

**PLACER COUNTY AIR POLLUTION CONTROL DISTRICT**

**Proposed Title V Permit to Operate  
Statement of Basis  
Western Regional Landfill**

Pursuant to Rule 507, the Placer County Air Pollution Control District (District) intends to issue the following proposed Title V Operating Permit.

**Permit Number:** WR-001

**District Contact:** Todd Nishikawa

**Issued To:**

Western Placer Waste  
Management Authority  
11476 C Avenue  
Auburn, CA 95603

**Plant Site Location:**

Western Regional  
Sanitary Landfill  
3195 Athens Avenue  
Lincoln, CA 94568

**Proposed :** December, 2003

**Effective :** (Pending Public and EPA Review)

**Expiration:** (5 years from Effective Date)

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**Nature of Business:** Type II/III solid waste disposal site - Landfill

**SIC Code:** 4953

**Responsible Official**

Thomas Miller  
Executive Director  
Phone: (530) 889-7417

**Facility Contact**

Eric Oddo, P.E.  
Associate Civil Engineer  
Phone: (530) 889-7417

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Proposed Title V Operating Permit WR-001

## **1. Title V Background**

The Federal Clean Air Act Amendments of 1990 established the nation-wide permit program commonly known as "Title V." The Placer County Air Pollution Control District adopted Rule 507, Federal Operating Permit Program, to implement the federal program locally. The District received Interim Program Approval from the EPA on 12/8/94 (59 FR 63289 Interim Approval) and 5/3/95 (60 FR 21720 Interim Approval).

District Rule 507, Federal Operating Permits, established the procedures and requirements for issuing operating permits consistent with the requirements of Title V of the Clean Air Act, as amended in 1990, pursuant to Title 40 CFR Part 70.

As stipulated in Section 401.4.b. of District Rule 507, this document is the Statement of Basis that sets forth the legal and factual basis for the permit conditions which have been incorporated into the Title V permit to operate. The purpose of this statement is to enable interested parties to efficiently review the proposed permit and the decisions made by the District in drafting the permit. Specifically, this statement should enable reviewers to evaluate whether the permit contains conditions that accurately reflect the requirements of any underlying laws or regulations and whether the permit conditions are enforceable through monitoring, record keeping and reporting requirements.

## 2. Facility Description and Equipment Lists

### A. Description

The Western Regional Sanitary Landfill is operated by the Western Placer Waste Management Authority (WPWMA). The landfill is located near Highway 65 between the cities of Roseville and Lincoln. With the current available space, and through the recovery efforts, the landfill will be able to accept waste until approximately 2036.

As the garbage decomposes in the landfill, it produces methane gas. The WPWMA collects the gas from the landfill and burns the gas in a District permitted flare to reduce hazards associated with landfill gas.

#### Facility Summary

Total Acreage:	281 Acres
Disposal Acreage:	231 Acres
Permitted Capacity:	36,350,000 Cubic Yards
Remaining Capacity:	10,470,377 Cubic Yards
Permitted Throughput:	1,900 Tons/day
Closure Date:	1/1/2036 Estimated
Waste Types:	Ash, Construction/demolition Mixed municipal waste, Sludge (BioSolids)

Source: Integrated Waste Management Board

### B. Equipment Listing

(See Proposed Permit WR-001 attached)

### 3. Applicability of District Rule 507 Title V Operating Permits

Rule 507 section 102 identifies which stationary sources are subject to Rule 507. Source subject to Title V permitting requirements include major stationary sources, acid rain units subject to Title IV of the Federal Clean Air Act, solid waste incinerators subject to Section 111 or 129 of the Federal Clean Air Act, and any other stationary sources specifically designated by rule of the US Environmental Protection Agency.

For the purposes of District Rule 507, Section 219.2 defines a “major source” as any source with the potential to emit above the following emission levels:

1. 10 tons per year, or more, of any hazardous air pollutant listed pursuant to Section 112(b) of the CAA or 25 tons per year, or more, of any combination of hazardous air pollutants listed or,
2. 25 tons per year of nitrogen oxides, or
3. 25 tons per year of volatile organic compounds, or
4. 100 tons per year of sulfur dioxide, or
5. 100 tons per year of carbon monoxide, or
6. 100 tons per year of PM10, or
7. 100 tons per year of a regulated air pollutant, or
8. Any lesser emission threshold quantity promulgated by the EPA.

Western Regional Landfill reported the following potential VOC, NO<sub>x</sub>, CO, SO<sub>x</sub>, and PM10 emissions in its Title V permit application.

**Potential Emission in Tons Per Year**

VOC	NO <sub>x</sub>	CO	SO <sub>x</sub>	PM10
3.02	4.12	0.18	1.09	34.1

Source: Form507-7 (revised application)

Western Regional Landfill’s potential emissions are below the Title V major source trigger levels.

Western Regional is however subject to standards or other requirements promulgated pursuant to Section 111 or 112 of the Federal Clean Air Act, published after July 21, 1992, that are designated as subject to the requirements of Title V of the Federal Clean Air Act in the standard or requirement.

Western Regional Landfill has a design capacity greater than 2.5 million megagrams and 2.5 million cubic meters. In addition, Western Regional Landfill increased its design capacity after May 30, 1991. The provisions of 40 CFR § 60.750 apply to each municipal solid waste landfill with a design capacity greater than 2.5 megagrams and 2.5 million cubic meters that commenced

construction, reconstruction or modification on or after May 30, 1991. A modification is defined by 40 CFR 60.751 as an increase in the permitted volume design capacity of the landfill by either horizontal or vertical expansion based on its permitted design capacity as of May 30, 1991. Therefore, Western Regional is subject to the requirements of 40 CFR § 60.750, New Source Performance Standard for Municipal Waste Landfills. 40 CFR § 60.752(b) states that the owner or operator of a MSW landfill subject to this subpart is also subject to part 70 or 71 permitting requirements which makes the Western Regional subject to District Rule 507.

## **4. Applicable Requirements**

District Rule 507 Section 303.1.e, requires each source subject to the requirements of this rule to submit a permit application and to identify all applicable conditions and requirements originating from the following orders, rules, regulations and laws:

### **A. Provisions of Division 26 of the California Health and Safety Code, commencing with Section 39000;**

The provisions of Division 26 of the Health & Safety Code address protection of air quality in California. Several sections of Division 26 apply to Western Regional Landfill. Applicable requirements include administrative permit requirements, the state's opacity standards, and requirements of the Air Toxics Hot Spots reporting program. These requirements are currently being and will continue to be enforced by the District.

### **B. All applicable orders, rules, and regulations of the District and the California Air Resources Board (ARB);**

District orders, rules, and regulations are reflected in the District's rules and District issued permits. Several rule and permit requirements are currently, and will continue to be, enforce by the District.

The regulations of the California Air Resources Board are codified in the California Code or Regulations under Title 13 and Title 17. Title 13 specifies standards which apply to mobile sources of emissions and do not apply to the Western Regional Landfill facility. Title 17 specifies standards which apply to stationary sources of emissions. Several sections may apply to the Western Regional Landfill facility operations. Title 17 requirements include standard source test methods and requirements on abrasive blasting operations. These requirements, if applicable, will be enforced by the District.

### **C. All applicable provisions of the implementation plan required by the Federal Clean Air Act;**

In California, the provisions of the implementation plan required by the Federal Clean Air Act are contained in the state implementation plan (SIP). The SIP is the state's plan for improving or maintaining air quality and complying with this federal requirement.

