSURE.  
[RULE 1150.1]
  - I. COLLECT MONTHLY, OR AS PER THE APPROVED 1150.1 ALTERNATIVE, LANDFILL GAS SAMPLES FOR ANALYSIS OF TOC AND TAC FROM THE MAIN GAS COLLECTION HEADER LINE ENTERING THE GAS TREATMENT AND/OR GAS CONTROL SYSTEM.  
[RULE 1150.1]
  - J. COLLECT MONTHLY, OR AS PER THE APPROVED 1150.1 ALTERNATIVE, AMBIENT AIR SAMPLES FOR ANALYSIS OF TOC AND TAC FROM THE LANDFILL PROPERTY BOUNDARY.  
[RULE 1150.1]
  - K. OPERATE THE GAS COLLECTION AND CONTROL SYSTEM AT ALL TIMES FOR LANDFILLS WITH ACTIVE COLLECTION SYSTEMS.  
[RULE 1150.1]
  - L. OPERATE ALL WELLHEADS SO THE GAUGE PRESSURE IS UNDER A CONSTANT VACUUM, EXCEPT DURING WELL HEAD RAISING AND/OR REPAIR AND TEMPORARY SHUTDOWN DUE TO A CATASTROPHIC EVENT.  
[RULE 1150.1]
4. THE OWNER/OPERATOR OF A MSW LANDFILL SHALL COMPLY WITH THE FOLLOWING:
- A. OPERATE THE COLLECTION SYSTEM SUCH THAT THE GAS IS COLLECTED FROM EACH AREA, CELL OR GROUP OF CELLS OF THE LANDFILL IN WHICH THE INITIAL SOLID WASTE HAS BEEN IN PLACE FOR A PERIOD OF;
    - (1) 5 YEARS OR MORE IF ACTIVE; OR
    - (2) 2 YEARS OR MORE IF CLOSED OR AT FINAL GRADE
  - B. OPERATE THE COLLECTION SYSTEM WITH NEGATIVE PRESSURE AT EACH WELL-HEAD EXCEPT UNDER THE FOLLOWING CONDITIONS:
    - (1) DURING A FIRE OR INCREASED WELL TEMPERATURE – THE OWNER/OPERATOR SHALL RECORD THE INSTANCES WHEN POSITIVE PRESSURE OCCURS IN EFFORTS TO PREVENT A FIRE. THIS REPORT SHALL BE SUBMITTED WITH THE ANNUAL REPORTS AS PROVIDED IN §60.757(f)(1).



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- (2). WHENEVER A GEOMEMBRANE OR SYNTHETIC COVER IS IN PLACE- THE OWNER/OPERATOR SHALL DEVELOP ACCEPTABLE PRESSURE LIMITS IN THE DESIGN PLAN.
  - (3). WHEN A WELL IS DECOMMISSIONED – A WELL MAY EXPERIENCE A STATIC POSITIVE PRESSURE AFTER SHUT DOWN TO ACCOMMODATE FOR DECLINING FLOWS.
- C. OPERATE EACH INTERIOR WELLHEAD IN THE COLLECTION SYSTEM WITH A LANDFILL GAS TEMPERATURE LESS THAN 55 DEGREES C AND WITH EITHER A NITROGEN LEVEL LESS THAN 20% OR AN OXYGEN LEVEL LESS THAN 5% AS DETERMINED BY METHODS DESCRIBED IN §60.753(c).
- D. OPERATE THE COLLECTION SYSTEM SO THAT THE METHANE CONCENTRATION IS LESS THAN 500 PPM ABOVE BACKGROUND AT THE SURFACE OF THE LANDFILL AS DETERMINED IN ACCORDANCE WITH MONITORING PROCEDURES SPECIFIED IN §60.753 AND 60.754.
- E. OPERATE THE COLLECTION SYSTEM SUCH THAT ALL COLLECTED GASES ARE VENTED TO A CONTROL SYSTEM DESIGNED AND OPERATED IN COMPLIANCE WITH §60.752(b)(2)(iii).
- F. OPERATE THE COLLECTION AND CONTROL SYSTEM IN COMPLIANCE WITH TEST METHODS AND PROCEDURES OF §60.754
- G. OPERATE THE COLLECTION AND CONTROL SYSTEM IN COMPLIANCE WITH COMPLIANCE PROVISIONS OF §60.755
- H. OPERATE THE COLLECTION AND CONTROL SYSTEM IN COMPLIANCE WITH MONITORING PROCEDURES OF §60.756
- I. OPERATE THE COLLECTION AND CONTROL SYSTEM IN COMPLIANCE WITH REPORTING REQUIREMENTS OF §60.757
- J. OPERATE THE COLLECTION AND CONTROL SYSTEM IN COMPLIANCE WITH RECORD KEEPING REQUIREMENTS OF §60.758  
[GASEOUS EMISSIONS: 40CFR60 SUBPART WWW]



