Bay Area Air Quality Management District

375 Beale Street, Suite 600
San Francisco, CA 94105
(415) 771-6000

Final

MAJOR FACILITY REVIEW PERMIT

Issued To:

Guadalupe Rubbish Disposal Company, Inc.
Facility #A3294

Facility Address:
15999 Guadalupe Mines Road
San Jose, CA 95120

Mailing Address:
PO Box 20957
San Jose, CA 95160

Responsible Official
John Doyle, District Manager
(408) 502-1606

Facility Contact
John Doyle, District Manager
(408) 502-1606

Type of Facility: Municipal Solid Waste Landfill
Primary SIC: 4953

Product: Landfill Operations

BAAQMD Permit Division Contact:
Ryan Atterbury, Senior Air Quality Engineer

ISSUED BY THE BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Pamela J. Leong

Digitally signed by Pamela J. Leong
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Date: 2026.05.12 17:43:14 -07'00'

Pamela J. Leong, Director of Engineering

May 12, 2026
Date

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I. STANDARD CONDITIONS

A. Administrative Requirements

The permit holder shall comply with all applicable requirements in the following regulations:
BAAQMD Regulation 1 - General Provisions and Definitions
(As amended by the District Board on 5/4/11);
SIP Regulation 1 - General Provisions and Definitions
(As approved by EPA through 6/28/99);
BAAQMD Regulation 2, Rule 1 - Permits, General Requirements
(As amended by the District Board on 4/18/12);
SIP Regulation 2, Rule 1 - Permits, General Requirements
(As approved by EPA through 1/26/99);
BAAQMD Regulation 2, Rule 2 - Permits, New Source Review
(As amended by the District Board on 6/15/05);
SIP Regulation 2, Rule 2 - Permits, New Source Review and Prevention of Significant Deterioration
(As approved by EPA through 1/26/99);
BAAQMD Regulation 2, Rule 4 - Permits, Emissions Banking
(As amended by the District Board on 12/19/12);
SIP Regulation 2, Rule 4 - Permits, Emissions Banking
(As approved by EPA through 1/26/99);
BAAQMD Regulation 2, Rule 5 – New Source Review of Toxic Air Contaminants
(as amended by the District Board on 1/6/10);
BAAQMD Regulation 2, Rule 6 - Permits, Major Facility Review
(As amended by the District Board on 4/16/03); and
SIP Regulation 2, Rule 6 – Permits, Major Facility Review
(as approved by EPA through 6/23/95)

B. Conditions to Implement Regulation 2, Rule 6, Major Facility Review

1. This Major Facility Review Permit was issued on December 20, 2013 and expires on December 19, 2018. The permit holder shall submit a complete application for renewal of this Major Facility Review Permit no later than June 19, 2018 and no earlier than December 19, 2017. **If a complete application for renewal has not been submitted in accordance with this deadline, the facility may not operate after** December 20, 2013**.** If the permit renewal has not been issued by December 19, 2018, but a complete application for renewal has been submitted in accordance with the above deadlines, the existing permit will continue in force until the District takes final action on the renewal application. (Regulation 2-6-307, 404.2, 407, & 409.6; MOP Volume II, Part 3, §4.2)

2. The permit holder shall comply with all conditions of this permit. The permit consists of this document and all appendices. Any non-compliance with the terms and conditions of this permit will constitute a violation of the law and will be grounds for enforcement action; permit termination, revocation and re-issuance, or modification; or denial of a permit renewal application. (Regulation 2-6-307; MOP Volume II, Part 3, §4.11)

3. In the event any enforcement action is brought as a result of a violation of any term or condition of this permit, the fact that it would have been necessary for the permittee to

I. Standard Conditions

halt or reduce the permitted activity in order to maintain compliance with such term or condition shall not be a defense to such enforcement action. (MOP Volume II, Part 3, §4.11)

4. This permit may be modified, revoked, reopened and reissued, or terminated for cause. (Regulation 2-6-307, 409.8, 415; MOP Volume II, Part 3, §4.11)
5. The filing of a request by the facility for a permit modification, revocation and re-issuance, or termination, or the filing of a notification of planned changes or anticipated non-compliance does not stay the applicability of any permit condition. (Regulation 2-6-409.7; MOP Volume II, Part 3, §4.11)
6. This permit does not convey any property rights of any sort, or any exclusive privilege. (Regulation 2-6-409.7; MOP Volume II, Part 3, §4.11)
7. The permit holder shall supply within 30 days any information that the District requests in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. (Regulation 1-441, Regulation 2-6-409.4 & 501; MOP Volume II, Part 3, §4.11)
8. Any records required to be maintained pursuant to this permit which the permittee considers to contain proprietary or trade secret information shall be prominently designated as such. Copies of any such proprietary or trade secret information which are provided to the District shall be maintained by the District in a locked confidential file, provided, however, that requests from the public for the review of any such information shall be handled in accordance with the District's procedures set forth in Section 11 of the District's Administrative Code. (Regulation 2-6-419; MOP Volume II, Part 3, §4.11)
9. Proprietary or trade secret information provided to EPA will be subject to the requirements of 40 CFR Part 2, Subpart B - Public Information, Confidentiality of Business Information. (40 CFR Part 2)
10. The emissions inventory submitted with the application for this Major Facility Review Permit is an estimate of actual emissions or the potential to emit for the time period stated and is included only as one means of determining applicable requirements for emission sources. It does not establish, or constitute a basis for establishing, any new emission limitations. (MOP Volume II, Part 3, §4.11)
11. The responsible official shall certify all documents submitted by the facility pursuant to the major facility review permit. The certification shall state that based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete. The certifications shall be signed by a responsible official for the facility. (Regulation 2-6-409.20, MOP Volume II, Part 3, §4.11)
12. The permit holder is responsible for compliance, and certification of compliance with all condition of the permit, regardless of whether it acts through employees, agents, contractors, or subcontractors. (Regulation 2-6-307)

C. Requirement to Pay Fees

The permit holder shall pay annual fees in accordance with District Regulation 3, including Schedule P. (Regulation 2-6-402 & 409.13, Regulation 3; MOP Volume II, Part 3, §4.12)

I. Standard Conditions

D. Inspection and Entry

Access to Facility: The permit holder shall provide reasonable access to the facility and equipment which is subject to this permit to the APCO and/or to his or her designee. (Regulation 1-440, Regulation 2-6-409.3; MOP Volume II, Part 3, §4.14)

E. Records

1. The permit holder must provide any information, records, and reports requested or specified by the APCO. (Regulation 1-441, Regulation 2-6-409.4)

2. Notwithstanding the specific wording in any requirement, all records for federally enforceable requirements shall be maintained for at least five years from the date of creation of the record. (Regulation 2-6-501, MOP Volume II, Part 3, §4.7)

F. Monitoring Reports

Reports of all required monitoring must be submitted to the District at least once every six months, except where an applicable requirement specifies more frequent reporting. Reports shall be for the following periods: April 1st through September 30th and October 1st through March 31st, and are due on the last day of the month after the end of the reporting period. All instances of non-compliance shall be clearly identified in these reports. The reports shall be certified by the responsible official as true, accurate, and complete. In addition, all instances of non-compliance with the permit shall be reported in writing to the District's Compliance and Enforcement Division within 10 calendar days of the discovery of the incident. Within 30 calendar days of the discovery of any incident of non-compliance, the facility shall submit a written report including the probable cause of non-compliance and any corrective or preventative actions. The reports shall be sent by e-mail to compliance@baaqmd.gov or by postal mail to the following address:

Director of Compliance and Enforcement
Bay Area Air Quality Management District
375 Beale Street, Suite 600
San Francisco, CA 94105
Attn: Title V Reports

(Regulation 2-6-502, MOP Volume II, Part 3, §4.7)

G. Compliance Certification

Compliance certifications shall be submitted annually by the responsible official of this facility to the Bay Area Air Quality Management District and to the Environmental Protection Agency. The certification period will be October 1st through September 30th. The certification shall be submitted by October 31st of each year. The certification must list each applicable requirement, the compliance status, whether compliance was continuous or intermittent, the method used to determine compliance, and any other specific information required by the permit. The certification should be directed to the District's Compliance and Enforcement Division at the address above, and a copy of the certification should be sent by

I. Standard Conditions

e-mail to r9.aeo@epa.gov or postal mail to the Environmental Protection Agency at the following address:

Director
Enforcement Division, TRI & Air Section (ENF-2-1)
USEPA, Region 9
75 Hawthorne Street
San Francisco, CA 94105

(MOP Volume II, Part 3, §4.5 and 4.15)

H. Emergency Provisions

1. The permit holder may seek relief from enforcement action in the event of a breakdown, as defined by Regulation 1-208 of the District's Rules and Regulations, by following the procedures contained in Regulations 1-431 and 1-432. The District will thereafter determine whether breakdown relief will be granted in accordance with Regulation 1-433. (MOP Volume II, Part 3, §4.8)
2. The permit holder may seek relief from enforcement action for a violation of any of the terms and conditions of this permit by applying to the District's Hearing Board for a variance pursuant to Health and Safety Code Section 42350. The Hearing Board will determine after notice and hearing whether variance relief should be granted in accordance with the procedures and standards set forth in Health and Safety Code Section 42350 et seq. (MOP Volume II, Part 3, §4.8)
3. The granting by the District of breakdown relief or the issuance by the Hearing Board of a variance will not provide relief from federal enforcement. (MOP Volume II, Part 3, §4.8)

I. Severability

In the event that any provision of this permit is invalidated by a court or tribunal of competent jurisdiction, or by the Administrator of the EPA, all remaining portions of the permit shall remain in full force and effect. (Regulation 2-6-409.5; MOP Volume II, Part 3, §4.10)

J. Miscellaneous Conditions

The maximum capacity for each source as shown in Table II-A is the maximum allowable capacity. Exceedance of the maximum allowable capacity for any source is a violation of Regulation 2, Rule 1, Section 301. (Regulation 2-1-301)

II. EQUIPMENT

A. Permitted Source List

Each of the following sources has been issued a permit to operate pursuant to the requirements of BAAQMD Regulation 2, Permits. The capacities in this table are the maximum allowable capacities for each source, pursuant to Standard Condition I.J and Regulation 2-1-301.

Table II – A
Permitted Sources

S-#	Description	Make or Type	Model	Capacity
S-5	Wood Debris Stockpiles	N/A	N/A	200 tons per hour
S-6	Shredded Wood Storage Stockpiles and Loadout	N/A	N/A	200 tons per hour
S-9	Guadalupe Landfill: Waste Decomposition Process, equipped with Gas Collection System	Active Municipal Solid Waste Disposal Site with Active Gas Collection System	N/A	Max. Design Capacity = 23.43 E6 yd3 Max. Waste In Place = 16.40 E6 tons Max. Waste Acceptance Rate = 3,650 tons/day (except for temporary situations approved by the LEA) Vertical Wells = 62 Horizontal Collectors = 3
S-18	Materials Recovery Operation – Debris Sorting System	Various	N/A	900 tons per day
S-24	Construction and Demolition Debris Stockpile	N/A	N/A	200,000 tons/year and 2,500 tons/day, maximum
S-31	Guadalupe Landfill: Waste and Cover Material Dumping	N/A	N/A	Maximum Waste Acceptance Rate = 3,650 tons/day
S-32	Guadalupe Landfill: Excavating, Bulldozing, and Compacting	N/A	N/A	Maximum Waste Acceptance Rate = 3,650 tons/day

II. Equipment

B. Abatement Device List

Table II – B
Abatement Devices

A-#	Description	Source(s) Controlled	Applicable Requirement	Operating Parameters	Limit or Efficiency
A-5	Water Spray- Variable Delivery	S-5	BAAQMD Regulation 6-301	None	No Greater Than Ringelmann No. 1, for 3 minutes in any hour
A-6	Water Spray- Variable Delivery	S-6	BAAQMD Regulation 6-301	None	No Greater Than Ringelmann No. 1, for 3 minutes in any hour
A-9	Enclosed Landfill Gas Flare (2,000 scfm landfill gas, approximately 70 MMBTU/hr)	S-9	BAAQMD Regulation 8-34-301.3, see also Table IV-A	Minimum combustion zone temperature of 1400 °F see also Table VII-A	Either $\geq$ 98% destruction of NMOC or < 30 ppmv NMOC (as CH_4 at 3% O_2, dry)

III. GENERALLY APPLICABLE REQUIREMENTS

The permit holder shall comply with all applicable requirements, including those specified in the BAAQMD and SIP Rules and Regulations and other federal requirements cited below. These requirements apply in a general manner to the facility and/or to sources exempt from the requirement to obtain a District Permit to Operate. The District has determined that these requirements will not be violated under normal, routine operations, and that no additional periodic monitoring or reporting to demonstrate compliance is warranted. In cases where a requirement, in addition to being generally applicable, is also specifically applicable to one or more sources, the requirement and the source are also included in Section IV, Source-Specific Applicable Requirements, of this permit. This section also contains provisions that may apply to temporary sources.

The dates in parentheses in the Title column identify the versions of the regulations being cited and are, as applicable:

1. BAAQMD regulation(s): The date(s) of adoption or most recent amendment of the regulation by the District Board of Directors.
2. Any federal requirement, including a version of a District regulation that has been approved into the SIP: The most recent date of EPA approval of any portion of the rule, encompassing all actions on the rule through that date

The full language of the SIP requirements is posted on the EPA Region 9 website. The address is:
http://yosemite.epa.gov/r9/r9sips.nsf/Agency?ReadForm&count=500&state=California&cat=Bay+Area+Air+Quality+Management+District-Agency-Wide+Provisions.

NOTE:

There are differences between the current BAAQMD rules and the version of the rules in the SIP. All sources must comply with both versions of the rule until US EPA has reviewed and approved the District's revision of the regulation.

Table III
Generally Applicable Requirements

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)
BAAQMD Regulation 1	General Provisions and Definitions (5/4/11)	N
SIP Regulation 1	General Provisions and Definitions (6/28/99)	Y
BAAQMD Regulation 2, Rule 1	Permits – General Requirements (4/18/12)	N
BAAQMD 2-1-429	Permits – General Requirements: Federal Emissions Statement (12/21/04)	N
SIP Regulation 2, Rule 1	Permits – General Requirements (1/26/99)	Y
SIP Regulation 2-1-429	Permits – General Requirements: Federal Emissions Statement (4/3/95)	Y

III. Generally Applicable Requirements

Table III
Generally Applicable Requirements

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)
BAAQMD Regulation 2, Rule 5	Permits – New Source Review of Toxic Air Contaminants (1/6/10)	N
BAAQMD Regulation 4	Air Pollution Episode Plan (3/20/91)	N
SIP Regulation 4	Air Pollution Episode Plan (8/06/90)	Y
BAAQMD Regulation 5	Open Burning (7/9/08)	N
SIP Regulation 5	Open Burning (9/4/98)	Y
BAAQMD Regulation 6, Rule 1	Particulate Matter – General Requirements (12/5/07)	N
SIP Regulation 6	Particulate Matter and Visible Emissions (9/4/98)	Y
BAAQMD Regulation 7	Odorous Substances (3/17/82)	N
BAAQMD Regulation 8, Rule 1	Organic Compounds – General Provisions (6/15/94)	Y
BAAQMD Regulation 8, Rule 2	Organic Compounds – Miscellaneous Operations (7/20/05)	N
SIP Regulation 8, Rule 2	Organic Compounds – Miscellaneous Operations (3/22/95)	Y
BAAQMD Regulation 8, Rule 3	Organic Compounds – Architectural Coatings (7/1/09)	N
SIP Regulation 8, Rule 3	Organic Compounds – Architectural Coatings (1/2/04)	Y
BAAQMD Regulation 8, Rule 4	Organic Compounds – General Solvent and Surface Coating Operations (10/16/02)	Y
BAAQMD Regulation 8, Rule 5	Organic Compounds – Storage of Organic Liquids (10/18/06)	N
SIP Regulation 8, Rule 5	Organic Compounds – Storage of Organic Liquids (6/5/03)	Y
BAAQMD Regulation 8, Rule 15	Organic Compounds – Emulsified and Liquid Asphalts (6/1/94)	Y
BAAQMD Regulation 8, Rule 16	Organic Compounds – Solvent Cleaning Operations (10/16/02)	Y
BAAQMD Regulation 8, Rule 40	Organic Compounds – Aeration of Contaminated Soil and Removal of Underground Storage Tanks (6/15/05)	N
SIP Regulation 8, Rule 40	Organic Compounds – Aeration of Contaminated Soil and Removal of Underground Storage Tanks (4/19/01)	Y
BAAQMD Regulation 8, Rule 47	Organic Compounds – Air Stripping and Soil Vapor Extraction Operations (6/15/05)	N
SIP Regulation 8, Rule 47	Organic Compounds – Air Stripping and Soil Vapor Extraction Operations (4/26/95)	Y
BAAQMD Regulation 8, Rule 49	Organic Compounds – Aerosol Paint Products (12/20/95)	N
SIP Regulation 8, Rule 49	Organic Compounds – Aerosol Paint Products (3/22/95)	Y

III. Generally Applicable Requirements

Table III
Generally Applicable Requirements

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)
BAAQMD Regulation 8, Rule 51	Organic Compounds – Adhesive and Sealant Products (7/17/02)	N
SIP Regulation 8, Rule 51	Organic Compounds – Adhesive and Sealant Products (2/26/02)	Y
BAAQMD Regulation 9, Rule 1	Inorganic Gaseous Pollutants – Sulfur Dioxide (3/15/95)	N
SIP Regulation 9, Rule 1	Inorganic Gaseous Pollutants – Sulfur Dioxide (6/8/99)	Y
BAAQMD Regulation 9, Rule 2	Inorganic Gaseous Pollutants – Hydrogen Sulfide (10/6/99)	N
BAAQMD Regulation 11, Rule 1	Hazardous Pollutants – Lead (3/17/82)	N
SIP Regulation 11, Rule 1	Hazardous Pollutants – Lead (9/2/81)	Y
BAAQMD Regulation 11, Rule 2	Hazardous Pollutants – Asbestos Demolition, Renovation and Manufacturing (10/7/98)	N
BAAQMD Regulation 11, Rule 14	Hazardous Pollutants – Asbestos Containing Serpentine (7/17/91)	N
BAAQMD Regulation 12, Rule 4	Miscellaneous Standards of Performance – Sandblasting (7/11/90)	N
SIP Regulation 12, Rule 4	Miscellaneous Standards of Performance – Sandblasting (9/2/81)	Y
California Health and Safety Code Section 41750 et seq.	Portable Equipment	N
California Health and Safety Code Section 44300 et seq.	Air Toxics “Hot Spots” Information and Assessment Act of 1987	N
California Code of Regulations Title 17, Section 93105	Asbestos Airborne Toxic Control Measure for Construction, Grading, Quarrying, and Surface Mining Operations (7/26/01)	N
California Code of Regulations Title 17, Section 93106	Asbestos Airborne Toxic Control Measure for Asbestos-Containing Serpentine (7/20/00)	N
California Code of Regulations Title 17, Section 93116	Airborne Toxic Control Measure for Diesel Particulate Matter from Portable Engines Rated at 50 Horsepower and Greater (2/19/11)	N
40 CFR Part 61, Subpart A	National Emission Standards for Hazardous Air Pollutants – General Provisions (9/13/10)	Y
40 CFR Part 61, Subpart M	National Emission Standards for Hazardous Air Pollutants – National Emission Standard for Asbestos (7/20/04)	Y

IV. SOURCE-SPECIFIC APPLICABLE REQUIREMENTS

The permit holder shall comply with all applicable requirements, including those specified in the BAAQMD and SIP Rules and Regulations and other federal requirements cited below. The requirements cited in the following tables apply in a specific manner to the indicated source(s).

