

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**

**Round Mountain Gold Corporation (RMGC)  
Smoky Valley Common Operation (SVCO)  
1 Smoky Valley Mine Road  
P.O. Box 480  
Round Mountain, Nevada 89045**

**April 26, 2012**

RMGC submitted an application for revision of a Class I Operating Permit-to-Construct (OPTC), AP1041-2806, to the Nevada Division of Environmental Protection – Bureau of Air Pollution Control (NBAPC). The project is located in Nye County, Nevada in all or portions of Sections 1-3 and 10-15, T9N, R43E; Section 6, T9N, R44E; Sections 11-14, 23-26, and 34-36, T10N, R43E; Sections 4-8, 17-20, and 29-31, T10N, R44E; Sections 25 and 36, T11N, R43E; and Sections 28-33, T11N, R44E (MDB&M).

Revisions requested by the applicant include changes to the emission limits for four diesel engines currently listed in their OPTC. RMGC also requested that one diesel fuel and one lubricant oil storage tank be listed in their OPTC as Insignificant Activities.

The facility-wide potential-to-emit (PTE) for criteria pollutants at the SVCO, including the emissions changes associated with the proposed revisions, is given in the table below:

Current emissions estimates indicate that the RMGC-SVCO is a <i>non-major source</i> , because the facility-wide PTE for any individual regulated pollutant is less than the applicable major source threshold.	<i>Round Mountain Gold-SVCO, Facility-Wide Potential-to-Emit (PTE) tons/yr (TPY)</i>		
	<b>Pollutant</b>	<b>Emissions Change (TPY)</b>	<b>Facility-Wide (TPY)</b>
	<b>PM</b> (Particulate Matter)	0.21	190.83
	<b>PM10</b> (Particulate matter <10 microns in diam.)	0.21	94.97
	<b>SO2</b> (Sulfur Dioxide)	-1.12	4.65
	<b>NO<sub>x</sub></b> (Oxides of Nitrogen)	4.21	45.25
	<b>CO</b> (Carbon monoxide)	0	20.45
	<b>VOC</b> (Volatile Organic Compounds)	4.46	13.43
	<b>HAPs (single)</b> (Hazardous Air Pollutants)	< 1	< 10
	<b>HAPs (all)</b> (Hazardous Air Pollutants)	< 1	< 25

The project is located in Air Quality Hydrographic Area (HA) 137B – the Big Smoky Valley Area (Northern) of the Nevada Central Hydrographic Region. HA 137B is unclassified for all criteria pollutants. The diesel generators for which the emission limits have been changed are subject to NSPS 40 CFR Part 60, Subpart IIII and NESHAP 40 CFR Part 63, Subpart ZZZZ.

Air dispersion modeling conducted by the applicant and the NBAPC demonstrates that continued operation of the SVCO, after the proposed revisions are made, will not violate any applicable air quality standard.

RMGC must comply with all State and Federal air quality requirements and all conditions established within the draft Class I Operating Permit-to-Construct.