The Federal Clean Air Act requires states to submit the SIP to U.S. EPA for its review and approval. In California the local air pollution control agencies have primary jurisdiction over stationary sources of emissions. The SIP contains the local air permitting authority (District) rules and regulations necessary to implement the programs mandated by federal law.

Once U.S. EPA adopts the plan or parts of it, the plan and the requirements contained in the plan become “federally enforceable” by the U.S. EPA. District rules adopted into the SIP are federally enforceable. However, new or modified District rules are not federally enforceable until they are approved and adopted into the SIP by the U.S. EPA. District rules and regulations are typically reflected by conditions contained in District issued authority to construct and operating permits.

**D. Each applicable emission standard or limitation, rule, regulation, or requirement adopted or promulgated to implement the Federal Clean Air Act; and**

These standards are found in several sections of Title 40 of the Code of Federal Regulations. Section 205 of District Rule 507 specifically identifies the regulations that must be evaluated for applicable standards and requirements.

**E. The requirements of all preconstruction permits issued pursuant to Parts C and D of the Federal Clean Air Act.**

Part C of the Federal Clean Air Act address Prevention of Significant Deterioration (PSD) of air quality. PSD requirements are applicable in areas that are in attainment of federal air quality standards. Part D of the Act addresses requirements applicable in areas that are not in attainment of federal air quality standards. Part D requirements are known as New Source Review requirements.

Current Placer county Federal Air Quality Designations are as follows:

<b>Pollutant</b>	<b>Federal Designation</b>
TSP	Better than National Standard
SO2	Can not be Classified
CO	Attainment
Ozone	Nonattainment
PM10	Unclassifiable
NO2	Cannot be classified or better than national standards

[43 FR 8964, Mar. 3, 1978]

Note: EPA has replaced the total suspended particulate (TSP) ambient air quality standard with the PM<sub>10</sub> standard. TSP is no longer a relevant ambient air quality standard.

Preconstruction requirements issued pursuant to Part C are contained in Federal PSD permits issued by the U.S. EPA. Preconstruction requirements issued pursuant to Part D are contained in

permits issued under District New Source Review.

Western Regional Landfill is not currently subject to federal PSD requirements and has not been issued a PSD permit by U.S. EPA. However, Western Regional Landfill has been issued District permit pursuant to District Rule 502, New Source Review.

## **5. Permit Development**

### **A. Incorporation of Applicable Federal Requirements as Conditions**

Rule 507 requires specific procedures to follow to ensure that each permit issued pursuant to this rule contains the terms and conditions that will adequately ensure compliance with all applicable federal requirements. Section 402.1 of District Rule 507 prescribes the procedure that is to be used to incorporate applicable federal requirements into Title V permit conditions. The following steps are to be taken when developing a Title V permit.

1. Permit conditions which addressed non-federally enforceable requirements are to be distinguished from conditions which addressed federal requirements by labeling such conditions as “**District Only**”;
2. When a federal requirement and similar non-federally enforceable requirement apply to the same emissions unit, both requirements must be incorporated as permit conditions; and
3. When a federal requirement and a similar non-federally enforceable requirement apply to the same emissions unit and the requirements are mutually exclusive, the requirement specified in the preconstruction permit or the more stringent requirement is to be incorporated as the Title V permit condition and the other requirement referenced in the Title V permit.

These procedures have been followed in developing the proposed Title V permit to operate.

### **B. Specific Terms and Conditions Required by Section 402.2 of Rule 507**

District Rule 507 Section 402.2 requires specific terms and conditions that must be incorporated into District Title V permits to be consistent with the requirements of 40 CFR Part 70.6 (Permit Content). These terms and conditions include the following:

#### **1. Federal Emission and Operational Limitations**

All emissions limits as well as operating conditions identified for the Western Regional Landfill facility have been incorporated into Section 2, Unit Specific Conditions, of the proposed Title V permit to operate.

#### **2. Preconstruction Permit Requirements**

A review of all preconstruction (Authority to Construct) and operating permits has been performed. Conditions have been grouped into three categories, obsolete conditions, conditions streamlined by conditions incorporated into the proposed permit, and conditions incorporated into the proposed Title V permit to operate.

### **3. Origin and Authority of Permit Conditions**

The origin and authority of each term or condition contained in the proposed Title V permit to operate have been identified for each term or condition.

### **4. Equipment Identification**

A description of the facility and a listing of equipment to which the terms and conditions apply are contained in Section 1 (Facility Description and Equipment Lists) of the proposed Title V permit to operate.

### **5. Monitoring, Testing, and Analysis**

Monitoring, testing, and analysis requirements have been incorporated into the terms and conditions found in Section 6 (Monitoring, Testing, and Record Keeping) of the proposed Title V permit to operate.

### **6. Record Keeping**

Record keeping requirements have been incorporated into the conditions contained in Section 6 (Monitoring, Testing, and Record Keeping) of the proposed Title V permit to operate.

### **7. Reporting**

Reporting requirements have been incorporated into Section 6 (Monitoring, Testing, and Record Keeping) of the proposed Title V permit to operate.

### **8. Compliance Plan**

A condition requiring Western Regional Landfill to follow the compliance plan submitted in its initial Title V permit application has been incorporated into Section 7 (Compliance Certification) of the proposed Title V permit to operate. A copy of the compliance plan submitted with the initial permit application is attached to the proposed Title V permit to operate.

### **9. Compliance Schedule**

All emission units operated by Western Regional Landfill at the facility are currently in compliance. A requirement for a compliance schedule submittal in cases of non-compliance has been incorporated into Section 7 (Compliance Certification) of the proposed Title V permit to operate.

## **10. Right of Entry**

A condition requiring Western Regional Landfill to allow District, ARB, or U.S. Environmental Protection Agency officials entry for the purpose of inspecting and sampling has been incorporated into Section 4 (Standard Terms and Conditions) of the proposed permit.

## **11. Compliance with Permit Conditions**

Provisions regarding compliance with all terms and conditions have been incorporated in Section 3 and Section 4 of the proposed Title V permit to operate.

## **12. Emergency Provisions**

Emergency provisions have been incorporated in Section 4 ( Standard Terms and Conditions, condition 4.K) of the proposed Title V permit to operate.

## **13. Severability**

A severability clause to ensure the continued validity of otherwise unaffected permit requirements has been incorporated in Section 4 (Standard Terms and Conditions, condition 4.D) of the proposed permit.

## **14. Compliance Certification**

A compliance certification requirement has been incorporated into Section 7 (Compliance Certification) of the proposed Title V permit to operate.

## **15. Permit Life**

A fixed term of 5 (five) years has been incorporated into Section 4 (Standard Terms and Conditions, condition 4.A) of the proposed permit.

## **16. Payment of Fees**

Conditions to ensure that appropriate permit fees are paid on schedule have been incorporated into Section 4 (Standard Terms and Conditions, condition 4.B) of the proposed Title V permit to operate.

## **17. Alternative Operating Scenarios**

The alternative operating scenario requested by the responsible official has been incorporated into Section 5 (Alternative Scenarios) of the proposed Title V permit to operate.

### **18. Voluntary Emissions Caps/Emissions Netting**

Provisions for emissions caps/emissions netting have been incorporated into Section 4 (Standard Terms and Conditions) of the proposed Title V permit to operate.

### **19. Acid Rain Units Subject to Title IV**

These requirements do not apply to Western Regional Landfill and have not been incorporated into the proposed Title V permit to operate.

### **20. Portable/Temporary Sources**

Western Regional Landfill does not operate portable or temporary sources. These requirements do not apply to Western Regional Landfill and have not been included in the proposed Title V permit to operate.

