

NOTICE OF PROPOSED ACTION

by the
State of Nevada
Division of Environmental Protection
Bureau of Air Pollution Control

PUBLIC NOTICE

Pursuant to Nevada Revised Statutes (NRS) Chapter 445B, the Nevada Administrative Code (NAC) Chapter 445B, and the Clean Air Act, the Division of Environmental Protection is issuing the following notice.

The Administrator received an application for renewal of Class I (Title V) Air Quality Operating Permit AP4953-1148 (FIN A0018) from the following applicant:

Refuse, Inc. (Waste Management of Nevada)
Lockwood Regional Landfill
2401 Canyon Way
Sparks, Nevada 89434

The project is located in Sections 22, 23, 26, and 27, T19N, R21E (MDB&M), Storey County, Nevada. The Administrator has prepared a tentative determination regarding a renewal permit that, in brief, contains the following:

The Lockwood Regional Landfill accepts for disposal a variety of solid waste. The facility is also permitted for wood chipping, asphalt grinding, and the treatment of petroleum-contaminated soil. The Lockwood Regional Landfill has an active landfill gas (LFG) collection system that includes an open-flare for control of LFG, plus two reciprocating engines that combust LFG to generate electricity, but these engines are covered under a separate, state-only construction permit. The facility also has two, small (<34 HP) spark-ignition engines for limited use, and a variety of Insignificant Activities. The design capacity of the Lockwood Regional Landfill remains unchanged at 42.5 million megagrams (Mg) of solid waste.

On the basis of the preliminary review and the requirements of the NRS, the NAC and the Clean Air Act the Administrator is hereby announcing her intent to issue the renewal Class I (Title V) Air Quality Operating Permit AP4953-1148.02, based on a review of the information, as proposed. A copy of the draft operating permit is available for public inspection at:

WASHOE COUNTY LIBRARY
301 S. CENTER STREET
RENO, NV 89501
(775) 327-8300

Persons wishing to comment upon the proposed determination by the Administrator regarding this proposed action, or to request a hearing pursuant to NRS 445B Air Pollution and NAC 445B Air Controls, should submit their comments or request in writing, either in person or by mail or fax, within thirty (30) days to: Pat Mohn, P.E.; Nevada Division of Environmental Protection, Bureau of Air Pollution Control; 901 S. Stewart St., Suite 4001; Carson City, Nevada; (775) 687-9345, (775) 687-6396 FAX.

The application, draft permit, any comments received, and other relevant information may be copied at the above address, or copies may be obtained by written request to the above address. Written comments or objections will be retained and considered prior to final action on the Class I operating permit. Comments or objections must be received at the above address by **June 2, 2013**. Upon a valid written request received prior to the end of the comment period, the Administrator may schedule a public hearing on the application and proposed action.

Please bring the foregoing notice to the attention of all persons whom you know may be interested in this matter.

STATE OF NEVADA
DEPARTMENT OF CONSERVATION AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL PROTECTION-BUREAU OF AIR POLLUTION CONTROL

**Director's Review and Preliminary Determination of Permit Issuance for
Refuse, Inc. (Waste Management of Nevada)
Lockwood Regional Landfill
2401 Canyon Way
Sparks, Nevada 89434
May 2013**

Refuse, Inc. (RI) submitted an application for renewal of Class I (Title V) Air Quality Operating Permit AP4953-1148 (FIN A0018), to the Nevada Division of Environmental Protection – Bureau of Air Pollution Control (BAPC). The Lockwood Regional Landfill is located in Storey County, Nevada in Sections 22, 23, 26, and 27, T19N, R21E (MDB&M). The current permit action involves the renewal of Class I (Title V) Air Quality Operating Permit AP4953-1148.

The Lockwood Regional Landfill accepts for disposal a variety of solid waste. The facility is also permitted for wood chipping, asphalt grinding, and the treatment of petroleum-contaminated soil. The Lockwood Regional Landfill has an active landfill gas (LFG) collection system that includes an open-flare for control of LFG, plus two reciprocating engines that combust LFG to generate electricity, but these engines are covered under a separate, state-only construction permit. The facility also has two, small (<34 HP) spark-ignition engines for limited use, and a variety of Insignificant Activities. The design capacity of the Lockwood Regional Landfill remains unchanged at 42.5 million megagrams (Mg) of solid waste.

The facility-wide potential-to-emit (PTE) for the Lockwood Regional Landfill is given in the table below:

<i>Lockwood Regional Landfill - Potential-to-Emit (PTE) Emissions Summary (tons per year, TPY)</i>			
Current emission estimates indicate that the Lockwood Regional Landfill is a major source. The facility-wide PTE includes two LFG engines covered under a separate, state-only construction permit.	Pollutant		Facility-Wide (TPY)
		NMOG	(Non-Methane Organic Compounds) - Uncontrolled
	PM	(Particulate Matter)	22.09
	PM ₁₀	(Particulate matter <10 microns in diam.)	18.30
	PM _{2.5}	(Particulate matter <2.5 microns in diam.)	14.51
	SO ₂	(Sulfur Dioxide)	113.35
	NO _x	(Oxides of Nitrogen)	53.89
	CO	(Carbon monoxide)	234.33
	VOC	(Volatile Organic Compounds)	25.38
	H ₂ S	(Hydrogen Sulfide)	2.41
	CO ₂ e (GHG)	Greenhouse Gases (Anthropogenic)	4,722
	HAPs (single)	(Hazardous Air Pollutants)	<10
	HAPs (all)	(Hazardous Air Pollutants)	<25

The project is located in Air Quality Hydrographic Area (HA) 83 – the Tracy Segment of the Truckee River Basin. HA 83 is currently a PSD-triggered 107(d) Planning Area. As such, more stringent air quality requirements apply. The current permit renewal will not trigger PSD permitting, based upon U.S. EPA criteria for making such determinations. A variety of NSPS and NESHAP standards apply to the operations at the landfill, and these standards are set forth as applicable requirements in the draft Class I (Title V) renewal permit.

Air dispersion modeling demonstrates that continued operation of the Lockwood Regional Landfill, under the conditions of the draft renewal permit, will not violate any applicable air quality standard.

Refuse, Inc. must comply with all State and Federal air quality requirements and all conditions established within the draft Class I (Title V) renewal permit.