



South Coast Air Quality Management District

21865 Copley Drive, Diamond Bar, CA 91765-4178
(909) 396-2000 • www.aqmd.gov

May 29, 2014

Mr. Dylan Wright
Director, OC Waste & Recycling
300 N. Flower Street, Suite 400
Santa Ana, CA 92703

Subject: Minor and De-minimis Significant Revision to Title V Permit for OC Waste & Recycling (OCWR), Olinda Alpha Landfill Facility (ID# 50418)

Dear Mr. Wright,

Enclosed please find the revised Title V facility permit for the OC Waste & Recycling (OCWR), Olinda Alpha Landfill (ID # 50418), an active landfill located at 1942 N. Valencia Avenue, Brea, CA. On April 10, 2014, the South Coast Air Quality Management District (SCAQMD) issued a draft Minor/De-Minimis Significant permit for Environmental Protection Agency's (EPA) review, and no comments were received from EPA.

The Facility Permit reflects the inclusion of the following changes:

SECTION A: Facility Information

Administrative revision includes Responsible Official's name and title; Mr. Dylan Wright, Director and contact person's name and title; Mr. Jeff Arbour, Manager-Environmental Services.

SECTION D: Permit to Construct and Temporary Permit to Operate

Appl. No. / Permit No.	Description
559308/N28077	Modification to existing permit to operate (N8079, A/N 360457), a gasoline fuel storage and dispensing system, by upgrading to a new Phase I Enhanced Vapor Recovery (EVR) System, and increase gasoline throughput to 4,000 gallons per month.

SECTION I: Plans and Schedules

Appl. No.	Description
560982	Rule 1150 Excavation Management Plan

Please review the attached pages; Title Page, Table of Contents, Section A, D and Section I, carefully. Insert the enclosed pages and sections in your Title V Facility Permit and discard the earlier versions.

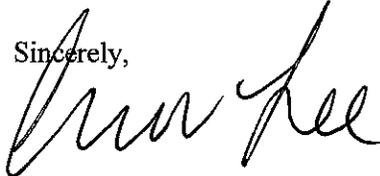
Mr. Dylan Wright
Title V Facility Permit Revision

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May 29, 2014

The operation of your facility is bound by the conditions and/or requirements stated in your Facility Permit to Operate. If you determine any administrative errors, please contact Mr. Gaurang Rawal at (909) 396-2543 or email grawal@aqmd.gov within 30 days of receipt of your permit.

Sincerely,



Andrew Y. Lee, P.E.
Senior AQ Engineering Manager
Energy/Public Services/Waste Mgmt/Terminals-
Permitting

AYL: CDT: GCR

cc: w/ enclosure
Geraldo Rios, EPA Region IX
Compliance
Title V Central File
Title V Revision A/Ns 559309 (minor) & 56098(de-minimis significant)



FACILITY PERMIT TO OPERATE

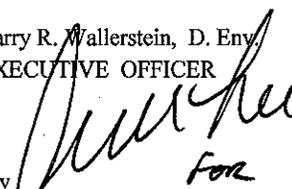
**O C WASTE & RECYCLING, OLINDA ALPHA
1942 N VALENCIA AVE
BREA, CA 92823**

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



**FACILITY PERMIT TO OPERATE
O C WASTE & RECYCLING, OLINDA ALPHA**

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D	Facility Description and Equipment Specific Conditions	5	05/29/2014
E	Administrative Conditions	1	10/06/2011
F	RECLAIM Monitoring and Source Testing Requirements	1	10/06/2011
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**FACILITY PERMIT TO OPERATE
O C WASTE & RECYCLING, OLINDA ALPHA**

SECTION A: FACILITY INFORMATION

LEGAL OWNER &/OR OPERATOR: O C WASTE & RECYCLING, OLINDA ALPHA

LEGAL OPERATOR (if different than owner):

EQUIPMENT LOCATION: 1942 N VALENCIA AVE
BREA, CA 92823-6807

MAILING ADDRESS: 300 N FLOWER N STE 400
SANTA ANA, CA 92703

RESPONSIBLE OFFICIAL: DYLAN WRIGHT

TITLE: DIRECTOR

TELEPHONE NUMBER: (714) 834-4122

CONTACT PERSON: JEFF ARBOUR

TITLE: MANAGER, ENVIRONMENTAL SERVICES

TELEPHONE NUMBER: (714) 834-4056

TITLE V PERMIT ISSUED: October 06, 2011

TITLE V PERMIT EXPIRATION DATE: October 05, 2016

TITLE V		RECLAIM	
YES	NOx:	NO	
	SOx:	NO	
	CYCLE:	0	
	ZONE:	COASTAL	



**FACILITY PERMIT TO OPERATE
OC WASTE & RECYCLING, OLINDA ALPHA**

**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 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 OPERATE AT THIS FACILITY:

Application Number	Permit to Operate Number	Equipment description	Page Number
390905	F46965	LANDFILL GAS COLLECTION (>50 WELLS)	6
425701	F80338	FLARE, ENCLOSED LANDFILL/DIGESTER GAS	13
456292	F83426	LANDFILL CONDENSATE/LEACHATE/COLLECTION	20
559308	N28077	SERV STAT STORAGE & DISPENSING GASOLINE	22

NOTE: 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 OC WASTE & RECYCLING, OLINDA ALPHA

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 PURCHASE FUEL OIL CONTAINING SULFUR COMPOUNDS IN EXCESS OF 500 PPM BY WEIGHT. ON OR AFTER JUNE 1, 2004, THE OPERATOR SHALL NOT PURCHASE FUEL OIL CONTAINING SULFUR COMPOUNDS IN EXCESS OF 15 PPM BY WEIGHT.
[RULE 431.2]
3. 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. 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 360 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]



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- 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]
 - 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]
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:



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- (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.
- 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
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PERMIT TO OPERATE

**Permit No. F46965
A/N 390905**

Equipment Description:

LANDFILL GAS COLLECTION SYSTEM CONSISTING OF:

OLINDA ALPHA CANYON (#23)

1. PHASE I COLLECTORS:

- A. NINE (9) HORIZONTAL COLLECTORS (23-A-1 THROUGH 23-I-1), EACH WITH ALTERNATING 10 FOOT LENGTHS OF 12" DIA. AND 15" DIA. PIPING.
- B. ONE (1) HORIZONTAL COLLECTOR (23-J-1), WITH ALTERNATING 10 FOOT LENGTHS OF 8" DIA. AND 12" DIA. PIPING.

2. PHASE II COLLECTORS:

- A. SEVEN (7) HORIZONTAL COLLECTORS (23-A-2 THROUGH 23-G-2), EACH WITH ALTERNATING 10 FOOT LENGTHS OF 12" DIA. AND 15" DIA. PIPING.
- B. SEVEN (7) HORIZONTAL COLLECTORS (23-H-2 THROUGH 23-N-2), EACH WITH PERFORATED 8" DIA. PIPING.

3. PHASE III COLLECTORS:

- A. EIGHT (8) HORIZONTAL COLLECTORS (23-A-3 THROUGH 23-H-3), ALPHA CANYON, EACH WITH ALTERNATING 10 FOOT LENGTHS OF 12" DIA. AND 15" DIA. PIPING.
- B. EIGHTEEN (18) HORIZONTAL COLLECTORS (23-I-3 THROUGH 23-Z-3), ALPHA CANYON, EACH WITH PERFORATED 8" DIA. PIPING.
- C. SEVEN (7) HORIZONTAL COLLECTORS (20-A-3 THROUGH 20-G-3), OLINDA CANYON, EACH WITH PERFORATED 8" DIA. PIPING.

