

MOJAVE DESERT
AIR QUALITY MANAGEMENT DISTRICT

Federal Operating Permit Number: 102103122

For: County of San Bernardino Solid Waste
Management Division

Facility: Barstow Sanitary Landfill

Issued Pursuant to MDAQMD Regulation XII
Effective Date: July 12, 2016

•SEE TITLE V PAGE 2 FOR PERMIT REVISION SUMMARY•

This Federal Operating Permit Expires on:
July 12, 2021

Issued By: Eldon Heaston
Executive Director
Air Pollution Control Officer

A handwritten signature in black ink, appearing to read "Eldon Heaston", is written over a horizontal line. The signature is stylized and cursive.

14306 PARK AVENUE, VICTORVILLE, CALIFORNIA 92392
PHONE (760) 245-1661
FAX (760) 245-2022

PERMIT REVISIONS

July 12, 2016: Initial Issuance of Title V Permit; Samuel Oktay, PE

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PART I INTRODUCTORY INFORMATION

A. Facility Identifying Information:

Owner/Company Name: County of San Bernardino Solid Waste Management Division

Owner Mailing Address: County of San Bernardino Solid Waste Management Division
222 W. Hospitality Lane, 2nd Floor
San Bernardino, California 92415-0017

Facility Name: Barstow Sanitary Landfill (BSL)
Facility Location: 32553 Barstow Road
Barstow, California 92311

MDAQMD Federal Operating Permit Number: 102103122

MDAQMD Company Number: 1021

MDAQMD Facility Number: 03122

Responsible Official: Arthur L. Rivera
Phone Number: 909-386-8775

Facility "Site" Contacts: Arthur L. Rivera
Phone Number: 909-386-8775
Fax Number: 909-386-8900

Nature of Business: Sanitary Landfill

SIC Code: 9511 – Sanitary Landfill
Facility Location: UTM (Km) 498E/3855N

B. DESCRIPTION OF FACILITY:

The primary function of BSL is the disposal of municipal solid waste (MSW). The landfill has been in operation since 1963 and has an anticipated closure date of 2017. The facility is located at 32553 Barstow Road in Barstow, California. The waste in place at closure is anticipated to be 2,266, 273 short tons (2,060,249 Mega Grams). Maximum County Permitted throughput is 1,500 Tons/day, remaining capacity as of December 31, 2014 is 71,481,660 Cubic Yards. The facilities Maximum Permitted Capacity is 80,354,500 Cubic Yards. Total area is 645 Acres with a Disposal Area of 331 Acres. The facility is Permitted to accept Agricultural, Construction/Demolition, Industrial, Mixed municipal, and, Sludge (BioSolids) waste types. It is owned and operated by The County of San Bernardino.

The facility is required to obtain a Title V Federal operating Permit pursuant to the requirements of 40 CFR 60 Subpart WWW. The County of San Bernardino submitted a complete permit application date stamped July 27, 2011.

In March 2009, Solid Waste Management District (SWMD) installed eight (8) new perimeter gas migration monitoring probes (BSTW-07 through BSTW-14) around the permitted landfill boundary in compliance with the State of California Title 27 regulations. This regulation mandates the installation of perimeter monitoring probes at a spacing of no more than 1,000 feet and to the maximum depth of the current and future landfill.

After installation of these probes, SWMD had experienced exceedances of the regulatory threshold of 5% by volume methane at the landfill boundary within the newly installed probes BSTW-09, 10, and 11. SWMD was notified by the State that these probes are out of compliance and must be mitigated within 90 days of issuance of the notice. The Gas Collection and Control System were installed in response to the California Title 27 regulation.

Landfill Gas Extraction System; Landfill Gas is extracted via a piping system including vertical wells installed into the waste and surrounding soil and a header system connecting those wells to a treatment facility. The treatment facility includes two blowers, a condensate knockout vessel, and a flame arrestor permitted under valid District Permit C010719 as described below. Uncollected gas is assumed to vent through the landfill surface.

Equipment permitted under valid District Permit C010719 :

Capacity	Equipment Description
0	Vertical Extraction Wells - 76 divided between the following:
0	Soil Vapor Extraction (SVE) Wells
0	Landfill Gas (LFG) Well
0	Manual Condensate Tanks - 2 each
0	Landfill Gas Filter and Knockout Vessel - 1 each - #V-1
7.5	Gas Blower - Hauck Mfg Model TBG-24 - #B-1
7.5	Gas Blower - Hauck Mfg Model TBG-24 - If needed - #B-2
0	Flame Arrestors FA-1
0	(2) Adsorption Vessel 2,000 lbs each (4,000 total) granular activated carbon (GAC) - #V-2A
0	(2) Adsorption Vessel 2,000 lbs each (4,000 total) granular activated carbon (GAC) - #V-2B
0	Vent stack, minimum 15 foot high

PART II
FACILITYWIDE APPLICABLE REQUIREMENTS;
EMISSIONS LIMITATIONS; MONITORING, RECORDKEEPING,
REPORTING AND TESTING REQUIREMENTS; COMPLIANCE
CONDITIONS; COMPLIANCE PLANS

A. REQUIREMENTS APPLICABLE TO ENTIRE FACILITY AND EQUIPMENT:

1. A permit is required to operate this facility. [Rule 203 - Permit to Operate]
2. The equipment at this facility shall not be operated contrary to the conditions specified in the District Permit to Operate. [Rule 203 - Permit to Operate]
3. The Air Pollution Control Officer (APCO) may impose written conditions on any permit. [Rule 204 – Permit Conditions]
4. Commencing work or operation under a permit shall be deemed acceptance of all the conditions so specified. [Rule 204 – Permit Conditions]
5. Posting of the Permit to Operate is required on or near the equipment or as otherwise approved by the APCO/District. [Rule 206 - Posting of Permit to Operate]
6. Owner/Operator shall not willfully deface, alter, forge, or falsify any permit issued under District rules. [Rule 207 - Altering or Falsifying of Permit]
7. Permits are not transferable. [Rule 209 - Transfer and Voiding of Permit]
8. The APCO may require the Owner/Operator to provide and maintain such facilities as are necessary for sampling and testing. [Rule 217 - Provision for Sampling and Testing Facilities]
9. The equipment at this facility shall not require a District permit or be listed on the Title V permit if such equipment is listed in Rule 219 and meets the applicable criteria contained in Rule 219 (B). However, any exempted insignificant activities/equipment are still subject to all applicable facility-wide requirements. [Rule 219 - Equipment Not Requiring a Written Permit]
10. The Owner/Operator of this facility shall obtain a Federal Operating Permit for operation of this facility. [Rule 221 - Federal Operating Permit Requirement]

11. Owner/Operator shall pay all applicable MDAQMD permit fees. [Rule 301 - Permit Fees]
12. Owner/Operator shall pay all applicable MDAQMD Title V Permit fees. [Rule 312 - Fees for Federal Operating Permits]
13. Stack and point source visible emissions from this facility, of any air contaminant (including smoke) into the atmosphere, shall not equal or exceed Ringelmann No. 1 for a period or periods aggregating more than three minutes in any one hour:
 - (a) While any unit is fired on Public Utilities Commission (PUC) grade natural gas, Periodic Monitoring for combustion equipment is not required to validate compliance with the Rule 401 Visible Emissions limit. However, the Owner/Operator shall comply with the recordkeeping requirements stipulated elsewhere in this permit regarding the logging of fuel type, amount, and suppliers' certification information.
 - (b) While any unit is fired on diesel fuel, Periodic Monitoring, in addition to required recordkeeping, is required to validate compliance with Rule 401 Visible Emissions limit as indicated below:
 - (i). Reciprocating engines equal or greater than 1000 horsepower, firing on only diesel with no restrictions on operation, a visible emissions inspection is required every three (3) months or during the next scheduled operating period if the unit ceases firing on diesel/distillate within the 3-month time frame.
 - (ii). Diesel Standby and emergency reciprocating engines using California low sulfur fuels require no additional monitoring for opacity.
 - (iii). Diesel/Distillate-Fueled Boilers firing on California low sulfur fuels require a visible emissions inspection after every 1 million gallons diesel combusted, to be counted cumulatively over a 5-year period.
 - (iv). On any of the above, if a visible emissions inspection documents opacity, an U.S. Environmental Protection Agency (EPA) Method 9 "Visible Emissions Evaluation" shall be completed within 3 working days, or during the next scheduled operating period if the unit ceases firing on diesel/distillate within the 3 working day time frame.

[Rule 204 - Permit Conditions] [Rule 401 - Visible Emissions][40 CFR 70.6 (a)(3)(i)(B) - Periodic Monitoring Requirements]
14. Owner/Operator is limited to use of the following quality fuels for fuel types specified elsewhere in this permit: PUC quality natural gas fuel - sulfur compounds shall not exceed 800 parts per million (ppm) calculated as hydrogen sulfide at standard conditions; diesel fuel - sulfur content shall not exceed 0.5 percent by weight. Compliance with Rule 431 fuel sulfur limits is assumed for PUC quality natural gas

fuel and CARB certified diesel fuel. Records shall be kept on-site and available for review by District, state, or federal personnel at any time. The sulfur content of non-CARB certified diesel fuel shall be determined by use of American Society for Testing and Materials (ASTM) method D 2622-82 or ASTM method D 2880-71, or equivalent. [40 CFR 70.6 (a)(3)(i)(B) - Periodic Monitoring Requirements][Rule 431 - Sulfur Content of Fuels]