## **6. Reviews for Applicable Requirement**

Section 302.1 of District Rule 507 requires Title V permits to operate incorporate conditions sufficient to ensure compliance with all applicable requirements. To ensure that this requirement was met, the following rules and regulations have been reviewed for applicable requirements.

### **A. Division 26 of the California Health and Safety Code.**

With the exception of administrative requirements, most requirements contained in Division 26 of the California Health and Safety Code are reflected in or have been incorporated into the District's rules. For example, requirements for preconstruction permits, opacity limits, and "Air Toxics Hotspots" reporting are contained in District rules and reflected in District issued permits.

### **B. District SIP Adopted Rules**

District rules adopted into the state implementation plan (SIP) have been reviewed for applicable requirements. The results of this review are summarized in **Table 1 - SIP Rules**.

### **C. District Non SIP Adopted Rules**

District rules not adopted into the SIP have also been reviewed for applicable requirements. The results of this review are summarized in **Table 2 - Non-SIP Rules**. Requirements incorporated into the proposed Title V permit to operate originating from Non -SIP rules have been designated as "**District Only**".

### **D. Preconstruction Permit Requirements from Authority to Construct/ Permits to Operate**

All Prevention of Significant Deterioration (PSD) permits, Authorities to Construct (ATC) and Permits to Operate (PTO) have been reviewed for federally enforceable preconstruction conditions. Terms and conditions from Western Regional Landfill's preconstruction permits and permits to operate were reviewed and then grouped into three categories, obsolete conditions (requirements already met or no longer applicable), conditions streamlined (conditions already similar to conditions already incorporated into the proposed permit), and conditions that were to be incorporated into the proposed permit to operate. The results of these reviews are presented in summarized form in the following tables; **Table 3 - Incorporated Conditions; Table 4 - Streamlined Conditions; and Table 5 - Obsolete Conditions**.

### **E. Federal Emissions and Operational Limits**

Titles I, III, IV, and VI of Federal Clean Air Act and Section 504(b) of the Federal Clean Air Act have been reviewed for applicable requirements as prescribed in Section 205 of District Rule 507. The results of the Federal emissions and operational limitations review are presented in **Table 6 - Summary of Applicable Federal Requirements**.

**Table 1**  
**Western Regional Landfill Corporation**  
**District SIP Rules**

<b>Rule#</b>	<b>Title</b>	<b>Applicable</b>	<b>Basis</b>	<b>In Compliance</b>	<b>Condition</b>
Regulation 1-General Provisions					
101	Title	Y	Administrative requirement	Y	N
102	Definitions	Y	Administrative requirement	Y	N
103	Validity	Y	Administrative requirement	Y	N
Regulation 2-Prohibitions					
201	Coverage	Y	Administrative requirement	Y	N
202	Visible Emissions	Y	Opacity limit	Y	3.A.
203	Exceptions to Rule 202	N	Not exempt from visible emission limits	N/A	N/A
204	Wet Plumes	Y	Does not have uncombined water in flare exhaust	Y	N
209	Fossil Fueled Boilers	N	Does not operate a boiler	N/A	N/A
210	Specific Contaminants	Y	.2% SO <sub>2</sub> ; .1 gr./dscf PM	Y	3.D.1.and 3.D.2.
211	Process Weight	Y	Material handling	Y	3.E.
216	Organic Solvent Cleaning and Degreasing Operations	N	Not a degreasing operation as defined in section 202	N/A	N/A
217	Cutback and Emulsified Asphalt Paving Materials	Y	Minor paving operations, insignificant source	Y	N/A

<b>Rule#</b>	<b>Title</b>	<b>Applicable</b>	<b>Basis</b>	<b>In Compliance</b>	<b>Condition</b>
219	Organic Solvents	Y	Insignificant uses of organic solvents	Y	N/A
220	Abrasive Blasting	N	Not an abrasive blasting operation	N/A	N/A
221	Compliance Tests	Y	Compliance tests require approved methods	Y	6.A.4
<b>Regulation 3-Open Burning</b>					
300	Open Burning	N/A	None in SIP Does not Open Burn	N/A	N/A
<b>Regulation 4-Miscellaneous Provisions</b>					
406	Combination of Emissions	Y	Does not have combined exhaust	Y	N
407	Circumvention	Y	Administrative requirement	Y	N
408	Source Record Keeping and Reporting	Y	Administrative requirement	Y	3.G
Regulation 5-Permits -Current District rules are not adopted into the SIP. However, EPA considers Non-SIP rules that replace rule previously adopted in the SIP as federally enforceable.					
Regulation 6-Fees - Not considered applicable federal requirements					
Regulation 7- Hearing Board - Not considered applicable federal requirements					
Regulation 8-Enforcement - Not considered applicable federal requirements					
Regulation 9-Air Toxic Contaminants - None in SIP					

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**Table 2  
Western Regional Landfill Corporation  
District Non-SIP Rules**

<b>Rule#</b>	<b>Title</b>	<b>Applicable</b>	<b>Basis</b>	<b>Compliance</b>	<b>Condition#</b>
Regulation 1-General Provisions					
100	General Provisions	Y	All in SIP/ Administrative requirement	Y	N
Regulation 2-Prohibitions					
205	Nuisance	Y	Odors, fugitive dust	Y	3.B.1., 3.B.2.and 3.B.3.
206	Incinerator Burning	N	Does not operate an incinerator	N/A	N/A
207	Particulate Matter	Y	.1gr/dscf PM limit from any single source	Y	3.C
208	Orchard or Citrus Heater	N	Does not operate orchard heaters	N/A	N/A
212	Storage of Organic Liquids	N	insignificant organic liquid/ tanks exempt	N/A	N/A
213	Gasoline Transfer into Storage Tanks	N	Does not transfer/store gasoline	N/A	N/A
214	Transfer of Gasoline into Vehicle Fuel Tanks	N	Does not transfer gasoline to vehicles	N/A	N/A
215	Transfer of Gasoline into Tank Trucks, Trailers, and Railroad cars	N	Does not transfer gasoline into tank trucks, railroad cars or trailers.	N/A	N/A
218	Architectural Coatings	Y	Maintenance operations insignificant source	Y	N
222	Reduction of Animal Matter	N	Does not reduce animal matter	N/A	N/A

<b>Rule#</b>	<b>Title</b>	<b>Applicable</b>	<b>Basis</b>	<b>Compliance</b>	<b>Condition#</b>
223	Metal Can Coating	N	Does not coat meat cans	N/A	N/A
224	Aggregate Containing Asbestos	Y	Does not use aggregate containing asbestos	Y	N
225	Wood Fired Appliances	N	Does not operate wood fired appliances	N/A	N/A
226	Sulfur Content of Fuel - Tahoe Basin	N	Not located in the Tahoe Basin	N/A	N/A
227	Petroleum Dry Cleaning Operations	N	Not a dry cleaning operation	N/A	N/A
228	Fugitive Dust	Y	Dust Source	Y	3.F
229	Fiberboard Manufacturing	N	Does not manufacture fiberboard	N/A	N/A
230	Plastic Products and Materials - Paper Treating Operations	N	Not a plastic products and materials paper treating operation	N/A	N/A
231	Industrial, Institutional, and Commercial Boilers	N	Does not operate a boiler	N/A	N/A
232	Biomass Suspension Boilers	N	Does not operate a boiler	N/A	N/A
233	Biomass Boilers	N	Does not operate a boiler	N/A	N/A
234	Automotive Refinishing Operations	N	Does not refinish automobiles	N/A	N/A