4. PHASE IV COLLECTORS:

- A. FIFTEEN (15) HORIZONTAL COLLECTORS (23-A-4 THROUGH 23-O-4), EACH WITH ALTERNATING 10 FOOT LENGTHS OF 12" DIA. AND 15" DIA. PIPING.
- B. EIGHT (8) HORIZONTAL COLLECTORS (23-P-4 THROUGH 23-Y-4), EACH WITH PERFORATED 8" DIA. PIPING.



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5. PHASE V COLLECTORS:

- A. FIFTEEN (15) HORIZONTAL COLLECTORS (23-A-5 THROUGH 23-O-5), EACH WITH PERFORATED 8" DIA. PIPING.
- B. TEN (10) HORIZONTAL COLLECTORS (23-P-5 THROUGH 23-Y-5), EACH WITH PERFORATED 8" DIAMETER PIPING.

6. PHASE VI COLLECTORS:

- A. ELEVEN (11) HORIZONTAL COLLECTORS (23-A-6 THROUGH 23-K-6), EACH WITH PERFORATED 8" DIAMETER PIPING.
- B. NINETEEN (19) HORIZONTAL COLLECTORS (23-L-6 THROUGH 23-Y-6), EACH WITH PERFORATED 8" DIAMETER PIPING.

7. PERIMETER COLLECTORS:

- A. FORTY (40) PERIMETER HORIZONTAL COLLECTORS (23-PT-1 THROUGH 23-PT-4, 23-PT-7 THROUGH 23-PT-35, 23-PT-37 THROUGH 23-PT-41, AND 23-PT-46 THROUGH 23-PT-47), EACH WITH 8" DIA. PERFORATED PIPING.
- B. TWELVE (12) PERIMETER HORIZONTAL COLLECTORS (23-PT-48 THROUGH 23-PT-90), EACH WITH 8" DIAMETER PERFORATED PIPING.
- C. UP TO THIRTY (30) PERIMETER HORIZONTAL COLLECTORS TO BE ADDED AS NEEDED

8. VERTICAL COLLECTION WELLS

- A. SEVENTY-NINE (79) VERTICAL LANDFILL GAS COLLECTION WELLS, (23-EW-12 THROUGH 23-EW-65, 23-EW-65A THROUGH 23-EW-65D, 23-EW-66 THROUGH 23-EW-68, 23-EW-69D, 23-EW-69S, 23-EW-70 THROUGH 23-EW-79, (AW-1 THROUGH AW-6) RANGING FROM 40 TO 100 FEET DEEP, EACH WITH 4-INCH DIAMETER SLOTTED PIPE CASING.
- B. UP TO FORTY (40) VERTICAL LANDFILL GAS WELLS, TO BE ADDED AS NEEDED

OLINDA CANYON (#20)

9. PHASE I COLLECTORS:

TWO (2) HORIZONTAL COLLECTORS (20-OA-1 THROUGH 20-OB-1), EACH WITH ALTERNATING 10 FOOT LENGTHS OF 12-INCH AND 15-INCH DIAMETER PIPING.

10. PHASE II COLLECTORS:

SIX (6) HORIZONTAL COLLECTORS (20-A-2 THROUGH 20-F-2), EACH WITH 8" DIAMETER PERFORATED PIPING.

11. PHASE III COLLECTORS:

TWELVE (12) HORIZONTAL COLLECTORS (20-A-3 THROUGH 20-L-3), EACH WITH 8" DIAMETER PERFORATED PIPING.



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12. PHASE IV COLLECTORS:

TWELVE (12 HORIZONTAL COLLECTORS (20-A-4 THROUGH 20-L-4) EACH WITH 8" DIAMETER PERFORATED PIPING.
13. PHASE V COLLECTORS:
 - A. TEN (10) HORIZONTAL COLLECTORS (20-A-5 THROUGH 20-J-5) EACH WITH 8" DIAMETER PERFORATED PIPING.
 - B. SIX (6) HORIZONTAL COLLECTORS (20-K-5 THROUGH 20-P-5, EACH WITH 8" DIAMETER PERFORATED PIPING.
14. PHASE VI COLLECTORS:

TEN (10) HORIZONTAL COLLECTORS (20-A-6 THROUGH 20-J-6) EACH WITH 8" DIAMETER PERFORATED PIPING.
15. PHASE VII COLLECTORS:

THREE (3) HORIZONTAL COLLECTORS (20-A-7 THROUGH 20-C-7) EACH WITH 8" DIAMETER PERFORATED PIPING.
16. PHASE VIII COLLECTORS:

THREE (3) HORIZONTAL COLLECTORS (20-A-8 THROUGH 20-C-8) EACH WITH 8" DIAMETER PERFORATED PIPING.
17. PERIMETER COLLECTORS:
 - A. ONE (1) PERIMETER HORIZONTAL COLLECTOR (20-OPT-1), WITH ALTERNATING 10-FOOT LENGTHS OF 12-INCH AND 15-INCH DIAMETER PIPING.
 - B. TEN (10) PERIMETER HORIZONTAL COLLECTORS (20-OPT-2 THROUGH 20-OPT-10), EACH WITH 4" DIAMETER PERFORATED PIPING.
 - C. UP TO TEN (10) PERIMETER HORIZONTAL COLLECTORS TO BE ADDED AS NEEDED
18. VERTICAL COLLECTORS:
 - A. TWENTY-SEVEN (27) VERTICAL LANDFILL GAS COLLECTION WELLS, (20-EW-1 THROUGH 20-EW-11, 20-EW-18A THROUGH 203-EW-18D, 20-EW-19B THROUGH 20-EW-19D, 20-EW-25A THROUGH 20-EW-25C, 20-EW-30A THROUGH 20-EW-30C, 20-EW-36A THROUGH 20-EW-36C, RANGING FROM 40 TO 100 FEET DEEP, EACH WITH 4-INCH DIAMETER SLOTTED PIPE CASING.
 - B. UP TO FIFTY (50) VERTICAL LANDFILL GAS WELLS, TO BE ADDED AS NEEDED



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CENTER RIDGE (CR)

19. PHASE I COLLECTORS:

TWO (2) HORIZONTAL COLLECTORS (CR-A-1 THROUGH CR-B-1) EACH WITH 8" DIAMETER PERFORATED PIPING.

20. PHASE II COLLECTORS:

TWO (2) HORIZONTAL COLLECTORS (CR-A-2 THROUGH CR-B-2) EACH WITH 8" DIAMETER PERFORATED PIPING.

21. PHASE III COLLECTORS:

THREE (3) HORIZONTAL COLLECTORS (CR-A-3 THROUGH CR-C-3) EACH WITH 8" DIAMETER PERFORATED PIPING.

22. PHASE IV COLLECTORS:

THIRTEEN (13) HORIZONTAL COLLECTORS (CR-A-4 THROUGH CR-M-4) EACH WITH 8" DIAMETER PERFORATED PIPING.

23. LATERALS AND HEADERS, CONNECTING THE HORIZONTAL COLLECTORS AND VERTICAL WELLS AND DIRECTING THE GAS TO A GAS TREATMENT/PROCESSING FACILITY.