15. Emissions of fugitive dust from any transport, handling, construction, or storage activity at this facility shall not be visible in the atmosphere beyond the property line of the facility. [Rule 403 - Fugitive Dust]
16. Owner/Operator shall comply with the applicable requirements of Rule 403.2 unless an “Alternative PM₁₀ Control Plan” (ACP) pursuant to Rule 403.2(G) has been approved. [Rule 403.2 - Fugitive Dust Control for the Mojave Desert Planning Area]
17. Owner/Operator shall not discharge into the atmosphere from this facility, particulate matter (PM) except liquid sulfur compounds, in excess of the concentration at standard conditions, shown in Rule 404, Table 404 (a).
 - (a) Where the volume discharged is between figures listed in the table the exact concentration permitted to be discharged shall be determined by linear interpolation.
 - (b) This condition shall not apply to emissions resulting from the combustion of liquid or gaseous fuels in steam generators or gas turbines.
 - (c) For the purposes of this condition, emissions shall be averaged over one complete cycle of operation or one hour, whichever is the lesser time period.[Rule 404 - Particulate Matter Concentration]
18. Owner/Operator shall not discharge into the atmosphere from this facility, solid PM including lead and lead compounds in excess of the rate shown in Rule 405, Table 405(a).
 - (a) Where the process weight per hour is between figures listed in the table, the exact weight of permitted discharge shall be determined by linear interpolation.
 - (b) For the purposes of this condition, emissions shall be averaged over one complete cycle of operation or one hour, whichever is the lesser time period.[Rule 405 - Solid Particulate Matter, Weight]
19. Owner/Operator shall not discharge into the atmosphere from this facility, from any single source of emissions whatsoever, sulfur compounds, which would exist as a liquid or gas at standard conditions, calculated as sulfur dioxide (SO₂), greater than or equal to 500 ppm by volume. [Rule 406 - Specific Contaminants]

20. Owner/Operator shall not discharge into the atmosphere from this facility, carbon monoxide (CO) exceeding 2000 ppm measured on a dry basis, averaged over a minimum of 15 consecutive minutes.
 - (a) The provisions of this condition shall not apply to emissions from internal combustion engines. [Rule 407 - Liquid and Gaseous Air Contaminants]

21. Owner/Operator shall not build, erect, install, or use any equipment at this facility, the use of which, without resulting in a reduction in the total release of air contaminants to the atmosphere, reduces or conceals an emission that would otherwise constitute a violation of Chapter 3 (commencing with Section 41700) of Part 4, of Division 26 of the Health and Safety Code or of District Rules.
 - (a) This condition shall not apply to cases in which the only violation involved is of Section 41700 of the Health and Safety Code, or of District Rule 402.
[Rule 408 - Circumvention]

22. Owner/Operator shall not discharge into the atmosphere from this facility from the burning of fuel, combustion contaminants exceeding 0.23 gram per cubic meter (0.1 grain per cubic foot) of gas calculated to 12 percent of carbon dioxide (CO₂) at standard conditions averaged over a minimum of 25 consecutive minutes.
[Rule 409 - Combustion Contaminants]

23. APCO, at his/her discretion, may refrain from enforcement action against an Owner/Operator of any equipment that has violated a technology-based emission limitation, including but not limited to conditions contained in any permit issued by the District establishing such emission limitation, provided that a Breakdown has occurred and:
 - (a) Any breakdown that results in emissions exceeding a technology-based emission limitation is reported to the District within one hour of such breakdown or within one hour of the time a person knew or reasonably should have known of the occurrence of such breakdown; and
 - (b) An estimate of the repair time is provided to the District as soon as possible after the report of the breakdown; and
 - (c) All reasonable steps are immediately taken to minimize the levels of emissions and to correct the condition leading to the excess emissions.
 - (d) The equipment is operated only until the end of a cycle or twenty-four (24) hours, whichever is sooner, at which time it shall be shut down for repairs unless a petition for an emergency variance has been filed with the clerk of the Hearing Board in accordance with Regulation V.
 - (e) If the breakdown occurs outside normal District working hours, the intent to file an emergency variance shall be transmitted to the District in a form and manner

prescribed by the APCO. [Rule 430 - Breakdown Provisions]

24. Owner/Operator of this facility shall not discharge organic materials into the atmosphere from equipment in which organic solvents or materials containing organic solvents are used, unless such emissions have been reduced by at least 85% or to the following:
- (a) Organic materials that come into contact with flame or are baked, heat cured, or heat polymerized are limited to 1.4 kilograms (3.1 pounds) per hour not to exceed 6.5 kilograms (14.3 pounds) per day.
 - (b) Organic materials emitted into the atmosphere from the use of photo-chemically reactive solvents are limited to 3.6 kilograms (7.9 pounds) per hour, not to exceed 18 kilograms (39.6 pounds) per day, except as provided in Rule 442, subsection (a)(1). All organic materials emitted for a drying period of 12 hours following their application shall be included in this limit.
 - (c) Organic materials emitted into the atmosphere from the use of non-photo-chemically reactive solvents are limited to 36.8 kilograms (81 pounds) per hour not to exceed 272 kilograms (600 pounds) per day. All organic materials emitted for a drying period of 12 hours following their application shall be included in this limit.
 - (d) The provisions of this condition shall not apply to the manufacture of organic solvents, or the transport or storage of organic solvents, or the transport or storage of materials containing organic solvents.
 - (e) The provisions of this rule shall not apply to:
 - (1) The manufacture of organic solvents, or the transport or storage of organic solvents, or the transport or storage of materials containing organic solvents.
 - (2) The use of equipment for which other requirements are specified by Rules 461, 462, 463, and 464 or which are exempt from air pollution control requirements by said rules.
 - (3) The spraying or other employment of organic solvents as insecticides, pesticides or herbicides.
 - (4) The use of water reducible materials, provided that:
 - (a) the volatile content of such material is not photo-chemically reactive and consists of at least 80 percent water by volume, and
 - (b) the organic solvent or any material containing organic solvent does not come into contact with flame.
 - (5) The use of high solid materials, provided that:
 - (a) the volatile content of such material is not photochemically reactive and does not exceed 20 percent by volume of said material, and
 - (b) more than 50 percent by volume of such volatile material is evaporated before entering a chamber heated above ambient

- application temperature, and
 - (c) the organic solvent or any material containing organic solvent does not come into contact with flame.
 - (6) The use of ultra high solid materials, provided that:
 - (a) the volatile content of such material is not photo-chemically reactive and does not exceed 5 percent by volume of said material, and
 - (b) the organic solvent or any material containing organic solvent does not come into contact with flame.
 - (7) The use of equipment or materials for which other requirements are specified in source specific rules of Regulation XI after the compliance dates specified in such source specific rules.
 - (8) The use of 1-1-1 Trichloroethane.
[Rule 442 – Usage of Solvents]
- 25. Owner/Operator shall not set open outdoor fires unless in compliance with Rule 444. Outdoor fires burned according to an existing District permit are not considered “open outdoor fires” for the purposes of Rule 444 (reference Rule 444(B)(10)).
[Rule 444 – Open Outdoor Fires]
- 26. Owner/Operator of this facility shall comply with the Organic Solvent Degreasing Operations requirements of Rule 1104 when engaged in wipe cleaning, cold solvent cleaning, and/or vapor cleaning (degreasing) operations for metal/non-metal parts/products. These requirements are listed as follows:
 - (a) All degreasers shall be equipped with a cover, which reduces solvent evaporation and minimizes disturbing the vapor zone.
 - (b) A permanent, conspicuous label summarizing the applicable operating requirements contained in Rule 1104. In lieu of a label, operating instructions may be posted near the degreaser where the operators can access the proper operating requirements of this rule.
 - (c) Cold Solvent Degreasers - Freeboard Requirements:
 - (i) Cold solvent degreasers using only low volatility solvents, which are not agitated, shall operate with a freeboard height of not less than 6 inches.
 - (ii) *Cold solvent degreasers using only low volatility solvents may operate with a freeboard ratio equal to or greater than 0.50 when the cold solvent degreaser has a cover, which remains closed during the cleaning operation.*
 - (iii) Any cold solvent degreasers using solvent which is agitated, or heated above 50°C (120°F) shall operate with a freeboard ratio equal to or greater than 0.75.
 - (iv) A water cover may be used as an acceptable control method to meet the

freeboard requirements, when the solvent is insoluble in water and has a specific gravity greater than one.

- (d) Cold Solvent Degreasers - Cover Requirements:
 - (i) Cold solvent degreasers using high volatility solvent shall have a cover that is a sliding, rolling or guillotine (bi-parting) type, which is designed to easily open and close without disturbing the vapor zone.
- (e) Cold Solvent Degreasers - Solvent Level Identification:
 - (i) A permanent, conspicuous mark locating the maximum allowable solvent level conforming to the applicable freeboard requirements.
- (f) All Degreasers shall comply with the following operating requirements:
 - (i) Any solvent cleaning equipment and any emission control device shall be operated and maintained in strict accord with the recommendations of the manufacturer.
 - (ii) Degreasers shall not be operating with any detectable solvent leaks.
 - (iii) All solvent, including waste solvent and waste solvent residues, shall be stored in closed containers at all times. All containers for any solvent(s) shall have a label indicating the name of the solvent/material they contain.
 - (iv) Waste solvent and any residues shall be disposed of by one of the following methods: a commercial waste solvent reclamation service licensed by the State of California; or a federally or state licensed facility to treat, store or dispose of such waste; or the originating facility may recycle the waste solvent and materials in conformance with requirements of Section 25143.2 of the California Health and Safety Code.
 - (v) Degreasers shall be covered to prevent fugitive leaks of vapors, except when processing work or to perform maintenance.
 - (vi) Solvent carry-out shall be minimized by the following methods:
 - (a) Rack workload arranged to promote complete drainage
 - (b) Limit the vertical speed of the power hoist to 3.3 meters per minute (11 ft/min) or less when such a hoist is used.
 - (c) Retain the workload inside of the vapor zone until condensation ceases.
 - (d) Tip out any pools of solvent remaining on the cleaned parts before removing them from the degreaser if the degreasers are operated manually.
 - (e) Do not remove parts from the degreaser until the parts are visually dry and not dripping/leaking solvent. (This does not apply to an emulsion cleaner workload that is rinsed with water within the degreaser immediately after cleaning.)
 - (vii) The cleaning of porous or absorbent materials such as cloth, leather, wood or rope is prohibited.
 - (viii) Except for sealed chamber degreasers, all solvent agitation shall be by