## FACILITY PERMIT TO OPERATE OC WASTE & RECYCLING, PRIMA DESHECHA

### PERMIT TO OPERATE

Permit No. F22159  
A/N 347927

#### Equipment Description:

#### LANDFILL GAS FLARING SYSTEM CONSISTING OF:

1. CONDENSATE SEPARATOR WITH FILTER, ENDUSTRA, 3750 SCFM CAPACITY, 4'-6" DIA. X 6'-8" H.
2. FLOW METER WITH RECORDER.
3. PRIMARY BLOWER, HOFFMAN, 100 H.P., 3750 SCFM CAPACITY.
4. THREE SECONDARY BLOWERS, LAMSON, LOCATED IN PARALLEL, EACH 60 H.P., EACH 1875 SCFM CAPACITY, ONE BLOWER AS SECONDARY SPARE.
5. SHUT-OFF VALVE, 16-INCH CONNECTIONS, PNEUMATIC DRIVEN.
6. FLAME ARRESTOR, 16-INCH CONNECTIONS.
7. FLARE, SURLITE, 11'-0" W. X 11'-10" L. X 60'-0" H., WITH PROPANE PILOT, LANDFILL GAS BURNERS, TEN 4-INCH SOURCE TEST PORTS, 123.75 MMBTU/HR OR 3750 SCFM RATED CAPACITY, EIGHT AUTOMATIC AIR LOUVERS, AN ELECTRIC IGNITER, UV FLAME SCANNER, AND THERMOCOUPLE WITH TEMPERATURE INDICATOR AND RECORDER.
8. TWO TANKS, EACH FIVE GALLON CAPACITY, CONTAINING PROPANE GAS FOR FLARE PILOT.