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 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 BY THE SCAQMD.
[RULE 1150.1, 1303(a)(1)-BACT]
5. PRIOR TO CONNECTING ANY VAPOR EXTRACTION LINE TO THE COLLECTION SYSTEM, EACH PIPING LINE SHALL BE SEALED AT BOTH ENDS TO PREVENT LANDFILL GAS FROM ESCAPING FROM THE LINE INTO THE ATMOSPHERE.
[RULE 402, 1150.1]



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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 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.
[RULE 1150, 1150.1]
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. AS BUILT DRAWINGS SHOWING THE TRENCH LOCATIONS, VERTICAL WELL LOCATIONS, AND LINE SIZES SHALL BE PROVIDED TO THE SCAQMD WITHIN 90 DAYS AFTER CONSTRUCTION IS COMPLETED.
[RULE 1150.1]
12. THE SCAQMD SHALL BE NOTIFIED IN WRITING WHEN WORK ON THIS SYSTEM COMMENCES AND WHEN IT IS COMPLETED. SUCH NOTIFICATION SHALL OCCUR AT LEAST TWO DAYS PRIOR TO THE COMMENCEMENT AND WITHIN FIVE DAYS AFTER THE COMPLETION OF THE WORK.
[RULE 1150.1]
13. WELL DRILLING, DRIVING, AND/OR TRENCHING SHALL BE ALLOWED ON SATURDAYS, SUNDAYS, AND LEGAL HOLIDAYS. HOWEVER, WELL DRILLING, DRIVING, AND/OR TRENCHING SHALL NOT BE CONDUCTED BETWEEN THE HOURS OF 5:00 PM AND 7:00 AM.
[RULE 402, 1150]
14. WELL DRILLING, DRIVING, AND/OR TRENCHING SHALL NOT BE CONDUCTED ON DAYS WHEN THE SCAQMD FORECASTS FIRST, SECOND OR THIRD STAGE EPISODES FOR AREA NO. 16, OR WHEN THE SCAQMD REQUIRES COMPANIES IN AREA NO. 16 TO IMPLEMENT THEIR FIRST, SECOND OR THIRD STAGE EPISODE PLANS. EPISODE FORECASTS FOR THE FOLLOWING DAY CAN BE OBTAINED BY CALLING (800) 242-4666.
[RULE 402, 1150]



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15. WELL DRILLING, DRIVING, AND/OR TRENCHING 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]
16. DURING WELL DRILLING, DRIVING, AND/OR TRENCHING, ALL WORKING AREAS, EXCAVATED MATERIAL, AND UNPAVED ROADWAYS SHALL BE MAINTAINED IN A MOIST CONDITION TO MINIMIZE DUST AND EMISSIONS.
[RULE 402, 403, 1150]
17. DURING WELL DRILLING, DRIVING, AND/OR TRENCHING, 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]
18. 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]
19. NO MORE THAN ONE HUNDRED (100) LINEAR FEET OF TRENCH, WHICH EXPOSES LANDFILL MATERIAL TO THE ATMOSPHERE, SHALL BE OPEN AT ANY TIME PRIOR TO BACKFILLING, UNLESS OTHERWISE NOTED BELOW.
[RULE 402, 1150]
20. 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]



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21. IF A DISTINCT ODOR LEVEL (LEVEL III OR GREATER) RESULTING FROM THE WELL DRILLING, DRIVING, AND/OR TRENCHING IS DETECTED AT OR BEYOND THE PROPERTY LINE, THE FOLLOWING MITIGATION MEASURES SHALL BE IMPLEMENTED UNTIL DETERMINED ACCEPTABLE TO RETURN TO PREVIOUS PROCEDURES:
- (A) NO MORE THAN 50 LINEAR FEET OF TRENCH WHICH EXPOSES LANDFILL MATERIAL TO THE ATMOSPHERE SHALL BE OPEN AT ANY TIME PRIOR TO BACKFILLING.
- (B) EXCAVATED REFUSE SHALL NOT BE STOCKPILED ON SITE. ALL EXCAVATED REFUSE SHALL BE DEPOSITED DIRECTLY INTO THE VEHICLES WHICH WILL HAUL IT TO THE WORKING FACE.
- ODOR LEVELS SHALL BE DETERMINED BY SCAQMD PERSONNEL OR AN ON- SITE SAFETY COORDINATOR IN THE ABSENCE OF SCAQMD PERSONNEL. ONLY SCAQMD PERSONNEL SHALL HAVE THE AUTHORITY TO DETERMINE WHEN IT IS ACCEPTABLE TO RETURN TO PREVIOUS OPERATING PROCEDURES.
[RULE 402, 1150]
22. THE EXTERIOR OF VEHICLES (INCLUDING THE TIRES) HAULING EXCAVATED MATERIAL SHALL BE CLEANED OFF PRIOR TO LEAVING THE WORKING SITE.
[RULE 1150]
23. ALL EXCAVATED REFUSE SHALL BE BURIED AT THE WORKING FACE OF THE LANDFILL BY THE END OF EACH DAY.
[RULE 1150]
24. 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 SHOWS AND DESCRIBES THE ENTIRE GAS COLLECTION SYSTEM. ESTIMATED GAS COLLECTION VOLUME, WELL DEPTHS, PIPE LENGTHS, DIAMETERS, AND LAYOUTS SHALL BE PROVIDED TO THE SCAQMD IN TIES ADVANCE NOTIFICATION.
[RULE 1150.1]
25. 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 403, 1150]
26. A COPY OF THIS PERMIT SHALL BE KEPT AT THE SITE OFFICE AT ALL TIMES.
[RULE 206]

Emissions and Requirements:

27. 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



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PERMIT TO OPERATE

**Permit No. F80338
A/N 425701**

Equipment Description:

LANDFILL GAS FLARING SYSTEM CONSISTING OF:

1. LANDFILL GAS FILTER/KNOCKOUT VESSEL (V-301B), 2000 GALLON WITH DEMISTER PAD
2. CONDENSATE HOLDING TANK (T-701), 6500 GALLONS, STORING CONDENSATE FROM V-301B PRIOR TO CONDENSATE INJECTION SYSTEM
3. SEVEN (7) BLOWERS, EACH 2100 SCFM, 100 HP
4. THREE (3) AUTOMATIC SHUT-OFF VALVES
5. THREE (3) FLOW METERS
6. THREE (3) FLAME ARRESTORS
7. FOUR (4) CONDENSATE INJECTION PUMPS, EACH 10 GPM WITH FLOW INDICATING AND RECORDING DEVICES.
8. TWO (2) PROPANE TANKS, EACH 10 GALLON CAPACITY
9. FLARE (F-1), LANDFILL GAS SPECIALTIES, INC., 50 FT. HIGH BY 11 FT DIA., 4200 SCFM CAPACITY, WITH PROPANE PILOT, ELECTRIC IGNITER, UV FLAME SCANNER, FOUR THERMOCOUPLES, TWO CONDENSATE INJECTION NOZZLES.
10. FLARE (F-2), PERENNIAL ENERGY, 49 FT. HIGH BY 12'-6" DIA., 4200 SCFM, 120 MMBTU/HR, WITH PROPANE PILOT, UV FLAME SCANNER, THREE THERMOCOUPLES, TWO CONDENSATE INJECTION NOZZLES.
11. FLARE (F-3), PERENNIAL ENERGY, 49 FT. HIGH BY 12'-6" DIA., 4200 SCFM, 120 MMBTU/HR, WITH PROPANE PILOT, UV FLAME SCANNER, THREE THERMOCOUPLES, TWO CONDENSATE INJECTION NOZZLES

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]