- either pump recirculation, a mixer, or ultrasonics.
- (ix) The solvent spray system shall be used in a manner such that liquid solvent does not splash outside of the container. The solvent spray shall be a continuous stream, not atomized or shower type, unless, the spray is conducted in a totally enclosed space, separated from the environment.
 - (x) For those degreasers equipped with a water separator, no solvent shall be visually detectable in the water in the separator.
 - (xi) Wipe cleaning materials containing solvent shall be kept in closed containers at all times, except during use.
 - (xii) A degreaser shall be located so as to minimize drafts being directed across the cleaning equipment, the exposed solvent surface, or the top surface of the vapor blanket.
 - (xiii) A method for draining cleaned material, such as a drying rack suspended above the solvent and within the freeboard area, shall be used so that the drained solvent is returned to the degreaser or container.
- (g) Rule 442 Applicability: Any solvent using operation or facility which is not subject to the source-specific Rule 1104 shall comply with the provisions of Rule 442. Any solvent using operation or facility which is exempt from all or a portion of the volatile organic compound (VOC) limits, equipment limits or the operational limits of Rule 1104 shall be subject to the applicable provisions of Rule 442.
- (h) Solvent Usage Records. Owner/Operator subject to Rule 1104 or claiming any exemption under Rule 1104, Section (E), shall comply with the following requirements:
- (1) Maintain and have available during an inspection, a current list of solvents in use at the facility which provides all of the data necessary to evaluate compliance, including the following information separately for each degreaser, as applicable:
 - (i) product name(s) used in the degreaser, and
 - (ii) the mix ratio of solvent compounds mixtures of solvents are used, and
 - (iii) VOC content of solvent or mixture of compounds as used, and
 - (iv) the total volume of the solvent(s) used for the facility, on a monthly basis, and
 - (v) the name and total volume applied of wipe cleaning solvent(s) used, on a monthly basis.
 - (2) Additionally, for any degreaser utilizing an add-on emission control device/system as a means of complying with provisions of Rule 1104 shall, on a monthly basis, maintain records of key system operating and maintenance data. Such data are recorded for the purpose of demonstrating continuous compliance during periods of emission producing activities.

The data shall be recorded in a manner as prescribed by the District.

- (3) Documentation shall be maintained on site of the disposal or on-site recycling of any waste solvent or residues.
- (4) Records shall be retained (at facility) and available for inspection by District, state or federal personnel for the previous 5-year period as required by this Title V / Federal Operating Permit (Reference Rule 1203(D)(1)(d)(ii)).
 [Rule 1104 - Organic Solvent Degreasing Operations]

27. Owner/Operator's use of Architectural Coatings at this facility shall comply with the applicable requirements of Rule 1113, including the VOC limits specified in Rule 1113, part C, Table of Standards, as listed below:

MDAQMD Rule 1113, Table 1

Coating Category

**Effective 1 January 2013
 VOC Grams/Liter**

Primary Coatings

Flat Coatings	50
Nonflat Coatings	100
Nonflat-High Gloss Coatings	150

Specialty Coatings

Aluminum Roof Coatings	400
Basement Specialty Coatings	400
Bituminous Roof Coatings	50
Bituminous Roof Primers	350
Bond Breakers	350
Concrete Curing Compounds	350
Concrete/Masonry Sealers	100
Driveway Sealers	50
Dry Fog Coatings	150
Faux Finish Coatings	350
Fire Resistive Coatings	350
Floor Coatings	100
Form-Release Compounds	250
Graphic Arts Coatings (Sign Paints)	500
High Temperature Coatings	420
Industrial Maintenance Coatings	250
Low Solids Coatings	120 ^a
(a: Limit is expressed as VOC Actual)	
Magnesite Cement Coatings	450
Mastic Texture Coatings	100
Metallic Pigmented Coatings	500
Multi-Color Coatings	250
Pre-Treatment Wash Primers	420
Primers, Sealers, and Undercoaters	100
Reactive Penetrating Sealers	350
Recycled Coatings	250

Roof Coatings	50
Rust Penetrative Coatings	250
Shellacs:	
Clear	730
Opaque	550
Specialty Primers, Sealers, and Undercoaters	100
Stains	250
Stone Consolidants	450
Swimming Pool Coatings	340
Traffic Marking Coatings	100
Tub and Tile Refinish Coatings	420
Waterproofing Membranes	250
Wood Coatings	275
Wood Preservatives	350
Zinc-Rich Primers	340
[Rule 1113]	

28. Owner/Operator's use of *Wood Products Coatings* at this facility shall comply with the applicable requirements of Rule 1114, including the VOC limits specified in Rule 1114, part C, Table of Standards, as listed below:

(1) VOC Content of Coatings & Adhesives

- (a) Any Owners and/or Operators of Wood Products Coating Application Operations shall not apply any Coating or Adhesive to a Wood Product which has a VOC Content, including any VOC-containing material added to the original Coating supplied by the manufacturer, which exceeds the applicable limit specified below, unless emissions to the atmosphere are controlled by air pollution abatement equipment with an Overall Control Efficiency of at least 85 percent. Any Coating subject to this rule that meets either of the two VOC Content limit formats (grams per liter or pounds per gallon [lb/gal]) is in compliance with this subsection.

(i) **LIMITS**
Grams of VOC Per Liter of Coating,
Less Water and Less Exempt Compounds (VOC Content)

Coating	Current Limit g/L (lb/gal)	On and After 7/1/97		On and After 7/1/2005
		Column I or g/L (lb/gal)	Column II g/L (lb/gal)	g/L (lb/gal)
Clear Sealers	680 (5.7)	550 (4.6)	680 (5.7)	275 (2.3)

		On and After 7/1/97		On and After 7/1/2005
Clear Topcoat	680 (5.7)	550 (4.6)	275 (2.3)	275 (2.3)
Pigmented Primers, Sealers and Undercoats	600 (5.0)	550 (4.6)	600 (5.0)	275 (2.3)
Pigmented Topcoats	600 (5.0)	550 (4.6)	275 (2.3)	275 (2.3)

Effective July 1, 1997, a person or facility shall use Coatings on Wood Products that comply with either all VOC Content limits in Column I or all VOC Content limits in Column II. A person or facility that applies a Pigmented Primer, Sealer or Undercoat, but not a Clear Topcoat or Pigmented Topcoat, to a Wood Product shall be subject to column I for that product.

- (ii) Notwithstanding the requirements of subsection (C)(1)(a)(i), a person or facility that applies a topcoat and a primer, sealer or undercoat to a Shutter may, until July 1, 2005, choose to comply with the VOC Content limits specified below for that Shutter:

(b) **LIMITS**
 Grams of VOC Per Liter of Coating,
Less Water and Less Exempt Compounds (VOC Content)

Coating	g/L (lb/gal)
Clear Sealers	275 (2.3)
Clear Topcoat	680 (5.7)
Pigmented Primers, Sealers & Undercoats	275 (2.3)
Pigmented Topcoats	600 (5.0)

(c) **LIMITS**
 Grams of VOC Per Liter of Coating,
Less Water and Less Exempt Compounds (VOC Content)

Coating	Current Limit g/L (lb/gal)	On and After 7/1/97	On and After 7/1/2005
		g/L (lb/gal)	g/L (lb/gal)
Fillers	500 (4.2)	500 (4.2)	275 (2.3)

		On and After 7/1/97	On and After 7/1/2005
High-Solid Stains	700 (5.8)	550 (4.6)	350 (2.9)
Inks	500 (4.2)	500 (4.2)	500 (4.2)
Mold-Seal Coatings	750 (6.3)	750 (6.3)	750 (6.3)
Multi-Colored Coatings	685 (5.7)	685 (5.7)	275 (2.3)
Low-Solids Stains, Toners and Washcoats	800 (6.7)	480 (4.0)	120 (1.0)
Adhesives	250 (2.1)	250 (2.1)	250 (2.1)

[Rule 1114]

29. Owner/Operator's use of *Metal Parts and Products Coatings* at this facility shall comply with the applicable requirements of Rule 1115, including the VOC limits specified in Rule 1115, as listed below:

Owner/Operator shall not apply to metal parts and products any coatings, including any VOC-containing materials added to the original coating supplied by the manufacturer, which contain VOC in excess of the limits specified below unless emissions to the atmosphere are controlled to an equivalent level by air pollution abatement equipment with a capture and control system Combined Efficiency of at least 85 percent:

LIMITS

(Grams of VOC Per Liter of Coating, Less Water and Less Exempt Compounds)

<u>Coating</u>	<u>Air Dried</u>		<u>Baked</u>	
	g/L	(lb/gal)	g/L	(lb/gal)
General	420	(3.5)	360	(3.0)
Military Specification	420	(3.5)	360	(3.0)
Etching Filler	420	(3.5)	420	(3.5)
Solar-Absorbent	420	(3.5)	360	(3.0)
Heat-Resistant	420	(3.5)	360	(3.0)
High-Gloss	420	(3.5)	360	(3.0)
Extreme High-Gloss	420	(3.5)	360	(3.0)
Metallic	420	(3.5)	420	(3.5)
Extreme Performance	420	(3.5)	360	(3.0)
Prefabricated Architectural				
Component	420	(3.5)	275	(2.3)
Touch Up	420	(3.5)	360	(3.0)

Repair	420	(3.5)	360	(3.0)
Silicone-Release	420	(3.5)	420	(3.5)
High Performance				
Architectural	420	(3.5)	420	(3.5)
Camouflage	420	(3.5)	420	(3.5)
Vacuum-Metalizing	420	(3.5)	420	(3.5)
Mold-Seal	420	(3.5)	420	(3.5)
High-Temperature	420	(3.5)	420	(3.5)
Electric-Insulating Varnish	420	(3.5)	420	(3.5)
Pan-Backing	420	(3.5)	420	(3.5)
Pretreatment Wash Primer	420	(3.5)	420	(3.5)
Clear Coating	520	(4.3)	520	(4.3)
[Rule 1115]				

30. Owner/Operator shall comply with all requirements of the District’s Title V Program, MDAQMD Rules 1200 through 1210 (Regulation XII - Federal Operating Permits). [Applicable via Title V Program interim approval 02/05/96 61 FR 4217]
31. Maintenance, service, repair or disposal of equipment containing ozone depleting compounds as defined in Appendix A and Appendix B to Subpart A of 40 CFR Part 82 shall be performed by persons certificated by a technician certification program approved pursuant to 40 CFR Part 82. [40 CFR Part 82]
32. If the facility becomes subject to 40 CFR Part 68 (Risk Management Plan (RMP)) and/or 10 CCR §2735 et al. (California Accidental Release Program - CalARP), then the owner/operator shall submit and maintain a Risk Management Plan as required in the specified regulations. [40 CFR Part 68]
33. If the facility becomes subject to Title IV of the Clean Air Act, then the owner/operator shall request a modification to the Title V permit and prepare and submit the Title IV application forms. [Rule 1203(D)]
34. Owner/Operator shall comply with all requirements of Rule 1211 - Greenhouse Gas Provisions of Federal Operating Permits. Specifically, the Owner/Operator shall include Greenhouse Gas (GHG) emission data and all applicable GHG requirements with any application, as specified in 1211(D)(1), for a Federal Operating Permit. [Rule 1211 - Greenhouse Gas Provisions of Federal Operating Permits]