#### 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]



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- 4) THE FLARE SHALL BE EQUIPPED WITH A TEMPERATURE INDICATOR AND RECORDER WHICH MEASURES AND RECORDS THE GAS TEMPERATURE IN THE FLARE STACK. THE TEMPERATURE INDICATOR AND RECORDER SHALL OPERATE WHENEVER THE FLARE IS IN OPERATION. THE TEMPERATURE SHALL BE MEASURED AT A LOCATION ABOVE THE FLAME ZONE, AT LEAST 0.6 SECOND DOWNSTREAM OF THE BURNER AND NOT LESS THAN FIVE (5) FEET FROM THE TOP OF THE STACK.  
[RULE 1303(a)(1)-BACT]
- 5) WHENEVER THE FLARE IS IN OPERATION, A TEMPERATURE OF NOT LESS THAN 1400 DEGREES F, AS MEASURED BY THE TEMPERATURE INDICATOR AND RECORDER, SHALL BE MAINTAINED IN THE FLARE STACK.  
[RULE 1303(a)(1)-BACT]
- 6) THE FLARE SHALL BE EQUIPPED WITH AN AUTOMATIC SHUT-DOWN SYSTEM WITH A FAILURE ALARM, WHICH HAS BEEN APPROVED BY THE EXECUTIVE OFFICER, TO AUTOMATICALLY ISOLATE THE FLARE FROM THE LANDFILL GAS SUPPLY LINE, SHUT OFF THE BLOWERS AND IMMEDIATELY NOTIFY A RESPONSIBLE PARTY OF THE SHUT-DOWN.  
[RULE 1303(a)(1)-BACT]
- 7) THE AUTOMATIC SHUT-DOWN SAFETY SYSTEM SHALL BE TESTED MONTHLY FOR PROPER OPERATION AND THE RESULTS RECORDED.  
[RULE 1303(a)(1)-BACT]
- 8) A FLOW INDICATING AND RECORDING DEVICE SHALL BE INSTALLED IN THE LANDFILL GAS SUPPLY LINE TO THE FLARE TO MEASURE AND RECORD THE QUANTITY OF LANDFILL GAS (IN SCFM) BEING BURNED IN THE FLARE. THE FLOW INDICATING AND RECORDING DEVICE SHALL OPERATE CONTINUOUSLY WHENEVER THE FLARE IS IN OPERATION.  
[RULE 1303(b)(2)-OFFSET]
- 9) THE TOTAL VOLUME OF LANDFILL GAS BURNED IN THE FLARE SHALL NOT EXCEED 3750 STANDARD CUBIC FEET PER MINUTE.  
[RULE 1303(b)(2)-OFFSET]
- 10) THE TOTAL HEAT INPUT THROUGH THE FLARE SHALL NOT EXCEED 112.5 MILLION BTU'S PER HOUR.  
[RULE 1303(b)(2)-OFFSET]
- 11) WEEKLY DETERMINATIONS OF THE BTU CONTENT OF THE GAS AT THE INLET TO THE FLARE SHALL BE PERFORMED USING THE FOLLOWING EQUATION. READINGS OF THE INLET GAS COMPOSITION SHALL BE PERFORMED USING AN APPROVED METHOD. ALL RESULTS SHALL BE RECORDED.  
$$\text{BTU CONTENT} = (1000 \text{ BTU/CF}) * (\text{PERCENT METHANE OF INLET GAS})$$
  
[RULE 1303(b)(2)-OFFSET]
- 12) ALL LANDFILL GAS COLLECTED SHALL BE DIRECTED TO A COMBUSTION OR PROCESSING FACILITY WHICH IS IN FULL USE, CAN ADEQUATELY PROCESS THE VOLUME OF GAS COLLECTED, AND HAS BEEN ISSUED A VALID PERMIT BY THE SCAQMD.  
[RULE 1150.1, 1303(a)(1)-BACT]



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- 13) ALL RECORDING DEVICES SHALL BE SYNCHRONIZED WITH RESPECT TO THE TIME OF DAY.  
[RULE 1303(b)(2)-OFFSET]
- 14) THE FLARE SHALL BE EQUIPPED WITH AT LEAST ONE VIEW PORT TO ALLOW VISUAL INSPECTION OF THE FLAME HEIGHT WITHIN THE FLARE AT ALL TIMES. SAFE AND ADEQUATE ACCESS SHALL BE PROVIDED FOR ALL VIEW PORTS UPON REQUEST BY SCAQMD PERSONNEL.  
[RULE 217, 1303(a)(1)-BACT]
- 15) THE FLARE SHALL BE OPERATED SO THAT THE FLAME IN THE FLARE REMAINS BELOW THE HEIGHT OF THE FLARE'S OPERATING THERMOCOUPLE AT ALL TIMES.  
[RULE 1303(a)(1)-BACT]
- 16) THE MAXIMUM FLARE SKIN TEMPERATURE AT ANY LOCATION SHALL NOT EXCEED 250 DEGREES F.  
[RULE 217]
- 17) THE OPERATOR SHALL OPERATE AND MAINTAIN THIS EQUIPMENT ACCORDING TO THE FOLLOWING REQUIREMENTS:

THE EXHAUST TEMPERATURE SHALL BE MAINTAINED AT A MINIMUM OF 1,400 DEGREES FAHRENHEIT WHENEVER THE EQUIPMENT IT SERVES IS IN OPERATION.