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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. FOUR (4) SAMPLING PORTS SHALL BE PROVIDED IN EACH FLARE STACK AT LEAST FIVE (5) FEET UPSTREAM OF THE FLARE OUTLETS. EACH SAMPLING PORT SHALL CONSIST OF A FOUR-INCH COUPLING WITH PLUG. ALL PORTS SHALL BE PROPERLY CENTERED. AN EQUIVALENT METHOD OF EMISSION SAMPLING MAY BE USED UPON APPROVAL BY THE EXECUTIVE OFFICER. ADEQUATE AND SAFE ACCESS TO ALL SOURCE TEST PORTS SHALL BE PROVIDED.
[RULE 217]
5. A SAMPLING PORT SHALL BE INSTALLED AND MAINTAINED AT THE INLET GAS LINE TO EACH FLARE TO ALLOW THE COLLECTION OF A LANDFILL GAS SAMPLE.
[RULE 217, 431.1, 1150.1]
6. EACH 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]
7. WHENEVER THE FLARE(S) IS(ARE) IN OPERATION, A TEMPERATURE OF NOT LESS THAN 1675 DEGREES F FOR FLARE F-1 AND 1400 DEGREES FOR FLARES F-2 AND F-3, AS MEASURED BY THE TEMPERATURE INDICATOR(S) AND RECORDER(S), SHALL BE MAINTAINED IN THE FLARE STACK(S).
[RULE 1303(a)(1)-BACT]
8. EACH 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(S) FROM THE LANDFILL GAS SUPPLY LINE, SHUT OFF THE BLOWER(S) AND IMMEDIATELY NOTIFY A RESPONSIBLE PARTY OF THE SHUT-DOWN.
[RULE 1303(a)(1)-BACT]
9. THE AUTOMATIC SHUT-DOWN SAFETY SYSTEM SHALL BE TESTED MONTHLY FOR PROPER OPERATION AND THE RESULTS RECORDED.
[RULE 1303(a)(1)-BACT]
10. A FLOW INDICATING AND RECORDING DEVICE SHALL BE INSTALLED IN THE LANDFILL GAS SUPPLY LINE TO EACH FLARE TO MEASURE AND RECORD THE QUANTITY OF LANDFILL GAS (IN SCFM) BEING BURNED IN EACH FLARE. THE FLOW INDICATING AND RECORDING DEVICE SHALL OPERATE CONTINUOUSLY WHENEVER THE FLARE IS IN OPERATION.
[RULE 1303(b)(2)-OFFSET]



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11. THE VOLUME OF LANDFILL GAS BURNED IN EACH FLARE SHALL NOT EXCEED 4200 STANDARD CUBIC FEET PER MINUTE.
[RULE 1303(b)(2)-OFFSET]
12. THE HEAT INPUT THROUGH FLARE F-1 SHALL NOT EXCEED 115.72 MILLION BTU'S PER HOUR.
[RULE 1303(b)(2)-OFFSET]
13. THE HEAT INPUT THROUGH EACH OF FLARES F-2 AND F-3 SHALL NOT EXCEED 120 MILLION BTU'S PER HOUR.
[RULE 1303(b)(2)-OFFSET]
14. WEEKLY READINGS OF THE METHANE CONTENT OF THE GAS, IN PERCENT METHANE, AT THE INLET TO THE FLARE STATION SHALL BE RECORDED USING AN INSTRUMENT APPROVED BY THE SCAQMD. BTU CONTENT SHALL BE CALCULATED BY THE FOLLOWING EQUATION:

$$\text{BTU CONTENT} = (1050 \text{ BTU/CF}) * (\text{PERCENT METHANE})$$

[RULE 1303(b)(2)-OFFSET]
15. FLOW INDICATING AND RECORDING DEVICES SHALL BE INSTALLED IN THE CONDENSATE LINE TO MEASURE AND RECORD THE CONDENSATE INJECTION RATE(S) INTO EACH FLARE.
[RULE 1303(b)(2)-OFFSET]
16. THE MAXIMUM VOLUMETRIC RATE OF CONDENSATE INJECTED INTO FLARE F-1 SHALL NOT EXCEED 6.1 GALLONS PER MINUTE (GPM) AND 1.45 GPM PER 1000 SCFM LANDFILL GAS BURNED.
[RULE 1303(b)(2)-OFFSET]
17. THE MAXIMUM VOLUMETRIC RATE OF CONDENSATE INJECTED INTO EACH OF FLARE F-2 OR F-3 SHALL NOT EXCEED 4.2 GALLONS PER MINUTE (GPM) AND 1.0 GPM PER 1000 SCFM LANDFILL GAS BURNED.
[RULE 1303(b)(2)-OFFSET]
18. ALL LANDFILL GAS COLLECTED SHALL BE DIRECTED TO THE FLARE STATION FOR COMBUSTION OR TO ANY OTHER 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, RULE 1303(a)(1)-BACT]
19. ALL RECORDING DEVICES SHALL BE SYNCHRONIZED WITH RESPECT TO THE TIME OF DAY.
[RULE 1303(b)(2)-OFFSET]
20. EACH FLARE SHALL BE EQUIPPED WITH AT LEAST ONE VIEW PORT TO ALLOW VISUAL INSPECTION OF THE FLAME 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]
21. EACH FLARE SHALL BE DESIGNED AND 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]



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22. THE MAXIMUM FLARE SKIN TEMPERATURE AROUND THE WORKING AREAS OF FLARE F-1 SHALL NOT EXCEED 300 DEGREES F.
[RULE 217]
23. THE MAXIMUM FLARE SKIN TEMPERATURE AT ANY LOCATION ON FLARES F-2 OR F-3 SHALL NOT EXCEED 300 DEGREES F.
[RULE 217]
24. 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 (FOR F-2 & F-3) AND 1675 (FOR F-1) 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 (FOR F-2 & F-3) AND 1675 (FOR F-1) DEGREES FAHRENHEIT OCCURS DURING NORMAL OPERATION EXCEPT DURING STARTUPS OR SHUTDOWNS. NOT TO EXCEED 30 MINUTES. THE EXHAUST TEMPERATURE SHALL BE AVERAGED OVER A 15-MINUTE PERIOD, AND HOURLY AVERAGE SHALL BE COMPUTED FROM SUCH DATA POINTS. 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 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.



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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]

25. 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 AT (909) 396-2575 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]
26. THE APPLICANT SHALL CONDUCT ANNUAL TESTS AND SUBMIT RESULTS IN ACCORDANCE WITH SCAQMD RULE 1150.1 REQUIREMENTS. WRITTEN NOTICE OF THE TESTS SHALL BE PROVIDED TO THE SCAQMD SEVEN (7) DAYS PRIOR TO THE TESTING SO THAT AN OBSERVER MAY BE PRESENT. ALL TESTING AND ANALYTICAL METHODS SHALL BE SUBMITTED TO THE SCAQMD FOR APPROVAL AT LEAST SIXTY (60) DAYS PRIOR TO START OF TESTS.