The dates in parentheses in the Title column identify the versions of the regulations being cited and are, as applicable:

1. BAAQMD regulation(s): The date(s) of adoption or most recent amendment of the regulation by the District Board of Directors.
2. Any federal requirement, including a version of a District regulation that has been approved into the SIP: The most recent date of EPA approval of any portion of the rule, encompassing all actions on the rule through that date.

The full text of each permit condition cited is included in Section VI, Permit Conditions, of this permit. The full language of the SIP requirements is posted on the EPA Region 9 website. The address is:

http://yosemite.epa.gov/r9/r9sips.nsf/Agency?ReadForm&count=500&state=California&cat=Bay+Area+Air+Quality+Management+District-Agency-Wide+Provisions.

All other text may be found in the regulations themselves.

IV. Source-Specific Applicable Requirements

Table IV - A
Source-Specific Applicable Requirements
S-5 WOOD DEBRIS STOCKPILE AND A-5 WATER SPRAY

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Regulation 6, Rule 1	**Particulate Matter – General Requirements (12/5/07)**		
6-1-301	Ringelmann No. 1 Limitation	N	
6-1-305	Visible Particles	N	
6-1-401	Appearance of Emissions	N	
SIP Regulation 6	**Particulate Matter and Visible Emissions (9/4/98)**		
6-301	Ringelmann No. 1 Limitation	Y	
6-305	Visible Particles	Y	
6-401	Appearance of Emissions	Y	
BAAQMD Condition #7649			
Part 1	Hours of Operation (Cumulative Increase)	Y	
Part 2	Records of Operating Hours (Cumulative Increase)	Y	
Part 3	Requirement for Abatement (Regulation 2-1-403)	Y	
Part 4	Observation of Emissions Source (Regulations 2-1-403, 6-301, and 6-305)	Y	

IV. Source-Specific Applicable Requirements

Table IV - B
Source-Specific Applicable Requirements
S-6 Shredded Wood Storage Stockpiles and Loadout and A-6 Water Spray

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Regulation 6, Rule 1	**Particulate Matter – General Requirements (12/5/07)**		
6-1-301	Ringelmann No. 1 Limitation	N	
6-1-305	Visible Particles	N	
6-1-401	Appearance of Emissions	N	
SIP Regulation 6	**Particulate Matter and Visible Emissions (9/4/98)**		
6-301	Ringelmann No. 1 Limitation	Y	
6-305	Visible Particles	Y	
6-401	Appearance of Emissions	Y	
BAAQMD Condition #7650			
Part 1	Hours of Operation (Cumulative Increase)	Y	
Part 2	Records of Operating Hours (Cumulative Increase)	Y	
Part 3	Requirement for Abatement (Regulation 2-1-403)	Y	
Part 4	Observation of Emissions Source (Regulations 2-1-403, 6-301, and 6-305)	Y	

IV. Source-Specific Applicable Requirements

Table IV – C
Source-Specific Applicable Requirements
S-9 GUADALUPE LANDFILL – WASTE DECOMPOSITION PROCESS, EQUIPPED WITH GAS COLLECTION SYSTEM; ABATED BY A-9 LANDFILL GAS FLARE; S-31 GUADALUPE LANDFILL – WASTE AND COVER MATERIAL DUMPING; AND S-32 GUADALUPE LANDFILL – EXCAVATING, BULLDOZING, AND COMPACTING

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Regulation 1	**General Provisions and Definitions (5/4/11)**		
1-523	Parametric Monitoring and Recordkeeping Procedures	N	
1-523.1	Parametric monitor periods of inoperation	Y	
1-523.2	Limit on duration of inoperation	Y	
1-523.3	Reporting requirement for violations of any applicable limits	N	
1-523.4	Records of inoperation, tests, calibrations, adjustments, & maintenance	Y	
1-523.5	Maintenance and calibration	N	
SIP Regulation 1	**General Provisions and Definitions (6/28/99)**		
1-523	Parametric Monitoring and Recordkeeping Procedures	Y	
1-523.3	Reports of Violations	Y	
1-523.5	Maintenance and calibration	Y	
BAAQMD Regulation 6, Rule 1	**Particulate Matter – General Requirements (12/5/07)**		
6-1-301	Ringelmann No. 1 Limitation	N	
6-1-305	Visible Particles	N	
6-1-310	Particle Weight Limitation (applies to A-2 Flare only)	N	
6-1-401	Appearance of Emissions	N	
SIP Regulation 6	**Particulate Matter and Visible Emissions (9/4/98)**		
6-301	Ringelmann No. 1 Limitation	Y	
6-305	Visible Particles	Y	
6-310	Particle Weight Limitation (applies to A-9 only)	Y	
6-401	Appearance of Emissions	Y	
BAAQMD Regulation 8, Rule 2	**Organic Compounds – Miscellaneous Operations (7/20/05)**		
8-2-301	Miscellaneous Operations (applies to VOC-laden soil handling and disposal activities only)	Y	

IV. Source-Specific Applicable Requirements

Table IV – C
Source-Specific Applicable Requirements
S-9 Guadalupe Landfill – Waste Decomposition Process, Equipped with Gas Collection System; abated by A-9 Landfill Gas Flare; S-31 Guadalupe Landfill – Waste and Cover Material Dumping; and S-32 Guadalupe Landfill – Excavating, Bulldozing, and Compacting

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Regulation 8, Rule 34	**Organic Compounds – Solid Waste Disposal Sites (6/15/05)**		
8-34-113	Limited Exemption, Inspection and Maintenance	Y	
8-34-113.1	Emission Minimization Requirement	Y	
8-34-113.2	Shutdown Time Limitation	Y	
8-34-113.3	Recordkeeping Requirement	Y	
8-34-116	Limited Exemption, Well Raising	Y	
8-34-116.1	New Fill	Y	
8-34-116.2	Limits on Number of Wells Shutdown	Y	
8-34-116.3	Shutdown Duration Limit	Y	
8-34-116.4	Capping Well Extensions	Y	
8-34-116.5	Well Disconnection Records	Y	
8-34-117	Limited Exemption, Gas Collection System Components	Y	
8-34-117.1	Necessity of Existing Component Repairs/Adjustments	Y	
8-34-117.2	New Components are Described in Collection and Control System Design Plan	Y	
8-34-117.3	Meets Section 8-34-118 Requirements	Y	
8-34-117.4	Limits on Number of Wells Shutdown	Y	
8-34-117.5	Shutdown Duration Limit	Y	
8-34-117.6	Well Disconnection Records	Y	
8-34-118	Limited Exemption, Construction Activities	Y	
8-34-118.1	Construction Plan	Y	
8-34-118.2	Activity is Required to Maintain Compliance with this Rule	Y	
8-34-118.3	Required or Approved by Other Enforcement Agencies	Y	
8-34-118.4	Emission Minimization Requirement	Y	
8-34-118.5	Excavated Refuse Requirements	Y	
8-34-118.6	Covering Requirements for Exposed Refuse	Y	
8-34-118.7	Installation Time Limit	Y	
8-34-118.8	Capping Required for New Components	Y	
8-34-118.9	Construction Activity Records	Y	

IV. Source-Specific Applicable Requirements

Table IV – C
Source-Specific Applicable Requirements
S-9 GUADALUPE LANDFILL – WASTE DECOMPOSITION PROCESS, EQUIPPED WITH GAS COLLECTION SYSTEM; ABATED BY A-9 LANDFILL GAS FLARE; S-31 GUADALUPE LANDFILL – WASTE AND COVER MATERIAL DUMPING; AND S-32 GUADALUPE LANDFILL – EXCAVATING, BULLDOZING, AND COMPACTING

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
8-34-301	Landfill Gas Collection and Emission Control System Requirements	Y	
8-34-301.1	Continuous Operation	Y	
8-34-301.2	Collection and Control Systems Leak Limitations	Y	
8-34-301.3	Limits for Enclosed Flares (applies to A-9 only)	Y	
8-34-303	Landfill Surface Requirements	Y	
8-34-304	Gas Collection System Installation Requirements	Y	
8-34-304.1	Based on Waste Age For Inactive or Closed Areas	Y	
8-34-304.2	Based on Waste Age For Active Areas	Y	
8-34-304.3	Based on Amount of Decomposable Waste Accepted	Y	
8-34-304.4	Based on NMOC Emission Rate	Y	
8-34-305	Wellhead Requirements	Y	
8-34-305.1	Operate Under Vacuum	Y	
8-34-305.2	Temperature < 55 °C	Y	
8-34-305.3	Nitrogen < 20% or	Y	
8-34-305.4	Oxygen < 5%	Y	
8-34-405	Design Capacity Reports (If Design Capacity is Amended)	Y	
8-34-408	Collection and Control System Design Plans	Y	
8-34-408.1	Sites With NMOC Emission Rate > 50 Mg/year	Y	
8-34-408.2	Sites With Existing Collection and Control Systems	Y	
8-34-411	Annual Report	Y	
8-34-412	Compliance Demonstration Tests	Y	
8-34-413	Performance Test Report	Y	
8-34-414	Repair Schedule for Wellhead Excesses	Y	
8-34-414.1	Records of Excesses	Y	
8-34-414.2	Corrective Action	Y	
8-34-414.3	Collection System Expansion	Y	
8-34-414.4	Operational Due Date for Expansion	Y	
8-34-415	Repair Schedule for Surface Leak Excesses	Y	
8-34-415.1	Records of Excesses	Y	
8-34-415.2	Corrective Action	Y	
8-34-415.3	Re-monitor Excess Location Within 10 Days	Y	

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Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
8-34-415.4	Re-monitor Excess Location Within 1 Month	Y	
8-34-415.5	If No More Excesses, No Further Re-Monitoring	Y	
8-34-415.6	Additional Corrective Action	Y	
8-34-415.7	Re-monitor Second Excess Within 10 days	Y	
8-34-415.8	Re-monitor Second Excess Within 1 Month	Y	
8-34-415.9	If No More Excesses, No Further Re-monitoring	Y	
8-34-415.10	Collection System Expansion for Third Excess in a Quarter	Y	
8-34-415.11	Operational Due Date for Expansion	Y	
8-34-416	Cover Repairs	Y	
8-34-501	Operating Records	Y	
8-34-501.1	Collection System Downtime	Y	
8-34-501.2	Emission Control System Downtime	Y	
8-34-501.3	Continuous Temperature Records for Enclosed Combustors (applies to A-9 Flare)	Y	
8-34-501.4	Testing	Y	
8-34-501.6	Leak Discovery and Repair Records	Y	
8-34-501.7	Waste Acceptance Records	Y	
8-34-501.8	Non-decomposable Waste Records	Y	
8-34-501.9	Wellhead Excesses and Repair Records	Y	
8-34-501.10	Gas Flow Rate Records for All Emission Control Systems	Y	
8-34-501.12	Records Retention for 5 Years	Y	
8-34-503	Landfill Gas Collection and Emission Control System Leak Testing	Y	
8-34-504	Portable Hydrocarbon Detector	Y	
8-34-505	Well Head Monitoring	Y	
8-34-506	Landfill Surface Monitoring	Y	
8-34-508	Gas Flow Meter	Y	
8-34-510	Cover Integrity Monitoring	Y	
BAAQMD Regulation 8, Rule 40	**Organic Compounds – Aeration of Contaminated Soil and Removal of Underground Storage Tanks (6/15/05)**		
8-40-110	Exemption, Storage Pile	Y	

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Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
8-40-112	Exemption, Sampling	Y	
8-40-113	Exemption, Non-Volatile Hydrocarbons	Y	
8-40-116	Exemption, Small Volume	Y	
8-40-116.1	Volume does not exceed 1 cubic yard	Y	
8-40-116.2	Volume does not exceed 8 cubic yards, organic content does not exceed 500 ppmw, may be used only once per quarter	Y	
8-40-117	Exemption, Accidental Spills	Y	
8-40-118	Exemption, Aeration Projects of Limited Impact	Y	
8-40-301	Uncontrolled Contaminated Soil Aeration	Y	
8-40-304	Active Storage Piles	Y	
8-40-305	Inactive Storage Piles	Y	
BAAQMD Regulation 9, Rule 1	**Inorganic Gaseous Pollutants – Sulfur Dioxide (3/15/95)**		
9-1-301	Limitations on Ground Level Concentrations (applies to A-9 flare only)	Y	
9-1-302	General Emission Limitations (applies to A-9 flare only)	Y	
BAAQMD Regulation 9, Rule 2	**Inorganic Gaseous Pollutants – Hydrogen Sulfide (10/6/99)**		
9-2-301	Limitations on Hydrogen Sulfide	N	
40 CFR Part 60, Subpart A	**Standards of Performance for New Stationary Sources – General Provisions (9/13/10)**		
60.4	Address	Y	
60.4(b)	Requires Submission of Requests, Reports, Applications, and Other Correspondence to the Administrator	Y	
60.7	Notification and Record Keeping	Y	
60.8	Performance Tests	Y	
60.11	Compliance with Standards and Maintenance Requirements	Y	
60.11(a)	Compliance determined by performance tests	Y	
60.11(d)	Good air pollution control practice	Y	
60.12	Circumvention	Y	

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Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
60.13	Monitoring Requirements	Y	
60.13(a)	Applies to all continuous monitoring systems	Y	
60.13(b)	Monitors shall be installed and operation before performing performance tests	Y	
60.13(e)	Continuous monitors shall operate continuously	Y	
60.13(f)	Monitors shall be installed in proper locations	Y	
60.13(g)	Requires multiple monitors for multiple stacks	Y	
60.14	Modification	Y	
60.15	Reconstruction	Y	
60.19	General Notification and Reporting Requirements	Y	
40 CFR Part 60, Subpart WWW	**Standards of Performance for New Stationary Sources – Standards of Performance for Municipal Solid Waste Landfills (9/21/06)**		
60.752	Standards for Air Emissions from Municipal Solid Waste Landfills	Y	
60.752(b)	Requirements for MSW Landfills with Design Capacity equal to or greater than 2.5 million Mg **and** 2.5 million m^3 (Large Designated Facilities)	Y	
60.752(b)(2)	Comply with all requirements in sections (b)(2)(i through iv)	Y	
60.752 (b)(2)(i)	Submit a Collection and Control System Design Plan	Y	
60.752 (b)(2)(i)(A)	The collection and control system in the Design Plan shall comply with 60.752(b)(2)(ii)	Y	
60.752 (b)(2)(i)(B)	Design Plan shall include all proposed alternatives to 60.753 through 60.758	Y	
60.752 (b)(2)(i)(C)	Design Plan shall conform to 60.759 (active collection system) or demonstrate sufficiency of proposed alternatives	Y	
60.752 (b)(2)(ii)	Install a collection and control system	Y	
60.752 (b)(2)(iii)	Route collected gases to a control system.	Y	