B. FACILITY-WIDE MONITORING, RECORDKEEPING, AND REPORTING REQUIREMENTS:

1. Any data and records generated and/or kept pursuant to the requirements in this federal operating permit (Title V Permit) shall be kept current and on site for a minimum of five (5) years from the date generated. Any records, data, or logs shall be supplied to District, state, or federal personnel upon request. [40 CFR 70.6(a)(3)(ii)(B); Rule 1203(D)(1)(d)(ii)]
2. Any Compliance/Performance testing required by this Federal Operating Permit shall follow the administrative procedures contained in the District's *Compliance Test Procedural Manual*. Any required annual Compliance and/or Performance Testing shall be accomplished by obtaining advance written approval from the District pursuant to the District's *Compliance Test Procedural Manual*. All emission determinations shall be made as stipulated in the *Written Test Protocol* accepted by the District. When proposed testing involves the same procedures followed in prior District approved testing, then the previously approved *Written Test Protocol* may be used with District concurrence. [Rule 204 - Permit Conditions]
3. Owner/Operator of permit units subject to Comprehensive Emissions Inventory Report / Annual Emissions Determinations for District, state, and federal required Emission Inventories shall monitor and record the following for each unit:
 - (a) The cumulative annual usage of each fuel type. The cumulative annual usage of each fuel type shall be monitored from utility service meters, purchase or tank fill records.
 - (b) Fuel suppliers' fuel analysis certification/guarantee including fuel sulfur content shall be kept on site and available for inspection by District, state or federal personnel upon request. The sulfur content of diesel fuel shall be determined by use of ASTM method D2622-82, or (ASTM method D 2880-71, or equivalent). Vendor data meeting this requirement are sufficient. [40 CFR 70.6(a)(3)(B) – Periodic Monitoring Requirements][Rule 204 - Permit Conditions]
- 4 (a) Owner/Operator shall submit Compliance Certifications as prescribed by Rule 1203(F)(1) and Rule 1208, in a format approved by MDAQMD. Compliance Certifications by a Responsible Official shall certify the truth, accuracy and completeness of the document submitted and contain a statement to the effect that the certification is based upon information and belief, formed after a reasonable inquiry; the statements and information in the document are true, accurate, and complete. [40 CFR 70.6(c)(5)(i); Rule 1208; Rule 1203(D)(1)(vii-x)]
 - (b) Owner/Operator shall include in any Compliance Certification the methods used for monitoring such compliance. [40 CFR 70.6(c)(5)(ii); Rule 1203(D)(1)(g)(viii)]

- (c) Owner/Operator shall comply with any additional certification requirements as specified in 42 United States Code (U.S.C.) §7414(a)(3), Recordkeeping, Inspections, Monitoring and Entry (Federal Clean Air Act §114(a)(3)) and 42 U.S.C. §7661c(b), Permit Requirements and Conditions (Federal Clean Air Act §503(b)), or in regulations promulgated thereunder. [Rule 1203 (D)(1)(g)(x)]
 - (d) On an *annual* basis, of any given year, Owner/Operator shall submit a *Compliance Certification Report*, within 30 days of the anniversary of the date of the issuance or renewal of the Federal Operating Permit, to the APCO/District pursuant to District Rule 1203. Each report shall be certified to be true, accurate, and complete by “The Responsible Official” and a copy of this annual report shall also be contemporaneously submitted to the EPA Region IX Administrator. [40 CFR 72.90.a and Rule 1203 (D)(1)(g)(v - x)]
5. Owner/Operator shall submit, on a semi-annual basis a Monitoring Report to the APCO/District. Each Monitoring Report shall cover the periods from May 16 to November 15 and from November 16 to May 15, and be postmarked by the 30 day of the end of the reporting period. This Monitoring Report shall be certified to be true, accurate, and complete by “The Responsible Official” and shall include the following information and/or data:
Summary of deviations from any federally-enforceable requirement in this permit.
- (b) Summary of all emissions monitoring and analysis methods required by any Applicable Requirement / federally - enforceable requirement.
 - (c) Summary of all periodic monitoring, testing or record keeping (including test methods sufficient to yield reliable data) to determine compliance with any Applicable Requirement / federally - enforceable requirement that does not directly require such monitoring.
- An alternate Monitoring Report format may be used upon prior approval by MDAQMD. [Rule 1203(D)(1)(e)(i)]
6. Owner/Operator shall promptly report all deviations from Federal Operating Permit requirements including, but not limited to, any emissions in excess of permit conditions, deviations attributable to breakdown conditions, and any other deviations from permit conditions. Such reports shall include the probable cause of the deviation and any corrective action or preventative measures taken as a result of the deviation. [Rule 1203(D)(1)(e)(ii) and Rule 430(C)]
Prompt reporting shall be determined as follows:
- (a) For deviations involving emissions of air contaminants in excess of permit conditions including but not limited to those caused by a breakdown, prompt reporting shall be within one hour of the occurrence of the excess emission or within one hour of the time a person knew or reasonably should have known of the excess emission. Documentation and other relevant evidence regarding the

excess emission shall be submitted to the District within sixty (60) days of the date the excess emission was reported to the District. [SIP Pending: Rule 430 - Breakdown Provisions as amended 12/21/94 and submitted 2/24/95]

- (b) For other deviations from permit conditions not involving excess emissions of air contaminants shall be submitted to the District with any required monitoring reports at least every six (6) months. [Rule 1203(D)(1)(e)(i)]
7. If any facility unit(s) should be determined not to be in compliance with any federally-enforceable requirement during the 5-year permit term, then Owner/Operator shall obtain a Schedule of Compliance approved by the District Hearing Board pursuant to the requirements of MDAQMD Regulation 5 (Rules 501 - 518). In addition, Owner/Operator shall submit a Progress Report on the implementation of the Schedule of Compliance. The Schedule of Compliance shall contain the information outlined in (b), below. The Progress Report shall contain the information outlined in (c), below. The Schedule of Compliance shall become a part of this Federal Operating Permit by administrative incorporation. The Progress Report and Schedule of Compliance shall comply with Rule 1201(I)(3)(iii) and shall include:
- (a) A narrative description of how the facility will achieve compliance with such requirements; and
 - (b) A Schedule of Compliance which contains a list of remedial measures to be taken for the facility to come into compliance with such requirements, an enforceable sequence of actions, with milestones, leading to compliance with such requirements and provisions for the submission of Progress Reports at least every six (6) months. The Schedule of Compliance shall include any judicial order, administrative order, and/or increments of progress or any other schedule as issued by any appropriate judicial or administrative body or by the District Hearing Board pursuant to the provisions of Health & Safety Code §42350 et seq.; and
 - (c) Progress Reports submitted under the provisions of a Schedule of Compliance shall include: Dates for achieving the activities, milestone, or compliance required in the schedule of compliance; and dates when such activities, milestones or compliance were achieved; and an explanation of why any dates in the schedule of compliance were not or will not be met; and any preventive or corrective measures adopted due to the failure to meet dates in the schedule of compliance. [Rule 1201 (I)(3)(iii); Rule 1203 (D)(1)(e)(ii); Rule 1203 (D)(1)(g)(v)]

C. FACILITY-WIDE COMPLIANCE CONDITIONS:

1. Owner/Operator shall allow an authorized representative of the MDAQMD to enter upon the permit holder's premises at reasonable times, with or without notice. [40 CFR 70.6(c)(2)(i); Rule 1203(D)(1)(g)(i)]
2. Owner/Operator shall allow an authorized representative of the MDAQMD to have access to and copy any records that must be kept under condition(s) of this Federal Operating Permit. [40 CFR 70.6(c)(2)(ii); Rule 1203(D)(1)(g)(ii)]
3. Owner/Operator shall allow an authorized representative of the MDAQMD to inspect any equipment, practice or operation contained in or required under this Federal Operating Permit. [40 CFR 70.6(c)(2)(iii); Rule 1203(D)(1)(g)(iii)]
4. Owner/Operator shall allow an authorized representative of the MDAQMD to sample and/or otherwise monitor substances or parameters for the purpose of assuring compliance with this Federal Operating Permit or with any Applicable Requirement. [40 CFR 70.6(c)(2)(iv); Rule 1203(D)(1)(g)(iv)]
5. Owner/Operator shall remain in compliance with all Applicable Requirements / federally enforceable requirements by complying with all compliance, monitoring, record-keeping, reporting, testing, and other operational conditions contained in this Federal Operating Permit. Any noncompliance constitutes a violation of the Federal Clean Air Act and is grounds for enforcement action; the termination, revocation and re-issuance, or modification of this Federal Operating Permit; and/or grounds for denial of a renewal application. [1203 (D)(1)(f)(ii)]
6. Owner/Operator shall comply in a timely manner with all applicable requirements / federally - enforceable requirements that become effective during the term of this permit. [Rule 1201 (I)(2); Rule 1203(D)(1)(g)(v)]
7. Owner/Operator shall insure that all applicable subject processes comply with the provisions of 40 CFR 61, *National Emission Standards for Hazardous Air Pollutants*, subpart A, *General Provisions*, and subpart M, *Asbestos*. [40 CFR 61, subparts A and M]
8. Owner/Operator shall notify APCO/District at least 10 working days before any applicable asbestos stripping or removal work is to be performed as required by section 61.145.b of 40 CFR 61 subpart M, *National Emission Standard for Asbestos*. [40 CFR 61.145.b]

9. Owner/Operator shall notify the APCO/District, on an annual basis, postmarked by December 17 of the calendar year, of the predicted asbestos renovations for the following year as required by section 61.145.b of 40 CFR 61, subpart M [see cite for threshold triggering and applicability]. [40 CFR 61.145.b]