CONTINUOUS EXHAUST TEMPERATURE MONITORING AND RECORDING SYSTEM SHALL BE PURSUANT TO THE OPERATION AND MAINTENANCE REQUIREMENTS SPECIFIED IN 40 CFR PART 64.7. SUCH A SYSTEM SHALL HAVE AN ACCURACY OF WITHIN  $\pm 1\%$  OF THE TEMPERATURE BEING MONITORED AND SHALL BE INSPECTED, MAINTAINED, AND CALIBRATED ON AN ANNUAL BASIS IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS USING AN APPLICABLE AQMD OR EPA APPROVED METHOD.

FOR THE PURPOSE OF THIS CONDITION, A DEVIATION SHALL BE DEFINED AS WHEN A TEMPERATURE OF LESS THAN 1,400 DEGREES FAHRENHEIT OCCURS DURING NORMAL OPERATION. THE OPERATOR SHALL REVIEW THE RECORDS OF TEMPERATURE ON A DAILY BASIS TO DETERMINE IF A DEVIATION OCCURS OR SHALL INSTALL AN ALARM SYSTEM TO ALERT THE OPERATOR WHEN A DEVIATION OCCURS.

FOR EACH SEMI-ANNUAL REPORTING PERIOD SPECIFIED IN CONDITION NO. 23 IN SECTION K, WHENEVER A DEVIATION OCCURS FROM 1,400 DEGREES FAHRENHEIT, THE OPERATOR SHALL TAKE IMMEDIATE CORRECTIVE ACTION, AND KEEP RECORDS OF THE DURATION AND CAUSE (INCLUDING UNKNOWN CAUSE, IF APPLICABLE) OF THE DEVIATION AND THE CORRECTIVE ACTION TAKEN.

ALL DEVIATIONS SHALL BE REPORTED TO THE AQMD ON A SEMI-ANNUAL BASIS PURSUANT TO THE REQUIREMENTS SPECIFIED IN 40 CFR PART 64.9 AND CONDITION NOS. 22 AND 23 IN SECTION K OF THIS PERMIT.

THE OPERATOR SHALL SUBMIT AN APPLICATION WITH A QUALITY IMPROVEMENT PLAN (QIP) IN ACCORDANCE WITH 40 CFR PART 64.8 TO THE AQMD IF AN ACCUMULATION OF DEVIATIONS EXCEEDS 5 PERCENT DURATION OF THIS EQUIPMENT'S TOTAL OPERATING TIME FOR ANY SEMI-ANNUAL REPORTING PERIOD SPECIFIED IN CONDITION NO. 23 IN SECTION K OF



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THIS PERMIT. THE REQUIRED QIP SHALL BE SUBMITTED TO THE AQMD WITHIN 90 CALENDAR DAYS AFTER THE DUE DATE FOR THE SEMI-ANNUAL MONITORING REPORT.

THE OPERATOR SHALL INSPECT AND MAINTAIN ALL COMPONENTS OF THIS EQUIPMENT ON AN ANNUAL BASIS IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS.

THE OPERATOR SHALL KEEP ADEQUATE RECORDS IN A FORMAT THAT IS ACCEPTABLE TO THE AQMD TO DEMONSTRATE COMPLIANCE WITH ALL APPLICABLE REQUIREMENTS SPECIFIED IN THIS CONDITION AND 40 CFR PART 64.9 FOR A MINIMUM OF FIVE YEARS.  
[RULE 3004(A) (4)-PERIODIC MONITORING, 40CFR PART 64]