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<b>Rule#</b>	<b>Title</b>	<b>Applicable</b>	<b>Basis</b>	<b>Compliance</b>	<b>Condition#</b>
235	Adhesives	Y	Does not use adhesives with VOC content in excess that specified in rule 235	Y	N/A
236	Wood Product Coating Operations	N	Not a wood products coating operation	N/A	N/A
237	Municipal Landfills	N	Exempted by 102.2.1 modified after 1991	N/A	N/A
238	Factory Coating of Flat Wood Panels	N	Does not coat flat wood panels	N/A	N/A
239	Graphics Art Operations	N	Not a graphics art operation	N/A	N/A
240	Surface Cleaning and Degreasing	N	Not in subject business category	N/A	N/A
241	Boilers at Plastic Laminate Manufacturing Facilities	N	Does not manufacture plastic laminate	N/A	N/A
244	Semiconductor Operations	N	Does not manufacture semiconductors	N/A	N/A
246	Natural Gas Fired Water Heaters	N	Does not install or sell water heaters	N/A	N/A
250	Stationary Gas Turbines	N	Does not operate a gas turbine	N/A	N/A
<b>Regulation 3-Open Burning</b>					
301	Prohibition on Open Burning	N	Does not open burn	N/A	N/A
302	Burning Permits	N	Does not open burn	N/A	N/A
303	Exemptions to Rule 302	N	Does not open burn	N/A	N/A

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<b>Rule#</b>	<b>Title</b>	<b>Applicable</b>	<b>Basis</b>	<b>Compliance</b>	<b>Condition#</b>
304	Permit Validity	N	Does not open burn	N/A	N/A
305	No Burn Days	N	Does not open burn	N/A	N/A
306	Exceptions to Rule 305	N	Does not open burn	N/A	N/A
307	Agricultural Burn Reports	N	Does not open burn	N/A	N/A
308	Determination of Amount Burned Daily	N	Does not open burn	N/A	N/A
309	Approved Ignition Devices	N	Does not open burn	N/A	N/A
310	Restricted Burn Days	N	Does not open burn	N/A	N/A
311	Wind Direction	N	Does not open burn	N/A	N/A
312	Minimum Drying Times	N	Does not open burn	N/A	N/A
313	Exceptions to Rule 312	N	Does not open burn	N/A	N/A
314	Preparation of Material to Be Burned	N	Does not open burn	N/A	N/A
315	Burning of Agricultural Waste	N	Does not open burn	N/A	N/A
316	Range Improvement/ Forest Management Burning	N	Does not open burn	N/A	N/A
317	Wildland Vegetation Management Burning	N	Does not open burn	N/A	N/A

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<b>Rule#</b>	<b>Title</b>	<b>Applicable</b>	<b>Basis</b>	<b>Compliance</b>	<b>Condition#</b>
318	Land Development Open Burning	N	Does not open burn	N/A	N/A
319	Right of Way Clearing and Levee, Ditch, and Reservoir Maintenance Burning	N	Does not open burn	N/A	N/A
320	Open Burning Conducted by Public Officers	N	Does not open burn	N/A	N/A
321	Hazard Reduction Burning	N	Does not open burn	N/A	N/A
322	Mechanized Burning	N	Does not open burn	N/A	N/A
323	Open Burning Nonindustrial Wood waste at Disposal Sites	N	Does not open burn	N/A	N/A
324	Residential Rubbish Burning	N	Does not open burn	N/A	N/A
325	Recreational Open Fires	N	Does not open burn	N/A	N/A
<b>Regulation 4-Miscellaneous Provisions</b>					
401	Responsibility	Y	Issued a permit Administrative requirement	Y	N
402	Authority to Inspect	Y	Administrative requirement	Y	4.C.
403	Responsibility of Permittee	Y	Administrative requirement	Y	N
404	Upset Conditions, Breakdown, or Scheduled Maintenance	Y	Operates subject sources and control equipment	Y	3.F.

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<b>Rule#</b>	<b>Title</b>	<b>Applicable</b>	<b>Basis</b>	<b>Compliance</b>	<b>Condition#</b>
405	Separation of Emissions	Y	Does not separate emissions	Y	N
409	Public Records	Y	Administrative requirement	Y	N
410	Record Keeping for Volatile Organic Compound Emissions	N	Not subject to a rules requiring VOC record-keeping	N/A	N/A
<b>Regulation 5-Permits</b>					
501	General Permit Requirements	Y	Subject to District permit requirements	Y	3.H.1 - 3.H.9.
502	New Source Review	Y	NSR permit conditions	Y	Several Conditions Section 2
503	Emission Statement	Y	Potential emissions > 10 TPY for VOC	Y	3.I.
504	Emission Reduction Credits (ERC)	Y	Has not been Issued ERCs	N/A	N/A
505	Priority Reserve	Y	Does not require ERC loan	N/A	N/A
506	Biomass Emission Credits	N	Does not qualify for biomass ERCs	N/A	N/A
507	Federal Operating Permit Program	Y	Required by 40 CFR § 60.752(b) (NSPS for MSW Landfills)	Y	Several Conditions throughout the permit
508	General Conformity	N	Administrative Requirements dealing with SIPs	N/A	N/A
509	Transportation Conformity	N	Administrative Requirements dealing with SIP transportation plans	N/A	N/A

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<b>Rule#</b>	<b>Title</b>	<b>Applicable</b>	<b>Basis</b>	<b>Compliance</b>	<b>Condition#</b>
510	Violations and Determination of Compliance Title V	Y	Provides standards for determining compliance with federal requirements	Y	N
511	Potential to Emit	N	Subject to Rule 507, exempted by section 104	N/A	N/A
512	Request for Synthetic Minor Source Status	Y	Not requesting synthetic minor source status	Y	N
513	Toxic New Source Review: Federal Clean Air Act Section 112(g)	N	Not a major source of HAPs	N/A	N/A
<b>Regulation 6-Fees</b>					
601	Permit Fees	Y	Administrative requirement	Y	N
602	Hearing Board Fees	Y	Administrative requirement	Y	N
603	Analysis Fee	Y	Administrative requirement	Y	N
604	Source Test Observation and Report Evaluation	Y	Administrative requirement	Y	N
607	Burning Permit Fees	N	Does not open burn	N/A	N/A
608	Control Council Fee	Y	Administrative requirement	Y	N
610	Air Toxics "Hot Spots" Fees	Y	Subject to Hot Spots reporting	Y	3.H.4.
<b>Regulation 7-Procedure before the Hearing Board</b>					
701	General	Y	Administrative requirement	Y	N

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<b>Rule#</b>	<b>Title</b>	<b>Applicable</b>	<b>Basis</b>	<b>Compliance</b>	<b>Condition#</b>
702	Filing Petitions	Y	Administrative requirement	Y	N
703	Contents of Petition	Y	Administrative requirement	Y	N
704	Petitions for Variances	Y	Administrative requirement	Y	N
705	Appeal from Denial	Y	Administrative requirement	Y	N
706	Failure to Comply with Rules	Y	Administrative requirement	Y	N
707	Answers	Y	Administrative requirement	Y	N
708	Dismissal of Petition	Y	Administrative requirement	Y	N
709	Place of Hearing	Y	Administrative requirement	Y	N
710	Notice of Hearing	Y	Administrative requirement	Y	N
711	Evidence	Y	Administrative requirement	Y	N
712	Preliminary Matters	Y	Administrative requirement	Y	N
713	Official Notice	Y	Administrative requirement	Y	N
714	Continuances	Y	Administrative requirement	Y	N
715	Decision	Y	Administrative requirement	Y	N
716	Effective Date of Decision	Y	Administrative requirement	Y	N
717	Lack of Permit	Y	Administrative requirement	Y	N
<b>Regulation 8-Enforcement</b>					
801	Enforcement	Y	Administrative requirement	Y	N

