

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

CARSON CITY PUBLIC WORKS
3505 Butti Way
Carson City, Nevada 89701-3498
February 2016

Carson City Public Works submitted an application for renewal of Class I (Title V) Air Quality Operating Permit AP4953-1183 (FIN A0019) to the Nevada Division of Environmental Protection – Bureau of Air Pollution Control (BAPC). Carson City Public Works operates the Carson City Landfill. The project is located in Carson City County, Nevada in all or portions of Sections 1 and 12, Township 15N, Range 20E (MDB&M).

The Carson City Landfill accepts a variety of solid waste for disposal. The facility also has equipment for grinding and crushing of wood and rock waste, plus a variety of supporting equipment such as diesel engines, building heaters, and organic liquid storage tanks.

The BAPC has reviewed the application, and has made a preliminary determination to issue the renewal Class I (Title V) Air Quality Operating Permit.

The facility-wide Potential-To-Emit (PTE) for criteria pollutants at the Carson City Landfill are given in the table below:

<i>Carson City Public Works, Potential-to-Emit (PTE)</i>		
<i>Carson City Landfill</i>		
	Pollutant	Facility-Wide (TPY)
Current emissions estimates indicate that the Carson City Landfill is a minor source, because the facility-wide PTE for any individual regulated pollutant is less than applicable major source thresholds. A Part 70 (Title V) permit is required to satisfy requirements under 40 CFR Part 60, Subpart WWW.	NMOC	(Non-Methane Organic Compounds, CY 2019) 45.1 (41 Mg)
	PM	(Particulate Matter) 18.13
	PM10	(Particulate matter <10 microns in diam.) 9.81
	PM2.5	(Particulate matter < 2.5 microns in diam.) 3.56
	SO2	(Sulfur Dioxide) 0.34
	NO_x	(Oxides of Nitrogen) 58.18
	CO	(Carbon monoxide) 28.14
	VOC	(Volatile Organic Compounds) 20.22
	HAP (single)	(Hazardous Air Pollutants) < 10
	HAPs (all)	(Hazardous Air Pollutants) < 25
	GHG (CO₂e)	(Green House Gases, CO ₂ e-basis) < 100,000

The project is located in Air Quality Hydrographic Area (HA) 104 – Eagle Valley. HA 104 is not triggered for PSD Increment. The facility is subject to a variety of Federal standards for certain equipment and processes. No adverse air quality impacts are anticipated as a result of the proposed project.

Carson City Public Works must comply with all State and Federal air quality requirements and all conditions established within the proposed draft renewal Class I (Title V) operating permit.