- 18) OPERATION OF THIS EQUIPMENT SHALL NOT RESULT IN THE RELEASE OF RAW LANDFILL GAS INTO THE ATMOSPHERE. ANY BREAKDOWN OR MALFUNCTION WHICH RESULTS IN EMISSIONS OF RAW LANDFILL GAS SHALL BE REPORTED TO THE SCAQMD MANAGER OF TOXICS AND WASTE MANAGEMENT TEAM WITHIN ONE HOUR AFTER OCCURRENCE, OR WITHIN ONE HOUR OF THE TIME ORANGE COUNTY PERSONNEL KNEW OR REASONABLY SHOULD HAVE KNOWN OF ITS OCCURRENCE, AND IMMEDIATE REMEDIAL MEASURES SHALL BE UNDERTAKEN TO CORRECT THE PROBLEM AND PREVENT FURTHER EMISSIONS INTO THE ATMOSPHERE.  
[RULE 402, 430, 1150.1]
- 19) OXIDES OF NITROGEN EMISSIONS SHALL NOT EXCEED 0.06 POUNDS PER MILLION BTU'S INLET GAS.  
[RULE 1303(a)(1)-BACT]
- 20) CARBON MONOXIDE EMISSIONS SHALL NOT EXCEED 0.29 POUNDS PER MILLION BTU'S INLET GAS.  
[RULE 1303(b)(2)-OFFSET]
- 21) PARTICULATE EMISSIONS SHALL NOT EXCEED 18.5 POUNDS PER MILLION CUBIC FEET INLET GAS.  
[RULE 1303(b)(2)-OFFSET]
- 22) A COPY OF THIS PERMIT SHALL BE KEPT AT THE SITE OFFICE AT ALL TIMES.  
[RULE 206]

**Emissions and Requirements:**

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

NMOC: 20 PPMV OR 98 WEIGHT PERCENT REDUCTION, RULE 1150.1  
NMOC: 20 PPMV OR 98 WEIGHT PERCENT REDUCTION, 40 CFR 60 SUBPART WWW  
NMOC: 20 PPMV OR 98 WEIGHT PERCENT REDUCTION, 40 CFR 63 SUBPART AAAA  
CO: 2000 PPM, RULE 407  
PM: 0.1 GR/SCF, RULE 409  
PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS



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### PERMIT TO OPERATE

Permit No. F38717  
A/N 384568

#### Equipment Description:

#### LANDFILL GAS COLLECTION SYSTEM 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.
- II. ZONE-I-
  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.
  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.



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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
- III. LATERAL AND HEADERS CONNECTING THE HORIZONTAL AND VERTICAL COLLECTORS AND DIRECTING THE COLLECTED GAS TO A GAS TREATMENT/PROCESSING FACILITY.
- IV. 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) ALL GASES COLLECTED BY THIS SYSTEM SHALL BE VENTED TO A 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]



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- 5) 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]
- 6) 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]
- 7) EACH VERTICAL AND HORIZONTAL WELL HEAD SHALL BE EQUIPPED WITH A SHUT-OFF VALVE AND A SAMPLING PORT.  
[RULE 1150.1]
- 8) 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]
- 9) EACH WELL SHALL BE SECURELY SEALED TO PREVENT ANY EMISSIONS OF LANDFILL GAS FROM AROUND THE WELL CASING.  
[RULE 402, 1150, 1150.1]
- 10) 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]
- 11) 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]
- 12) 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]
- 13) 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]



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- 14) 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]
- 15) 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]
- 16) 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]
- 17) 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]
- 18) 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]
- 19) THE EXTERIOR OF THE VEHICLE (INCLUDING THE TIRES) HAULING EXCAVATED MATERIAL SHALL BE CLEANED OFF PRIOR TO LEAVING THE WORKING SITE.  
[RULE 1150]
- 20) ALL CONSTRUCTION SPOILS SHALL BE BURIED AT THE WORKING FACE OF THE LANDFILL BY THE END OF EACH DAY.  
[RULE 402, 1150]
- 21) 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]



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**FACILITY PERMIT TO OPERATE  
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- 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]

**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  
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**PERMIT TO CONSTRUCT/OPERATE**

**Permit No. N24522  
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]



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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.