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Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
60.752 (b)(2)(iii)(B)	NMOC Control Requirement for Enclosed Combustion Devices	Y	
60.752 (b)(2)(iv)	Operate in accordance with 60.753, 60.755, and 60.756	Y	
60.752(c)	Title V Operating Permit Requirements	Y	
60.752(c)(1)	Subject is June 10, 1996 for Landfills new or modified between May 30, 1991 and March 12, 1996	Y	
60.752(c)(2)	Subject date is 90 days after date of commenced construction or modification for newer landfills	Y	
60.753	Operational Standards for Collection and Control Systems	Y	
60.753(a)	Operate a Collection System in each area or cell in which:	Y	
60.753(a)(1)	Active Cell – solid waste in place for 5 years or more	Y	
60.753(a)(2)	Closed/Final Grade – solid waste in place for 2 years or more	Y	
60.753(b)	Operate each wellhead under negative pressure unless:	Y	
60.753(b)(1)	Fire or increased well temperature or to prevent fire	Y	
60.753(b)(2)	Use of geomembrane or synthetic cover (subject to alternative pressure limits)	Y	
60.753(b)(3)	Decommissioned well after approval received for shut-down	Y	
60.753(c)	Operate each wellhead at < 55 °C, and either < 20% N_2 or < than 5% O_2 (or other approved alternative levels)	Y	
60.753(c)(1)	N_2 determined by Method 3C	Y	
60.753(c)(2)	O_2 determined by 3A and as described in (2)(i-v)	Y	
60.753(d)	Surface Leak Limit is less than 500 ppm methane above background at landfill surface. This section also describes some surface monitoring procedures.	Y	
60.753(e)	Vent all collected gases to a control system complying with 60.752(b)(2)(iii). If collection or control system inoperable, shut down gas mover and close all vents within 1 hour	Y	
60.753(f)	Operate the control system at all times when collected gas is routed to the control system	Y	
60.753(g)	If monitoring demonstrates that 60.753(b), (c), or (d) are not being met, corrective action must be taken	Y	

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Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
60.754	Test Methods and Procedures	Y	
60.754(a)	NMOC Calculation Procedures for NMOC Emission Rate Reports and Comparison to 50 Mg/Year Standard	Y	
60.654(a)(1)	Calculate NMOC Emission Rate using either or both of the equations in 60.754(a)(1)(i-ii) with the listed default values	Y	
60.754 (a)(1)(i)	Equation for known year-to-year waste acceptance rate	Y	
60.754 (a)(1)(ii)	Equation for unknown year-to-year waste acceptance rate	Y	
60.754(a)(2)	Tier 1 – compare calculated NMOC emission rate to 50 Mg/year	Y	
60.754 (a)(2)(ii)	If NMOC Emission Rate $\geq$ 50 Mg/year, comply with 60.752(b)(2) or determine a site specific NMOC concentration and follow 60.754(a)(3)	Y	
60.754(c)	For PSD, NMOC emissions shall be calculated using AP-42	Y	
60.754(d)	Test Methods for Performance Test (Method 18 or 25C)	Y	
60.755	Compliance Provisions	Y	
60.755(a)	For Gas Collection Systems	Y	
60.755(a)(1)	Calculation Procedures for Maximum Expected Gas Generation Flow Rate	Y	
60.755 (a)(1)(i)	Equation for unknown year-to-year waste acceptance rate	Y	
60.755 (a)(1)(ii)	Equation for known year-to-year waste acceptance rate	Y	
60.755 (a)(1)(iii)	For closed or inactive and full sites with gas collection systems, actual flow rates may be used	Y	
60.755(a)(2)	Vertical wells and horizontal collectors shall be of sufficient density to meet all performance specifications	Y	
60.755(a)(3)	Measure wellhead pressure monthly. If pressure is positive, take corrective action (final corrective action = expand system within 120 days of initial positive pressure reading)	Y	
60.755(a)(4)	Expansion not required during first 180 days after startup.	Y	

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Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
60.755(a)(5)	Monitor wellheads monthly for temperature and either nitrogen or oxygen. If readings exceed limits, take corrective action up to expanding system within 120 days of first excess.	Y	
60.755(b)	Wells shall be placed in cells as described in design plan and no later than 60 days after:	Y	
60.755(b)(1)	Five years after initial waste placement in cell, for active cells	Y	
60.755(b)(2)	Two years after initial waste placement in cell, for closed/final grade cells.	Y	
60.755(c)	Procedures for complying with surface methane standard	Y	
60.755(c)(1)	Quarterly monitoring of surface and perimeter	Y	
60.755(c)(2)	Procedure for determining background concentration	Y	
60.755(c)(3)	Method 21 except probe inlet placed 5-10 cm above ground	Y	
60.755(c)(4)	Excess is any reading of 500 ppmv or more. Take corrective action indicated below (i-v).	Y	
60.755 (c)(4)(i)	Mark and record location of excess	Y	
60.755 (c)(4)(ii)	Repair cover or adjust vacuum. Re-monitor within 10 calendar days.	Y	
60.755 (c)(4)(iii)	If still exceeding 500 ppmv, take additional corrective action. Re-monitor within 10 calendar days of 2nd excess.	Y	
60.755 (c)(4)(iv)	Re-monitor within 1 month of initial excess.	Y	
60.755 (c)(4)(v)	For any location with 3 monitored excesses in a quarter, additional collectors (or other approved collection system repairs) shall be operational within 120 days of 1st excess.	Y	
60.755(c)(5)	Monitor cover integrity monthly and repair as needed.	Y	
60.755(d)	Instrumentation and procedures for complying with 60.755(c).	Y	
60.755(d)(1)	Portable analyzer meeting Method 21	Y	
60.755(d)(2)	Calibrated with methane diluted to 500 ppmv in air	Y	
60.755(d)(3)	Use Method 21, Section 4.4 instrument evaluation procedures	Y	
60.755(d)(4)	Calibrate per Method 21, Section 4.2 immediately before monitoring.	Y	

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Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
60.755(e)	Provisions apply at all times except during startup, shutdown, or malfunction, provided the duration of these shall not exceed 5 days for collection systems or 1 hour for control systems.	Y	
60.756	Monitoring of Operations	Y	
60.756(a)	For active collection systems, install wellhead sampling port	Y	
60.756(a)(1)	Measure gauge pressure in wellhead on a monthly basis	Y	
60.756(a)(2)	Measure nitrogen or oxygen concentration in wellhead gas on a monthly basis.	Y	
60.756(a)(3)	Measure temperature of wellhead gas on a monthly basis.	Y	
60.756(b)	Enclosed combustors shall comply with (b)(1) and (b)(2)	Y	
60.756(b)(1)	Temperature monitor and continuous recorder (not required for boilers and process heaters with capacity > 44 MW)	Y	
60.756(b)(2)	Device that records flow to or bypass of the control device (i or ii below)	Y	
60.756 (b)(2)(i)	Install, calibrate, and maintain a device that records flow to the control device at least every 15 minutes	Y	
60.756 (b)(2)(ii)	Secure a bypass valve in closed position with a lock-and-key configuration and inspect seal and lock monthly	Y	
60.756(e)	Procedures for requesting alternative monitoring parameters	Y	
60.756(f)	Monitor surface on a quarterly basis. Closed landfills with no monitored excellencies in 3 consecutive quarters may reduce monitoring frequency to an annual basis	Y	
60.757	Reporting Requirements	Y	
60.757(a)	Submit an Initial Design Capacity Report	Y	
60.757(a)(3)	Amended Design Capacity Report required within 90 days of receiving a permitted increase in design capacity or within 90 days of an annual density calculation that results in a design capacity over the thresholds	Y	
60.757(b)	Submit Initial and Annual NMOC Emission Rate Report	Y	
60.757(b)(3)	Sites with Collection and Control Systems operating in compliance with this subpart are exempt from (b)(1) and (b)(2)	Y	

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Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
60.757(c)	Submit a Collection and Control System Design Plan within 1 year of first NMOC emission rate report showing NMOC > 50 MG/year, except as follows	Y	
60.757(f)	Submit Annual Reports containing information required by (f)(1) through (f)(6)	Y	
60.757(f)(1)	Value and length of time for exceedance of parameters monitored per 60.756(a), (b) or (d)	Y	
60.757(f)(2)	Description and duration of all periods when gas is diverted from the control device by a by-pass line	Y	
60.757(f)(3)	Description and duration of all periods when control device was not operating for more than 1 hour	Y	
60.757(f)(4)	All periods when collection system was not operating for more than 5 days.	Y	
60.757(f)(5)	Location of each surface emission excess and all re-monitoring dates and concentrations.	Y	
60.757(f)(6)	Location and installation dates for any wells or collectors added as a result of corrective action for a monitored excess.	Y	
60.757(g)	Initial Performance Test Report Requirements (g)(1-6)	Y	
60.757(g)(1)	Diagram of collection system showing positions of all existing collectors, proposed positions for future collectors, and areas to be excluded from control.	Y	
60.757(g)(2)	Basis for collector positioning to meet sufficient density req.	Y	
60.757(g)(3)	Documentation supporting percentage of asbestos or non-degradable material claims for areas without a collection system.	Y	
60.757(g)(4)	For areas excluded from collection due to non-productivity, calculations and gas generation rates for each non-productive area and the sum for all nonproductive areas.	Y	
60.757(g)(5)	Provisions for increasing gas mover equipment if current system inadequate to handle maximum projected gas flow rate.	Y	
60.757(g)(6)	Provisions for control of off-site migration	Y	
60.758	Recordkeeping Requirements	Y	
60.758(a)	Design Capacity and Waste Acceptance Records (retain 5 years)	Y	

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Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
60.758(b)	Collection and Control Equipment Records (retain for life of control equipment except 5 years for monitoring data)	Y	
60.758(b)(1)	Collection System Records	Y	
60.758 (b)(1)(i)	Maximum expected gas generation flow rate	Y	
60.758 (b)(1)(ii)	Density of wells and collectors	Y	
60.758(b)(2)	Control System Records - enclosed combustors other than boilers or process heaters with heat input > 44 MW	Y	
60.758 (b)(2)(i)	Combustion temperature measured every 15 minutes and averaged over the same time period as the performance test	Y	
60.758 (b)(2)(ii)	Percent NMOC reduction achieved by the control device	Y	
60.758(c)	Records of parameters monitored pursuant to 60.756 and periods of operation when boundaries are exceeded (retain for 5 years)	Y	
60.758(c)(1)	Exceedances subject to record keeping are	Y	
60.758 (c)(1)(i)	All 3-hour periods when average combustion temperature was more than 28 C below the average combustion temperature during the most recent complying performance test	Y	
60.758(c)(2)	Records of continuous flow to control device or monthly inspection records if seal and lock for bypass valves	Y	
60.758(d)	Plot map showing location of all existing and planned collectors with a unique label for each collector (retain for life of collection system)	Y	
60.758(d)(1)	Installation date and location of all newly installed collectors	Y	
60.758(d)(2)	Records of nature, deposition date, amount, and location of asbestos or non-degradable waste excluded from control	Y	
60.758(e)	Records of any exceedance of 60.753, location of exceedance and re-monitoring dates and data (for wellheads and surface). Retain for 5 years.	Y	
60.759	Specifications for Active Collection Systems	Y	
60.759(a)	Active wells and collectors shall be at sufficient density	Y	

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Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
60.759(a)(1)	Collection System in refuse shall be certified by PE to achieve comprehensive control of surface gas emissions	Y	
60.759(a)(2)	Collection Systems (active or passive) outside of refuse shall address migration control	Y	
60.759(a)(3)	All gas producing areas shall be controlled except as described below (i-iii).	Y	
60.759 (a)(3)(i)	Any segregated area of asbestos or non-degradable material only may be excluded, if documented adequately per 60.758(d).	Y	
60.759 (a)(3)(ii)	Any non-productive areas may be excluded from control, provided total NMOC emissions from all excluded areas is < 1% of total NMOC emissions from landfill. Document amount, location, and age of waste and all calculations for each excluded area.	Y	
60.759 (a)(3)(iii)	For calculating NMOC emissions, values for k and concentration of NMOC that have been previously approved shall be used or defaults if no values were approved. All non-degradable wastes that are being subtracted from total wastes for NMOC calculations must be documented adequately.	Y	
60.759(b)	Gas Collection System Components	Y	
60.759(b)(1)	Must be constructed of PVC, HDPE, fiberglass, stainless steel, or other approved material and of suitable dimensions to convey projected gas amounts and withstand settling, traffic, etc.	Y	
60.759(b)(2)	Collectors shall not endanger liner, shall manage condensate and leachate, and shall prevent air intrusion and surface leaks.	Y	
60.759(b)(3)	Header connection assemblies shall include positive closing throttle valve, seals and couplings to prevent leaks, at least one sampling port, and shall be constructed of PVC, HDPE, fiberglass, stainless steel, or other approved materials.	Y	
60.759(c)	Gas Mover Equipment shall be sized to handle maximum expected gas generation rate over the intended period of use.	Y	

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Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
60.759(c)(1)	For existing systems, flow data shall be used to project maximum flow rate.	Y	
60.759(c)(2)	For new systems, shall be calculated per 60.755(a)(1)	Y	
40 CFR Part 62, Subpart F	**Approval and Promulgation of State Plans for Designated Facilities and Pollutants – California (4/20/06)**		
62.1100	Identification of Plan	Y	
62.1115	Identification of Sources – Existing Municipal Solid Waste Landfills	Y	
40 CFR Part 63, Subpart A	**National Emission Standards for Hazardous Air Pollutants: General Provisions (9/13/10)**		
63.4	Prohibited activities and circumvention	Y	
63.5	Preconstruction review and notification requirements	Y	
63.5(b)	Requirements for existing, newly constructed, and reconstructed sources	Y	
63.6	Compliance with standards and maintenance requirements	Y	
63.6(e)	Operation and maintenance requirements and SSM Plan	Y	
63.6(f)	Compliance with non-opacity emission standards	Y	
63.10	Recordkeeping and reporting requirements	Y	
63.10(b)	General recordkeeping requirements	Y	
63.10(b)(2)(i-v)	Records for startup, shutdown, malfunction, and maintenance	Y	
63.10(d)	General reporting requirements	Y	
63.10(d)(5)	Startup, Shutdown, and Malfunction (SSM) Reports	Y	
40 CFR Part 63, Subpart AAAA	**National Emission Standards for Hazardous Air Pollutants: Municipal Solid Waste Landfills (4/20/06)**		
63.1945	When do I have to comply with this subpart?	Y	
63.1945(b)	Compliance date for existing affected landfills	Y	
63.1955	What requirements must I meet?	Y	
63.1955(a)	Comply with either 63.1955(a)(1) or (a)(2)	Y	
63.1955(a)(1)	Comply with 40 CFR Part 60, Subpart WWW	Y	

IV. Source-Specific Applicable Requirements

Table IV – C
Source-Specific Applicable Requirements
S-9 GUADALUPE LANDFILL – WASTE DECOMPOSITION PROCESS, EQUIPPED WITH GAS COLLECTION SYSTEM; ABATED BY A-9 LANDFILL GAS FLARE; S-31 GUADALUPE LANDFILL – WASTE AND COVER MATERIAL DUMPING; AND S-32 GUADALUPE LANDFILL – EXCAVATING, BULLDOZING, AND COMPACTING

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
63.1955(b)	Comply with 63.1960-63.1985, if a collection and control system is required by 40 CFR Part 60, Subpart WWW or a State Plan implementing 40 CFR Part 60, Subpart Cc	Y	
63.1955(c)	Comply with all approved alternatives to standards for collection and control systems plus all SSM requirements and 6 month compliance reporting requirements	Y	
63.1960	How is compliance determined?	Y	
63.1965	What is a deviation?	Y	
63.1975	How do I calculate the 3-hour block average used to demonstrate compliance?	Y	
63.1980	What records and reports must I keep and submit?	Y	
63.1980(a)	Comply with all record keeping and reporting requirements in 40 CFR Part 60, Subpart WWW or the State Plan implementing 40 CFR Part 60, Subpart Cc, except that the annual report required by 40 CFR 60.757(f) must be submitted every 6 months	Y	
63.1980(b)	Comply with all record keeping and reporting requirements in 40 CFR Part 60, Subpart A and 40 CFR Part 63, Subpart A, including SSM Plans and Reports	Y	
BAAQMD Condition #6188			
Part 1	Permitted Refuse Capacity [Cumulative Increase, Offsets, Toxic Risk Management]	Y	
Part 2	Number of Authorized Wells and Collectors in Gas Collection System [Regulations 2-1-301, 8-34-301.1, and 8-34-305]	Y	
Part 3	Landfill Gas Collection System – Continuous Operation [Regulations 8-34-301 and 8-34-305]	Y	
Part 4	Refuse Disposal Records [Cumulative Increase, Regulation 2-6-501, and Regulation 8-34-304]	Y	
Part 5	Prohibition on Uncontrolled Venting of Landfill Gas [Regulation 8-34-301]	Y	

IV. Source-Specific Applicable Requirements

Table IV – C
Source-Specific Applicable Requirements
S-9 GUADALUPE LANDFILL – WASTE DECOMPOSITION PROCESS, EQUIPPED WITH GAS COLLECTION SYSTEM; ABATED BY A-9 LANDFILL GAS FLARE; S-31 GUADALUPE LANDFILL – WASTE AND COVER MATERIAL DUMPING; AND S-32 GUADALUPE LANDFILL – EXCAVATING, BULLDOZING, AND COMPACTING