PART III
EQUIPMENT SPECIFIC APPLICABLE REQUIREMENTS; EMISSIONS
LIMITATIONS; MONITORING, RECORDKEEPING,
REPORTING AND TESTING REQUIREMENTS; COMPLIANCE
CONDITIONS; COMPLIANCE PLANS

- A. EQUIPMENT DESCRIPTION: MDAQMD permit # C010719; LANDFILL GAS CONTROL SYSTEM, TEMPORARY consisting of:

Capacity	Equipment Description
0	Vertical Extraction Wells - 76 divided between the following:
0	Soil Vapor Extraction (SVE) Wells
0	Landfill Gas (LFG) Well
0	Manual Condensate Tanks - 2 each
0	Landfill Gas Filter and Knockout Vessel - 1 each - #V-1
7.5	Gas Blower - Hauck Mfg Model TBG-24 - #B-1
7.5	Gas Blower - Hauck Mfg Model TBG-24 - If needed - #B-2
0	Flame Arrestors FA-1
0	(2) Adsorption Vessel 2,000 lbs each (4,000 total) granular activated carbon (GAC) - #V-2A
0	(2) Adsorption Vessel 2,000 lbs each (4,000 total) granular activated carbon (GAC) - #V-2B
0	Vent stack, minimum 15 foot high

PERMIT CONDITIONS:

1. The owner/operator, (o/o), shall install, operate and maintain this unit in strict accord with all the information submitted with the application. The application and submittals are incorporated in their entirety into this permit and act as specific limitations on the permit unless specifically exempted hereunder. [Rule 204]

2. The o/o shall take the following samples:
 - A. Initial operation or following the addition of wells, for first 6 months, on a weekly schedule:
 1. Gas composition and flow rate from each Vertical Soil Vapor Extraction (SVE) Wells
 2. Granular activated carbon (GAC) vessels - inlet and outlet - for total Gaseous Non-Methane Organic Compounds (TGNMOC) using a photo ionization detector (PID) calibrated to hexane.

 - B. Initial operation or add additional wells for first 6 months on a monthly schedule:
 1. Collect a sample in a Tedlar bag and analyze for TGNMOC and SCAQMD core group of Toxic Air Contaminates (TAC) compounds.

C. After first 6 months on a quarterly schedule:

1. Collect a sample in a Tedlar bag and analyze for TGNMOC and SCAQMD core group of TAC compounds. [Rule 204] [Rule 1302(C)(2)(a)]

3. The o/o shall maintain a log that contain at least the following items:
- A. Dates of measurements and analyses,
 - B. Name of operator taking the data,
 - C. All flow rates,
 - D. Sample analyses,
 - E. Inclusive of calibration gas concentrations,
 - F. Date new SVE and/or LFG wells are added or relocated, and
 - G. Location and identification name of new or relocated well.

The log shall be maintained current, kept for the duration of the project and made available to District personnel on request. [Rule 204]

4. The o/o shall submit to the District semi-annual reports of the measurements of NMOC, flow rates and destruction removal efficiencies. Further the o/o shall submit to the District an annual or 5-year estimate of the NMOC emission rate calculated using the formula and procedures as allowed by Rule 1126 (note that the APCO may approve alternate record keeping and reporting provisions). [Rule 204]

Applicable Federal Requirements:

40 CFR 60.11(d) : At all times, including periods of startup, shutdown, and malfunction, the owners/operators will, to the extent practicable, maintain and operate any affected facility including associated air pollution control equipment in a manner consistent with good air pollution control practice for minimizing emissions.

40 CFR 60.12: The owner/operator will not erect, install, or use any article, machine, equipment or process, the use of which conceals an emission which would otherwise constitute a violation of an applicable standard.

40CFR 60.752 (b): The owner/operator submitted the initial NMOC. Emission Report and will report the NMOC emission rate as required, either annually or as provided for in 40CFR60.757(b)(1)(ii), every five years.

40CFR60.754: The owner/operator will determine the NMOC emission rate pursuant to the test methods detailed in 40CFR60.754 (a)(3)Tier 2.

40CFR60.757: (a) The initial Capacity Report was previously submitted. (b)The initial NMOC emission report was submitted and subsequent reports will be submitted either on an annual basis, or every 5 years if approved by the MDAQMD.

40CFR60.758: (a) Record of the design capacity and the year to year waste acceptance rates will be kept either on-site or will be easily Retrievable within 4 hours upon request. (d) A plot map identifying each existing and planned collector will be kept either on-site or will be easily retrievable within 4 hours upon request.

THE FOLLOWING PROVISIONS OF 40CFR60 SUBPART WWW WERE NOT APPLICABLE AS THE SITE DOES NOT MEET THE NMOC EMISSION THRESHOLD OF 50Mg/YEAR (55 TONS/YEAR) AS NOTED WITHIN THE SAME PROVISION:

40CFR60.753 provision did not meet requirements of 40CFR60.752(b)(2)(ii)

40CFR60.755 provision did not meet requirements of 40CFR60.752(b)(2)(ii)

40CFR60.756 provision did not meet requirements of 40CFR60.752(b)(2)(ii)

40CFR60.758 subparts(b),(c),(e),and(f) did not meet requirements of 40CFR60.752(b)(2)(ii)

40CFR63: Per the preamble to the Rule, "The final Rule applies to all MSW landfills that are major sources or are collocated with a major source (of HAPS.)" The site emits less than 25 tons/year of total HAPS and less than 10 tons/year of each HAP and is therefore NOT a major source. Further, the same preamble states that the Rule "does not apply to conventional area source landfills that have estimated uncontrolled emissions of less than 50Mg/year NMOC." This site emits significantly less than the emission threshold. This exemption is also noted in 40CFR63.1935 (a)(1).

40CFR60.33(c)(3) The owner/operator will obtain a Title V Operating Permit as required based on a design capacity greater than 2.5 million m3 . Based on the NMOC emission rate, the owner/operator is not required to install a collection and control system.

Collection and control equipment is not yet required for this site as the estimated NMOC rate is less than the threshold of 50 Mg/year (55 tons/year.) However, the owner/operator will comply with the following provisions:

40 CFR 60.11(d): At all times, including periods of startup, shutdown, and malfunction, the owners/operators will, to the extent practicable, maintain and operate any affected facility including associated air pollution control equipment in a manner consistent with good air pollution control practice for minimizing emissions.

40 CFR 60.12: The owner/operator will not erect, install, or use any article, machine, equipment or process, the use of which conceals an emission which would otherwise constitute a violation of an applicable standard.

40 CFR 60.752 (b)(2)(iii)(B): The control system shall be designed and operated to reduce NMOC by 98 weight-percent, or to reduce the outlet NMOC concentration to less than 20 parts per million by volume, dry basis as hexane at 3 percent oxygen.

40 CFR 63, Landfill Gas Extraction System; EXEMPT

MDAQMD Rule 1126, Landfill Gas Extraction System; Rule is Applicable

MDAQMD Rule 403, Landfill Gas Extraction System; Rule is Applicable

CONTINUATION OF COMPLIANCE:

The owner/operator will continue to submit NMOC emission Reports. The owner/operator will continue to maintain emissions control equipment and operate the equipment in a manner consistent with good air pollution control practice for minimizing emissions. The owner/operator will continue to monitor and manage fugitive dust emissions.

- B. EQUIPMENT DESCRIPTION: Diesel Fueled Generator, 40 hp for Landfill Gas Extraction System. Manufactured by Generac Type CD025; equipment is exempt per MDAQMD Rule 219(E)(2)(a); Engine with continuous ratings of less than 50 hp as exempt.

- C. EQUIPMENT DESCRIPTION: Diesel Fueled Generator, 36 hp for Scale House Operations. Manufactured by M Power, Model DCA25SSIU; equipment is exempt per MDAQMD Rule 219(E)(2)(a); Engine with continuous ratings of less than 50 hp as exempt.

PART IV STANDARD FEDERAL OPERATING PERMIT CONDITIONS

A. STANDARD CONDITIONS:

1. If any portion of this Federal Operating Permit is found to be invalid by the final decision of a court of competent jurisdiction the remaining portion(s) of this Federal Operating Permit shall not be affected thereby. [40 CFR 70.6(a)(5); Rule 1203(D)(1)(f)(i)]
2. Owner/Operator shall comply with all condition(s) contained herein. Noncompliance with any condition(s) contained herein constitutes a violation of the Federal Clean Air Act and of MDAQMD Regulation XII and is grounds for enforcement action; termination, revocation and re-issuance, or modification of this Federal Operating Permit; and/or grounds for denial of a renewal of this Federal Operating Permit. [40 CFR 70.6(a)(6)(i); Rule 1203(D)(1)(f)(ii)]
3. It shall not be a defense in an enforcement action brought for violation(s) of condition(s) contained in this Federal Operating Permit that it would have been necessary to halt or reduce activity to maintain compliance with those condition(s). [40 CFR 70.6(a)(6)(ii); Rule 1203(D)(1)(f)(iii)]
4. This Federal Operating Permit may be modified, revoked, reopened or terminated for cause. [40 CFR 70.6(a)(6)(iii); Rule 1203(D)(1)(f)(iv)]
5. The filing of an application for modification; a request for revocation and re-issuance; a request for termination; notifications of planned changes; or anticipated noncompliance with condition(s) does not stay the operation of any condition contained in this Federal Operating Permit. [40 CFR 70.6(a)(6)(iii); Rule 1203(D)(1)(f)(v)]
6. The issuance of this Federal Operating Permit does not convey any property rights of any sort nor does it convey any exclusive privilege. [40 CFR 70.6(a)(6)(iv); Rule 1203(D)(1)(f)(vi)]
7. Owner/Operator shall furnish to the MDAQMD, within a reasonable time as specified by the MDAQMD, any information that the MDAQMD may request in writing to determine whether cause exists for modifying, revoking and reissuing, terminating, or determining compliance with the Federal Operating Permit. [40 CFR 70.6(a)(6)(v); Rule 1203(D)(1)(f)(vii)]
8. Owner/Operator shall furnish to qualified District, CARB or EPA personnel, upon request, copies of any records required to be kept pursuant to condition(s) of this Federal

Operating Permit. [40 CFR 70.6(a)(6)(v); Rule 1203(D)(1)(f)(viii)]