THE TESTS SHALL BE CONDUCTED AT THE MAXIMUM FLOW RATES ALLOWED BY THIS PERMIT, OR THE MAXIMUM FLOW RATES ACHIEVABLE, AND SHALL INCLUDE, BUT MAY NOT BE LIMITED TO, A TEST OF THE INLET GAS TO THE FLARE(S) AND THE FLARE EXHAUST(S) FOR:

- A. METHANE
 - B. TOTAL NON-METHANE ORGANICS
 - C. OXIDES OF NITROGEN (EXHAUST ONLY, WITH AND WITHOUT CONDENSATE INJECTION)
 - D. CARBON MONOXIDE (EXHAUST ONLY, WITH AND WITHOUT CONDENSATE INJECTION)
 - E. TOTAL PARTICULATES (EXHAUST ONLY, WITH AND WITHOUT CONDENSATE INJECTION)
 - F. HYDROGEN SULFIDE (INLET ONLY)
 - G. C1 THROUGH C3 SULFUR COMPOUNDS (SPECIATED, INLET ONLY)
 - H. CARBON DIOXIDE
 - I. RULE 1150.1 TABLE 1 COMPOUNDS
 - J. OXYGEN
 - K. NITROGEN
 - L. MOISTURE CONTENT
 - M. TEMPERATURE
 - N. FLOW RATE
 - O. NMOC DESTRUCTION EFFICIENCY
 - P. CONDENSATE INJECTION RATE AT TIME OF TEST
- [RULE 1150.1, 1303(a)(1)-BACT, 1303(b)(2)-OFFSET, 1401, 40 CFR 60 SUBPART WWW, 40 CFR 63 SUBPART AAAA]



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27. EMISSIONS RESULTING FROM FLARE F-1 SHALL NOT EXCEED THE FOLLOWING:

POLLUTANT	LBS./HOUR
NOX, AS NO2	6.9
SOX, AS SO2	2.2
CO	8.33
PM (PM10)	2.85
NMHC, AS METHANE	1.95
[RULE 1303(b)(2)-OFFSET]	

28. EMISSIONS RESULTING FROM FLARE F-2 SHALL NOT EXCEED THE FOLLOWING:

POLLUTANT	LBS./HOUR
NOX, AS NO2	7.2
SOX, AS SO2	2.2
CO	8.58
PM (PM10)	2.85
NMHC, AS METHANE	1.95
[RULE 1303(b)(2)-OFFSET]	

29. EMISSIONS RESULTING FROM FLARE F-3 SHALL NOT EXCEED THE FOLLOWING:

POLLUTANT	LBS./HOUR
NOX, AS NO2	5.8
SOX, AS SO2	2.2
CO	24.0
PM (PM10)	2.85
NMHC, AS METHANE	1.95
[RULE 1303(b)(2)-OFFSET]	

Emissions and Requirements:

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

- CO: 2000 PPM, RULE 407
0.072 LBS/MMBTU FOR FLARES F-1 & F-2, RULE 1303(a)(1)-BACT.
0.15 LBS/MMBTU INLET LFG CONTAINING 50% OR LESS METHANE FOR FLARE F-3- RULE 1303(a) (1)-BACT
0.20 LBS/MMBTU INLET LFG CONTAINING GREATER THAN 50% METHANE FOR FLARE F-3, RULE 1303(a) (1)-BACT
- NOx: 0.06 LBS/MMBTU INLET GAS FOR FLARES F-1 & F-2, RULE 1303(a) (1)-BACT
0.048 LBS/MMBTU INLET GAS FOR FLARES F-3, RULE 1303(a) (1)-BACT
- NMOC: 15 PPMV AS HEXANE AT 3 PERCENT OXYGEN, FLARE F-3, RULE 1303(a) (1)-BACT
20 PPM OR 98 PERCENT WEIGHT REDUCTION, RULE 1150.1, 40 CFR 60 SUBPART WWW AND 40 CFR 63 SUBPART AAAAA



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PM: 0.1 GR/SCF, RULE 409
11.3 LBS/MMCF INLET GAS, RULE 1303(b) (2)-OFFSET
RULE 404, SEE APPENDIX B FOR EMISSION LIMITS



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PERMIT TO OPERATE

**Permit No. F83426
A/N 456292**

Equipment Description:

LANDFILL CONDENSATE/GROUNDWATER/LCRS COLLECTION AND STORAGE SYSTEM CONSISTING OF:

1. TANK, CONDENSATE COLLECTION, HDPE, VERTICAL, 10' DIAM. BY 8'2" HIGH, 4300 GALLON CAPACITY, WITH LIQUID LEVEL CONTROLLER AND ALARM, CONTAINED IN 12' DIAM. BY 5'-10" HDPE SECONDARY CONTAINMENT, COLLECTING LIQUID FROM GAS HEADER LINE, VENTED TO 55 GALLON ACTIVATED CARBON CANISTER.
2. TWO (2) PUMPS, LEAD AND LAG, END SUCTION TYPE, 20 GPM, 2 HP, LOCATED OUTSIDE CONDENSATE COLLECTION TANK, PUMPING CONDENSATE FROM COLLECTION TANK TO HEADER LEADING TO TREATMENT FACILITY.
3. TANK, CONDENSATE STORAGE, HDPE, 10,000 GALLON CAPACITY, ABOVEGROUND, WITH PRESSURE RELIEF VALVE, VENTED TO A 55 GALLON CARBON CANISTER.
4. TANK, LEACHATE STORAGE, HDPE, VERTICAL, 12'-0" DIAM. BY 12'-10" HIGH, 10,000 GALLON CAPACITY, ABOVEGROUND, WITH SECONDARY CONTAINMENT, VENTED TO 55 GALLON CARBON CANISTER.
5. TANK, GROUNDWATER STORAGE, XLPE, 10' DIAM. BY 13' HIGH, 7100 GALLON CAPACITY, VENTED TO 55 GALLON CARBON CANISTER, FOR HOLDING GROUNDWATER PRIOR TO OZONE TREATMENT.
6. TANK, SEEP WATER BACKUP STORAGE, HDPE, 12 DIAM. BY 14'-4" HIGH, 10,300 GALLON CAPACITY, WITH SECONDARY CONTAINMENT, VENTED TO 55 GALLON CARBON CANISTER, BACKUP STORAGE CAPACITY TO GROUNDWATER STORAGE TANK.
7. PIPING AND VALVES, COLLECTING AND TRANSPORTING CONDENSATE, LEACHATE AND GROUNDWATER.

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]



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3. THIS EQUIPMENT SHALL BE OPERATED BY PERSONNEL PROPERLY TRAINED IN ITS OPERATION.
[RULE 204]
4. ALL CONDENSATE, LEACHATE, AND/OR GROUNDWATER COLLECTED SHALL BE DISPOSED OF AND/OR TREATED PROPERLY.
[RULE 402]
5. EMISSIONS FROM THE OUTLET OF EACH CARBON CANISTER 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, CONDENSATE VAPORS AND/OR LEACHATE 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 TANKS.
[RULE 402]



**FACILITY PERMIT TO OPERATE
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PERMIT TO CONSTRUCT/OPERATE

**Permit No. N28077
A/N 559308**

Equipment Description:

Fuel Storage and Dispensing Facility Consisting of:

1. 1 - GASOLINE NOZZLE DISPENSING 1 PRODUCT, EQUIPPED WITH PHASE II VAPOR RECOVERY SYSTEM, BALANCE RETRACTOR (G-70-52-AM).
2. 1 - GASOLINE ABOVEGROUND STORAGE TANK, CONVAULT AST (VR-301-E), RECTANGULAR, 11' - 0" L. X 5' - 8" W. X 4' - 0" H., 1,000 GALLON CAPACITY, EQUIPPED WITH A HUSKY 5885 PRESSURE/VACUUM RELIEF VALVE, AND A MORRISON BROTHERS PHASE I ENHANCED VAPOR RECOVERY (EVR) SYSTEM (VR-402-B).