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
Part 6	Continuous Flare Operation [Regulation 8-34-301, 40 CFR 60.752(b)(2)(iii), 60.753(e), and 60.755(e)]	Y	
Part 7	Flare Temperature Monitor/Recorder [Regulation 8-34-501, Regulation 2-6-501, 40 CFR 60.756(b)]	Y	
Part 8	Flare Temperature Limits [Regulation 8-34-301, Toxic Risk Management, 40 CFR 60.758(c)(1)(i)]	Y	
Part 9	NOx Emissions Limit [RACT, Cumulative Increase]	Y	
Part 10	CO Emissions Limit [RACT, Cumulative Increase]	Y	
Part 11	Flare Gas Flow Meter [Cumulative Increase, 40 CFR 60.756(b)]	Y	
Part 12	Flare Alarm and Automatic Controls [Regulation 8-34-301.1]	Y	
Part 13	Flare NMOC Destruction Efficiency Requirements [Regulation 8-34-301.3]	Y	
Part 14	Flare Source Test Requirements [RACT, Cumulative Increase, Regulations 8-34-301.3 and 8-34-412]	Y	
Part 15	Dust Control Watering Requirements [Regulation 2-1-403]	Y	
Part 16	Requirement to Keep Paved Roadways Clean [Regulation 2-1-403]	Y	
Part 17	Visible Emissions – Particulate Fallout Restrictions [Regulations 1-301 and 6-301]	Y	
Part 18	Site Watering – Road Cleaning Records [Regulation 2-1-403]	Y	
Part 19	VOC Soil Emissions Limit [Regulation 8-2-301]	Y	
Part 20	Handling Procedures for Soil Containing Volatile Organic Compounds [Regulations 8-40-301, 8-40-304, and 8-40-305]	Y	
Part 21	Reimbursement of District Provided Emission Reduction Credits if POC Emissions Reach 50 tons per year [Offsets]	Y	
Part 22	Synchronization of Reporting Periods [Regulation 8-34-411 and 40 CFR Part 63.1980(a)]	Y	

IV. Source-Specific Applicable Requirements

Table IV – D
Source-Specific Applicable Requirements
S-18 MATERIALS RECOVERY OPERATION – DEBRIS SORTING SYSTEM

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Regulation 6, Rule 1	**Particulate Matter – General Requirements (12/5/07)**		
6-1-301	Ringelmann No. 1 Limitation	N	
6-1-305	Visible Particles	N	
6-1-311	General Operations: Emission Limit Based on Process Weight Rate	N	
6-1-401	Appearance of Emissions	N	
SIP Regulation 6	**Particulate Matter and Visible Emissions (9/4/98)**		
6-301	Ringelmann No. 1 Limitation	Y	
6-305	Visible Particles	Y	
6-311	General Operations: Emission Limit Based on Process Weight Rate	Y	
6-401	Appearance of Emissions	Y	
BAAQMD Condition #18258			
Part 1	Visible Emissions – Particulate Fallout Restrictions (Regulations 1-301, 6-1-301, and 6-1-305)	Y	
Part 2	Observation of Emissions Source (Regulations 2-1-403, 6-1-301, and 6-1-305)	Y	

IV. Source-Specific Applicable Requirements

Table IV – E
Source-Specific Applicable Requirements
S-24 CONSTRUCTION AND DEMOLITION DEBRIS STOCKPILE

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Regulation 6, Rule 1	**Particulate Matter – General Requirements (12/5/07)**		
6-1-301	Ringelmann No. 1 Limitation	N	
6-1-305	Visible Particles	N	
6-1-401	Appearance of Emissions	N	
SIP Regulation 6	**Particulate Matter and Visible Emissions (9/4/98)**		
6-301	Ringelmann No. 1 Limitation	Y	
6-305	Visible Particles	Y	
6-401	Appearance of Emissions	Y	
BAAQMD Condition #25537			
Part 1	Maximum annual acceptance limit (Cumulative Increase)	Y	
Part 2	Maximum daily processing rate (Regulation 2-1- 403)	Y	
Part 3	Emission minimization and control with water spray (Regulation 6-1-301)	Y	
Part 4	Restrictions on waste to not exceed TAC trigger levels (Regulation 2-5-110)	N	
Part 5	Recordkeeping requirement (Cumulative Increase)	Y	

V. SCHEDULE OF COMPLIANCE

The permit holder shall comply with all applicable requirements cited in this permit. The permit holder shall also comply with applicable requirements that become effective during the term of this permit on a timely basis.

VI. PERMIT CONDITIONS

Any condition that is preceded by an asterisk is not federally enforceable.

Condition #6188
FOR S-9 GUADALUPE LANDFILL – WASTE DECOMPOSITION PROCESS, EQUIPPED WITH GAS COLLECTION SYSTEM; ABATED BY A-9 LANDFILL GAS FLARE;
S-31 GUADALUPE LANDFILL - WASTE AND COVER MATERIAL DUMPING; AND
S-32 GUADALUPE LANDFILL – EXCAVATING, BULLDOZING, AND COMPACTING

1. The Permit Holder shall comply with the following waste acceptance and disposal limits and shall obtain the appropriate New Source Review permit, if one of the following limits is exceeded:
   a. Except for temporary emergency situations approved by the Local Enforcement Agency, the total waste accepted and placed at the landfill shall not exceed 3,650 tons in any day. (Basis: Regulation 2-1-301)
   b. The total cumulative amount of all waste placed in the landfill shall not exceed 16.4 million tons. Exceedance of the cumulative tonnage limit is not a violation of the permit and does not trigger the requirement to obtain a New Source review permit, if the operator can, within 30 days of the date of discovery of the exceedance, provide documentation to the District demonstrating, in accordance with BAAQMD Regulation 2-1-234.3, that the limit should be higher. (Basis: Regulation 2-1-234.3)

2. The owner/operator shall ensure that the landfill gas collection system, described in subpart 2a below, is operated continuously as defined in Regulation 8-34-219. Wells, collectors, and adjustment valves shall not be shut off, disconnected, or removed from operation without prior written authorization from the District, unless the owner/operator complies with all applicable provisions of Regulation 8, Rule 34, Sections 113, 117, and 118. The owner/operator shall apply for and receive a Change of Conditions from the District before altering the landfill gas collection system described in subpart 2a below. Increasing or decreasing the number of wells or collectors, or significantly changing the length of collectors, or the locations of wells or collectors are alterations that are subject to this requirement. Adding or modifying risers, laterals, or header pipes are not subject to this requirement. The authorized number of landfill gas collection system components is the baseline count listed below plus any components added and minus any components decommissioned pursuant to subpart 2b, as evidenced by start-up/shut-down notification letters submitted to the District.

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S-31 GUADALUPE LANDFILL - WASTE AND COVER MATERIAL DUMPING; AND
S-32 GUADALUPE LANDFILL – EXCAVATING, BULLDOZING, AND COMPACTING

a. The Permit Holder has been issued a Permit to Operate for the landfill gas collection system components listed below, which includes all start-up/shutdown notifications submitted through December 28, 2010. Well and collector locations, depths, and lengths are as described in Permit Applications 1684, 8118, 9780, 15380, 18410, 21931.

Vertical Wells:	62
Horizontal Collectors:	3

b. The owner/operator is authorized to make the landfill gas collection system component alterations listed below. Specific details regarding well alterations are described in Permit Application #23874.

	Minimum	Maximum
Install new vertical wells.	0	70
Replace vertical wells.	0	40
Decommission vertical wells	0	40
Install new horizontal trench collectors	0	20
Decommission horizontal trench collectors	0	10

Wells installed, relocated, replaced, or shutdown pursuant to subpart 2b shall be added to or removed from subpart 2a in accordance with the procedures identified in Regulations 2-6-414 or 2-6-415. The owner/operator shall maintain records of the decommissioning date for each well that is shutdown and the initial operation date for each new or relocated well.
(Basis: Regulations 2-1-301, 8-34-301.1, 8-34-303, 8-34-304, and 8-34-305)

3. The landfill gas collection system described in Part 2 above shall be operated continuously. Wells shall not be disconnected or removed from operation nor shall isolation or adjustment valves be closed without written authorization from the District, unless the Permit Holder complies with all applicable requirements of Regulation 8, Rule 34, Sections 113, 116, 117, and 118. (Basis: Regulation 8-34-301, Regulation 8-34-305)

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S-31 GUADALUPE LANDFILL - WASTE AND COVER MATERIAL DUMPING; AND
S-32 GUADALUPE LANDFILL – EXCAVATING, BULLDOZING, AND COMPACTING

Each landfill gas collection system wellhead associated with the gas collection system components listed in Part 2 shall be operated in compliance with the wellhead limits of Regulation 8-34-305, unless an alternative wellhead limit has been approved for the component and the Permit Holder complies with all of the additional requirements identified in this subpart. Components that are subject to an alternative wellhead limit may still use the Regulation 8-34-414 repair schedule for operator discovered excesses of the alternative limit, although invoking the 8-34-414 repair schedule replaces the monitoring requirements described in Parts 3 (b - j). (Basis: Regulation 8-34-305 and 8-34-414)

a. For each of the wells identified in Part 3(b), the Regulation 8-34-305.2 wellhead temperature limit does not apply, and the landfill gas temperature at each wellhead shall not exceed 145 degrees F.
b. The wells that are subject to Part 3(a) alternative wellhead temperature limit are: #108, 115, and 116. If any other component has a wellhead temperature of 131 degrees F or higher, the Permit Holder may elect to add this component to the above list of alternative temperature limit wells by satisfying the following requirements:
    i. The wellhead temperature shall not exceed 145 degrees F.
    ii. The carbon monoxide (CO) concentration in the wellhead gases shall not exceed 500 ppmv.
    iii. Prior to adding a component to the list in this subpart, the Permit Holder shall monitor the gas in the component for CO concentration at least two times, with no more than 15 days between tests. CO monitoring shall continue on a monthly basis, or more frequently if required by subparts 3(d - g), until the Permit Holder is allowed to discontinue monitoring per subpart 3(g).
    iv. The Permit Holder shall comply with all applicable monitoring and recordkeeping requirements in subpart 3(c - h).
    v. The component shall not exceed any wellhead limit other than temperature and shall have had no excesses of 8-34-305 wellhead limits (other than temperature) during the 120 days prior to adding this component to the list in this subpart.

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vi. Within 30 days of adding a component to the list in this subpart, the Permit Holder shall notify the District in writing that the operator is requesting to add the component to the Part 3(b)list of alternative temperature limit wells. This notification shall include the well ID number, a map of the collection system to identify the location of the well, and the dates and results of all monitoring conducted on the well to verify that the above requirements have been satisfied.

vii. If the Regulation 8-34-414 repair schedule has been invoked for the wellhead temperature excess, and the operator has met the requirements of 8-34-414.1 and 8-34-414.2, then compliance with the requirements of this subpart shall be deemed an acceptable resolution of the wellhead temperature excess in lieu of the collection system expansion specified in 8-34-414.3 and 8-34-414.4.

c. The Permit Holder shall demonstrate compliance with the alternative wellhead temperature limit in Part 3(a) by monitoring and recording the temperature of the landfill gas in each wellhead on a monthly basis, in accordance with 8-34-501.8, 501.9, and 505.

d. If the temperature of the landfill gas in a wellhead exceeds 140 degrees F, the Permit Holder shall investigate the possibility of a subsurface fire at the wellhead by monitoring for CO concentration in the wellhead gases and by searching for smoke, smoldering odors, combustion residues, and other fire indicators in the wellhead and in the landfill area near the wellhead. Within 5 days of triggering a fire investigation, the operator shall measure the CO concentration in the landfill gas at the wellhead using a portable CO monitor or an EPA approved test method. CO monitoring shall continue according to the frequency specified in subparts 3(e - g).

e. If the CO concentration is greater than 500 ppmv the Permit Holder shall immediately take all steps necessary to prevent or extinguish the subsurface fire, including disconnecting the well from the vacuum system if necessary. If the well is not disconnected from the vacuum system or upon reconnecting a well to the vacuum system, the permit holder shall monitor the well for CO concentration, wellhead temperature, and other fire indicators on at least a weekly basis until the CO concentration drops to 500 ppmv or less.

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f. If the CO concentration is less than or equal to 500 ppmv but greater than 100 ppmv, the Permit Holder shall monitor for CO concentration at least twice per month (at least once every 15 days) until the CO concentration drops to 100 ppmv or less. Wellhead temperature and other fire indicators shall be evaluated at each of these semi-monthly monitoring events.
g. If the CO concentration is less than or equal to 100ppmv, the Permit Holder shall monitor for CO concentration on a monthly basis. CO monitoring may be discontinued if 3 consecutive CO measurements are 100 ppmv or less and the wellhead temperature during each of these three monitoring events is 140 degreesF or less. If a component has 3 or more CO measurements of 100 ppmv or less but the wellhead temperature was greater than 140 degrees F, the Permit Holder must receive written approval from the District before discontinuing the monthly CO monitoring for that component.
h. The Permit Holder shall record the dates and results of all monitoring events required by this Part 3 in a District-approved log. If Part 3(e) applies, the Permit Holder shall also describe all actions taken to prevent or extinguish the fire.
i. For each of the components identified in Part 3(j), the continuous operation requirement in Regulation 8-34-301.1, the negative pressure requirement in Regulation 8-34-305.1, and the oxygen concentration limit in Regulation 8-34-305.4 shall not apply. approval of less than continuous operation for the components in Part 3(j) must be renewed every 3 years. Renewal is required by June 2016 or the alternate operating mode specified in Part 3(j) will no longer apply.
j. The components that are subject to this alternate operating mode are the horizontal collectors H11L, H12L, and H13L. Horizontal collectors H11L, H12L, and H13L shall be subject to the following operating limitations:
    i. Under no circumstances shall the measured oxygen level exceed 15% by volume.
    ii. If compliance with Part 3(j)(i) requires turning off the vacuum to a horizontal collector, the horizontal collector may be operated with a maximum pressure of up to 0.5 inches water column.
    iii. The landfill gas temperature at each collector shall be less than 55 degrees C (131 degrees F).

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iv. In order to demonstrate compliance with subparts 3(j)(i-iii), the Permit Holder shall install and maintain a District-approved vacuum/pressure gauge on each collector and shall monitor and record the oxygen content, pressure, and landfill gas temperature at each collector at least once every calendar month.

(Basis: Regulation 8-34-303, 304, 305, 404, 40 CFR 60.755(a) and 60.759)

4. In order to demonstrate compliance with the above requirements, the S-9 Permit Holder shall maintain the following records:
   a. Daily and monthly records of the quantity of refuse accepted; monthly records of the quantity of refuse placed in the landfill.
   b. For areas of the landfill not controlled by a landfill gas collection system, the Permit Holder shall maintain a record of the date that waste was initially placed in the area or cell.
   c. The cumulative amount of waste placed in each uncontrolled area or cell on a monthly basis.
   d. If the Permit Holder plans to exclude an uncontrolled area or cell from the collection system requirement, the types and amounts of all non-decomposable waste placed in the area or cell shall be recorded. If non-decomposable waste makes up less than 100% of the contents of a given cell, that percentage shall be noted.
   e. The initial operation date for each new landfill gas well and collector.
   f. An accurate map of the landfill that indicates the locations of all refuse boundaries and the locations of all wells and collectors as identified in the Collection and Control System Design Plan. Any areas containing only non-decomposable waste shall be clearly identified. This map shall be updated at least every six months to indicate changes in refuse boundaries and to include any newly installed wells and collectors.

   These records shall be kept on-site and be made available for inspection to District personnel upon request for a period of five years from the date on which a record was made. (basis: Cumulative Increase, Regulation 2-6-501, Regulation 8-34-304)

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5. All landfill gas collected by the gas collection system for S-9 shall be abated at all times by either the Enclosed Flare A-9 or the adjacent gas recovery and control facility (Gas Recovery Systems, P#11669 or successor operation). Under no circumstances shall raw landfill gas be vented to the atmosphere. This limitation does not apply to unavoidable landfill gas emissions that occur during collection system installation, maintenance, or repair that is performed in compliance with Regulation 8, Rule 34, Sections 113, 116, 117, or 118 or to inadvertent component or surface leaks that do not exceed the limits specified in 8-34-301.2 or 8-34-303. (basis: Regulations 8-34-301 and 8-34-303, 40 CFR 60.752(b)(2)(iii), 60.753(e), and 60.755(e))

6. The A-9 Flare shall be operated continuously during all times that landfill gas is being vented to the flare. (Basis: Regulation 8-34-301, 40 CFR 60.752(b)(2)(iii), 60.753(e), and 60.755(e))

7. A temperature monitor with readout display and continuous recorder shall be installed and maintained on the flare. One or more thermocouples shall be placed in the primary combustion zone of the flare and shall accurately indicate flue gas temperature at all times. Temperature charts shall be retained for five years and made readily available to District Staff upon request. (Basis: Regulation 8-34-501, Regulation 2-6-501, 40 CFR 60.756(b))

8. The combustion zone temperature of the flare shall be maintained at a minimum temperature of 1450 degrees F, averaged over any 3-hour period. This minimum temperature shall be adjusted via a minor permit revision, if a source test demonstrates compliance with all applicable requirements at a different temperature. The minimum combustion zone temperature for the flare shall be equal to the average combustion zone temperature determined during the most recent complying source test minus 50 degrees F, provided that the minimum combustion zone temperature is not less than 1400 degrees F. (Basis: Regulation 8-34-301, Toxic Risk Management, 40 CFR 60.758(c)(1)(i))

9. NOx emissions from the A-9 flare shall not exceed 16 ppmv of NO_x, expressed as NO_2 at 15% oxygen on a dry basis. (Basis: RACT, Cumulative Increase)

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10. CO emissions from the A-9 flare shall not exceed 134 ppmv of CO at 15% oxygen on a dry basis. (Basis: RACT, Cumulative Increase)

11. A flow meter to measure gas flow into the flare shall be installed prior to operation and maintained in good working condition. (Basis: Cumulative Increase, 40 CFR 60.756(b))

12. The flare shall be equipped with both local and remote alarms, automatic combustion air control, and automatic start/restart system. (Basis: Regulation 8-34-301.1)

13. The A-9 Landfill Gas Flare destruction efficiency for total non-methane organic compounds (NMOC) shall not be less than 98% by weight unless the outlet NMOC concentration is less than 30 ppmv, expressed as methane at 3% oxygen on a dry basis. (Basis: Regulation 8-34-301.3)

14. In order, to demonstrate compliance with parts #9, #10, and #13 above, and Regulation 9-1-302, the Permit Holder shall ensure that a District approved source test is conducted annually on the A-9 Landfill Gas Flare. As a minimum, the annual source test shall determine the following:
    a. landfill gas flow rate to the flare (dry basis);
    b. concentrations (dry basis) of carbon dioxide (CO_2), nitrogen (N_2), oxygen (O_2), total hydrocarbons (THC), methane (CH_4), and total non-methane organic compounds (NMOC) in the landfill gas;
    c. stack gas flow rate from the flare (dry basis);
    d. concentrations (dry basis) of NOx, CO, SO_2, THC, CH_4, NMOC, and O_2 in the flare stack gas;
    e. NMOC destruction efficiency achieved by the flare; and
    f. the average combustion temperature in the flare during the test period.