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<b>Rule#</b>	<b>Title</b>	<b>Applicable</b>	<b>Basis</b>	<b>Compliance</b>	<b>Condition#</b>
802	Authority to Arrest	Y	Administrative requirement	Y	N
803	Penalties	Y	Administrative requirement	Y	N
804	Order for Abatement	Y	Administrative requirement	Y	N
805	Notice to Comply	Y	Administrative requirement	Y	N
806	Civil Penalties	Y	Administrative requirement	Y	N
<b>Regulation 9 - Air Toxic Contaminants</b>					
901	ATC Measure Benzene	N	Rescinded	N/A	N/A
902	ATC Measure Chromium	N	Not a plating operation	N/A	N/A
903	ATC Measure Ethylene Oxide	N	Not a source of ethylene oxide	N/A	N/A
904	ATC Measure-Hex Chromium from Cooling Towers	N	Does not operate cooling towers	N/A	N/A
905	ATC Measure Asbestos	N	Not a significant source of asbestos	N/A	N/A
906	ATC Hospital Waste Incinerators	N	Does not operate a hospital waste incinerator	N/A	N/A

**Table 3  
Western Regional Landfill  
Incorporated Conditions**

<b>Origin</b>	<b>Unit</b>	<b>Condition</b>	<b>Permit #</b>
PTO 10-02 1	Facility	Operation of this equipment must be conducted in compliance with all data and specifications submitted with the application under which this permit is issued unless otherwise prescribed by conditions. Any operation of equipment or discharge of emissions to the atmosphere not identified by application submittals made to the District or exceeding the limits of the operation pursuant to which this permit is granted, shall be deemed a violation.	3.H.9.
PTO 10-02 2	Facility	In the event of any violation of District Rules and Regulations, the plant manager shall cease operation of violating equipment and take action to end such violation.	3.I.1
PTO 10-02 3	Facility	The plant manager shall notify the District (per Rule 404) of any upset conditions, breakdown or scheduled maintenance which cause emissions, in excess of limits established by District Rules and Regulations.	3.F.1.
PTO 10-02 4	Facility	Pursuant to District Rule 502, New Source Review, Section 227, the plant manager shall report to the District immediately any changes in process rates or operation schedules, changes in operation methods or fuel characteristics, the addition to or removal of permitted equipment, and changes of any facilities or systems installed or used to achieve compliance with the District Rules and Regulations in addition to the conditions of this Permit to Operate.	3.I.2.
PTO 10-02 5	Facility	Revisions to this permit may be requested pursuant to District Rule 501, General Permit Requirements, Section 400.	3.H.6.
PTO 10-02 6	Facility	An Authority to Construct application shall be filed with the District before the modification or replacement of any equipment for which a Permit to Operate has been granted, and before the installation and operation of any equipment for which an Authority to Construct is required pursuant to Health and Safety Code, Section 42300, and District Rule 501, General Permit Requirements, Section 300.	3.H.1.
PTO 10-02 7	Facility	Upon any change in control or ownership of facilities constructed, operated, or modified under authority of this permit, the requirements contained in this Permit to Operate shall be binding on all subsequent owners and operators. Notice of changes in ownership of permitted facilities shall be given to the District.	3.H.5.a. 3.H.5.b.

<b>Origin</b>	<b>Unit</b>	<b>Condition</b>	<b>Permit #</b>
PTO 10-02 8	Facility	All equipment, facilities and systems installed or used to achieve compliance with the terms and conditions of this Permit to Operate shall be maintained in good working order and be operated as efficiently as possible so as to minimize air pollutant emissions.	3.H.3.
PTO 10-02 9	Facility	The exceeding any of the emission limitations established by the Rules and Regulations of the District is prohibited unless specifically allowed by a granted Variance, or due to an upset, breakdown, or scheduled maintenance per District Rule 404.	3.H.2.a.
PTO 10-02 10	Facility	The exceeding of any limiting condition is prohibited without prior application for, and the subsequent granting of, a permit modification pursuant to District Rule 501, General Permit Requirements, Section 400, or a Variance, pursuant to Regulation 7, Procedure Before the Hearing Board.	3.H.2.b.
PTO 10-02 11	Facility	Operation of permitted equipment shall be limited to the maximum rates and schedules of operation, and the specified process materials of approved plans and specifications submitted to the District in application submittals unless otherwise prescribed in the conditions.	3.H.9.
PTO 10-02 12	Facility	Compliance of the permitted facility is required with the provisions of the "Air Toxics Hot Spots' Information and Assessment Act" of 1987 Health and Safety Code Sections 44300 et seq.).	3.H.4.
PTO 10-02 13	Facility	The equipment must be properly maintained and kept in good operating condition at all times.	3.H.3.
PTO 10-02 14	Facility	A log book or other record detailing the performance and date of preventive maintenance, corrective maintenance, and inspections, as well as reporting breakdowns per District Rule 404), shall be established and maintained. This log or record shall be made available to the District's inspector upon request.	6.C.1.
PTO 10-02 15	Facility	All service roads and plant areas shall be maintained at all times in a manner to prevent fugitive dust and violation of the California Health and Safety Code Section 41700 and District Rule 205, Nuisance.	3.B.3.
PTO 10-02 18	Flare	Operation of permitted equipment shall be limited to the maximum rates and schedules of the operation, and the specified process materials of approved plans and specifications submitted to the District in the application submittal unless otherwise prescribed in the conditions.	9.b.

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Origin	Unit	Condition	Permit #
PTO 10-02 19	Facility	Compliance of the permitted facility is required with the provisions of the "Air Toxics 'Hot Spots' Information and Assessment Act" of 1987 (Health and Safety Code Sections 44300 et. seq.).	3.H.4.
ATC 95-09 14	Facility	In accordance with District Rule 210(A)(2)(b), Specific Contaminants, combustion contaminants (particulate matter which contains carbon in either the free or combined state) may not exceed a concentration of 0.1 gr/dscf at point of discharge calculated at 12 % CO <sub>2</sub> .	3.D.1.
ATC 95-09 Proviso 5	Facility	This permit does not authorize the emission of air contaminants in excess of those allowed by Division 26, Part 4, of the Health and Safety Codes of the State of California or the Rules and Regulations of the District, nor authorize noncompliance with the laws, ordinances and regulations of other governmental agencies which are applicable to the equipment to be constructed.	3.H.8.

