

## **FACILITY PERMIT TO OPERATE OC WASTE & RECYCLING, FRB**

### **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. Also included are the rule origin and authority of each emission limit and permit condition.

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### PERMITTED EQUIPMENT LIST

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

<b>Application Number</b>	<b>Permit to Operate Number</b>	<b>Equipment description</b>	<b>Page Number</b>
219026	D66334	FUEL STORAGE & DISPENSING GASOLINE	6
339266	F15049	LANDFILL GAS COLLECTION (>50 WELLS)	8
543222	G24285	FLARE, ENCLOSED LANDFILL/DIGESTER GAS	12
547634	G24853	LANDFILL CONDENSATE/LEACHATE COLLECTION	19
559018	TBD	LANDFILL CONDENSATE/LEACHATE COLLECTION	22
559472	TBD	FUEL STORAGE & DISPENSING GASOLINE	25

**NOTE:** ANY 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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### PERMIT TO CONSTRUCT/OPERATE

Permit No. TBD  
A/N 559018

#### Equipment Description:

LANDFILL CONDENSATE/LEACHATE/GROUNDWATER COLLECTION AND STORAGE SYSTEM, CONSISTING OF:

#### CONDENSATE:

1. CONDENSATE TRAP, 48" DIAMETER BY 84" HIGH, POLYETHYLENE PIPE, VENTED TO 21-INCH DIA. HEADER LINE.
2. PUMP, 52 GPM, PUMPING CONDENSATE FROM CONDENSATE TRAP TO CONDENSATE TANK.
3. CONDENSATE TRAP (CPS-1), 18" HDPE PIPE, VENTED TO 18-INCH DIA. HEADER, GRAVITY DRAIN.
4. PUMP, 2 GPM, PUMPING CONDENSATE FROM CONDENSATE TANKS TO LEACHATE TANKS.
5. TANK (C-1), CONDENSATE, ABOVEGROUND, POLYETHYLENE, 11'-10" DIA. BY 14'-1" HIGH, 10,500 GALLON CAPACITY, WITH PRESSURE RELIEF VALVE, WITH VAPOR BALANCE LINE TO TANK C-2.
6. TANK (C-2), CONDENSATE, ABOVEGROUND, POLYETHYLENE, 11'-0" DIA. BY 13'-8" HIGH, 10,500 GALLON CAPACITY, WITH PRESSURE RELIEF VALVE, FLAME ARRESTOR, VENTED TO CARBON DRUM.
7. CARBON ADSORBER, NIXTOX OR EQUIVALENT, CONTAINING 150 POUNDS OF ACTIVATED CHARCOAL, VENTING TANK C-2.
8. ASSOCIATED PIPING TRANSPORTING CONDENSATE/LEACHATE/GROUNDWATER
9. INSTALLATION OF AN ELECTRIC TRANSFER PUMP, DOUBLE WALLED CONDENSATE TRANSFER PIPING FROM THE BOTTOM TANK FARM TO A NEW TANK (C-3).
10. TANK (C-3), CONDENSATE, ABOVEGROUND, LOCATED AT THE FLARE STATION, POLY PROCESSING SAFE-TANK, 5'-11" DIA. X 2'-10" HIGH, 540 GALLON CAPACITY, AND VENTED TO 55- GALLON CARBON DRUM CONTAINING 200 LBS OF GRANULAR ACTIVATED CARBON.
11. CONDENSATE FEED PIPE FROM TANK (C-3) TO EXISTING PNEUMATIC INJECTOR PUMPS AND ASSOCIATED PIPING TO EXISTING INJECTION LANCE AND NOZZLES ( FLARES NO. 3, 4 & 5).

#### LEACHATE/GROUNDWATER:

1. SIX (6) STORAGE TANKS, CENTRAL CALIFORNIA CONTAINER MFG. INC., MODEL 12 HCT 13K, HDPE, 13000 GALLON CAPACITY.

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2. SIX (6) FLAME ARRESTORS, GROTH OR EQUIVALENT, MODEL 7618-02-15-F00, LOCATED AT VENT VALVES.
3. SIX (6) TANK VENT VALVES, GROTH OR EQUIVALENT, MODEL 1220-02-115-TOO.
4. SIX (6) CARBON ADSORBERS, CALGON CARBON OR EQUIVALENT, EACH CONTAINING 200 POUNDS OF ACTIVATED CARBON.

### **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. THIS PERMIT SHALL EXPIRE IF CONSTRUCTION OF THE EQUIPMENT, DESCRIBED UNDER EQUIPMENT DESCRIPTION ITEM NO. 5, IS NOT COMPLETED WITHIN ONE YEAR FROM THE ISSUANCE DATE OF THIS PERMIT UNLESS AN EXTENSION IS GRANTED BY THE EXECUTIVE OFFICER.  
[RULE 205]
5. ALL CONDENSATE AND/OR LEACHATE/GROUNDWATER COLLECTED SHALL BE DISPOSED OF OR TREATED PROPERLY.  
[RULE 402]
6. THE CONDENSATE STORAGE TANK(S) AND THE LEACHATE/GROUNDWATER STORAGE TANK(S) SHALL BE VENTED THROUGH A CARBON AIR FILTER/CANISTER OR CARBON DRUM (TANK C3).  
[RULE 402, 1303(a) (1)-BACT]
7. THE OUTLET(S) OF THE CARBON FILTER(S)/CANISTER(S) SHALL BE TESTED FOR TOTAL ORGANIC COMPOUNDS AS METHANE WITH AN ORGANIC VAPOR ANALYZER (OVA) OR EQUIVALENT AND THE RESULTS RECORDED. THESE TESTS SHALL BE PERFORMED MONTHLY DURING THE FILLING OPERATION OF THE TANK(S).  
[RULE 402]
8. EMISSIONS FROM THE OUTLET OF EACH CARBON CANISTER SHALL NOT, AT ANY TIME, EXCEED 50 PPM TOTAL ORGANIC COMPOUNDS MEASURED AS METHANE.  
[RULE 402, 1303(b) (2)-OFFSET]
9. ALL CONNECTIONS, VALVES AND OPENINGS SHALL BE PROPERLY SEALED OR CLOSED SO AS TO PREVENT RAW LANDFILL GAS AND/OR CONDENSATE/LEACHATE VAPORS FROM ENTERING INTO THE ATMOSPHERE.  
[RULE 402, 1303(a) (1)-BACT]

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10. RECORDS REQUIRED BY THIS PERMIT SHALL BE KEPT AND MAINTAINED FOR AT LEAST FIVE YEARS AND MADE AVAILABLE TO AQMD PERSONNEL UPON REQUEST.  
[RULE 204]

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**PERMIT TO CONSTRUCT/OPERATE**

**Permit No. TBD  
A/N 559472**

**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, 10' - 6" L. X 6' - 0" W. X 4' - 2" 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 D  
 Facility ID. #: 069646  
 Revision: 05 DRAFT  
 Date: April 4, 2014

### 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:

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

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-2014 (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-2016 (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 204]

### 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]

10. ALL PERMIT CONDITIONS APPLICABLE TO THE EQUIPMENT DESCRIBED IN THE PREVIOUS PERMIT TO OPERATE D66334 SHALL REMAIN IN EFFECT UNTIL THE NEW OR MODIFIED EQUIPMENT IS

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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, 461]

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; 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, 461]

14. AT LEAST SEVENTY-TWO (72) HOURS PRIOR TO BACK-FILLING ANY UNDERGROUND PIPING, THE SQAQMD 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]

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;

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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 204, 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 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]