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Each annual source test shall be conducted no later than 12 months after the previous source test. The Source Test Section of the District shall be contacted to obtain approval of the source test procedures at least 14 days in advance of each source test. The Source Test Section shall be notified of the scheduled test date at least 7 days in advance of each source test. The source test report shall be submitted to the Compliance and Enforcement Division and to the Source Test Section within 60 days of the test date. (basis: RACT, Cumulative Increase, Regulations 8-34-301.3 and 8-34-412, Regulation 9-1-302)

15. On rainless operating days, water shall be applied as necessary and at least 2 times per full operational day to all unpaved roadways and active soil removal and fill areas associated with this facility to suppress dust emissions. On operating days when rain has fallen in the last 24 hours, water shall be applied as necessary to prevent visible dust emissions. (basis: Regulation 2-1-403)

16. Paved roadways at the facility shall be kept sufficiently clear of dirt and debris as to prevent visible particulate emissions from vehicle traffic or wind. (basis: Regulation 2-1-403)

17. Visible dust emissions from any part of the facility shall not exceed Ringelmann 1.0 or result in fallout on adjacent property in such quantities as to cause a public nuisance. (basis Regulation 6-301, Regulation 1-301)

18. In order to demonstrate compliance with parts #16 and #17, the operator of this facility shall keep records of all site watering and road-cleaning activities in a District approved log on a daily basis. These records shall be kept on-site and be made available for inspection to District personnel upon request for a period of five years from the date on which a record was made. (basis: Regulation 2-1-403)

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19. The Permit Holder shall limit the quantity of VOC soil handled per day so that no more than 15 pounds of total carbon could be emitted to the atmosphere per day. VOC soil is any soil that contains volatile organic compounds, as defined in Regulation 8-40-213, at a concentration of 50 ppmw or less. Soil containing more than 50 ppmw of VOC is considered to be "contaminated soil" and is subject to Part 20 of these conditions. Soil containing only non-volatile hydrocarbons and meeting the requirements of Regulation 8-40-113 is not subject to Parts 19 and 20 of these conditions. In order to demonstrate compliance with this condition, the Permit Holder shall maintain the following records in a District approved log:
    a. Daily records of the amount of VOC soil handled at the landfill. The total amount (in pounds per day) represents Q in the equation in part c of this condition. (see below)
    b. Daily records of the VOC content of all soils handled at the landfill. The VOC content (C in the equation below) is expressed as parts per million by weight total carbon.
    c. Calculate and record on a daily basis the VOC Emission Rate (E) using the following equation:
    E = Q x C / 1,000,000
    These records shall be maintained on site or shall be made readily available to District staff upon request for at least 5 years from the date on which a record was made. (basis: Regulation 8-2-301)

20. Handling Procedures for Soil Containing Volatile Organic Compounds
    a. The procedures listed below in subparts b-l do not apply if the following criteria are satisfied. However, the record keeping requirements in subpart m, below, are applicable.
        i. The Permit Holder has appropriate documentation demonstrating that either the organic content of the soil or the organic concentration above the soil is below the "contaminated" level (as defined in Regulation 8, Rule 40, Sections 205, 207, and 211). The handling of soil containing VOCs in concentrations below the "contaminated" level is subject to Part 19 above.
        ii. The Permit Holder has no documentation to prove that soil is not contaminated, but source of the soil is known and there is no reason to suspect that the soil might contain organic compounds.

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b. The Permit Holder shall provide verbal notification to the Compliance and Enforcement Division of the Permit Holder's intention to accept contaminated soil at the facility at least 24 hours in advance of receiving the contaminated soil. The Permit Holder shall provide an estimate of the amount of contaminated soil to be received, the degree of contamination (range and average VOC Content), and the type or source of contamination.
c. Any soil received at the facility that is known or suspected to contain volatile organic compounds (VOCs) shall be handled as if the soil were contaminated, unless the Permit Holder receives test results proving that the soil is not contaminated. To prove that the soil is not contaminated, the Permit Holder shall collect soil samples in accordance with Regulation 8-40-601 within 24 hours of receipt of the soil by the facility. The organic content of the collected soil samples shall be determined in accordance with Regulation 8-40-602.
    i. If these test results indicate that the soil is still contaminated or if the soil was not sampled within 24 hours of receipt by the facility, the Permit Holder must continue to handle the soil in accordance with the procedures set forth in subparts e.-l., below, until the soil has completed treatment or has been placed in a final disposal location and adequately covered. Storing soil in a temporary stockpile or pit is not considered treatment. Co-mingling, blending, or mixing of soil lots is not considered treatment.
    ii. If these test results indicate that the soil – as received at the facility – has an organic content of 50 ppmw or less, then the soil may be considered to be not contaminated and need not be handled in accordance with the procedures listed in subparts e.-l. below.
d. Any contaminated soil received at the facility shall be clearly identified as contaminated soil, shall be handled in accordance with subparts e.-l. below, and shall be segregated from non-contaminated soil. Contaminated soil lots may not be co-mingled, blended, or otherwise mixed with non-contaminated soil lots prior to treatment, reuse, or disposal. Mixing soil lots in an attempt to reduce the overall concentration of the contaminated soil or to circumvent any requirements or limits is strictly prohibited.

VI. Permit Conditions

Condition #6188

FOR S-9 GUADALUPE LANDFILL – WASTE DECOMPOSITION PROCESS, EQUIPPED WITH GAS COLLECTION SYSTEM; ABATED BY A-9 LANDFILL GAS FLARE;
S-31 GUADALUPE LANDFILL - WASTE AND COVER MATERIAL DUMPING; AND
S-32 GUADALUPE LANDFILL – EXCAVATING, BULLDOZING, AND COMPACTING

e. On-site handling of contaminated soil shall be limited to no more than 2 on-site transfers per soil lot. For instance, unloading soil from off-site transport vehicles into a temporary storage pile is 1 transfer. Moving soil from a temporary storage to a staging area is 1 transfer. Moving soil from a temporary storage pile to a final disposal site is 1 transfer. Moving soil from a staging area to a final disposal site is 1 transfer. Therefore, unloading soil from off-site transport into a temporary storage pile and then moving the soil from that temporary storage pile to the final disposal site is allowed. Unloading soil from off-site transport into a staging area and then moving the soil from that staging area to the final disposal site is allowed. However, unloading soil from off-site transport to a temporary storage pile, moving this soil to a staging area, and then moving the soil again to a final disposal site is 3 on-site transfers and is not allowed.
f. If the contaminated soil has an organic content of less than 500 ppmw, the contaminated soil shall be treated, deposited in a final disposal site, or transported off-site for treatment within 90 days of receipt at the facility.
g. If the contaminated soil has an organic content 500 ppmw or more, the contaminated soil shall be treated, deposited in a final disposal site, or transported off-site for treatment within 45 days of receipt at the facility.
h. All active storage piles shall meet the requirements of Regulation 8-40-304 by using water sprays, vapor suppressants or approved coverings to minimize emissions. The exposed surface area of any active storage pile (including the active face at a landfill) shall be limited to 6000 ft^2. The types of storage piles that may become subject to these provisions include (but are not limited to) truck unloading areas, staging areas, temporary stockpiles, soil on conveyors, bulldozers or trucks, the active face of a landfill, or other permanent storage pile at the final disposal location.

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Condition #6188

FOR S-9 GUADALUPE LANDFILL – WASTE DECOMPOSITION PROCESS, EQUIPPED WITH GAS COLLECTION SYSTEM; ABATED BY A-9 LANDFILL GAS FLARE;
S-31 GUADALUPE LANDFILL - WASTE AND COVER MATERIAL DUMPING; AND
S-32 GUADALUPE LANDFILL – EXCAVATING, BULLDOZING, AND COMPACTING

i. All inactive storage piles shall meet the requirements of Regulation 8-40-305 including the requirement to cover contaminated soil during periods of inactivity longer than one hour. The types of storage piles that may become subject to these provisions include (but are not limited to) soil on trucks or other on-site equipment, staging areas, temporary stockpiles, and the permanent storage pile at the final disposal location. District approved coverings for inactive storage piles include continuous heavy-duty plastic sheeting (in good condition, joined at the seams, and securely anchored) or encapsulating vapor suppressants (with re-treatment as necessary to prevent emissions).

j. The Permit Holder must:
   i. Keep contaminated soil covered with continuous heavy-duty plastic sheeting (in good condition, joined at the seams, and securely anchored) whenever soil is to be stored in temporary stockpiles or during on-site transport in trucks. Soil in trucks shall not be left uncovered for more than 1 hour.
   ii. Establish a tipping area for contaminated soils near the active face that is isolated from the tipping area for other wastes.
   iii. Spray contaminated soil with water or vapor suppressant immediately after dumping the soil from a truck at the tipping area.
   iv. Ensure that all contaminated soil is transferred from the tipping area to the active face immediately after spraying with water or vapor suppressant.
   v. Ensure that contaminated soil in the tipping area is not disturbed by subsequent trucks. Trucks shall not drive over contaminated soil in the tipping area or track contaminated soil out of the tipping area on their wheels.
   vi. Spray contaminated soil on the active face with water or vapor suppressant (to keep the soil visibly moist) until the soil can be covered with an approved covering.
   vii. Limit the area of exposed soil on the active face to no more than 6000 ft^2.
   viii. Ensure that contaminated soil spread on the active face is completely covered on all sides with one of the following approved coverings: at least 6 inches of clean compacted soil, at least 12 inches of compacted garbage, or at least 12 inches of compacted green waste.

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ix. Ensure that covering of soil on the active face is completed within one hour of the time that the soil was first dumped from a truck at the tipping area.

k. Contaminated soil shall not be used as daily, intermediate, or final cover material for landfill waste operations unless the requirements of Regulation 8, Rule 40, Sections 116 or 117 have been satisfied.

l. Contaminated soil is considered to be a decomposable solid waste pursuant to Regulation 8, Rule 34. All contaminated soil disposed of at a site shall be included in any calculations of the amount of decomposable waste in place that are necessary for annual reporting requirements or for purposes of 8-34-111 or 8-34-304.

m. The Permit Holder shall keep the following records for each lot of soil received, in order to demonstrate on-going compliance with the applicable provisions of Regulation 8, Rule 40.

i. For all soil received by the facility (including soil with no known contamination), record the arrival date at the facility, the soil lot number, the amount of soil in the lot, the organic content or organic concentration of the lot (if known), the type of contamination (if any), and keep copies of any test data or other information that documents whether the soil is contaminated (as defined in 8-40-205) or not contaminated, with what, and by how much.

ii. If the soil is tested for organic content after receipt by the facility, record the sampling date, test results, and the date that these results were received.

iii. For all on-site handling of contaminated soil, use a checklist or other approved method to demonstrate that appropriate procedures were followed during all on-site handling activities. One checklist shall be completed for each day and for each soil lot (if multiple lots are handled per day).

iv. For soil aerated in accordance with 8-40-116 or 117 record the soil lot number, the amount of soil in the lot, the organic content, the final placement date, the final placement location, and describe how the soil was handled or used on-site.

v. For final disposal at a landfill, record on a daily basis the soil lot number, the amount of soil placed in the landfill, the disposal date, and the disposal location.

Condition #6188

VI. Permit Conditions

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S-31 GUADALUPE LANDFILL - WASTE AND COVER MATERIAL DUMPING; AND
S-32 GUADALUPE LANDFILL – EXCAVATING, BULLDOZING, AND COMPACTING

All records shall be retained for at least 5 years from the date of entry and shall be made available for District inspection upon request.
[Basis: Regulation 8-40-301, 8-40-304 and 8-40-305]

21. In accordance with the provisions of Regulation 2-2-302, should the calculated facility precursor organic compound (POC) emissions ever equal or exceed 50 tons per year, the facility owner/operator shall reimburse the District with emission reduction credits for all POC offsets provided from the District Small Facility Banking Account. (basis: Offsets)

22. The annual report required by BAAQMD Regulation 8-34-411 shall be submitted in two semi-annual increments. The reporting periods and report submittal due dates for these reports shall be synchronized with the reporting periods and report submittal due dates for the semi-annual MFR Permit monitoring reports that are required by Section I.F. of the MFR Permit for this site. In addition, the semi-annual reports required by the NESHAP for Municipal Solid Waste Landfills (40 CFR Part 63 Subpart AAAA) shall be submitted on the same schedule. At the discretion of the facility, the Regulation 8-34-411 report may be combined with the semi-annual MFR monitoring report and the NESHAPS report as a single combined report as long as it is clearly labeled as such and it contains all the required elements of both reports. (basis: Regulation 8-34-411 and 40 CFR Part 63.1980(a))

VI. Permit Conditions

Condition #7649
FOR S-5 WOOD DEBRIS STOCKPILES AND A-5 WATER SPRAY

1. Operation of S-5 shall not exceed 12 hours within any consecutive 24-hour period. (Basis: Cumulative Increase)

2. A District approved logbook of hours of operation of S-5 shall be maintained on a daily basis. Records shall be kept for a period of at least five years from the date of entry and shall be made readily available to District staff upon request. (Basis: Cumulative Increase)

3. S-5 feed stockpiles and stockpile roadways shall be abated by A-5 water spray at a minimum of 5 gpm as required to minimize particulate emissions. (Basis: Regulation 2-1-403)

4. Observation for visible particulate emissions is required each time material to added to or removed from the Wood Debris Stockpiles. If visible emissions are detected, the operator of the source shall take the necessary corrective action to stop the emissions. (Basis: Regulations 2-1-403, 6-1-301, and 6-1-305)

Condition #7650
FOR S-6 SHREDDED WOOD STORAGE STOCKPILES AND LOADOUT AND A-6 WATER SPRAY

1. Operation of S-6 shall not exceed 12 hours in any rolling 24 consecutive hour period. (Basis: Cumulative Increase)

2. A District approved logbook of hours of operation of S-6 shall be maintained on a daily basis. Records shall be kept for a period of at least five years from the date of entry and shall be made readily available to District staff upon request. (Basis: Cumulative Increase)

3. S-6 shall be abated by A-6 water spray at a minimum of 5 gpm as needed, to minimize particulate emissions. (Basis: Regulation 2-1-403)

4. Observation for visible particulate emissions is required each time material to added to or removed from the Shredded Wood Waste Storage Stockpiles. If visible emissions are detected, the operator of the source shall take the necessary corrective action to stop the emissions. (Basis: Regulations 2-1-403, 6-1-301, and 6-1-305)

VI. Permit Conditions

Condition #18258
FOR S-18 MATERIALS RECOVERY OPERATION: DEBRIS SORTING SYSTEM

1. Visible particulate emissions from S-18 shall not exceed Ringelmann 1.0 or result in fallout on neighboring property in such quantities as to cause a public nuisance per Regulation 1-301. (Basis: Regulations 1-301, 6-1-301, and 6-1-305)

2. Casual observation by the operators of S-18 for visible particulate emissions is required on an ongoing basis. If visible emissions are detected, the operators shall take the necessary corrective action to stop the emissions. (Basis: Regulations 2-1-403, 6-1-301, and 6-1-305)

3. S-18 debris throughput shall not exceed 900 tons per day average, based on a calendar month. (Basis: Cumulative Increase)

4. To demonstrate compliance with Part 3 above, the owner/operator shall monitor and record the calendar day actual and calculated monthly average S-18 debris throughput(s) on a mass basis, in a District-approved log. All records shall be retained on-site for five years from the date of entry and shall be made available for inspection by District staff upon request. These recordkeeping requirements shall not replace the recordkeeping requirements contained in any applicable District Regulation. (Basis: Regulation 2-6-501)

VI. Permit Conditions

Condition #25537
FOR S-24 CONSTRUCTION AND DEMOLITION DEBRIS STOCKPILE

1. The owner/operator shall ensure that no more than 200,000 tons of construction and demolition debris is accepted at S-24 in any consecutive 12-month period. (Basis: Cumulative Increase)

2. The owner/operator shall ensure that the combined amount of construction and demolition debris processed at S-24 does not exceed 2,500 tons in any day. (Basis: Regulation 2-1-403, limiting daily emissions to avoid BACT)

3. The owner/operator shall minimize disturbance of the stockpiles at S-24, and use water spray additionally, as necessary, on the stockpiles and stockpile area to maintain compliance with Regulation 6. (Basis: Regulation 6-1-301)

*4. The owner/operator shall ensure that the construction and demolition debris accepted at S-24 does not contain hazardous waste, regulated asbestos containing materials, or any other materials that will result in emissions of toxic air contaminants in excess of an acute or chronic trigger level identified in Regulation 2, Rule 5, Table 2-5-1, during handling or recycling of these materials. (Basis: Regulation 2-5-110)

5. The owner/operator shall maintain the following records:
   a. Amount of construction and demolition debris accepted at S-24 on a daily basis.
   b. Amount construction and demolition debris processed at S-24 and used as alternate daily cover on a daily basis.
   c. Amount of construction and demolition debris accepted, processed, and used as alternate daily cover shall be totaled at the end of each month for each day and for the previous 12-month period.