**Table 4  
Western Regional Landfill  
Streamlined Conditions**

<b>Origin</b>	<b>Streamlined Condition</b>	<b>Title V Permit Condition</b>	<b>Origin</b>
ATC 95-09 1	1. Operation of this equipment must be conducted in compliance with all data and specifications submitted with the application under which this permit is issued unless otherwise prescribed by conditions. Any operation of equipment or discharge of emissions to the atmosphere not identified by application submittals made to the District or exceeding the limits of the operation pursuant to which this permit is granted, shall be deemed a violation.	9. Operation of this equipment must be conducted in compliance with all data and specification submitted with the application under which this permit is issued unless otherwise prescribe by conditions. Any operation of equipment on discharge of emissions to the atmosphere not identified by application submittals made to the District or exceeding the limits of the operatic pursuant to which this permit is granted, shall be deemed a violation. (Rule 502)	PTO 10-02 9
ATC 95-09 2	2. The plant manager shall notify the District (per Rule 404) of any upset conditions, breakdown or scheduled maintenance which cause emissions in excess of limits established by District Rules and Regulations.	10. The plant manager shall notify the District within two hours of any upset conditions breakdown on scheduled maintenance which cause emissions in excess of limits established by District Rules and Regulations. (Rule 404)	PTO 10-02 10
ATC 95-09 3	3. Pursuant to District Rule 502, New Source Review, Section 227, the plant manager shall report to the District immediately any changes in production rates or operation schedules, changes in operation methods or fuel characteristics, the addition to or removal of permitted equipment, and changes of any facilities or systems installed or used to achieve compliance with the District Rules and Regulations in addition to the terms and conditions of this Permit to Operate.	11. Pursuant to District Rule 502, New Source Review, Section 227, the plant manager shall report to the District immediately any changes in production rates or operation schedules changes in operation' methods on fuel characteristics, the addition to or removal of permittee equipment, and changes of any facilities or systems installed or used to achieve compliant, with the District Rules and Regulations in addition to the terms and conditions of this Permit to Operate.	PTO 10-02 11
ATC 95-09 4	4. Revisions to this permit may be requested pursuant to District Rule 501, General Permit Requirements, Section 400.	12. Revisions to this permit may be requested pursuant to District Rule 501, General Permit Requirements, Section 400.	PTO 10-02 12

<b>Origin</b>	<b>Streamlined Condition</b>	<b>Title V Permit Condition</b>	<b>Origin</b>
ATC 95-09 5	5. Exceeding any of the limiting condition is prohibited without prior application for, and the subsequent granting of a permit modification pursuant to District Rule 501, General Permit Requirements, Section 400.	13. Exceeding any of the limiting condition is prohibited without prior application for, and the subsequent granting of a permit modification pursuant to District Rule 501, General Perm' Requirements, Section 400.	PTO 10-02 13
ATC 95-09 6	6. An Authority to Construct application shall be filed with the District before the modification or replacement of any equipment for which a Permit to Operate has been granted, and before the installation and operation of any equipment for which an Authority to Construct is required pursuant to Health and Safety Code, Section 42300, and District Rule 501, General Permit Requirements, Section 300.	14. An Authority to Construct application shall be filed with the District before the modification or replacement of any equipment for which a Permit to Operate has been granted, and before the installation and operation of any equipment for which an Authority to Construct is require( pursuant to Health and Safety Code, Section 42300, and District Rule 501, General Permit Requirements, Section 300.	PTO 10-02 14
ATC 95-09 7	7. Upon any change in control or ownership of facilities constructed, operated, or modified under authority of this permit, the requirements contained in this Permit to Operate shall be binding on all subsequent owners and operators. Notice of changes in ownership of permitted facilities shall be given to the District.	15. In the event of a change of ownership, an application must be submitted to the District. Upon any change in control or ownership of facilities constructed, operated, on modified uncl authority of this permit, the requirements contained in this Authority to Construct shall be binding on all subsequent owners and operators. (Rule 501)	PTO 10-02 15
ATC 95-09 8	8. All equipment, facilities and systems installed or used to achieve compliance with the terms and conditions of this Permit to Operate shall be maintained in good working order and be operated as efficiently as possible so as to minimize air pollutant emissions.	16. All equipment, facilities and systems installed on used to achieve compliance with the terms and conditions of this Permit to Operate shall be maintained in good working order and be operated as efficiently as possible so as to minimize air pollution emissions.	PTO 10-02 16
ATC 95-09 9	9. Exceeding any of the emission limitation established by the Rules and Regulations of the District is prohibited unless specifically allowed by a granted Variance, or due to an upset, breakdown, or scheduled maintenance per District Rule 404.	17. Exceeding any of the emission limitations established by the Rules and Regulations of the District is prohibited unless specifically allowed by a granted Variance, or due to an upset breakdown, or scheduled maintenance per District Rule 404.	PTO 10-02 17

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<b>Origin</b>	<b>Streamlined Condition</b>	<b>Title V Permit Condition</b>	<b>Origin</b>
ATC 95-09 10	10. Operation of permitted equipment shall be limited to the maximum rates and schedules of operation, and the specified process materials of approved plans and specifications submitted to the District in application submittals unless otherwise prescribed in the conditions.	18. Operation of permitted equipment shall be limited to the maximum rates and schedules of the operation, and the specified process materials of approved plans and specifications submitted to the District in the application submittal unless otherwise prescribed in the conditions.	PTO 10-02 18
ATC 95-09 11	11. Compliance of the permitted facility is required with the provisions of the "Air Toxics 'Hot Spots' information and Assessment Act" of 1987 (Health and Safety Code Sections 44300 et seq.).	19. Compliance of the permitted facility is required with the provisions of the "Air Toxics ' Hot Spots" Information and Assessment Act" of 1987 (Health and Safety Code Sections 44300 e seq.).	PTO 10-02 19
ATC 95-09 12	12. No emissions are permitted from any source, which are a nuisance per District Rule 205.	A. No emissions are permitted, from any source, which are a nuisance per District Rule 202	PTO 10-02 8.A
ATC 95-09 13	13. Stack emission opacity as dark or darker than Ringelmann No. 1 (20% opacity) for a period or periods aggregating more than three (3) minutes in any one hour is prohibited and is in violation of District Rule 202, Visible Emissions.	Stack emission opacity as dark or darker than Ringelmann No. 1 (20% opacity) for period or periods aggregating more than three (3) minutes in any one hour is prohibited and is in violation of District Rule 202, Visible Emissions.	PTO 10-02 8.B
ATC 95-09 15	15. Four sampling ports shall be installed in flare stack at least two feet above flame zone and at least three feet below the top of the flare shroud or half the diameter of the flare whichever is greater. The pots shall be spaced at 90 degrees. Adequate and safe access to all ports shall be provided.	1. Four sampling ports shall be installed in the flare stack at least two feet above flame zone and at least three feet below the top of the flare shroud or half the diameter of the flare whichever is greater. The ports shall be spaced at 90 degrees. Adequate and safe access to all ports shall be provided.	PTO 10-02 1
ATC 95-09 16	16. The flare shall be equipped with a temperature sensor located at least three feet below the top of the flare shroud and 0.6 seconds downstream of the burner.	2. The flare shall be equipped with a temperature sensor located at least three feet below the top of the flare shroud and 0.6 seconds downstream of the burner.	PTO 10-02 2

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<b>Origin</b>	<b>Streamlined Condition</b>	<b>Title V Permit Condition</b>	<b>Origin</b>
ATC 95-09 17	17. The flare shall be equipped with an alarm and automatic blower and landfill gas supply shutoff valve system to isolate the flare from the landfill gas supply line in the event of a failure.	3. The flare shall be equipped with an alarm and automatic blower and landfill gas supply shutoff valve system to isolate the flare from the landfill gas supply line in the event of a failure.	PTO 10-02 3
ATC 95-09 18	18. The landfill gas flowrate to the flare shall be monitored at least every 15 minutes and recorded once per hour.	4. The landfill gas flowrate to each engine shall be monitor at least every 15 minutes an recorded once per hour.	PTO 10-02 4
ATC 95-09 20	20. Reporting and Record Keeping: Maintenance and breakdown records, and production data shall be maintained and summary reports submitted to the District on forms or formats furnished by the District. Records from monitoring equipment shall be kept by the Owner or Operator for a period of two (2) years, and shall be made available to the District's inspector upon request.	5. Record keeping: Maintenance and breakdown records shall be maintained and summary reports submitted to the District on forms or formats furnished by the District. Records from monitoring equipment shall be kept by the Owner or Operator for a period of two (2) years and shall be made available to the District's inspector upon request.	PTO 10-02 5