Conditions:

SECTION I: GENERAL 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]

SECTION II: PHASE I VAPOR RECOVERY SYSTEM AND TESTING REQUIREMENTS

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. A LEAK RATE AND CRACKING PRESSURE TEST OF PRESSURE/VACUUM RELIEF VENT VALVES SHALL BE CONDUCTED WITHIN TEN DAYS (10) AFTER THE START OF OPERATION OF THE PHASE I EVR EQUIPMENT AND AT LEAST ONCE EVERY THREE (3) YEARS THEREAFTER TO DETERMINE THE PRESSURE AND VACUUM AT WHICH THE PRESSURE/VACUUM VENT VALVE ACTUATES, AND TO DETERMINE THE VOLUMETRIC LEAK RATE AT A GIVEN PRESSURE. THE TEST SHALL BE CONDUCTED IN ACCORDANCE WITH THE TEST PROCEDURE METHOD TP-201.1E (OCTOBER 8, 2003). RESULTS SHALL BE SUBMITTED TO THE AQMD, OFFICE OF ENGINEERING AND COMPLIANCE, WITHIN SEVENTY-TWO (72) HOURS OF TEST. THIS TEST RESULT SHALL BE KEPT ON SITE FOR THREE (3) YEARS AND MADE AVAILABLE TO DISTRICT REPRESENTATIVES UPON REQUEST.
[RULE 461]



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SECTION III: PHASE II VAPOR RECOVERY SYSTEM AND TESTING REQUIREMENTS

- 5. 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]
- 6. A STATIC PRESSURE PERFORMANCE TEST SHALL BE CONDUCTED TO QUANTIFY THE VAPOR TIGHTNESS OF THE ABOVEGROUND STORAGE TANK. THE TEST SHALL BE CONDUCTED IN ACCORDANCE WITH THE LATEST VERSION OF EXHIBIT 4 OF CARB EXECUTIVE ORDER VR-402, 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. THE PHASE II VAPOR RECOVERY SYSTEM 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 PRESSURES 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 PRESSURES. THE TESTS SHALL BE CONDUCTED IN ACCORDANCE WITH CARB TEST PROCEDURE TP-201.4 (JULY 3, 2002), METHODOLOGY 1 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 TESTS.
[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 IN ACCORDANCE WITH CARB TEST PROCEDURE METHOD TP-201.6 (APRIL 28, 2000) 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]

SECTION V: GENERAL REQUIREMENTS

- 9. 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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10. ALL PERMIT CONDITIONS APPLICABLE TO THE EQUIPMENT DESCRIBED IN THE PREVIOUS PERMIT TO OPERATE N8079 SHALL REMAIN IN EFFECT UNTIL THE NEW OR MODIFIED EQUIPMENT IS CONSTRUCTED AND OPERATED AS DESCRIBED IN THIS NEW PERMIT. THIS PERMIT TO CONSTRUCT/OPERATE SHALL BECOME INVALID IF THE MODIFICATION AS DESCRIBED IN THE EQUIPMENT DESCRIPTION HAS NOT BEEN COMPLETED WITHIN ONE YEAR FROM THE ISSUE DATE. IF THE MODIFICATION HAS NOT BEEN COMPLETED WITHIN ONE YEAR FROM THE ISSUE DATE OF THE PERMIT, A WRITTEN REQUEST SHALL BE SUBMITTED TO THE AQMD (ATTENTION: RANDY MATSUYAMA) TO REINSTATE THE PREVIOUSLY INACTIVATED PERMIT TO OPERATE. A NEW APPLICATION SHALL BE FILED IF THERE ARE PLANS TO CONTINUE WITH THE MODIFICATION. FURTHERMORE, THIS CONDITION DOES NOT ALLOW ANY TIME EXTENSIONS TO ANY MODIFICATIONS REQUIRED BY THE CALIFORNIA AIR RESOURCES BOARD OR AQMD.
[RULE 204]
11. NEW EQUIPMENT INSTALLATIONS AND SUBSEQUENT SERVICE AND REPAIRS FOR ANY CERTIFIED COMPONENT FOR WHICH THIS PERMIT WAS ISSUED, SHALL ONLY BE PERFORMED BY A CURRENT AND CERTIFIED PERSON WHO HAS SUCCESSFULLY COMPLETED THE MANUFACTURER'S TRAINING COURSE AND APPROPRIATE INTERNATIONAL CODE COUNCIL (ICC) CERTIFICATION. COMPLETION OF ANY AQMD TRAINING COURSE DOES NOT CONSTITUTE AS A SUBSTITUTE FOR THIS REQUIREMENT. PROOF OF SUCCESSFUL COMPLETION OF ANY MANUFACTURER TRAINING COURSE SHALL BE WITH THE MANUFACTURER.
[RULE 204]
12. THE DISTRICT AT ITS DISCRETION MAY WISH TO WITNESS THE INSTALLATION AND/OR PERFORMANCE TESTING OF THE NEW VAPOR RECOVERY EQUIPMENT. AT LEAST SEVENTY-TWO (72) HOURS PRIOR TO THE INSTALLATION OF THE EQUIPMENT AND ANY OF THE MENTIONED TESTING REQUIREMENTS IN THIS PERMIT, THE APPLICANT SHALL NOTIFY THE AQMD BY METHODS SPECIFIED AT THE TIME BY THE EXECUTIVE OFFICER. 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 204]
13. UNLESS AQMD RULE 461 REQUIRES A MORE FREQUENT TESTING OR INSPECTION SCHEDULE, THE OWNER/OPERATOR SHALL BE RESPONSIBLE TO PERFORM THE SCHEDULED WEEKLY, QUARTERLY, AND ANNUAL INSPECTIONS AS OUTLINED IN THE ARB APPROVED INSTALLATION, OPERATION, AND MAINTENANCE MANUAL FOR THE MORRISON BROS. PHASE I EVR SYSTEM, AS WELL AS ALL THE REQUIRED VAPOR RECOVERY SYSTEM TESTS AS PER THE CURRENT AND APPROPRIATE ARB EXECUTIVE ORDER.
[RULE 204]
14. AT LEAST SEVENTY-TWO (72) HOURS PRIOR TO BACK-FILLING ANY UNDERGROUND PIPING, THE SCAQMD SHALL BE NOTIFIED BY METHODS SPECIFIED AT THE TIME BY THE EXECUTIVE OFFICER. 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 BACK-FILLING PROCEDURE. THE BACK-FILLING PROCEDURE SHALL NOT COMMENCE UNTIL INSPECTED BY A DISTRICT REPRESENTATIVE.
[RULE 204]