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9. THE SCAQMD SHALL BE NOTIFIED BY E-MAIL AT [R461TESTING@AQMD.GOV](mailto: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.  
[RULE 461]
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.  
[RULE 1303(b) (2)-OFFSETS, 1401]
13. THIS PERMIT SHALL EXPIRE IF CONSTRUCTION OF THE EQUIPMENT IS NOT COMPLETED BY APRIL 22, 2011 UNLESS AN EXTENSION OF TIME HAS BEEN APPROVED IN WRITING BY THE EXECUTIVE OFFICER.  
[RULE 205]

**Periodic Monitoring:**

14. THE OPERATOR SHALL HAVE A PERSON THAT HAS BEEN TRAINED IN ACCORDANCE WITH RULE 461(d)(4)(B) 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 WASTE & RECYCLING, PRIMA DESHECHA

### PERMIT TO OPERATE

Permit No. G24668  
A/N 499317

#### Equipment Description:

LANDFILL CONDENSATE AND LCRS COLLECTION AND STORAGE SYSTEM 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, 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.
5. 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.
6. TANK (SD-1), SUB-DRAIN STORAGE, 3'-0" DIA. X 4'-0" HIGH, 200 GALLON CAPACITY
7. CONDENSATE AND LCRS PIPING AND VALVES, COLLECTING AND TRANSPORTING CONDENSATE AND LCRS.
8. PUMP STATION NO. 3, WITH COLLECTION TANK, 1'-6" DIA. BY 2' LONG, ABOVEGROUND, 80 GALLON CAPACITY, HDPE, WITH 13 GPM PNEUMATIC PUMP.
9. 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 DESHECHA**

**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]



**FACILITY PERMIT TO OPERATE  
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**PERMIT TO CONSTRUCT/OPERATE**

**Permit No. G8104  
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).

**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 PERMIT SHALL EXPIRE IF CONSTRUCTION OF THIS EQUIPMENT IS NOT COMPLETED BY APRIL 22, 2011, UNLESS AN EXTENSION HAS BEEN GRANTED IN WRITING BY THE EXECUTIVE OFFICER.  
[RULE 205]
4. 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]
5. 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]
6. 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]
7. 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]



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8. 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]

9. THE SULFUR CONTENT OF DIESEL FUEL SUPPLIED TO THIS ENGINE SHALL NOT EXCEED 15 PPM (0.0015%) BY WEIGHT.  
[RULE 431.2]

10. THIS ENGINE SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULE 1470, 40 CFR PART 60 SUBPART IIII AND 40 CFR 63 SUBPART ZZZZ,  
[RULE 1470, 40 CFR PART 60 SUBPART IIII, AND 40 CFR 63 SUBPART ZZZZ]

**Emissions And Requirements:**

11. 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 IIII  
NOx +NMHC: 3.0 g/bhp-hr, RULE 1303-BACT, 1470, 40 CFR Part 60, subpart IIII  
CO: 2.6 g/bhp-hr, RULE 1303-BACT, 1470, 40 CFR Part 60, subpart IIII



## FACILITY PERMIT TO OPERATE OC WASTE & RECYCLING, PRIMA DESHECHA

### RULE 219 EQUIPMENT

**Equipment Description:**

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

**Periodic Monitoring:**

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

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

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

[RULE 3004 (a) (4)]

**Emissions and Requirements:**

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

VOC: RULE 1113, SEE APPENDIX B FOR EMISSION LIMITS

VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS



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**RULE 219 EQUIPMENT**

**Equipment Description:**

RULE 219 EXEMPT EQUIPMENT, HAND WIPING OPERATIONS.