Origin	Streamlined Condition	Title V Permit Condition	Origin
ATC 95-09 21	<p>21. Performance Test Requirements:</p> <p>Performance tests shall be completed within sixty (60) days of startup and every two years thereafter.</p> <p>A. Non-Methane Hydrocarbons Organic Compounds shall be measured at the inlet of the flare and the exhaust using the EPA method 25 modified to delete the condensate trap from the sampling train.</p> <p>B The inlet flowrate shall be measured using EPA Method 2 or the continuous flow measuring system.</p> <p>C. The exhaust flow shall be determined by EPA method 2 or the "F" factor method in the Code of Federal Regulations Part 60.45(f)(5).</p> <p>D. Nitrogen oxides emissions in pounds per million Btu shall be determined using EPA Method 7.</p> <p>E. Carbon Monoxide emissions in pounds per million Btu shall be determined using EPA Method 10.</p> <p>F. Oxygen concentrate shall be determined using EPA Method 3A.</p> <p>G. Gross Calorific Value of the landfill gas shall be measured using ASTM D1826-77.</p>	<p>6. The following performance tests shall be completed within sixty (60) days of startup and ever year thereafter:</p> <p>A. Non-Methane Hydrocarbons Organic Compounds shall be measured at the inlet and the exhaust using the EPA method 25 modified to delete the condensate trap from the sampling train. When reporting emissions of VOCs, VOCs shall be calculated as percentage of NMHC using U.S. EPA or other available emissions factors as determine( by the District.</p> <p>B. The inlet flowrate shall be measured using EPA Method 2 or the continuous flow measuring system.</p> <p>C. The exhaust flow shall be determined by EPA method 2 or the "F" factor method in the Code of Federal Regulations Part 60.45(f)(5).</p> <p>D. Nitrogen oxides emissions in pounds per million Btu shall be determined using EPA Method 7.</p> <p>E. Carbon Monoxide emissions in pounds per million Btu shall be determined using EPA Method 10.</p> <p>F. Oxygen concentrate shall be determined using EPA Method 3A.</p> <p>G. Gross Calorific Value of the landfill gas shall be measured using ASTM D 1826-77.</p>	PTO 10-02 6

Origin	Streamlined Condition	Title V Permit Condition	Origin
ATC 95-09 22	<p>22. The performance tests shall be subject to the following restrictions:</p> <p>A. At least thirty (30) days prior to the actual testing, a written test plan shall be submitted to the Air Pollution Control Officer detailing the sampling methods, analytical methods or detection principles to be used. The prior written approval of the Air Pollution Control Officer is required for the use of alternate test methods.</p> <p>B. Testing shall be conducted in accordance with 40 CFR 60, Appendix A, Methods, or equivalent methods approved by the State of California Air Resources Board (ARB) by reference in Title 17 of the California Administrative Code, or other methods specified by Placer County Department of Public Works and approved in writing by the Air Pollution Control Officer. Independent testing contractors and analytical laboratories shall be Air Resources Board certified for the test or analysis conducted.</p> <p>C. Testing shall be conduct as close as achievable to the maximum process rates or the permitted rates resulting in maximized air pollutant emission rates.</p> <p>D. The evolutions conducted and plant equipment in operation shall be recorded. Installed instrumentation readings for parameters affecting emission character or extent shall be recorded.</p> <p>E. The performance test evaluation results shall be reported to the District within sixty (60) days of testing.</p>	<p>7. The performance tests shall be subject to the following restrictions:</p> <p>A. At least thirty (30) days prior to the actual testing, a written test plan shall be submitted to the Air Pollution Control Officer detailing the sampling methods, analytical methods or detection principles to be used. The prior written approval of the Air Pollution Control Officer is required for the use of alternate test methods.</p> <p>B. Testing shall be conducted in accordance with 40 CFR 60, Appendix A, Methods, or equivalent methods approved by the State of California Air Resources Board (ARB) by reference in Title 17 of the California Administrative Code, or other methods specified by the Placer County Facility Services and approved in writing by the Air Pollution Control Officer. Independent testing contractors and analytical laboratories shall be Air Resources Board certified for the test or analysis conducted.</p> <p>C. Testing shall be conducted as close as achievable to the maximum process rates or the permitted rates resulting in maximized air pollutant emission rates.</p> <p>D. The evolutions conducted and plant equipment in operation shall be recorded. Installed instrumentation readings for parameters affecting emission character or extent shall be recorded.</p> <p>E. The performance evaluation results shall be report to the District within sixty days of testing.</p>	PTO 10-02 7

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Origin	Streamlined Condition	Title V Permit Condition	Origin
ATC 95-09 23	23. Emissions Limitations:  A. Emissions shall not exceed the following rates:  Nitrogen Oxides: 0.06 lbs/MMBtu, 4.6 lbs/hr, 109 lbs/day Carbon Monoxide: 0.2 lbs/MMBtu, 15.2 lbs/hr, 364 lbs/day	Total Facility Emission Limitations Pollutant Lbs/mmbtu Lbs/hr Lbs/day NOx 0.06 4.6 109 CO 0.2 15.2 364	PTO 10-02 8.C

**Table 5  
Western Regional Landfill  
Obsolete Conditions**

Origin	Unit	Condition	Basis
PTO 10-02 20	Flare	20. Title V Record keeping Requirements: Record keeping and reporting pursuant to District Rule 511, Potential To Emit, shall be performed if the facility emissions exceed any of the following in any 12 month period: A. 5 tons per year of a regulated air pollutant (excluding HAPs); B. 2 tons per year of a single HAP; C. 5 tons per year of any combination of HAPs; D. 20 percent of any lesser threshold for a single HAP that the United States Environmental Protection Agency (U.S. EPA) may establish by rule.	Subject to Title V permitting requirements
PTO 10-02 21	Flare	21. Title V Operating Limitations: The Owner/Operator shall file an application pursuant to Rule 512, Request for Synthetic Minor Source Status or Rule 507, Federal Operating PE Program if the facility emissions exceed any of the following in any 12 month period: A. 12.5 tons of nitrogen oxides, 12.5 tons of volatile organic compounds, 50 tons of sulfur oxides, 50 tons of PM-b or 50 tons of carbon monoxide; B. 5 tons of a single hazardous air pollutant (HAP); C. 12.5 tons of any combination of HAPs; D. 50 percent of any lesser threshold for a single HAP as the U.S. EPA may establish rule.	Subject to Title V permitting requirements
ATC 95-09 19	Flare	19. Screening Risk Assessment: The emission of air contaminants resulting in an increased cancer risk of one-in-one-million or greater; an excess cancer burden equal to, or greater than one; or an exposure to the general public of hazardous material concentrations in excess of one-one-hundredth of the threshold limit value (TLV) for occupational exposure, as determined using EPA or ARB approved dispersion modeling and health risk analysis methodology, is prohibited. Modeling using EPA approved models and risk assessment analysis shall be submitted to the District within sixty (60) days of completing performance tests.	Risk analysis performed