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15. THE AQMD SHALL BE NOTIFIED BY METHODS SPECIFIED AT THE TIME BY THE EXECUTIVE OFFICER 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 204]
16. THE TESTING FOR THE ABOVE MENTIONED TESTS SHALL BE CONDUCTED IN ACCORDANCE WITH THE MOST RECENT RULE 461 AMENDMENT OR CARB EXECUTIVE ORDER REQUIREMENTS, WHICHEVER IS MORE STRINGENT.
[RULE 461]
17. A COPY OF THE PASS/FAIL TEST RESULTS SHALL BE SENT BY METHODS SPECIFIED AT THE TIME BY THE EXECUTIVE OFFICER WITHIN SEVENTY-TWO (72) HOURS AFTER EACH TEST IS CONDUCTED. FURTHERMORE, THE FINAL TEST RESULTS DEMONSTRATING COMPLIANCE SHALL BE SUBMITTED BY METHODS SPECIFIED AT THE TIME BY THE EXECUTIVE OFFICER WITHIN FOURTEEN (14) CALENDAR DAYS FROM THE DATE WHEN ALL TESTS WERE PASSED. THE TEST REPORT SHALL INCLUDE AT A MINIMUM ALL THE REQUIRED RECORDS OF ALL TESTS PERFORMED, TEST DATA, CURRENT AQMD FACILITY ID NUMBER OF THE LOCATION BEING TESTED, THE EQUIPMENT PERMIT TO OPERATE OR APPLICATION NUMBER, THE AQMD ID NUMBER OF THE COMPANY PERFORMING THE TESTS, A STATEMENT WHETHER THE SYSTEM OR COMPONENT TESTED MEETS THE REQUIRED STANDARDS, AND THE NAME, AQMD TESTER ID NUMBER AND SIGNATURE OF THE PERSON RESPONSIBLE FOR CONDUCTING THE TESTS.
[RULE 204]
18. ALL RECORDS AND TEST RESULTS THAT ARE REQUIRED TO BE MAINTAINED BY RULE 461 SHALL BE KEPT ON SITE AND MADE AVAILABLE TO DISTRICT REPRESENTATIVES UPON REQUEST.
[RULE 461]
19. THE OPERATOR SHALL HAVE A PERSON THAT HAS BEEN TRAINED IN ACCORDANCE WITH RULE 461, CONDUCT A SEMI-ANNUAL INSPECTION OF THE GASOLINE TRANSFER AND DISPENSING EQUIPMENT. THE FIRST INSPECTION SHALL BE IN ACCORDANCE WITH RULE 461, ATTACHMENT B, THE SECOND INSPECTION SHALL BE IN ACCORDANCE WITH RULE 461, ATTACHMENT C, AND THE SUBSEQUENT INSPECTIONS SHALL ALTERNATE PROTOCOLS. THE OPERATOR SHALL KEEP RECORDS OF THE INSPECTION AND THE REPAIRS IN ACCORDANCE TO RULE 461 AND SECTION K OF THIS PERMIT.
[RULE 461]

SECTION VI: GASOLINE THROUGHPUT REQUIREMENTS

20. THE MAXIMUM QUANTITY OF GASOLINE DISPENSED FROM THE STORAGE TANK AT THIS FACILITY SHALL NOT EXCEED 4,000 GALLONS IN ANY ONE CALENDAR MONTH NOR 48,000 GALLONS IN ANY ONE CALENDAR YEAR.
[RULE 1303(b) (2)-OFFSETS, 1401]



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21. RECORDS OF MONTHLY AND ANNUAL FUEL DISPENSED SHALL BE PREPARED, SHALL BE RETAINED ON SITE FOR TWO YEARS, AND SHALL BE MADE AVAILABLE TO DISTRICT REPRESENTATIVES UPON REQUEST.
[RULE 204]

22. THE OWNER/OPERATOR SHALL SUBMIT THE FACILITY'S MONTHLY GASOLINE THROUGHPUT DATA FOR THE PREVIOUS CALENDAR YEAR TO THE EXECUTIVE OFFICER ON OR BEFORE MARCH 1 FOLLOWING EACH CALENDAR YEAR.
[RULE 204]



FACILITY PERMIT TO OPERATE OC WASTE & RECYCLING, OLINDA ALPHA

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



FACILITY PERMIT TO OPERATE O C WASTE & RECYCLING, OLINDA ALPHA

SECTION I: PLANS AND SCHEDULES

This section lists all plans approved by AQMD for the purposes of meeting the requirements of applicable AQMD rules specified below. The operator shall comply with all conditions specified in the approval of these plans.

Documents pertaining to the plan applications listed below are available for public review at AQMD Headquarters. Any changes to plan applications will require permit modification in accordance with Title V permit revision procedures.

List of approved plans:

Application	Rule
343278	1150.1
345543	431.1
505440	3003
560982	1150

NOTE: This section does not list compliance schedules pursuant to the requirements of Regulation XXX - Title V Permits; Rule 3004(a)(10)(C). For equipment subject to a variance, order for abatement, or alternative operating condition granted pursuant to Rule 518.2, equipment specific conditions are added to the equipment in Section D or H of the permit.



South Coast Air Quality Management District

21865 Copley Drive, Diamond Bar, CA 91765-4178
(909) 396-2000 • www.aqmd.gov

May 28, 2014
I.D. No. 050418

Orange County Waste & Recycling, Olinda Alpha
300 N. Flower Street, Suite 400
Santa Ana, CA 92703

Attn: Mohammad Salam
Civil Engineer

Gentlemen:

RULE 1150 EXCAVATION PERMIT

Reference is made to your application (A/N 560982) for a Rule 1150 Excavation Permit for excavation of refuse at the Olinda Alpha Landfill, located at 1942 Valencia Avenue, Brea, CA. Please be advised that this excavation permit is granted under Rules 1150 of the Rules and Regulations of the South Coast Air Quality Management District and is subject to the following conditions:

CONDITIONS:

1. THIS EXCAVATION SHALL BE CONDUCTED IN COMPLIANCE WITH ALL PLANS AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
2. THE EXCAVATION SHALL BE COMPLETED WITHIN ONE YEAR FROM THE PLAN ISSUANCE DATE, UNLESS AN EXTENSION IS OTHERWISE APPROVED IN WRITING BY THE SCAQMD. ANY EXTENSION REQUEST SHALL BE SUBMITTED IN WRITING TO THE SCAQMD AND SHALL INCLUDE THE REASONS THE EXTENSION IS REQUIRED, THE LENGTH OF THE EXTENSION, AND THE STATUS OF THE EXCAVATION TO DATE.
3. THE SCAQMD SHALL BE NOTIFIED IN WRITING AT LEAST TWO (2) DAYS PRIOR TO COMMENCING THE EXCAVATION AND WITHIN FIVE (5) DAYS AFTER IT IS COMPLETED.
4. THIS EXCAVATION PERMIT IS VALID FOR THE REMOVAL AND RE-DISPOSAL OF APPROXIMATELY 50,000 CUBIC YARDS OF EXCAVATED REFUSE AND CONTAMINATED MATERIAL THAT IS ASSOCIATED WITH THE PROPOSED FRONT-FACE PARTIAL FINAL CLOSURE (FPPFC) CONSTRUCTION IN THE OLINDA ALPHA LANDFILL. THE EXCAVATED MATERIAL SHALL BE DEPOSITED IN A LINED AREA AT THE LANDFILL.