   The owner/operator shall maintain all records in a District-approved log. The owner/operator shall retain the records for five years from the date of entry and make them available for inspection by District staff upon request. These record-keeping requirements shall not replace the record-keeping requirements contained in any applicable District Regulations. (Basis: Cumulative Increase)

VII. APPLICABLE LIMITS & COMPLIANCE MONITORING REQUIREMENTS

This section has been included only to summarize the applicable emission limits contained in Section IV, Source-Specific Applicable Requirements, of this permit. The following tables show the relationship between each emission limit and the associated compliance monitoring provisions, if any. The monitoring frequency column indicates whether periodic (P) or continuous (C) monitoring is required. For periodic monitoring, the frequency of the monitoring has also been shown, using the following codes: annual (A), quarterly (Q), monthly (M), weekly (W), daily (D), or on an event basis (E). No monitoring (N) has been required if the current applicable rule or regulation does not require monitoring, and the operation is unlikely to deviate from the applicable emission limit based upon the nature of the operation.

This section is only a summary of the limits and monitoring requirements. In the case of a conflict with any requirement in Sections I-VI, the preceding sections take precedence over Section VII.

Table VII – A
Applicable Limits and Compliance Monitoring Requirements
S-5 WOOD DEBRIS STOCKPILE AND A-5 WATER SPRAY

Type of Limit	Emission Limit Citation	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
Opacity	BAAQMD Regulation 6-1-301	N		No Darker Than Ringelmann No. 1.0 for 3 minutes in any hour	BAAQMD Condition #7649 Part 4	P/E	Observation of Operations
Opacity	SIP Regulation 6-301	Y		No Darker Than Ringelmann No. 1.0 for 3 minutes in any hour	BAAQMD Condition #7649 Part 4	P/E	Observation of Operations
Usage	BAAQMD Condition #7649 Part 1	Y		Operating Time: $\leq$ 12 hours during any 24 hour period	BAAQMD Condition #7649 Part 2	P/D	Daily Record of Operating Hours

VII. Applicable Limits and Compliance Monitoring Requirements

Table VII – B
Applicable Limits and Compliance Monitoring Requirements
S-6 SHREDDED WOOD STORAGE STOCKPILES AND LOADOUT AND A-6 WATER SPRAY

Type of Limit	Emission Limit Citation	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
Opacity	BAAQMD Regulation 6-1-301	N		No Darker Than Ringelmann No. 1.0 for 3 minutes in any hour	BAAQMD Condition #7650 Part 2	P/E	Observation of Operations
Opacity	SIP Regulation 6-301	Y		No Darker Than Ringelmann No. 1.0 for 3 minutes in any hour	BAAQMD Condition #7650 Part 2	P/E	Observation of Operations
Usage	BAAQMD Condition #7650 Part 1	Y		Operating Time: $\leq$ 12 hours during any 24 hour period	BAAQMD Condition #7650 Part 2	P/D	Daily Record of Operating Hours

VII. Applicable Limits and Compliance Monitoring Requirements

Table VII – C
Applicable Limits and Compliance Monitoring Requirements
S-9 GUADALUPE LANDFILL – WASTE DECOMPOSITION PROCESS, EQUIPPED WITH GAS COLLECTION SYSTEM; ABATED BY A-9 LANDFILL GAS FLARE; S-31 GUADALUPE LANDFILL – WASTE AND COVER MATERIAL DUMPING; AND S-32 GUADALUPE LANDFILL – EXCAVATING, BULLDOZING, AND COMPACTING

Type of Limit	Emission Limit Citation	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
Collection System Installa-tion Dates	BAAQMD 8-34-304.1	Y		For Inactive/Closed Areas: collection system components must be installed and operating by 2 years + 60 days after initial waste placement	BAAQMD 8-34-501.7 and 501.8 and BAAQMD Condition #6188, Part 4	P/E	Records
Collection System Installa-tion Dates	BAAQMD 8-34-304.2	Y		For Active Areas: Collection system components must be installed and operating by 5 years + 60 days after initial waste placement	BAAQMD 8-34-501.7 and 501.8 and BAAQMD Condition #6188, Part 4	P/E	Records
Collection System Installa-tion Dates	BAAQMD 8-34-304.3	Y		For Any Uncontrolled Areas or Cells: collection system components must be installed and operating within 60 days after the uncontrolled area or cell accumulates 1,000,000 tons of decomposable waste	BAAQMD 8-34-501.7 and 501.8 and BAAQMD Condition #6188, Part 4	P/E	Records
Collection System Installa-tion Dates	40 CFR 60.753 (a)(2) and 60.755 (b)(2)	Y		For Inactive/Closed Areas: collection system components must be installed and operating by 2 years + 60 days after initial waste placement	40 CFR 60.758(a), (d)(1) and (d)(2), and 60.759(a)(3)	P/E	Records

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Type of Limit	Emission Limit Citation	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
Collection System Installa-tion Dates	40 CFR 60.753 (a)(1) and 60.755 (b)(1)	Y		For Active Areas: Collection system components must be installed and operating by 5 years + 60 days after initial waste placement	40 CFR 60.758(a), (d)(1) and (d)(2)	P/E	Records
Gas Flow	BAAQMD 8-34-301 and 301.1 and BAAQMD Condition #6188, Parts 3, 5	Y		Landfill gas collection system shall operate continuously and all collected gases shall be vented to a properly operating control system	BAAQMD 8-34-501.1 and BAAQMD Condition #6188, Part 4	P/E	Records of Collection System Downtime and Updates to Collection and Control System Design Plan
Gas Flow	BAAQMD 8-34-301 and 301.1	Y		Landfill gas collection system shall operate continuously and all collected gases shall be vented to a properly operating control system	BAAQMD 8-34-501.10 and 508	C	Gas Flow Meter and Recorder (every 15 minutes);
Gas Flow	40 CFR 60.753(a) and (e)	Y		Operate a Collection System in each area or cell and vent all collected gases to a properly operating control system	40 CFR 60.756(b)(2) (i or ii) and 60.758(c)(2)	C	Gas Flow Meter and Recorder (every 15 minutes)

VII. Applicable Limits and Compliance Monitoring Requirements

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Type of Limit	Emission Limit Citation	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
Collection and Control Systems Shutdown Time	BAAQMD 8-34-113.2	Y		$\leq$ 240 hours per year and $\leq$ 5 consecutive days	BAAQMD 8-34-501.1	P/D	Operating Records
Collection System Startup Shutdown or Malfunc-tion	40 CFR 60.755(e)	Y		$\leq$ 5 days per event	40 CFR 60.7(b), 60.757(f)(2) and (f)(4)	P/D	Operating Records (all occurrences and duration of each)
Periods of Inopera-tion for Para-metric Monitors	BAAQMD 1-523.2	Y		$\leq$ 15 consecutive days per incident and $\leq$ 30 calendar days per 12 month period	BAAQMD 1-523.4	P/D	Operating Records for All Parametric Monitors
Contin-uous Monitors	40 CFR 60.13(e)	Y		Requires Continuous Operation except for breakdowns, repairs, calibration, and required span adjustments	40 CFR 60.7(b)	P/D	Operating Records for All Continuous Monitors
Wellhead Pressure	BAAQMD 8-34-305.1	Y		< 0 psig, except as allowed for specified components pursuant to BAAQMD Condition #6188, Parts 3i-j	BAAQMD 8-34-414, 501.9 and 505.1	P/M	Monthly Inspection and Records

VII. Applicable Limits and Compliance Monitoring Requirements

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Type of Limit	Emission Limit Citation	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
Wellhead Pressure	40 CFR 60.753(b)	Y		< 0 psig, except as allowed for specified components pursuant to BAAQMD Condition #6188, Part 3i-j	40 CFR 60.755(a)(3), 60.756(a)(1), and 60.758(c) and (e)	P/M	Monthly Inspection and Records
Wellhead Pressure	BAAQMD Condition #6188, Part 3j(ii)	Y		For components specified in BAAQMD Condition #6188, Part 3j(ii): ≤ 0.5 inches of water column	BAAQMD Condition #6188, Part 3j(iv)	P/M	Monthly Inspection and Records
Temper-ature of Gas at Wellhead	BAAQMD 8-34-305.2	Y		< 55 °C, except as allowed for specified wells pursuant to BAAQMD Condition #6188, Part 3	BAAQMD 8-34-414, 501.9 and 505.2	P/M	Monthly Inspection and Records
Temper-ature of Gas at Wellhead	40 CFR 60.753(c)	Y		< 55 °C, except as allowed for specified wells pursuant to BAAQMD Condition #6188, Part 3	40 CFR 60.755(a)(5), 60.756(a)(3), and 60.758(c) and (e)	P/M	Monthly Inspection and Records
Temper-ature of Gas at Wellhead	BAAQMD Condition #6188, Parts 3a and 3b(i)	Y		For wells specified in BAAQMD Condition # 6188, Part 3b: ≤ 145 °F	BAAQMD Condition #6188, Parts 3c-h	P/M	Monthly Inspection and Records
Gas Concen-trations at Wellhead	BAAQMD 8-34-305.3 or 305.4	Y		N_2 < 20% by volume **OR** O_2 < 5% by volume, except as allowed for specified components pursuant to BAAQMD Condition #6188, Part 3i-j	BAAQMD 8-34-414, 501.9 and 505.3 or 505.4	P/M	Monthly Inspection and Records

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Type of Limit	Emission Limit Citation	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
Gas Concen-trations at Wellhead	40 CFR 60.753(c)	Y		N_2 < 20% by volume **OR** O_2 < 5% by volume, except as allowed for specified components pursuant to BAAQMD Condition #6188, Part 3i-j	40 CFR 60.755(a)(5), 60.756(a)(2), and 60.758(c) and (e)	P/M	Monthly Inspection and Records
Gas Concen-trations at Wellhead	BAAQMD Condition #6188, Part 3j(i)	Y		For components specified in BAAQMD Condition #6188, Part 3j: $O_2 \leq$ 15% by volume	BAAQMD Condition #6188, Part 3j(iv)	P/M	Monthly Inspection and Records
Well Shutdown Limits for Well Raising	BAAQMD 8-34-116.2	Y		No more than 5 wells at a time or 10% of total collection system, whichever is less	BAAQMD 8-34-116.5 and 501.1	P/D	Records
Well Shutdown Limits for Well Raising	BAAQMD 8-34-116.3	Y		$\leq$ 24 consecutive hours per well	BAAQMD 8-34-116.5 and 501.1	P/D	Records
Well Shutdown Limits for Repair, Constructi on, Fire	BAAQMD 8-34-117.4	Y		No more than 5 wells at a time or 10% of total collection system, whichever is less	BAAQMD 8-34-117.6 and 501.1	P/D	Records
Well Shutdown Limits for Repair, Constructi on, Fire	BAAQMD 8-34-117.5	Y		$\leq$ 24 consecutive hours per well	BAAQMD 8-34-117.6 and 501.1	P/D	Records

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Type of Limit	Emission Limit Citation	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
Landfill Construction Activity Limits	BAAQMD 8-34-118.5	Y		Excavated refuse covered immediately and disposed of $\leq$ 24 hours	BAAQMD 8-34-118.9 and 501.1	P/D	Records
Landfill Construction Activity Limits	BAAQMD 8-34-118.6	Y		Drilled wells and excavated trenches left uncovered $\leq$ 8 hours	BAAQMD 8-34-118.9 and 501.1	P/D	Records
TOC (Total Organic Com-pounds Plus Methane)	BAAQMD 8-34-301.2	Y		Component Leak Limit: $\leq$ 1000 ppmv as methane	BAAQMD 8-34-501.6 and 503	P/Q	Quarterly Inspection of collection and control system components with OVA and Records
TOC	BAAQMD 8-34-303	Y		Surface Leak Limit: $\leq$ 500 ppmv as methane at 2 inches above surface	BAAQMD 8-34-415, 416, 501.6, 506 and 510	P/M, Q, and E	Monthly Visual Inspection of Cover, Quarterly Inspection with OVA of Surface, Various Reinspec-tion Times for Leaking Areas, and Records

VII. Applicable Limits and Compliance Monitoring Requirements

Table VII – C
Applicable Limits and Compliance Monitoring Requirements
S-9 GUADALUPE LANDFILL – WASTE DECOMPOSITION PROCESS, EQUIPPED WITH GAS COLLECTION SYSTEM; ABATED BY A-9 LANDFILL GAS FLARE; S-31 GUADALUPE LANDFILL – WASTE AND COVER MATERIAL DUMPING; AND S-32 GUADALUPE LANDFILL – EXCAVATING, BULLDOZING, AND COMPACTING

Type of Limit	Emission Limit Citation	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
TOC	40 CFR 60.753(d)	Y		≤ 500 ppmv as methane at 5-10 cm from surface	40 CFR 60.755(c)(1), (4) and (5), 60.756(f), and 60.758(c) and (e)	P/M, Q and E	Monthly Visual Inspection of Cover, Quarterly Inspection with OVA of Surface, Various Reinspec-tion Times for Leaking Areas, and Records
Non-Methane Organic Com-pounds (NMOC)	BAAQMD 8-34-301.3	Y		≥ 98% removal by weight OR < 30 ppmv, dry basis @ 3% O_2, expressed as methane (applies to A-9 only)	BAAQMD 8-34-412 and 8-34-501.4 and BAAQMD Condition # 6188, Part 14	P/A	Annual Source Tests and Records
Non-Methane Organic Com-pounds (NMOC)	40 CFR 60.752(b)(2)(iii)(B)	Y		≥ 98% removal by weight OR < 20 ppmv, dry basis @ 3% O_2, expressed as hexane (applies to A-9 only)	BAAQMD 8-34-412 and 8-34-501.4 and BAAQMD Condition # 6188, Part 14	P/A	Annual Source Tests and Records

VII. Applicable Limits and Compliance Monitoring Requirements

Table VII – C
Applicable Limits and Compliance Monitoring Requirements
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Type of Limit	Emission Limit Citation	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
Temperature of Combustion Zone (CT)	BAAQMD Condition # 6188, Part 8	Y		CT $\geq$ 1400 °F, averaged over any 3-hour period (applies to A-9 only)	BAAQMD 8-34-501.3 and 507, SIP 8-34-501.3 and BAAQMD Condition # 6188, Part 7	C	Temperature Sensor and Recorder (continuous)
Total Carbon	BAAQMD 8-2-301	Y		$\leq$ 15 pounds/day or $\leq$ 300 ppm, dry basis only for handling of soil containing $\leq$ 50 ppmv of volatile organic compounds	BAAQMD Permit Condition #6188, Part 19	P/D	Records
Contaminated Soil Limits	BAAQMD Permit Condition #6188, Part 20	Y		$\leq$ 50 ppmw organics; or $\leq$ 50 ppmw TPH as gasoline, $\leq$ 50 ppmw TPH as diesel, and $\leq$ 50 ppmw TPH as motor oil; or IBP of all organics $\geq$ 302 degrees F	BAAQMD Permit Condition #6188, Part20.m	P/E	Records of Soil Test Data
Amount of VOC Soil Aerated or Used as Cover	BAAQMD 8-40-116.1	N		$\leq$ 1 cubic yard per project	BAAQMD Condition # 6188, Part20.m.	P/E	Records

VII. Applicable Limits and Compliance Monitoring Requirements

Table VII – C
Applicable Limits and Compliance Monitoring Requirements
S-9 GUADALUPE LANDFILL – WASTE DECOMPOSITION PROCESS, EQUIPPED WITH GAS COLLECTION SYSTEM; ABATED BY A-9 LANDFILL GAS FLARE; S-31 GUADALUPE LANDFILL – WASTE AND COVER MATERIAL DUMPING; AND S-32 GUADALUPE LANDFILL – EXCAVATING, BULLDOZING, AND COMPACTING

Type of Limit	Emission Limit Citation	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
Amount of VOC Soil Aerated or Used as Cover	BAAQMD 8-40-116.2	N		≤ 8 cubic yards per project, provided organic content ≤ 500 ppmw and limited to 1 exempt project per 3 month period	BAAQMD 8-40-116.2 and BAAQMD Condition # 6188, Part20.m.	P/E	Records
Amount of Acci-dental Spillage	BAAQMD 8-40-117	N		Soil Contaminated by Accidental Spillage of ≤ 5 gallons of Liquid Organic Compounds		N	
Total Aeration Project Emissions	BAAQMD 8-40-118	N		≤ 150 pounds per project and toxic air contaminant emissions per year no more than BAAQMD Table 2-5-1 Trigger Levels	BAAQMD Condition # 6188, Part20.m.	P/E	Records
Amount of VOC Soil Aerated or Used as Cover	BAAQMD 8-40-301 and BAAQMD Condition #6188, Part20.k.	N		Prohibited for Soil with Organic Content >50 ppmw unless exempt per BAAQMD 8-40-116, 117, or 118	BAAQMD Condition # 6188, Part20.m.	P/E	Records