<b>Origin</b>	<b>Unit</b>	<b>Condition</b>	<b>Basis</b>
ATC 95-09 21.H.	Flare	H. Testing for toxic air pollutants for the risk assessment shall be submitted to the District as required in condition 23.	Risk analysis performed
ATC 95-09 23.B.	Flare	23. Emissions Limitations: B. Additional limits may be placed on other air contaminants after review of the risk assessment by the District	Risk assessment has been reviewed
ATC 95-09 Provisos 1	Flare	The authorization to construct shall be canceled one year from the date of issuance unless reasonable progress is demonstrated. The date of commencement of operation shall be considered to be the estimated date of construction completion of the Authority to Construct application, unless the District is notified in writing that operation will commence on another date.	Issued PTO
ATC 95-09 Provisos 2	Flare	You shall notify this office when construction has been completed. A final inspection will be made to determine whether the equipment has been constructed according to the plans approved by the District. At that time operation will be observed and permission to operate will be granted upon demonstration of compliance with the Rules and Regulations of the Placer County Air Pollution Control District.	Issued PTO
ATC 95-09 Provisos 3	Flare	Commencing work under this Authority to Construct shall be deemed acceptance of all the conditions specified.	Issued PTO
ATC 95-09 Provisos 4	Flare	The Authority to Construct, unless canceled or voided, shall serve as a temporary Permit to Operate for a period of up to one year from the commencement of operation granted by the District or until the next annual renewal date for the company established by the District, whichever is less. This permit shall be renewable no later than October 30, 1997.	Issued PTO

Table 5 Western Regional (Obsolete Conditions) - Page 37 of 41

**Table 6**  
**Western Regional Landfill**  
**Summary of Applicable Federal Requirements**

<b>Section Description</b>	<b>Applicable</b>	<b>Basis</b>	<b>Condition #</b>
1. 205.1 Title I requirements: a. New Source Review requirements in the State Implementation Plan approved by the US Environmental Protection Agency and the terms and conditions of the preconstruction permit issued pursuant to an approved New Source Review rule;	Y	Existing District permit conditions	Several conditions in Sections 2, 3, 4 and 6.
b. Prevention of Significant Deterioration (PSD) requirements and the terms and conditions of the PSD permit (40 CFR Part 52);	N	No applicable requirements identified	N/A
c. New Source Performance Standards (40 CFR Part 60);	Y	Subject to 40 CFR § 60.750 (Subpart W W W)	Section 3, condition 3.L.4. and Section 6, conditions 6.A.3.d. and 6.A.3.e.
d. National Ambient Air Quality Standards, increments, and visibility requirements as they apply to portable sources required to obtain a permit pursuant to Section 504(e) of the Clean Air Act;	N	Western Regional Landfill does not operate portable sources	N/A
e. National Emissions Standards for Hazardous Air Pollutants (40 CFR Part 61);	Y	Standard terms for demolition or construction projects that may emit asbestos	Section 3 condition 3.L.2.
f. Maximum Achievable Control Technology or Generally Available Control Technology Standards (40 CFR Part 63);	N	No applicable standards or requirements identified.	N/A
g. Risk Management Plans and plan preparation and registration requirements (Section 112®) of the Clean Air Act);	Y	Standard term requiring a RMP if subject	Section 3, condition 3.L.2.

<b>Section Description</b>	<b>Applicable</b>	<b>Basis</b>	<b>Condition #</b>
h. Solid Waste Incineration requirements (Sections 111 or 129 of the Clean Air Act);	N	Western Regional Landfill does not operate a solid waste incinerator	N/A
I. Consumer and Commercial Product requirements (Section 183 of the Clean Air Act);	N	No applicable requirements identified	N/A
j. Tank Vessel requirements (Section 183 of the Clean Air Act);	N	Western Regional Landfill does not operate tank vessels	N/A
k. District prohibitory rules that are approved into the State Implementation Plan;	Y	See District SIP rule review.	Several conditions in sections 2, 3, and 6
l. Standards or regulations promulgated pursuant to a Federal Implementation Plan; and	N	No applicable standards or regulations identified.	N/A
m. Enhanced Monitoring and Compliance Certification requirements (Section 114(a)(3) of the Clean Air Act).	N	No applicable requirements identified.	N/A
2. 205.2 Title III, Section 328 (Outer Continental Shelf) requirements of the Clean Air Act (40 CFR Part 55);	N	Western Regional Landfill does not operate on the Outer Continental Shelf.	N/A
3. 205.3 Title IV (Acid Deposition Control) requirements of the Clean Air Act (40 CFR Parts 72, 73, 75, 76, 77, 78 and regulations implementing Sections 407 and 410 of the Clean Air Act);	N	Western Regional Landfill does not operate a subject utility unit.	N/A
4. 205.4 Title VI (Stratospheric Ozone Protection) requirements of the Clean Air Act (40 CFR Part 82); and	Y	Standard term requiring certified technicians for projects involving ozone depleting substances	Section 3 condition 3.L.1.
5. 205.5 Monitoring and Analysis requirements (Section 504(b) of the Clean Air Act).	N	No applicable standards or requirements identified.	N/A

Table 6 Western Regional (Summary of Applicable Federal Requirements) - Page 39 of 41

## Abbreviations/acronyms

Administrator - Administrator of the Environmental Protection Agency  
Act -Clean Air Act  
ARB - Air Resources Board  
APCO - Air Pollution Control Officer  
AP-42 - USEPA Compilation of Emission Factors document  
ASTM - American Society for Testing and Materials  
ATC - Authority to Construct permit  
bhp - brake horsepower  
BSFC- brake-specific fuel consumption  
Btu - British thermal unit  
CAA - Clean Air Act  
CARB - California Air Resources Board  
CAAA - Clean Air Act Amendments of 1990  
CAM - Compliance Assured Monitoring  
CAP - Clean Air Plan  
CARB - California Air Resources Board  
CEMS - continuous emissions monitoring system  
CFR - Code of Federal Regulations  
CO - carbon monoxide  
CO2 carbon dioxide  
Districts - Placer County Air Pollution Control District  
dscf -dry standard cubic foot  
Deg. F -degrees Fahrenheit  
EPA - U. S. Environmental Protection Agency  
ERC - emission reduction credit  
FR - Federal Register  
g - gram  
gal - gallon  
gpm - gallons per minute  
gr - grain  
gr/acf - grains per actual cubic foot  
gr/dscf- grains per dry standard cubic foot  
HHV- higher heating value  
H2S - hydrogen sulfide  
H&SC- California Health and Safety Code  
IC - internal combustion  
I&M - inspection and maintenance  
k - thousand  
kV - kilovolt  
lb - pound  
lbs/hr - pounds per hour  
LHV - lower heating value

MM, mm - million  
MSDS - Material Safety Data Sheet  
MW - molecular weight or Megawatts  
NESHAP - National Emissions Standards for Hazardous Air Pollutants  
NO<sub>x</sub> - oxides of nitrogen (calculated as NO<sub>2</sub>)  
NSPS - New Source Performance Standards  
O<sub>2</sub> - oxygen  
OCS - Outer Continental Shelf  
PCAPCD - Placer County Air Pollution Control District  
PFD - process flow diagram  
pH - hydrogen ion concentration in a solution  
PSD - Prevention of Significant Deterioration  
PTO - Permit to Operate  
ppmv - parts per million volume (concentration)  
psia - pounds per square inch absolute  
psig - pounds per square inch gauge  
PM - particulate matter  
PM<sub>10</sub> - particulate matter less than 10 mm in size  
PTE - potential to emit  
ROC - reactive organic compounds  
scf - standard cubic feet  
scfd - standard cubic feet per day  
scfm - standard cubic feet per minute  
SCAQMD - South Coast Air Quality Management District  
SIP - State Implementation Plan  
SO<sub>x</sub> - sulfur oxides  
TOC - total organic compounds  
tpq - tons per quarter  
tpy - tons per year  
unit - single emissions unit  
USEPA - United States Environmental Protection Agency or EPA  
U.S. EPA - United States Environmental Protection Agency or EPA  
VOC - volatile organic compounds  
Western Regional - Western Regional Landfill  
wt % - weight percent