

# South Coast Air Quality Management District

## Statement of Basis

### Title V Facility Permit Renewal

**Facility Name:** Republic Services of California, LLC, (Chiquita Canyon)  
**Facility ID:** 119219  
**SIC Code:** 4953  
**Equipment Location:** Chiquita Canyon Landfill  
29201 Henry Mayo Drive,  
Valencia, CA 91355

**Application #(s):** 492539  
**Application Submittal Date(s):** November 6, 2008

**Permit Renewal:** Draft  
**Permit Revision No.:** 2  
**Permit Section(s) Affected:** All

**AQMD Contact Person:** Gaurang Rawal, A.Q. Engineer  
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#### 1. Introduction and Scope of Permit

Title V is a national operating permit program for air pollution sources. Facilities subject to Title V must obtain a Title V permit and comply with specific Title V procedures to modify the permit. This permit replaces the facility's other existing permits. Title V does not necessarily include any new requirements for reducing emissions. It does, however, include new permitting, noticing, recordkeeping, and reporting requirements.

The AQMD implements Title V through Regulation XXX – Title V Permits, adopted by the AQMD Governing Board in order to comply with EPA's requirement that local air permitting authorities develop a Title V program. Regulation XXX was developed with the participation of the public and affected facilities through a series of public workshops, working group meetings, public hearings and other meetings.

The Title V major source threshold for a particular pollutant depends on the attainment status of the pollutant. NO<sub>2</sub>, SO<sub>2</sub>, CO and lead are in attainment with federal standards. The status for PM-10 is serious nonattainment. The status for ozone is currently extreme nonattainment.

A Title V renewal permit covers the operations of a municipal solids waste landfill. This facility is subject to Title V requirements because it was a major source.

## **2. Facility Description**

This is an active landfill facility. Main operations include LFG collection system, landfill condensate/leachate/collection system, LFG enclosed flare station, and two (2) portable non-emergency internal combustion engines. The facility is located at 29201 Henry Mayo Drive (Chiquita Canyon Landfill), Valencia, Ca.

## **3. Construction and Permitting History**

An initial Title V permit was issued on 4/20/2004, valid for 5 years from date of issuance. Title V revision No. 1 (A/N 456780) was issued on August 17, 2007 that included permit to construct to install a second new landfill gas flare (A/N 448822, Section H).

## **4. Regulatory Applicability Determinations**

Applicable legal requirements for which this facility is required are identified in the Title V permit (for example, Section D, E, and H, K, of the proposed Title V renewed permit). Applicability determinations (i.e., determinations made by the District with respect to what legal requirements apply to a specific piece of equipment, process, or operation) can be found in the Engineering Evaluations. This facility is subject to NSPS and NESHAP requirements. NSPS requirements of 40 CFR Part 60 applies to certain units at the facility and the permit terms and conditions may be found in Section D of the Title V permit. NESHAP requirements of 40 CFR Part 63 applies to certain units at the facility and the permit terms and conditions may be found in Sections D and J of the Title V permit.

## **5. Monitoring and Operational Requirements**

Applicable monitoring and operational requirements for which the facility is required to comply are identified in the Title V permit (for example, Section D, F, and J and Appendix B of the proposed Title V permit). Discussion of any applicable monitoring and operational requirements can be found in the Engineering Evaluations. Compliance Assurance Monitoring (CAM) requirements of 40 CFR Part 64 apply to the permitted emission control source at this facility. CAM plan for TNMHC emission control using APC (flare) is addressed under A/N 527626.

## **6. Permit Features**

### Permit Shield

A permit shield is an optional part of a Title V permit that gives the facility an explicit protection from requirements that do not apply to the facility. A permit shield is a provision in a permit that states that compliance with the conditions of the permit shall be deemed compliance with all identified regulatory requirements. To incorporate a permit shield into the Title V permit involves submission of applications for change of conditions for each equipment affected by the permit shield. Permit shields are addressed in Rule 3004 (c). This facility has a Shield status for renewal purpose.

### Streamlining Requirements

Some emission units may be subject to multiple requirements which are closely related or redundant. The conditions may be streamlined to simplify the permit conditions and compliance. Emission limits, work practice standards, and monitoring, recordkeeping, and reporting requirements may be streamlined. Compliance with a streamlined condition will be deemed compliance with the underlying requirements whether or not the emission unit is actually in compliance with the specific underlying requirement. This facility has not applied for any streamlined conditions.

## 7. Summary of Emissions and Health Risks

### **Criteria Pollutant Emissions (tons/year) Annual Reported Emissions for Reporting Period 2010**

<i>Pollutant</i>	<i>Emissions (tons/year)</i>
CO	9.93
NO <sub>x</sub>	11.27
ROG	3.83
SO <sub>x</sub>	10.94
TSP	1.11

### **Toxic Air Contaminants Emissions (TAC) Annual Reported Emissions for Reporting Period 2010**

<i>TACs Reported (Partial List)</i>	<i>Emissions (lbs/yr)</i>	<i>TACs Reported</i>	<i>Emissions (lbs/yr)</i>
Benzene	718	Methylene chloride	163.1
Carbon Tetrachloride	11.2	Perchloroethylene	216.5
Ethylene dibromide	17.6	Trichloroethylene	84.7
Ethylene dichloride	58.3	Naphthalene	2.0
Formaldehyde	330.1	Vinyl chloride	26.8
Carbon Tetrachloride	27.03		
Methyl chloroform	11.02		

### **Health Risk from Toxic Air Contaminants**

The facility is determined to be exempt from the Air Toxics Information and Assessment Act (AB2588). Annual Reports for AB 2588 for 5 March 2008 and April 2011 do not include this facility.

**8. Compliance History**

The facility has been subject to both self-reporting requirements and AQMD inspections. Facility inspection report dated September 27, 2011 indicates that permitted equipment operating satisfactorily and in compliance with all regulatory requirements.

As per District records there were no NOV or NC issued during January 2009 through December 2011. There were 21 citizen's odor complaints received during July and August 2010 for the period January 2009 through December 2011.

**9. Compliance Certification**

By virtue of the Title V renewal permit application and issuance of the renewed permit in coming months, the reporting frequency for compliance certification for the facility shall be annual.

**10. Comments**

None.