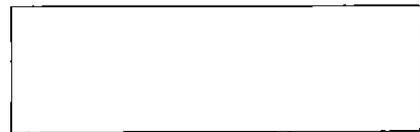
**Emissions and Requirements:**

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

VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS



SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT  
21865 Copley Drive, Diamond Bar, CA 91765





**FACILITY PERMIT TO OPERATE  
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**SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE**

This section consists of a table listing all equipment with Permits to Construct and copies of all individual Permits to Construct issued to various equipment at the facility, and Rule 219-exempt equipment subject to source-specific requirements. Each permit 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:

<b>Application No.</b>	<b>Permit to Operate No.</b>	<b>Equipment description</b>	<b>Page No.</b>
492235		LANDFILL GAS COLLECTION SYSTEM	5
543050		MODIFICATIONS TO EXISTING LANDFILL CONDENSATE & LCRS COLLECTION AND STORAGE SYSTEM	11

**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.



**FACILITY PERMIT TO OPERATE  
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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 NOT USE LANDFILL GAS CONTAINING SULFUR COMPOUNDS IN EXCESS OF 150 PPMV CALCULATED AS HYDROGEN SULFIDE AVERAGED DAILY.  
[RULE 431.1]
  
4. THIS FACILITY IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:  
  
GASEOUS EMISSIONS: 1150.1  
GASEOUS EMISSIONS: 40 CFR 60 SUBPART WWW  
GASEOUS EMISSIONS: 40 CFR 63 SUBPART AAAA
  
5. THE OWNER/OPERATOR OF A MSW LANDFILL SHALL COMPLY WITH THE FOLLOWING:
  - A. OPERATE THE COLLECTION SYSTEM SUCH THAT THE GAS IS COLLECTED FROM EACH AREA, CELL OR GROUP OF CELLS OF THE LANDFILL IN WHICH THE INITIAL SOLID WASTE HAS BEEN IN PLACE FOR A PERIOD OF;
    - (1) 5 YEARS OR MORE IF ACTIVE; OR
    - (2) 2 YEARS OR MORE IF CLOSED OR AT FINAL GRADE
  
  - B. OPERATE THE COLLECTION SYSTEM WITH NEGATIVE PRESSURE AT EACH WELL-HEAD EXCEPT UNDER THE FOLLOWING CONDITIONS:
    - (1) DURING A FIRE OR INCREASED WELL TEMPERATURE – THE OWNER/OPERATOR SHALL RECORD THE INSTANCES WHEN POSITIVE PRESSURE OCCURS IN EFFORTS TO PREVENT A FIRE. THIS REPORT SHALL BE SUBMITTED WITH THE ANNUAL REPORTS AS PROVIDED IN §60.757(f)(1).
    - (2) WHENEVER A GEOMEMBRANE OR SYNTHETIC COVER IS IN PLACE- THE OWNER/OPERATOR SHALL DEVELOP ACCEPTABLE PRESSURE LIMITS IN THE DESIGN PLAN.
    - (3) WHEN A WELL IS DECOMMISSIONED – A WELL MAY EXPERIENCE A STATIC POSITIVE PRESSURE AFTER SHUT DOWN TO ACCOMMODATE FOR DECLINING FLOWS.



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## FACILITY PERMIT TO OPERATE OC WASTE & RECYCLING, PRIMA DESHECHA

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- C. OPERATE EACH INTERIOR WELLHEAD IN THE COLLECTION SYSTEM WITH A LANDFILL GAS TEMPERATURE LESS THAN 55 DEGREES C AND WITH EITHER A NITROGEN LEVEL LESS THAN 20% OR AN OXYGEN LEVEL LESS THAN 5% AS DETERMINED BY METHODS DESCRIBED IN §60.753(c).
  - D. OPERATE THE COLLECTION SYSTEM SO THAT THE METHANE CONCENTRATION IS LESS THAN 500 PPM ABOVE BACKGROUND AT THE SURFACE OF THE LANDFILL AS DETERMINED IN ACCORDANCE WITH MONITORING PROCEDURES SPECIFIED IN §60.753 AND 60.754.
  - E. OPERATE THE COLLECTION SYSTEM SUCH THAT ALL COLLECTED GASES ARE VENTED TO A CONTROL SYSTEM DESIGNED AND OPERATED IN COMPLIANCE WITH §60.752(b)(2)(iii).
  - F. OPERATE THE COLLECTION AND CONTROL SYSTEM IN COMPLIANCE WITH TEST METHODS AND PROCEDURES OF §60.754
  - G. OPERATE THE COLLECTION AND CONTROL SYSTEM IN COMPLIANCE WITH COMPLIANCE PROVISIONS OF §60.755
  - H. OPERATE THE COLLECTION AND CONTROL SYSTEM IN COMPLIANCE WITH MONITORING PROCEDURES OF §60.756
  - I. OPERATE THE COLLECTION AND CONTROL SYSTEM IN COMPLIANCE WITH REPORTING REQUIREMENTS OF §60.757
  - J. OPERATE THE COLLECTION AND CONTROL SYSTEM IN COMPLIANCE WITH RECORD KEEPING REQUIREMENTS OF §60.758
- [GASEOUS EMISSIONS: 40CFR60 SUBPART WWW]