9. Any records required to be generated and/or kept by any portion of this Federal Operating Permit shall be retained by the facility Owner/Operator for at least five (5) years from the date the records were created. [40 CFR 70.6(a)(3)(ii)(B); Rule 1203(D)(1)(d)(ii)]
10. Owner/Operator shall pay all applicable fees as specified in MDAQMD Regulation III, including those fees related to permits as set forth in Rules 301 and 312. [40 CFR 70.6(a)(7); Rule 1203(D)(1)(f)(ix)]
11. Owner/Operator shall not be required to revise this permit for approved economic incentives, marketable permits, emissions trading or other similar programs provided for in this permit. [40 CFR 70.6(a)(8); Rule 1203(D)(1)(f)(x)]
12. Compliance with condition(s) contained in this Federal Operating Permit shall be deemed compliance with the Applicable Requirement underlying such condition(s). The District clarifies that “only” Applicable Requirements listed & identified elsewhere in this Title V Permit are covered by this Permit Shield and does not extend to any unlisted/unidentified conditions pursuant to the requirements of 40 CFR 70.6(f)(1)(i). [40 CFR 70.6(f)(1)(i); Rule 1203(G)(1)]
13. The Permit Shield set forth above, in condition 12 of Part IV, shall not be construed to limit the emergency powers of USEPA as set forth in 42 U.S.C. §7603. [40 CFR 70.6(f)(3)(i); Rule 1203(G)(3)(a)]
14. The Permit Shield set forth above, in condition 12 of Part IV, shall not be construed to limit liability for violations, which occurred prior to the issuance of this Federal Operating Permit. [40 CFR 70.6(f)(3)(ii); Rule 1203(G)(3)(b)]
15. This facility is not subject to any Applicable Requirement Contained in the Acid Rain Program. [40 CFR 70.6(f)(3)(iii); Rule 1203(G)(3)(c)]
16. The Permit Shield set forth above, in condition 12 of Part IV, shall not be construed to limit the ability of USEPA or the MDAQMD to obtain information pursuant to other provisions of law including but not limited to 42 U.S.C. §7414. [40 CFR 70.6(f)(3)(iv); Rule 1203(G)(3)(d)]
17. The Permit Shield set forth above, in condition 12 of Part IV, shall not be construed to apply to emissions trading pursuant to provisions contained in an applicable State Implementation Plan. [40 CFR 70.4(b)(12)(ii)(B); Rule 1203(G)(3)(e)]

18. The Permit Shield set forth above, in condition 12 of Part IV, shall not be construed to apply to changes made which are not expressly allowed by this Federal Operating Permit. [40 CFR 70.4(b)(14)(iii); Rule 1203(G)(3)(f)]
19. The Permit Shield set forth in Part IV, condition 12, shall not be construed to apply to changes made pursuant to the Significant Permit Modification provisions until such changes are included in this Federal Operating Permit. [40 CFR 70.5(a)(1)(ii), 70.7(e)(2)(vi); Rule 1203 (G)(3)(g)]
20. If Owner/Operator performs maintenance on, or services, repairs, or disposes of appliances, Owner/Operator shall comply with the standards for Recycling and Emissions Reduction pursuant to 40 CFR Part 82, Subpart F. These requirements are Federally Enforceable through this Title V Permit. [40 CFR Part 82, Subpart F]
21. If Owner/Operator performs service on motor vehicles when this service involves the ozone-depleting refrigerant in the motor vehicle air conditioner (MVAC), Owner/Operator shall comply with the standards for Servicing of Motor Vehicle Air Conditioners pursuant to all the applicable requirements as specified in 40 CFR Part 82, Subpart B. These requirements are Federally Enforceable through this Title V Permit. [40 CFR Part 82, Subpart B]
22. Notwithstanding the testing requirements contained elsewhere in this Title V Permit, any credible evidence may be used to establish violations, including but not limited to; reference test methods, engineering calculations, indirect estimates of emissions, CEMS data, and parametric monitoring data. Data need not be required to be collected in a Title V permit in order to be considered credible. [Section 113(a) of the Clean Air Act]

PART V OPERATIONAL FLEXIBILITY

A. ALTERNATIVE OPERATING SCENARIO (S):

The rate of landfill gas generation will continue to increase as the increasing waste mass decomposes. It is anticipated that the rate of gas generation will not exceed the estimated rate modeled using the EPA LandGEM model. However, it may be necessary to increase the extraction rate to control offsite and surface migration. In the event that a modification to the gas collection and control system is required, the owner operator shall do so in accordance with District regulation II and XII.

The conditions of these State/District level permits are listed within Part III of this Title V Permit. This facility State/District emissions cap is federally enforceable under the conditions of this Title V Permit.

Facility must comply with these already listed conditions and keep records required for a period of five (5) years from the date the data is generated, and made available to District, State or Federal personnel on request.

B. OFF PERMIT CHANGES

- I. Permittee may make a proposed change to equipment covered by this permit that is not expressly allowed or prohibited by this permit if:
 - A. Permittee has applied for and obtained all permits and approvals required by MDAQMD Regulation II and Regulation XII unless the equipment involved in the change is exempt from obtaining such permits and approvals pursuant to the provisions of Rule 219; and
 1. The proposed change is not:
 - a. Subject to any requirements under Title IV of the Federal Clean Air Act; or *[See 1203(E)(1)(c)(i)d.]*
 - b. A modification under Title I of the Federal Clean Air Act; or
 - c. A modification subject to Regulation XIII; and *[See 1203(E)(1)(c)(i) d.]*
 - d. The change does not violate any Federal, State or Local requirement, including an applicable requirement; and *[See 1203(E)(1)(c)(i)c.]*
 - e. The change does not result in the exceedance of the emissions allowable under this permit (whether expressed as an emissions rate or in terms of total emissions). *[See 1203(E)(1)(c)(i)e.]*

II. Procedure for “Off Permit” Changes

- A. If a proposed “Off Permit Change” qualifies under Part V, Section (A)(I)(A)(1) above, permittee shall implement the change as follows:
 1. Permittee shall apply for an Authority To Construct permit pursuant to the provisions of Regulation II. *[See 1203(E)(1)(c)(i)b.]*
 2. In addition to the information required pursuant to the provisions of Regulation II and Regulation XIII such application shall include:
 - a. A notification that this application is also an application for an “Off Permit” Change pursuant to this condition; and *[See 1203(E)(1)(c)(i)b.]*
 - b. A list of any new Applicable Requirements which would apply as a result of the change; and *[See 1203(E)(1)(c)(i)b.]*
 - c. A list of any existing Applicable Requirements, which would cease to apply as a result of the change. *[See 1203(E)(1)(c)(i)c.]*
 3. Permittee shall forward a copy of the application and notification to USEPA upon submitting it to the District. *[See 1203(E)(1)(c)(i)a.]*
- B. Permittee may make the proposed change upon receipt from the District of the Authority to Construct Permit or thirty (30) days after forwarding the copy of the notice and application to USEPA whichever occurs later. *[See 1203(E)(1)(c)(i)a. and g.]*
- C. Permittee shall attach a copy of the Authority to Construct Permit and any subsequent Permit to Operate, which evidences the Off Permit Change to this Title V permit. *[See 1203(E)(1)(c)(i)f.]*
- D. Permittee shall include each Off-Permit Change made during the term of the permit in any renewal application submitted pursuant to Rule 1202(B)(3)(b). *[See 1203(E)(1)(c)(i)f.]*

III. Other Requirements:

- A. The provisions of Rule 1205 – Modifications do not apply to an Off Permit Change made pursuant to this condition.
- B. The provisions of Rule 1203(G) – Permit Shield do not apply to an Off Permit Change made pursuant to this condition. *[See 40 CFR 70.4(b)(i)(B)]*
[Rule 1203(E)(1)(c)]

PART VI
CONVENTIONS, ABBREVIATIONS, DEFINITIONS

- A. The following referencing conventions are used in this Federal Operating Permit:
40CFR72, Permits Regulation (Acid Rain Program)
40CFR73, Sulfur Dioxide Allowance System
40CFR75, Continuous Emission Monitoring
40CFR75, Subpart D, Missing Data Substitution Procedures
40CFR75, Appendix B, Quality Assurance and Quality Control Procedures
40CFR75, Appendix C, Missing Data Estimating Procedures
40CFR75, Appendix D, Optional SO₂ Emissions Data Protocol
40CFR75, Appendix F, Conversion Procedures
40CFR75, Appendix G, Determination of CO₂ Emissions
- B. Other conventions:
1. Unless otherwise noted, a “day” shall be considered a 24-hour period from midnight to midnight (i.e., calendar day).
 2. The process unit identifications represent the District permit number designations. These numbers are not sequential. The use of District permit numbers provides continuity between the District and Federal Operating Permit systems.
- C. Abbreviations used in this permit are as follows:
- | | |
|------------------|---|
| CFR | Code of Federal Regulations |
| APCO | Air Pollution Control Officer |
| bhp | brake horsepower |
| BSL | Barstow Sanitary Landfill |
| Btu | British thermal units |
| CEMS | continuous emissions monitoring system |
| CO | carbon monoxide |
| CO ₂ | carbon dioxide |
| District | Mojave Desert Air Quality Management District (formed July 1993) |
| hp | horsepower |
| LFG | Landfill Gas |
| MDAQMD | Mojave Desert Air Quality Management District (formed July 1993) |
| NESHAP | National Emission Standards for Hazardous Air Pollutants |
| PM ₁₀ | particulate matter less than 10 microns mean aerodynamic diameter |
| psia | pounds per square inch absolute |
| SIC | Standard Industrial Classification |
| SIP | State of California Implementation Plan |
| SO ₂ | sulfur dioxide |