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5. THE OPERATOR SHALL COMPLY WITH APPLICABLE MITIGATION MEASURES AS DESCRIBED UNDER THE APPROVED ENVIRONMENTAL IMPACT REPORT TO REDUCE POTENTIAL HEALTH AND SAFETY HAZARDS TO WORKERS AND THE PUBLIC IN THE EVENT UNKNOWN HAZARDS ARE ENCOUNTERED DURING EXCAVATION ACTIVITIES.
6. EXCAVATION SHALL NOT BE CONDUCTED BETWEEN THE HOURS OF 5:00 P.M. AND 7:00 A.M. OR ON SATURDAYS, SUNDAYS AND LEGAL HOLIDAYS.
7. EXCAVATION SHALL NOT BE CONDUCTED ON DAYS WHEN THE SCAQMD FORECASTS FIRST, SECOND OR THIRD STAGE EPISODES FOR AREA NUMBER 16, OR WHEN THE SCAQMD REQUIRES COMPANIES IN AREA NUMBER 16 TO IMPLEMENT THEIR FIRST, SECOND OR THIRD STAGE EPISODE PLANS. EPISODE FORECASTS FOR THE FOLLOWING DAY CAN BE OBTAINED BY CALLING 1-800-CUT-SMOG (800-288-7664).
8. EXCAVATION SHALL NOT BE CONDUCTED WHEN THE WIND SPEED IS GREATER THAN 15 M.P.H. (AVERAGED OVER 15 MINUTES) OR THE WIND SPEED INSTANTANEOUSLY EXCEEDS 25 M.P.H.
9. DURING EXCAVATION, ALL WORKING AREAS, EXCAVATED MATERIAL AND UNPAVED ROADWAYS SHALL BE WATERED DOWN UNTIL THE SURFACE IS MOIST AND THEN MAINTAINED IN A MOIST CONDITION TO MINIMIZE DUST AND EMISSIONS.
10. WHEN LOADING IS COMPLETED AND DURING TRANSPORT, NO MATERIAL SHALL EXTEND ABOVE THE SIDE OR REAR OF THE TRUCK OF TRAILER WHICH WILL HAUL THE EXCAVATED MATERIAL.
11. EXCAVATED REFUSE SHALL BE TRANSPORTED TO THE ACTIVE WORKING FACE OF THE LANDFILL WITHIN ONE HOUR OF GENERATION OR AS DEEMED NECESSARY BY THE SCAQMD PERSONNEL.
12. THE EXTERIOR OF TRUCKS (INCLUDING THE TIRES) SHALL BE CLEANED OFF PRIOR TO LEAVING THE SITE.
13. THE EXCAVATION WORK FACE WHICH EXPOSES REFUSE OR OTHER EMISSION GENERATING MATERIALS TO THE ATMOSPHERE SHALL NOT EXCEED 10,000 SQUARE FEET.
14. ALL EXCAVATED REFUSE SHALL BE COVERED WITH EITHER A MINIMUM OF 6" OF CLEAN SOIL, APPROVED FOAM, OR HEAVY DUTY PLASTIC SHEETING WHENEVER THE EXCAVATION IS NOT ACTIVELY IN PROGRESS, AND AT THE END OF EACH WORKING DAY. 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 SCHEDULE DAY OF EXCAVATION.

15. DURING EXCAVATION, IF A CONSIDERABLE NUMBER OF COMPLAINTS ARE RECEIVED, ALL WORK SHALL CEASE AND THE APPROVED MITIGATION MEASURES SHALL BE IMPLEMENTED IMMEDIATELY. OTHER MITIGATION MEASURES WHICH ARE DEEMED APPROPRIATE BY SCAQMD PERSONNEL TO ABATE A NUISANCE CONDITION SHALL BE IMPLEMENTED UPON REQUEST.
16. ALL EXCAVATED MATERIAL SHALL BE TRANSPORTED IN SUCH A MANNER AS TO PREVENT ANY EMISSIONS OF HAZARDOUS MATERIALS.
17. ALL HAZARDOUS MATERIALS SHALL BE TRANSPORTED IN CONTAINERS CLEARLY MARKED AS TO THE TYPES OF MATERIAL CONTAINED AND WHAT PROCEDURES SHOULD BE FOLLOWED IN CASE OF ACCIDENTAL SPILLS.
18. EXCAVATED LIQUID HAZARDOUS MATERIALS WITH THE POTENTIAL TO CAUSE AIR EMISSIONS SHALL BE ENCAPSULATED OR ENCLOSED IN CONTAINERS WITH SEALED LIDS BEFORE LOADING INTO THE TRANSPORT VEHICLES.
19. ALL MATERIALS THAT ARE LISTED AS HAZARDOUS BY A FEDERAL OR STATE AGENCY SHALL BE CONSIDERED "HAZARDOUS MATERIALS" FOR THE PURPOSE OF THIS PERMIT.
20. DURING EXCAVATION, CONTINUOUS MONITORING AND RECORDING OF THE WIND SPEED AND DIRECTION SHALL BE CONDUCTED AT A SITE APPROVED BY THE SCAQMD.
21. DURING EXCAVATION, MONITORING FOR ORGANICS AS METHANE USING AN ORGANIC VAPOR ANALYZER (OVA) OR OTHER MONITOR APPROVED BY THE SCAQMD SHALL BE CONDUCTED CONTINUOUSLY AT THE WORKING FACE (OR OTHER APPROVED LOCATIONS) DIRECTLY DOWNWIND OF THE EXCAVATION. THE MAXIMUM SUSTAINED READINGS SHALL BE RECORDED EVERY 15 MINUTES.
22. IF THE OVA OR OTHER APPROVED ORGANIC MONITOR SHOWS A SUSTAINED (GREATER THAN 15 SECONDS) READING OF 2,000 PPM OR GREATER AT THE WORKING FACE, THE EXCAVATION SHALL CEASE AND THE APPROVED MITIGATION MEASURES IMPLEMENTED IMMEDIATELY. EXCAVATION SHALL NOT RESUME UNTIL THE READINGS RETURN TO THE BACKGROUND LEVEL.
23. IF THE OVA OR OTHER APPROVED ORGANIC MONITOR SHOWS A SUSTAINED (GREATER THAN 15 SECONDS) READING OF 500 PPMV OR GREATER DOWNWIND FROM THE SITE AT THE PROPERTY LINE (OR OTHER APPROVED LOCATIONS), THE EXCAVATION SHALL CEASE AND THE APPROVED MITIGATION MEASURES IMPLEMENTED IMMEDIATELY. EXCAVATION SHALL NOT RESUME UNTIL THE READINGS RETURN TO THE BACKGROUND LEVEL.
24. ALL MONITORS SHALL BE CALIBRATED DAILY USING A METHOD APPROVED BY THE DISTRICT.

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25. IF A DISTINCT ODOR (LEVEL III OR GREATER) RESULTING FROM THE EXCAVATION IS DETECTED AT OR BEYOND THE PROPERTY LINE, THE EXCAVATION SHALL CEASE AND THE APPROVED MITIGATION MEASURES IMPLEMENTED IMMEDIATELY. ODOR LEVELS WILL BE DETERMINED BY SCAQMD PERSONNEL OR ON-SITE SAFETY COORDINATOR IN THE ABSENCE OF SCAQMD PERSONNEL.
26. ALL RECORDS OF EXCAVATION WORKING HOURS, ANALYTICAL RESULTS, DAILY AMOUNTS OF MATERIALS EXCAVATED AND HAULED OFFSITE OR TREATED, AND OTHER RECORDS REQUIRED BY THIS PERMIT SHALL BE KEPT ON FILE FOR AT LEAST TWO YEARS AND MADE AVAILABLE TO AQMD PERSONNEL UPON REQUEST.
27. 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.
28. APPROVED MITIGATION MEASURE: THE AREA GENERATING ODORS/EMISSIONS SHALL BE IMMEDIATELY COVERED WITH CLEAN SOIL, SHEETING OR APPROVED FOAM.
29. THIS PERMIT OR A COPY OF THIS PERMIT SHALL BE PRESENT AT THE EXCAVATION SITE.

Other governmental agencies may require approval before any excavation begins. It shall be the responsibility of the applicant to obtain that approval. The South Coast Air Quality Management District shall not be responsible or liable for any losses because of measures required or taken pursuant to the requirements of this approved Excavation Management Plan.

If you have any questions, please contact Mr. Gaurang Rawal at (909) 396-2543.

Very truly yours,



Charles D. Tupac, P.E.
AQAC Supervisor

cc: Compliance, SCAQMD
A/N 560982 Folder