**FACILITY PERMIT TO OPERATE  
OC WASTE & RECYCLING, PRIMA DESHECHA**

**PERMIT TO CONSTRUCT**

**A/N 492235  
Granted as of April 22, 2010**

**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 DESHECHA

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  
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- 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 DESHECHA

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  
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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]



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**FACILITY PERMIT TO OPERATE  
OC WASTE & RECYCLING, PRIMA DESHECHA**

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**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 DESHECHA**

**PERMIT TO CONSTRUCT**

**A/N 543050  
Granted as of June 4, 2013**

**Equipment Description:**

MODIFICATIONS TO EXISTING LANDFILL CONDENSATE AND LCRS COLLECTION AND STORAGE SYSTEM PERMIT TO OPERATE P/N G24668, 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, 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.
5. 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.
6. TANK (SD-1), SUB-DRAIN STORAGE, 3'-0" DIA. X 4'-0" HIGH, 200 GALLON CAPACITY
7. CONDENSATE AND LCRS PIPING AND VALVES, COLLECTING AND TRANSPORTING CONDENSATE AND LEACHATE.
8. PUMP STATION NO. 3, WITH COLLECTION TANK, 1'-6" DIA. BY 2' LONG, ABOVEGROUND, 80 GALLON CAPACITY, HDPE, WITH 13 GPM PNEUMATIC PUMP.
9. PUMP STATION NO. 4 THROUGH STATION NO. 10, WITH COLLECTION TANK, RANGING FROM 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.

**BY THE ADDITION OF:**

10. PUMP STATIONS NO. 3-10 WITH ASSOCIATED SUMPS AND PUMPS.
11. TANK, STORAGE, HDPE, 10'-3/2" DIA. BY 14'-23/12" H., 9100 GALLON CAPACITY, WITH VENT VALVE TO FLAME ARRESTOR AND 55 GALLON CARBON UNIT.



## FACILITY PERMIT TO OPERATE OC WASTE & RECYCLING, PRIMA DESHECHA

12. OPTIONAL 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).

### BY THE REMOVAL OF:

13. TANK, STORAGE, HDPE, 7'-6" DIA. BY 10'-2" H., 3000 GALLON CAPACITY, WITH VENT VALVE TO FLAME ARRESTOR AND 55 GALLON CARBON UNIT.
14. PUMP STATION NO. 3, WITH COLLECTION TANK, 1'-6" DIA. BY 2' LONG, ABOVEGROUND, 80 GALLON CAPACITY, HDPE, WITH 13 GPM PNEUMATIC PUMP.
15. PUMP STATION NO. 4 THROUGH STATION NO. 10, WITH COLLECTION TANK, RANGING FROM 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.

### 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]



**FACILITY PERMIT TO OPERATE  
OC WASTE & RECYCLING, PRIMA DESHECHA**

8. APPLICANT 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, APPLICANT SHALL PROVIDE IN WRITTEN REQUEST VERIFIABLE DATA TO SCAQMD IN ORDER TO SHOW COMPLIANCE WITH THE CONSTRUCTION SCHEDULE 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 APPLICANT RECEIVES WRITTEN CONFIRMATION OF SUCH CHANGES FROM SCAQMD.



SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT  
21865 Copley Drive, Diamond Bar, CA 91765