VII. Applicable Limits and Compliance Monitoring Requirements

Table VII – C
Applicable Limits and Compliance Monitoring Requirements
S-9 GUADALUPE LANDFILL – WASTE DECOMPOSITION PROCESS, EQUIPPED WITH GAS COLLECTION SYSTEM; ABATED BY A-9 LANDFILL GAS FLARE; S-31 GUADALUPE LANDFILL – WASTE AND COVER MATERIAL DUMPING; AND S-32 GUADALUPE LANDFILL – EXCAVATING, BULLDOZING, AND COMPACTING

Type of Limit	Emission Limit Citation	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
Amount of VOC Soil Aerated or Used as Cover	SIP 8-40-301	Y[1]		Organic Content ppmw / Amount yd^3/day 50-99 / 600 100-499 / 120 500-999 / 60 1000-1999 / 30 2000-2999 / 15 3000-3999 / 10 4000-4999 / 8 5000+ / 0.1	BAAQMD Condition # 6188, Part20.m.	P/E	Records
Contaminated Soil Handling	BAAQMD Condition #6188, Part20.e.	N		Limited to 2 on-site transfers per lot of contaminated soil	BAAQMD Condition # 6188, Part20.m.	P/E	Records
Contaminated Soil On-Site Storage Time	BAAQMD Condition #6188, Part20.f.-g.	N		If organic content is: < 500 ppmw, storage time $\leq$ 90 days; If organic content is: $\geq$ 500 ppmw, storage time $\leq$ 45 days	BAAQMD Condition # 6188, Part20.m.	P/E	Records
Opacity	BAAQMD 6-1-301	N		No Darker Than Ringelmann No. 1 for 3 minutes in any hour	BAAQMD Permit Condition #6188, Part 18	P/D	Records of Site Watering and Road Cleaning
Opacity	BAAQMD 6-1-301	N		No Darker Than Ringelmann No. 1 for 3 minutes in any hour (applies to A-9)	None	N	N/A

VII. Applicable Limits and Compliance Monitoring Requirements

Table VII – C
Applicable Limits and Compliance Monitoring Requirements
S-9 GUADALUPE LANDFILL – WASTE DECOMPOSITION PROCESS, EQUIPPED WITH GAS COLLECTION SYSTEM; ABATED BY A-9 LANDFILL GAS FLARE; S-31 GUADALUPE LANDFILL – WASTE AND COVER MATERIAL DUMPING; AND S-32 GUADALUPE LANDFILL – EXCAVATING, BULLDOZING, AND COMPACTING

Type of Limit	Emission Limit Citation	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
Opacity	SIP 6-301	Y		No Darker Than Ringelmann No. 1 for 3 minutes in any hour	BAAQMD Permit Condition #6188, Part 18	P/D	Records of Site Watering and Road Cleaning
Opacity	SIP 6-301	Y		No Darker Than Ringelmann No. 1 for 3 minutes in any hour (applies to A-9)	None	N	N/A
FP	BAAQMD 6-1-310	N		$\leq$ 0.15 grains/dscf (applies to A-9 only)	None	N	N/A
FP	SIP 6-310	Y		$\leq$ 0.15 grains/dscf (applies to A-9 only)	None	N	N/A
SO_2	BAAQMD 9-1-301	Y		Property Line Ground Level Limits: $\leq$ 0.5 ppm for 3 minutes and $\leq$ 0.25 ppm for 60 min. and $\leq$0.05 ppm for 24 hours (applies to A-9 only)	None	N	N/A
SO_2	BAAQMD 9-1-302	Y		$\leq$ 300 ppm (dry basis) (applies to A-9 only)	BAAQMD Condition # 6188, Part 14	P/A	Annual Source Test
NOx	BAAQMD Condition #6188, Part 9	Y		$\leq$ 16 ppm as NO_2 @ 15% O_2, dry basis (applies to A-9 only)	BAAQMD Condition # 6188, Part 14	P/A	Annual Source Test
CO	BAAQMD Condition #6188, Part 10	Y		$\leq$ 134 ppm @ 15% O_2, dry basis (applies to A-9 only)	BAAQMD Condition # 6188, Part 14	P/A	Annual Source Test

VII. Applicable Limits and Compliance Monitoring Requirements

Table VII – C
Applicable Limits and Compliance Monitoring Requirements
S-9 GUADALUPE LANDFILL – WASTE DECOMPOSITION PROCESS, EQUIPPED WITH GAS COLLECTION SYSTEM; ABATED BY A-9 LANDFILL GAS FLARE; S-31 GUADALUPE LANDFILL – WASTE AND COVER MATERIAL DUMPING; AND S-32 GUADALUPE LANDFILL – EXCAVATING, BULLDOZING, AND COMPACTING

Type of Limit	Emission Limit Citation	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
Site Watering	BAAQMD Condition #6188, Part 15	Y		Site Watering: 2 times daily; all unpaved roads and active soil removal and fill areas (rainless operating days only)	BAAQMD Condition #6188, Part 18	P/D	Records
Road Cleaning	BAAQMD Condition #6188, Part 16	Y		Paved Road Cleaning: (as necessary)	BAAQMD Condition #6188, Part 18	P/D	Records
H_2S	BAAQMD 9-2-301	N		Property Line ground level limits $\leq$ 0.06 ppm Averaged over 3 minutes and $\leq$ 0.03 ppm Averaged over 60 minutes	None	N	N/A
Startup Shutdown or Mal-function Pro-cedures	40 CFR 63.6(e)	Y	1/16/04	Minimize Emissions by Implementing SSM Plan	40 CFR 63.1980(a-b)	P/E	Records (all occurrences, duration of each, corrective actions)
Waste Received	BAAQMD Condition #6188, part 1a	Y		$\leq$ 3,650 ton per day	BAAQMD Condition #6188, part 4a	P/D	Records of Waste Received
Cumula-tive Waste in Place	BAAQMD Condition #6188, part 1b	Y		< 16.4 million tons (14.891 million Mg)	BAAQMD Condition #6188, part 4a	P/D	Records of Waste Received

VII. Applicable Limits and Compliance Monitoring Requirements

Table VII – D
Applicable Limits and Compliance Monitoring Requirements
S-18 MATERIALS RECOVERY OPERATION – DEBRIS SORTING SYSTEM

Type of Limit	Emission Limit Citation	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
Opacity	BAAQMD Regulation 6-1-301	N		No Darker Than Ringelmann No. 1.0 for 3 minutes in any hour	BAAQMD Condition #18258 Part 2	C	Continuous Observation of Source in Operation
Opacity	SIP Regulation 6-301	Y		No Darker Than Ringelmann No. 1.0 for 3 minutes in any hour	BAAQMD Condition #18258 Part 2	C	Continuous Observation of Source in Operation
Opacity	BAAQMD Condition #18258 Part 1	Y		No Darker Than Ringelmann No. 1.0	BAAQMD Condition #18258 Part 2	C	Continuous Observation of Source in Operation
FP	BAAQMD Regulation 6-1-311	N		$E = 0.026(P)^{0.67}$ where: E = Allowable Emission Rate (lb/hr); and P = Process Weight Rate (lb/hr) Maximum Allowable Emission Rate = 40 lb/hr for P >57,320 lb/hr	None	N	N/A
FP	SIP Regulation 6-311	Y		$E = 0.026(P)^{0.67}$ where: E = Allowable Emission Rate (lb/hr); and P = Process Weight Rate (lb/hr) Maximum Allowable Emission Rate = 40 lb/hr for P >57,320 lb/hr	None	N	N/A
Debris Received	BAAQMD Condition 18258 Part 3	Y		$\leq$ 900 tons per day, average, based on calendar month	BAAQMD Condition 18258 Part 4	P/D & M	Records

VII. Applicable Limits and Compliance Monitoring Requirements

Table VII – E
Applicable Limits and Compliance Monitoring Requirements
S-24: CONSTRUCTION AND DEMOLITION DEBRIS STOCKPILE

Type of Limit	Emission Limit Citation	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
Opacity	BAAQMD Regulation 6-1-301	N		No Darker Than Ringelmann No. 1.0 for 3 minutes in any hour	BAAQMD Condition 25537 Part 3	C	Continuous Observation of Source in Operation
Opacity	SIP Regulation 6-301	Y		No Darker Than Ringelmann No. 1.0 for 3 minutes in any hour	BAAQMD Condition 25537 Part 3	C	Continuous Observation of Source in Operation
Material Received	BAAQMD Condition 25537 Part 1	Y		$\leq$ 200,000 tons accepted in any consecutive 12 month period	BAAQMD Condition 25537 Part 5	P/D & M	Records
Material Processed	BAAQMD Condition 25537 Part 2	Y		$\leq$ 2,500 tons processed in any day	BAAQMD Condition 25537 Part 5	P/D & M	Records
Material Received and Processed	BAAQMD Condition 25537 Part 4	N		No exceedance of trigger level in Table 2-5-1 of Regulation 2-5	BAAQMD Condition 25537 Part 4	P/E	Observation of Material Received

VIII. TEST METHODS

The test methods associated with the emission limit of a District regulation are generally referenced in Section 600 et seq. of the regulation. The following table indicates only the test methods associated with the emission limits referenced in Section VII, Applicable Emission Limits & Compliance Monitoring Requirements, of this permit.

Table VIII
Test Methods

Applicable Requirement	Description of Requirement	Acceptable Test Methods
BAAQMD 6-1-301 and SIP 6-301	Ringelmann No. 1 Limitation	Manual of Procedures, Volume I, Evaluation of Visible Emissions; or US EPA Method 9, Visual Determination of the Opacity of Emissions from Stationary Sources
BAAQMD 6-1-303 and SIP 6-303	Ringelmann No. 2 Limitation	Manual of Procedures, Volume I, Evaluation of Visible Emissions; or US EPA Method 9, Visual Determination of the Opacity of Emissions from Stationary Sources
BAAQMD 6-1-310 and SIP 6-310	Particulate Weight Limitation	Manual of Procedures, Volume IV, ST-15, Particulate; or US EPA Method 9, Visual Determination of the Opacity of Emissions from Stationary Sources
BAAQMD 6-1-311 and SIP 6-311	Process Weight Rate Based Emissions Limits	Manual of Procedures, Volume IV, ST-15, Particulates Sampling, or Calculate Emissions in Accordance with US EPA AP-42 Procedures
BAAQMD 8-2-301 and SIP 8-2-301	Total Organic Compound (TOC) Mass and Concentration Limitations for Miscellaneous Operations	Manual of Procedures, Volume IV, ST-7, Non-Methane Organic Carbon Sampling; or US EPA Reference Method 25, Determination of Total Gaseous Nonmethane Organic Emissions as Carbon; or US EPA Reference Method 25A, Determination of Total Gaseous Nonmethane Organic Emissions Using a Flame Ionization Analyzer
BAAQMD 8-34-301.2	Collection and Control System Component Leak Limitations	US EPA Reference Method 21, Determination of Volatile Organic Compound Leaks
BAAQMD 8-34-301.3	NMOC Limits for Flares	Manual of Procedures, Volume IV, ST-7, Organic Compounds and ST-14, Oxygen, Continuous Sampling; or US EPA Reference Method 18, 25, 25A, or 25C
BAAQMD 8-34-303	Landfill Surface Leak Limit	US EPA Reference Method 21, Determination of Volatile Organic Compound Leaks
BAAQMD 8-34-305.1	Wellhead Gauge Pressure	APCO Approved Device
BAAQMD 8-34-305.2	Temperature Limit for Gas at Wellheads	APCO Approved Device
BAAQMD 8-34-305.3	Nitrogen Limit for Gas at Wellheads	US EPA Reference Method 3C, Determination of Carbon Dioxide, Methane, Nitrogen, and Oxygen from Stationary Sources

VIII. Test Methods

Table VIII
Test Methods

Applicable Requirement	Description of Requirement	Acceptable Test Methods
BAAQMD 8-34-305.4	Oxygen Limit for Gas at Wellheads	US EPA Reference Method 3C, Determination of Carbon Dioxide, Methane, Nitrogen, and Oxygen from Stationary Sources
BAAQMD 8-34-412	Compliance Demonstration Test	US EPA Reference Method 18, Measurement of Gaseous Organic Compound Emissions by Gas Chromatography, Method 25, Determination of Total Gaseous Nonmethane Organic Emissions as Carbon, Method 25A, Determination of Total Gaseous Organic Concentration Using a Flame Ionization Analyzer, or Method 25C, Determination of Nonmethane Organic Compounds (NMOC) in MSW Landfill Gases
BAAQMD 8-40-116.2	Organic Content Limit for Small Volume Exemption	BAAQMD 8-40-601 and EPA Reference Methods 8015B and 8021B
BAAQMD 8-40-301	Limits on Uncontrolled Aeration of Contaminated Soil	BAAQMD 8-40-601 and EPA Reference Methods 8015B and 8021B; or EPA Reference Method 21
BAAQMD 9-1-301	Limitations on Ground Level Concentrations (SO_2)	Manual of Procedures, Volume VI, Part 1, Ground Level Monitoring for Hydrogen Sulfide and Sulfur Dioxide
BAAQMD 9-1-302	General Emission Limitation (SO_2)	Manual of Procedures, Volume IV, ST-19A, Sulfur Dioxide, Continuous Sampling
BAAQMD 9-1-304	Liquid Fuel Sulfur Content Limit	Manual of Procedures, Volume III, Method 10, Determination of Sulfur in Fuel Oil
BAAQMD 9-2-301	Limitations on Hydrogen Sulfide	Manual of Procedures, Volume VI, Part 1, Ground Level Monitoring for Hydrogen Sulfide and Sulfur Dioxide
40 CFR 60.8	Performance Tests	US EPA Reference Method 18, Measurement of Gaseous Organic Compound Emissions by Gas Chromatography, Method 25, Determination of Total Gaseous Nonmethane Organic Emissions as Carbon, Method 25A, Determination of Total Gaseous Organic Concentration Using a Flame Ionization Analyzer, or Method 25C, Determination of Nonmethane Organic Compounds (NMOC) in MSW Landfill Gases
40 CFR 60.752 (b)(2)(iii)(B)	NMOC Outlet Concentration and Destruction Efficiency Limits	US EPA Reference Method 18, Measurement of Gaseous Organic Compound Emissions by Gas Chromatography, Method 25, Determination of Total Gaseous Nonmethane Organic Emissions as Carbon, Method 25A, Determination of Total Gaseous Organic Concentration Using a Flame Ionization Analyzer, or Method 25C, Determination of Nonmethane Organic Compounds (NMOC) in MSW Landfill Gases
40 CFR 60.753(b)	Wellhead Pressure	APCO Approved Device

VIII. Test Methods

Table VIII
Test Methods

Applicable Requirement	Description of Requirement	Acceptable Test Methods
40 CFR 60.753(c)	Temperature, N_2, and O_2 concentration in wellhead gas	US EPA Reference Method 3C, Determination of Carbon Dioxide, Methane, Nitrogen, and Oxygen from Stationary Sources
40 CFR 60.753(d)	Methane Limit at Landfill Surface	US EPA Reference Method 21, Determination of Volatile Organic Compound Leaks
BAAQMD Condition #6188, Part 3j(ii)	Wellhead Gauge Pressure	APCO Approved Device
BAAQMD Condition #6188, Parts 3a and 3b(i)	Temperature Limit for Gas at Wellheads	APCO Approved Device
BAAQMD Condition #6188, Part 3j(i)	Oxygen Limit for Gas at Wellheads	US EPA Reference Method 3C, Determination of Carbon Dioxide, Methane, Nitrogen, and Oxygen from Stationary Sources
BAAQMD Condition #6188, Part 8	Flare Combustion Temperature Limit	APCO Approved Device
BAAQMD Condition #6188, Part 9	Flare NOx Limit	Manual of Procedures, Volume IV, ST-13A, Oxides of Nitrogen, Continuous Sampling and ST-14, Oxygen, Continuous Sampling
BAAQMD Condition #6188, Part 10	Flare CO Limit	Manual of Procedures, Volume IV, ST-6, Carbon Monoxide, Continuous Sampling and ST-14, Oxygen, Continuous Sampling
BAAQMD Condition #6188, Part 13	Flare NMOC Limits	Manual of Procedures, Volume IV, ST-7, Organic Compounds and ST-14, Oxygen, Continuous Sampling; or US EPA Reference Method 18, 25, 25A, or 25C
BAAQMD Condition #6188, Part 17	Ringelmann No. 1 Limitation	Manual of Procedures, Volume I, Evaluation of Visible Emissions; or US EPA Method 9, Visual Determination of the Opacity of Emissions from Stationary Sources

VIII. Test Methods

Table VIII
Test Methods

Applicable Requirement	Description of Requirement	Acceptable Test Methods
BAAQMD Condition #6188, Part 19	Total Carbon Emission Limit for Use or Disposal of Soil Containing VOCs	VOC Content as determined by US EPA Reference Methods 8015B, 8021B (or any method determined to be equivalent by the US EPA and approved by the APCO) and converted to Total Carbon as defined in BAAQMD Regulation 8-2-202. Total Carbon Emissions determined by APCO approved equation described in BAAQMD Condition #6188, Part19.c.
BAAQMD Condition #6188, Part 20	Acceptance Criteria for VOC Contaminated Soil	US EPA Reference Methods 8015B, 8021B, or any method determined to be equivalent by the US EPA and approved by the APCO
BAAQMD Condition #8626, Part 4	Ringelmann No. 1 Limitation	Manual of Procedures, Volume I, Evaluation of Visible Emissions; or US EPA Method 9, Visual Determination of the Opacity of Emissions from Stationary Sources
BAAQMD Condition #18258, Part 1	Ringelmann No. 1 Limitation	Manual of Procedures, Volume I, Evaluation of Visible Emissions or US EPA Method 9, Visual Determination of the Opacity of Emissions from Stationary Sources

IX. PERMIT SHIELD

Not Applicable

X. REVISION HISTORY

Initial Title V Permit Issuance (Application #115): October 1, 2001

Minor Revision (No Application #): March 12, 2004

- The Responsible Official and Plant Contact was changed from James Lord to Paul Michael.
- The Maximum Daily Waste Acceptance Rate for the Landfill was corrected to coincide with the Solid Waste Permit.
- An exception to the daily waste acceptance limit was added for temporary situations that are approved by the Local Enforcement Agency.
- Source S-18, Materials Recovery Operation was added.
- Sources S-19 and S-20, Dirt Screening Operations were added.
- Sources S-21 and S-22, Diesel IC Engines for the Trommel Screen were added.
- The Enclosed Landfill Gas Flare, A-9 was added.
- The Water Spray System, A-19 was added.
- References to Sources S-3 and S-17 and Abatement Device A-3 were removed from all sections of the permit. This equipment is no longer located at the facility.
- Expired SIP requirements for Regulation 8, Rule 34 were removed.
- The number of active landfill gas collection wells was updated.
- The future effective dates for applicable requirements where those dates have already passed were removed.
- The requirements of the NESHAP for Municipal Solid Waste Landfills were added.
- The standard text in the permit was revised and updated.
- Part 22 was added to Permit Condition #6188 to synchronize reporting periods and allow overlapping reports to be combined.
- Regulation 8-34-301.4 was removed as an applicable requirement for the facility.
- The timeline for delivering source test results to the District was extended to 60 days after the test date.
- The reference to a bypass valve for the 40 CFR 60.753(a) and (e) “Gas Flow” requirement in Table VII-C (formerly VII-D) was removed from the “Monitoring Type” column.