PART VII
SIP History and Status For Cited Rules

Agency	Rule #	Rule Title	Effective Area	Rule Book Version	SIP Version	Submit Date	USEPA Action	CFR	FR Date	FR Cite
SO	203	Permit to Operate	SBC			4/21/1976	App	40 CFR 52.220(c)(31)(vi)(C)	11/9/1978	43 FR 52237
SB	203	Permit to Operate				6/6/1977	App	40 CFR 52.220(c)(39)(ii)(B)	11/9/1978	43 FR 52237
MD	203	Permit to Operate		7/25/1977	G-73					
SO	204	Permit Conditions	SBC			4/21/1976	App	40 CFR 52.220(c)(31)(vi)(C)	11/9/1978	43 FR 52237
SB	204	Permit Conditions				6/6/1977	App	40 CFR 52.220(c)(39)(ii)(B)	11/9/1978	43 FR 52237
MD	204	Permit Conditions		7/25/1977	G-73					
SO	206	Posting of Permit To Operate	SBC			4/21/1976	App	40 CFR 52.220(c)(31)(vi)(C)	11/9/1978	43 FR 52237
SB	206	Posting of Permit to Operate				6/6/1977	App	40 CFR 52.220(c)(39)(ii)(B)	11/9/1978	43 FR 52237
MD	206	Posting of Permit to Operate		7/25/1977	G-73					
SO	207	Altering or Falsifying of Permit	RC			4/21/1976	App	40 CFR 52.220(c)(31)(vi)(C)	11/9/1978	43 FR 52237
RC	207	Altering or Falsifying of Permit		7/25/1977 via Res. 94-03	G-73	6/6/1977	App	40 CFR 52.220(c)(39)(iv)(B)	11/9/1978	43 FR 52237
MD	207	Altering or Falsifying of Permit								
SO	207	Altering or Falsifying of Permit	SBC			4/21/1976	App	40 CFR 52.220(c)(31)(vi)(C)	11/9/1978	43 FR 52237
SB	207	Altering or Falsifying of Permit				6/6/1977	App	40 CFR 52.220(c)(39)(ii)(B)	11/9/1978	43 FR 52237
MD	207	Altering or Falsifying of Permit		7/25/1977	G-73					
SO	209	Transfer and Voiding of Permit	SBC			4/21/1976	App	40 CFR 52.220(c)(31)(vi)(C)	11/9/1978	43 FR 52237
SB	209	Transfer and Voiding of Permit				6/6/1977	App	40 CFR 52.220(c)(39)(ii)(B)	11/9/1978	43 FR 52237
MD	209	Transfer and Voiding of Permit		7/25/1977	G-73					
SO	217	Provision for Sampling and Testing Facilities	SBC			4/21/1976	App	40 CFR 52.220(c)(31)(vi)(C)	11/9/1978	43 FR 52237
SB	217	Provision for Sampling and Testing Facilities				6/6/1977	App	40 CFR 52.220(c)(39)(ii)(B)	11/9/1978	43 FR 52237
MD	217	Provision for Sampling and Testing Facilities		7/25/1977	G-73					

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SO	219	{Title Unknown}						4/21/1976	App	40 CFR 52.220(c)(31)(vi)(C)	11/9/1978	43 FR 52237
RC	219	Equipment Not Requiring a Written Permit						8/2/1976	App	40 CFR 52.220(c)(32)(v)(C)		
SB	219	Equipment Not Requiring a Written Permit Pursuant to Regulation II		G-73				6/6/1977	App	40 CFR 52.220(c)(39)(iv)(B)	11/9/1978	43 FR 52237
SC	219							6/6/1977	App	40 CFR 52.220(c)(39)(v)(B)	11/9/1978	43 FR 52237
								7/25/1979	U			
								10/23/1981	App	40 CFR 52.220(c)(103)(xviii)(A)	7/6/1983	47 FR 29231
								2/7/1989	NPRM		11/16/1990	55 FR 47894
MD	219	Equipment Not Requiring a Written Permit						11/12/1992				
								1/28/1992				
								1/24/1995				
								10/30/2001				
SC	221	Plans	MD	8/23/2010 (SIP Sub)				12/7/2010				
								11/12/1985				
MD	221	Federal Operating Permit Requirement	MD	None				3/31/1995	App	40 CFR 52.220(c)(165)(i)(B)(1)	4/17/1987	52 FR 12522
								1/4/1985				
								2/21/1994 (SIP Sub)				
RC	301	Permit Fees	MD	2/28/2011				6/6/1977	App	40 CFR 52.220(c)(39)(iv)(C)	9/8/1978	43 FR 40011
SC	301	Permit Fees						1/2/1979	U	40 CFR 52.220(c)(47)(i)(A)		
								4/23/1980	App	40 CFR 52.220(c)(69)(ii)	9/28/1981	46 FR 47451
								7/14/1981	U	40 CFR 52.220(c)(102)(iv)(A)	7/6/1982	47 FR 29231
								2/3/1983	App	40 CFR 52.220(c)(127)(vii)(C)	10/19/1984	49 FR 41028
								7/19/1983	App	40 CFR 52.220(c)(137)(vii)(B)	10/19/1984	49 FR 41028
								10/25/1991				
								1/11/1993				
MD	301	Permit Fees		6/24/2012	Not SIP			2/28/1994	Del	40 CFR 52.220(c)(39)(iv)(C)	1/18/2002	67 FR 2573

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MD	312	Fees for Federal Operating Permits	MD	12/21/1994	Current	6/6/1977	App	40 CFR 52.220(c)(39)(ii)(C)	9/8/1978	43 FR 40011
SB	401	Visible Emissions	SBC	7/25/1977	G-73					
MD	401	Visible Emissions	MD	7/25/1977	Not SIP					
MD	402	Nuisance	SBC	7/25/1977	G-73	8/2/1976	App	40 CFR 52.220(c)(32)(iv)(A)	6/14/1978	43 FR 25684
SO	403	Fugitive Dust	SBC	7/25/1977	G-73	6/6/1977	App	40 CFR 52.220(c)(39)(ii)(B)	9/8/1978	43 FR 40011
SB	403	Fugitive Dust								
MD	403	Fugitive Dust								
MD	403.2	Fugitive Dust Control for MDDPA	MD	7/22/1996	(SIP Sub)	10/18/1996				
SO	404	Particulate Matter - Concentration	SBC			8/2/1976		40 CFR 52.220(c)(32)(iv)(A)	6/14/1978	43 FR 25684
SB	404	Particulate Matter - Concentration				N/A	D	40 CFR 52.227(b)(3)(i)	6/14/1978	43 FR 25684
MD	404	Particulate Matter - Concentration		7/25/1977	Current	11/4/1977	App	40 CFR 52.220(c)(42)(xiii)(A)	12/21/1978	43 FR 52489
SO	405	Solid Particulate Matter, Weight	SBC			8/2/1976	App	40 CFR 52.220(c)(32)(iv)(A)	6/14/1978	43 FR 25684
SB	405	Solid Particulate Matter, Weight				11/4/1977	App	40 CFR 52.220(c)(42)(xiii)(A)	12/21/1978	43 FR 52489
MD	405	Solid Particulate Matter, Weight		7/25/1977	Current					
SB	406	Specific Contaminants	SBC			11/4/1977	App	40 CFR 52.220(c)(42)(xiii)(A)	12/21/1978	43 FR 52489
MD	406	Specific Contaminants		2/20/1979	7/25/1977					
SO	407	Liquid and Caseous Air Contaminants	SBC			8/2/1976	App	40 CFR 52.220(c)(32)(iv)(A)	6/14/1978	43 FR 25684
SB	407	Liquid and Caseous Air Contaminants								
MD	407	Liquid and Caseous Air Contaminants		7/25/1977	G-73	6/6/1977	App	40 CFR 52.220(c)(39)(ii)(C)	9/8/1978	43 FR 40011
SO	408	Circumvention	SBC			8/2/1976	App	40 CFR 52.220(c)(32)(iv)(A)	6/14/1978	43 FR 25684
SB	408	Circumvention				6/6/1977	App	40 CFR 52.220(c)(39)(ii)(C)	9/8/1978	43 FR 40011
MD	408	Circumvention		7/25/1977	G-73					
SO	409	Combustion Contaminants	SBC			8/2/1976	App	40 CFR 52.220(c)(32)(iv)(A)	6/14/1978	43 FR 25684
SB	409	Combustion Contaminants				6/6/1977	App	40 CFR 52.220(c)(39)(ii)(C)	9/8/1978	43 FR 40011
MD	409	Combustion Contaminants		7/25/1977	G-73					

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SO	430	Breakdown Provisions	MD				2/10/1977	D	40 CFR 52.220(c)(37)(i)(B) 40 CFR 52.271(a)(28)(i)	1/24/1978 43 FR 3275 1/24/1978 43 FR 2375
							6/6/1977	D	40 CFR 52.220(c)(39)(ii)(A) 40 CFR 52.271(a)(28)(i)	1/24/1978 43 FR 3275 1/24/1978 43 FR 3275
RC	430	Breakdown Provisions					6/6/1977	D	40 CFR 52.220(c)(39)(iv)(A) 40 CFR 52.220(a)(22)(i)	1/24/1978 43 FR 3275 1/24/1978 43 FR 2375
MD	430	Breakdown Provisions		12/24/1994	Not SIP		N/A	D	40 CFR 52.271(d)(3)(i)	11/6/2003 68 FR 62738
SO	431	Sulfur Content of Fuels	SBC				2/10/1977	App	40 CFR 52.220(c)(37)(i)(B)	
SB	431	Sulfur Content of Fuels					6/6/1977	App	40 CFR 52.220(c)(39)(ii)(B)	9/8/1978 43 FR 40011
MD	431	Sulfur Content of Fuels		7/25/1977	G-73			App		
RC	442	Usage of Solvents					6/6/1977	App	40 CFR 52.220(c)(39)(iv)(C)	9/8/1978 43 FR 40011
SC	442	Usage of Solvents	MD				12/17/1979	App	40 CFR 52.220(c)(59)(ii)(B)	9/28/1981 46 FR 47451
							5/20/1982	App	40 CFR 52.220(c)(125)(ii)(D)	11/16/1983 48 FR 52054
SB	442	Usage of Solvents					6/6/1977	App	40 CFR 52.220(c)(39)(ii)(C)	9/8/1978 43 FR 40011
MD	442	Usage of Solvents					5/23/1979	App	40 CFR 52.220(c)(51)(xii)(B)	6/9/1982 48 FR 52054
				2/27/2006	Current		5/8/2007	App	40 CFR 52.220(c)(347)(i)(C)(1)	9/17/2007 72 FR 52791
RC	444	Open Fires					6/6/1977	App	40 CFR 52.220(c)(39)(iv)(C)	9/8/1978 43 FR 40011
SC	444	Open Fires	MD				11/5/1981	App	40 CFR 52.220(c)(104)(ii)(A)	7/6/1982 47 FR 29231
SB	444	Open Fires					11/4/1977	App	40 CFR 52.220(c)(42)(xiii)(A)	12/21/1978 43 FR 59489
							N/A	D	40 CFR 52.220(b)(12)(i)	12/21/1978 43 FR 59489
							3/23/1988	??		
							3/3/1997	??		
MD	444	Open Fires					5/8/2007	App	40 CFR 52.220(c)(350)(B)(1)	10/31/2007 72 FR 61525
				9/25/2006	Current					
SO	461	Gasoline Transfer and Dispensing	SBC				4/21/1976	App	40 CFR 52.220(c)(31)(v)(A)	7/26/1977 42 FR 37976
							11/10/1976		40 CFR 52.220(c)(35)(ii)	7/26/1977 42 FR 37976
SB	461	Gasoline Transfer and Dispensing					11/4/1977		40 CFR 52.220(c)(42)(xiii)(A)	12/21/1978 43 FR 59489
							12/15/1980	App	40 CFR 52.220(c)(85)(v)(A)	6/9/1982 47 FR 25013
MD	461	Gasoline Transfer and Dispensing		5/25/1994	Current		7/13/1994	App	40 CFR 52.220(c)(198)(i)(E)(1)	5/3/1995 60 FR 21702