Minor Revision (Application #9780): June 24, 2005

- The Responsible Official and Plant Contact was changed from Paul Michael to Joe Morse.
- The text of the permit was updated to reflect the current standard.
- References to the Trommel Screen S-1, the IC Engines S-21 and S-22, and the Water Spray System A-11 were removed from all sections of the permit. This equipment is no longer located at the facility
- The Generally Applicable Requirements in Table III were updated to remove outdated SIP requirements and to add requirements that were previously overlooked.
- Permit Condition #6188, part 2 was expanded to make a distinction between installed collection system equipment and that, which has been proposed and approved under an Authority to Construct, but not installed. In addition, the condition now identifies the specific well modification activities that are subject to the Authority to Construct requirement and those that are not.

X. Revision History

Permit Renewal (Application #14286): October 11, 2007

- Corrected source S-18 Debris Sorting System capacity; modified Condition 18258 accordingly (NSR AN 12985).
- Deleted (archived) sources S-19 and S-20 as per plant request.
- Added new source portable diesel compressor S-23 and catalytic diesel particulate filter A-23 to equipment list. Also added Condition 23202 (NSR AN 14009).
- Corrected Title V wording for Condition 6188 to reflect normal modifications to landfill gas recovery system configuration.
- Added daily recordkeeping requirement to Condition 6188, part 4a to improve enforceability of part 1a of Condition 6188.
- Corrected revision dates for BAAQMD regulations and SIP regulations in Table III Generally Applicable Requirements. Also modified Federally Enforceable flags where applicable in Tables III and IV.
- Added part 12 to Standard Conditions I. B.: Statement that the permit holder is responsible for compliance and statements of compliance with all conditions of the permit.
- Incorporated the requirements as applicable, of the Statewide Portable Diesel Engine Air Toxic Control Measure (ATCM).
- Incorporated the requirements as applicable of the Statewide Stationary Diesel Engine ATCM.
- Removed sulfur specification of 500 ppm sulfur in Condition
- Removed all references to Regulation 11-14 (Asbestos Containing Serpentine), which has been superseded by Statewide Asbestos ATCM for Surfacing Applications and Statewide Asbestos ATCM for Construction, Grading, Quarrying, and Surface Mining operations.
- Add description of renewal revisions to Section X.

Permit Renewal (Application #24359): December 20, 2013

- Add and revise introductions in Sections I, III, IV, VII, and VIII to conform to current standard text.
- Incorporate source number changes into this permit that were implemented pursuant to the BAAQMD annual permit renewal process. The active landfill, Source S-9, was split into three sources (S-9, S-31, and S-32) that represent different processes and activities that occur at active landfills. The new source numbers were added to Tables II-A, IV-A, VII-A, and Condition #6188.
- Deleted information for S-23, Portable Diesel Engine Compressor, as this permit was relinquished. Added information for S-24, Construction and Demolition Debris Stockpile, which was permitted in 2013 under NSR Application #24536.
- Add and correct capacity and descriptions of devices in Section II.
- Correct and update regulatory references and amendment dates throughout the permit.
- Add several missing BAAQMD and federal regulations to Table III, and add several new California regulations to Table III.

X. Revision History

- Update permit conditions by incorporating standard format and revisions from NSR applications for landfill collection system components (NSR Applications #18410, 20342, 21840, 21931, 23874, 25381).
- Update references to permit condition changes and new regulations throughout the permit.
- Add symbols to Tables in Section VII to clarify limits and update references.
- Update test method references in Table VIII.
- Update Section X Revision History by including missing application numbers and descriptions of the changes for this renewal application.
- Add terms to the Section XI Glossary

Administrative Amendment (Application #28178): October 13, 2016

- Daniel North was identified as the Responsible Official and Plant Contact.

Administrative Amendment (Application #705315): May 28, 2024

- The Responsible Official and Plant Contact was changed from Daniel North to Michael Tejero.

Administrative Amendment (Application #743607): May 12, 2026

- The Responsible Official and Plant Contact was changed from Michael Tejero to John Doyle.
- The BAAQMD Permit Division Contact was updated to Ryan Atterbury.

XI. GLOSSARY

ACT
Federal Clean Air Act

AP-42
An EPA Document "Compilation of Air Pollution Emission Factors" that is used to estimate emissions from numerous source types. It is available electronically from EPA's web site at" http://www.epa.gov/ttn/chief/ap42/index.html

APCO
Air Pollution Control Officer: Executive Officer of the Bay Area Air Quality Management District.

API
American Petroleum Institute

ARB
Air Resources Board (same as CARB)

ASTM
American Society for Testing and Materials

ATC
Authority to Construct

ATCM
Air Toxic Control Measure

BAAQMD
Bay Area Air Quality Management District

BACT
Best Available Control Technology

BARCT
Best Available Retrofit Technology

Basis
The underlying authority that allows the District to impose requirements

C1
An organic compound with one carbon atom. Example: methane

C3
An organic compound with three carbon atoms. Example: propane

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C5
An organic compound with five carbon atoms. Example: pentane

C6
An organic compound with six carbon atoms. Example: hexane

C_6H_6
Benzene

CAA
The federal Clean Air Act

CAAQS
California Ambient Air Quality Standards

CAPCOA
California Air Pollution Control Officers Association

CARB
California Air Resources Board (same as ARB)

CCR
California Code of Regulations

CEC
California Energy Commission

CEM
A "continuous emission monitor" is a monitoring device that provides a continuous direct measurement of some pollutant (e.g. NOx concentration) in an exhaust stream.

CEQA
California Environmental Quality Act

CFR
The Code of Federal Regulations. 40 CFR contains the implementing regulations for federal environmental statutes such as the Clean Air Act. Parts 50-99 of 40 CFR contain the requirements for air pollution programs.

CH4 or CH_4
Methane

CI
Compression Ignition

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CIWMB
California Integrated Waste Management Board

CO
Carbon Monoxide

CO2 or CO_2
Carbon Dioxide

CO2e
Carbon Dioxide Equivalent. A carbon dioxide equivalent emission rate is the emission rate of a greenhouse gas compound that has been adjusted by multiplying the mass emission rate by the global warming potential of the greenhouse gas compound. These adjusted emission rates for individual compounds are typically summed together, and the total is also referred to as the carbon dioxide equivalent (CO2e) emission rate.

CT
Combustion Zone Temperature

Cumulative Increase
The sum of permitted emissions from each new or modified source since a specified date pursuant to BAAQMD Rule 2-1-403, Permit Conditions (as amended by the District Board on 7/17/91) and SIP Rule 2-1-403, Permit Conditions (as approved by EPA on 6/23/95). Used to determine whether threshold-based requirements are triggered.

District
The Bay Area Air Quality Management District

E 6, E 9, E 12
Very large or very small number values are commonly expressed in a form called scientific notation, which consists of a decimal part multiplied by 10 raised to some power. For example, 4.53 E 6 equals (4.53) x (10^6) = (4.53) x (10 x 10 x 10 x 10 x 10 x 10) = 4,530,000. Scientific notation is used to express large or small numbers without writing out long strings of zeros.

EG
Emission Guidelines

EO
Executive Order

EPA
The federal Environmental Protection Agency.

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Excluded
Not subject to any District Regulations.

Federally Enforceable, FE
All limitations and conditions which are enforceable by the Administrator of the EPA including those requirements developed pursuant to 40 CFR Part 51, subpart I (NSR), Part 52.21 (PSD), Part 60, (NSPS), Part 61, (NESHAPs), Part 63 (HAP), and Part 72 (Permits Regulation, Acid Rain), and also including limitations and conditions contained in operating permits issued under an EPA-approved program that has been incorporated into the SIP.

FP
Filterable Particulate as measured by BAAQMD Method ST-15, Particulate.

FR
Federal Register

GDF
Gasoline Dispensing Facility

GHG
Greenhouse Gas

GLM
Ground Level Monitor

Grains
1/7000 of a pound

GWP
Global Warming Potential. A comparison of the ability of each greenhouse gas to trap heat in the atmosphere relative to that of carbon dioxide over a specific time period.

H2S or H_2S
Hydrogen Sulfide

H2SO4 or H_2SO_4
Sulfuric Acid

H&SC
Health and Safety Code

HAP
Hazardous Air Pollutant. Any pollutant listed pursuant to Section 112(b) of the Act. Also refers to the program mandated by Title I, Section 112, of the Act and implemented by both 40 CFR Part 63, and District Regulation 2, Rule 5.

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Hg
Mercury

HHV
Higher Heating Value. The quantity of heat evolved as determined by a calorimeter where the combustion products are cooled to 60F and all water vapor is condensed to liquid.

LEA
Local Enforcement Agency

LFG
Landfill gas

LHV
Lower Heating Value. Similar to the higher heating value (see HHV) except that the water produced by the combustion is not condensed but retained as vapor at 60 °F.

Long ton
2200 pounds

Major Facility
A facility with potential emissions of regulated air pollutants greater than or equal to 100 tons per year, greater than or equal to 10 tons per year of any single hazardous air pollutant, and/or greater than or equal to 25 tons per year of any combination of hazardous air pollutants, or such lesser quantity as determined by the EPA administrator.

MAX or Max.
Maximum

MFR
Major Facility Review. The District's term for the federal operating permit program mandated by Title V of the Act and implemented by District Regulation 2, Rule 6.

MIN or Min.
Minimum

MOP
The District's Manual of Procedures.

MSDS
Material Safety Data Sheet

MSW
Municipal solid waste

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MTBE
Methyl tertiary-butyl ether

MW
Molecular weight

N2 or N_2
Nitrogen

N2O or N_2O
Nitrous Oxide

NA
Not Applicable

NAAQS
National Ambient Air Quality Standards

NESHAPs
National Emission Standards for Hazardous Air Pollutants. Contained in 40 CFR Part 61.

NMHC
Non-methane Hydrocarbons (Same as NMOC)

NMOC
Non-methane Organic Compounds (Same as NMHC)

NO2 or NO_2
Nitrogen Dioxide

NOx
Oxides of nitrogen.

NSPS
Standards of Performance for New Stationary Sources. Federal standards for emissions from new stationary sources. Mandated by Title I, Section 111 of the Act, and implemented by both 40 CFR Part 60 and District Regulation 10.

NSR
New Source Review. A federal program for pre-construction review and permitting of new and modified sources of air pollutants for which the District is classified "non-attainment". Mandated by Title I of the Clean Air Act and implemented by 40 CFR Parts 51 and 52 as well as District Regulation 2, Rule 2. (Note: There are additional NSR requirements mandated by the California Clean Air Act.)

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O2 or O_2
Oxygen

Offset Requirement
A New Source Review requirement to provide federally enforceable emission offsets at a specified ratio for the emissions from a new or modified source and any pre-existing cumulative increase minus any onsite contemporaneous emission reduction credits. Applies to emissions of POC, NOx, PM10, and SO2.

PERP
Portable Equipment Registration Program

Phase II Acid Rain Facility
A facility that generates electricity for sale through fossil-fuel combustion and by virtue of certain other characteristics (defined in Regulation 2, Rule 6) is subject to Titles IV and V of the Clean Air Act.

POC
Precursor Organic Compounds

PM
Total Particulate Matter

PM10 or PM_{10}
Particulate matter with aerodynamic equivalent diameter of less than or equal to 10 microns

PM2.5 or $PM_{2.5}$
Particulate matter with aerodynamic equivalent diameter of less than or equal to 2.5 microns

PSD
Prevention of Significant Deterioration. A federal program for permitting new and modified sources of air pollutants for which the District is classified "attainment" of the National Air Ambient Quality Standards. Mandated by Title I of the Act and implemented by both 40 CFR Part 52 and District Regulation 2, Rule 2.

PV or P/V Valve or PRV
Pressure/Vacuum Relief Valve

Regulated Organic Liquid
"Regulated organic liquids" are those liquids which require permits, or which are subject to some regulation, when processed at a liquid-handling operation. For example, for refinery marine terminals, regulated organic liquids are defined as "organic liquids" in Regulation 8, Rule 44.

XI. Glossary

RICE
Reciprocating Internal Combustion Engine

RMP
Risk Management Plan

RWQCB
Regional Water Quality Control Board

S
Sulfur

SCR
A "selective catalytic reduction" unit is an abatement device that reduces NOx concentrations in the exhaust stream of a combustion device. SCRs utilize a catalyst, which operates at a specific temperature range, and injected ammonia to promote the conversion of NOx compounds to nitrogen gas.

Short ton
2000 pounds

SIP
State Implementation Plan. State and District programs and regulations approved by EPA and developed in order to attain the National Air Ambient Quality Standards. Mandated by Title I of the Act.

SO2 or SO_2
Sulfur dioxide

SO3 or SO_3
Sulfur trioxide

SSM
Startup, Shutdown, or Malfunction

SSM Plan
A plan, which states the procedures that will be followed during a startup, shutdown, or malfunction, that is prepared in accordance with the general NESHAP provisions (40 CFR Part 63, Subpart A) and maintained on site at the facility.

TAC
Toxic Air Contaminant (as identified by CARB)

TBACT
Best Available Control Technology for Toxics

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THC
Total Hydrocarbons (NMHC + Methane)

Therm
100,000 British Thermal Unit

Title V
Title V of the federal Clean Air Act. Requires a federally enforceable operating permit program for major and certain other facilities.

TOC
Total Organic Compounds (NMOC + Methane, Same as THC)

TPH
Total Petroleum Hydrocarbons

TRMP
Toxic Risk Management Policy

TRS
Total Reduced Sulfur, which is a measure of the amount of sulfur containing compounds in a gas stream, typically a fuel gas stream, including, but not limited to, hydrogen sulfide. The TRS content of a fuel gas determines the concentration of SO_2 that will be present in the combusted fuel gas, since sulfur compounds are converted to SO_2 by the combustion process.

TSP
Total Suspended Particulate

TVP
True Vapor Pressure

VMT
Vehicle Miles Traveled

VOC
Volatile Organic Compounds

Symbols:

<	=	less than
>	=	greater than
$\leq$	=	less than or equal to
$\geq$	=	greater than or equal to

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Units of Measure:

atm	=	atmospheres
bbl	=	barrel of liquid (42 gallons)
bhp	=	brake-horsepower
btu	=	British Thermal Unit
BTU	=	British Thermal Unit
°C	=	degrees Centigrade
cfm	=	cubic feet per minute
dscf	=	dry standard cubic feet
°F	=	degrees Fahrenheit
ft^3	=	cubic feet
g	=	grams
gal	=	gallon
gpm	=	gallons per minute
gr	=	grains
hp	=	horsepower
hr	=	hour
in	=	inches
kW	=	kilowatts
lb	=	pound
lbmol	=	pound-mole
m^2	=	square meter
m^3	=	cubic meters
Mg	=	mega grams
min	=	minute
mm	=	millimeter
mm Hg	=	millimeters of mercury (pressure)
MM	=	million
MM BTU	=	million BTU
M cf	=	one thousand cubic feet
MM cf	=	one million cubic feet
MW	=	megawatts
ppb	=	parts per billion
ppbv	=	parts per billion, by volume
ppm	=	parts per million
ppmv	=	parts per million, by volume
ppmw	=	parts per million, by weight
psia	=	pounds per square inch, absolute
psig	=	pounds per square inch, gauge
scf	=	standard cubic feet
scfm	=	standard cubic feet per minute
sdcf	=	standard dry cubic feet
sdcfm	=	standard dry cubic feet per minute
yd	=	yard
yd^3	=	cubic yards
yr	=	year