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MD	1104	Organic Solvent Degreasing Operations	MD	9/28/1994	Current	11/30/1994	App	40 CFR 52.220(c)(207)(i)(D)(2)	4/30/1996	61 FR 18962
SC	1113	Architectural Coatings	RC			7/13/1978 5/28/1981 11/3/1980 10/27/1983 7/10/1984 N/A 11/12/1985 3/23/1988 4/5/1991 5/13/1991 1/11/1993 5/23/1979 1/11/1993 4/1/2003	App D App LA/LD	40 CFR 52.220(c)(45)(ii)(A) 40 CFR 52.220(c)(92)(v)(B)(vi)(A) 40 CFR 52.220(c)(96)(i)(A) 40 CFR 52.220(c)(148)(vi)(B) 40 CFR 52.220(c)(155)(v)(A) 40 CFR 52.229(b)(2)(iii)	7/6/1982 9/28/1981 10/3/1984 1/24/1985 2/2/1989	47 FR 29231 46 FR 47451 49 FR 39057 50 FR 3339 54 FR 5236
SB	1113	Architectural Coatings	SBC							
MD	1113	Architectural Coatings	SBC							
MD	1113	Architectural Coatings	MD	4/23/2012	2/24/2003 (SIP Sub)	4/1/2003	LA/LD	40 CFR 52.220(c)(315)(i)(C)(1)	1/2/2004	69 FR 34
MD	1114	Wood Products Coating Operations	MD	11/25/1996	Current	3/31/1995 3/3/1997	App App	40 CFR 52.220(c)(216)(i)(A)(4) 40 CFR 52.220(c)(244)(i)(C)	4/30/1996 8/18/1998	61 FR 18962 63 FR 44132
SB	1115	Metal Parts & Products Coating Operations	MD			6/19/1992				
MD	1115	Metal Parts & Products Coating Operations		4/22/1996	Current	6/23/1996	App	40 CFR 52.220(c)(239)(i)(A)(2)	12/23/1997 2/23/1998	62 FR 67002
MD	1200	General (Federal Operating Permit)	MD	2/28/2011						
MD	1201	Definitions (Federal Operating Permit)	MD	9/26/2005						
MD	1202	Applications	MD	9/26/2005						
MD	1203	Federal Operating Permits (Federal Operating Permit)	MD	9/26/2005						

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SC	1303	Applicability and Analysis	MD				4/3/1980	CA	40 CFR 52.220(c)(68)(i) 40 CFR 52.220(c)(87)(v)(A)	1/21/1981 6/9/1982	46 FR 5965 47 FR 25013
							<u>11/21/1986</u> 3/26/1990 <u>1/28/1992</u>				
SB	1303	Applicability and Analysis					9/5/1980	CA	40 CFR 52.220(c)(87)(iv)(A)	6/9/1982	47 FR 25013
MD	1303	Requirements					7/23/1996	U App	40 CFR 52.232(a)(13)(i)(A) 40 CFR 52.220(c)(239)(i)(A)(1)	6/9/1982 11/13/1996	47 FR 25013 61 FR 58133
							3/25/1996 (SIP Sub)				
SC	1304	Exemption from Regulation XIII	MD				4/3/1980	CA	40 CFR 52.220(c)(68)(i)	1/21/1981	46 FR 5965
								CA	40 CFR 52.220(c)(87)(v)(A)	6/9/1982	47 FR 25013
										<u>6/4/1986</u> <u>11/21/1986</u> <u>1/28/1992</u>	
SB	1304	Exemptions from Regulation XIII					9/8/1980	CA	40 CFR 52.220(c)(87)(iv)(A)	6/9/1982	47 FR 25013
MD	1304	Emissions Calculations					7/23/1996	U App	40 CFR 52.232(a)(13)(i)(A) 40 CFR 52.220(c)(239)(i)(A)(1)	6/9/1982 11/13/1996	47 FR 25013 61 FR 58133
							3/25/1996 (SIP Sub)				
SC	1305	Special Permit Provisions	MD				4/3/1980	CA	40 CFR 52.220(c)(68)(i)	1/21/1981	46 FR 5965
								CA	40 CFR 52.220(c)(87)(v)(A)	6/9/1982	47 FR 25013
SB	1305	Special Permit Provisions					7/10/1984	App	40 CFR 52.220(c)(155)(iv)(B)	1/29/1989	50 FR 3906
MD	1305	Emissions Offsets					9/5/1980	CA	40 CFR 52.220(c)(87)(iv)(A)	6/9/1982	47 FR 25013
							7/23/1996	U App	40 CFR 52.220(a)(13)(i)(A) 40 CFR 52.220(c)(239)(i)(A)(1)	6/9/1982 11/13/1996	47 FR 25013 61 FR 58133
							3/25/1996 (SIP Sub)				
SC	1306	Emission Calculations	MD				4/3/1980	CA	40 CFR 52.220(c)(68)(i)	1/21/1981	46 FR 5965
								D	40 CFR 52.220(c)(87)(v)(A)	6/9/1982	47 FR 25013
							N/A		40 CFR 52.220(a)(2)(i)	1/21/1981	46 FR 5965
							<u>6/4/1986</u> <u>11/21/1986</u> <u>1/28/1992</u>				
SB	1306	Emissions Calculations					9/5/1980	CA	40 CFR 52.220(c)(87)(iv)(A)		47 FR 25013
MD	1306	Electric Energy Generating Facilities					7/23/1996	App	40 CFR 52.220(a)(13)(i)(A) 40 CFR 52.220(c)(239)(i)(A)(1)	6/9/1982 11/13/1996	47 FR 25013 61 FR 58133
							3/25/1996 (SIP Sub)				

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SC	1307	Emissions Offsets	MD			4/3/1980	CA	40 CFR 52.220(c)(68)(i) 40 CFR 52.220(c)(87)(v)(A) 40 CFR 52.220(a)(3)(iii) 40 CFR 52.220(c)(87)(w)(A) 40 CFR 52.232(a)(13)(i)(A) 40 CFR 52.220(c)(239)(i)(A)(1)	1/21/1981 6/9/1982 1/21/1981 6/9/1982 6/9/1982 11/13/1996	46 FR 5965 47 FR 25013 46 FR 5965 47 FR 25013 47 FR 25013 61 FR 58133
MD	1307	Rescinded 3/25/96		None	Not SIP	7/23/1996	Del			
SC	1308	Eligibility of Emissions Offsets	MD			8/15/1980	CA	40 CFR 52.220(c)(70)(i)(A) 40 CFR 52.220(c)(87)(v)(A)	1/21/1981 6/9/1982	46 FR 5965 47 FR 25013
SB	1308	Eligibility of Emission Offsets				9/5/1980	CA	40 CFR 52.220(c)(87)(w)(A) 40 CFR 52.232(a)(13)(i)(A)	6/9/1982 6/9/1982	47 FR 25013 47 FR 25013
MD	1308	Rescinded 3/25/96		None	Not SIP	7/23/1996	Del			
SC	1310	Analysis, Notice and Reporting	MD		Not SIP	4/3/1980	CA	40 CFR 52.220(c)(68)(i)	1/21/1981	46 FR 5965
SB	1310	Analysis, Notice and Reporting				9/5/1980	CA	40 CFR 52.220(c)(87)(v)(A) 40 CFR 52.220(c)(87)(w)(A)	6/9/1982 6/9/1982	47 FR 25013 47 FR 25013
MD	1310	Rescinded 3/25/96				7/23/1996	U	40 CFR 52.232(a)(13)(i)(A)	6/9/1982	47 FR 25013
MD	1310	Federal Major Facilities and Federal Major Modifications		8/28/2006	(SIP Sub)		Del	40 CFR 52.220(c)(239)(i)(A)(1)	11/13/1996	61 FR 58133
SC	1311	Power Plants	MD			4/3/1980	CA	40 CFR 52.220(c)(68)(i)	1/21/1981	46 FR 5965
SB	1311	Electric Energy Generating Facilities				9/5/1980	CA	40 CFR 52.220(c)(87)(w)(A)	6/9/1982	47 FR 25013
MD	1311	Rescinded 3/25/96				7/23/1996	U	40 CFR 52.232(a)(13)(i)(A)	6/9/1982	47 FR 25013
SC	1313	Permits to Operate	MD		Not SIP	4/3/1980	CA	40 CFR 52.220(c)(68)(i)	1/21/1981	46 FR 5965
SB	1313	Permits to Operate				9/5/1980	CA	40 CFR 52.220(c)(87)(v)(A) 40 CFR 52.220(c)(87)(w)(A)	6/9/1982 6/9/1982	47 FR 25013 47 FR 25013
MD	1313	rescinded 3/25/96		None	Not SIP	7/23/1996	U	40 CFR 52.232(a)(13)(i)(A)	6/9/1982	47 FR 25013
MD	1320	New Source Review for Toxic Air Contaminants	MD		Not SIP	8/28/2006	Del	40 CFR 52.220(c)(239)(i)(A)(1)	11/13/1996	61 FR 58133