

FACTSHEET
(pursuant to NAC 445A.236)

Permittee Name: ROUND MOUNTAIN GOLD CORPORATION

1 SMOKY VALLEY MINE ROAD
ROUND MOUNTAIN, NV 89045

Permit Number: NS0097018

Permit Type: GROUNDWATER DISCHARGE

Designation: GROUNDWATER

New/Existing: EXISTING

Location: ROUND MOUNTAIN GOLD CORPORATION, NYE
1 SMOKY VALLEY MINE ROAD, ROUND MOUNTAIN, NV 89045
LATITUDE: 38.718021, LONGITUDE: -117.082649
TOWNSHIP: T10N, RANGE: R44E, SECTION: S19

Outfall / Well Num	Outfall / Well Name	Location Type	Well Log Num	Latitude	Longitude	Receiving Water
L01	ADMIN LEACH FIELD (2,500-GAL)	External Outfall		38.707778	-117.101667	GROUNDWATER
L02	ADR LEACH FIELD (3,000-GAL)	External Outfall		38.699167	-117.104722	GROUNDWATER
L03	ASSAY LAB LEACH FIELD (2,250-GAL)	External Outfall		38.705833	-117.101667	GROUNDWATER
L04	MAIN GATE LEACH FIELD (1,000-GAL)	External Outfall		38.707222	-117.101667	GROUNDWATER
L05	SECURITY AND ADMIN 2 LEACH FIELD (3,500-GAL)	External Outfall		38.708333	-117.103611	GROUNDWATER
L06	PLANT MAINT LEACH FIELD (1,200-GAL)	External Outfall		38.700278	-117.101667	GROUNDWATER
L07	DEDICATED PLANT LEACH FIELD (1,000-GAL)	External Outfall		38.680833	-117.108889	GROUNDWATER
L08	PURCHASING LEACH FIELD (4,000-GAL)	External Outfall		38.706111	-117.103889	GROUNDWATER
L09	MILL CRUSHER AND PRIMARY CRUSHER LEACH FIELD (2,000-GAL)	External Outfall		38.698889	-117.096667	GROUNDWATER
L10	MILL LEACH FIELD (2,750-GAL)	External Outfall		38.70	-117.098333	GROUNDWATER
L11	GEN MAINT LEACH FIELD (2,000-GAL)	External Outfall		38.703889	-117.101389	GROUNDWATER
L12	MILL MAINT LEACH FIELD (1,500-GAL)	External Outfall		38.701111	-117.099444	GROUNDWATER
L13	GOLD HILL ADR LEACH FIELD (2,500-GAL)	External Outfall		38.76	-117.071389	GROUNDWATER
L14	WAREHOUSE, TRUCK SHOP AND MINE OPERATIONS LEACH FIELD (6,000-GAL)	External Outfall		38.709056	-117.108735	GROUNDWATER
L15	DRY BUILDING LEACH FIELD (8,000-GAL)	External Outfall		38.708786	-117.108628	GROUNDWATER

S01	SEPTIC TANK 1 - ADMIN (2,500-GAL)	Influent Structure		38.707778	-117.101667	GROUNDWATER
S02	SEPTIC TANK 2 - ADR (3,000-GAL)	Influent Structure		38.699167	-117.104722	GROUNDWATER
S03	SEPTIC TANK 3 - ASSAY LAB (2,250-GAL)	Influent Structure		38.705833	-117.101667	GROUNDWATER
S04	SEPTIC TANK 4 - MAIN GATE (1,000-GAL)	Influent Structure		38.707222	-117.101667	GROUNDWATER
S05	SEPTIC TANK 5 - SECURITY (2,500-GAL)	Influent Structure		38.708333	-117.103611	GROUNDWATER
S06	SEPTIC TANK 6 - PLANT MAINT (1,200-GAL)	Influent Structure		38.700278	-117.101667	GROUNDWATER
S07	SEPTIC TANK 7 - DEDICATED PLANT (1,000-GAL)	Influent Structure		38.680833	-117.108889	GROUNDWATER
S08	SEPTIC TANK 8 - PURCHASING (4,000-GAL)	Influent Structure		38.706111	-117.103889	GROUNDWATER
S09	SEPTIC TANK 9 - MILL CRUSHER (1,000-GAL)	Influent Structure		38.698889	-117.096667	GROUNDWATER
S10	SEPTIC TANK 10 - MILL (2,750-GAL)	Influent Structure		38.70	-117.098333	GROUNDWATER
S11	SEPTIC TANK 10 - GEN MAINT (2,000-GAL)	Influent Structure		38.703889	-117.101389	GROUNDWATER
S12	SEPTIC TANK 12 - MILL MAINT (1,500-GAL)	Influent Structure		38.701111	-117.099444	GROUNDWATER
S13	SEPTIC TANK 13 - GOLD HILL ADR (2,500-GAL)	Influent Structure		38.76	-117.071389	GROUNDWATER
S14	SEPTIC TANK 14 - ADMIN II (1,000-GAL)	Influent Structure		38.708333	-117.101944	GROUNDWATER
S15	SEPTIC TANK 15 - MINE OPERATION (2,000-GAL)	Influent Structure		38.708939	-117.109722	GROUNDWATER
S16	SEPTIC TANK 16 - WAREHOUSE, TRUCK SHOP (4,000-GAL)	Influent Structure		38.709511	-117.107189	GROUNDWATER
S17	SEPTIC TANK 17 - PRIMARY CRUSHER (1,000-GAL)	Influent Structure		38.698889	-117.096667	GROUNDWATER
S18	SEPTIC TANK 18 - DRY BUILDING (8,000-GAL)	Influent Structure		38.708642	-117.1053	GROUNDWATER

Permit History/Description of Proposed Action

This is a permit renewal for Round Mountain Gold Corporation (RMGC). RMGC was first permitted on April 6, 1998. The last renewal permit was issued on February 1, 2018. A minor modification was issued on September 28, 2021.

The Permittee has decommissioned leach field fourteen (14) (Admin II, L14), associated with septic tank fourteen (14) (Admin II, S14). Septic tank fourteen (14) (Admin II, S14), now discharges to leach field (5) (Security, L05). Leach field fifteen (15) (Warehouse, Truck Shop, and Mine Operations, L15), has been relabeled as leach field fourteen (14), L14, to keep the sequential order of the outfalls. The Permittee will also construct a modular building and tie into septic tank eight (8) (Purchasing, S08), and leach field eight (8) (Purchasing, L08).

Minor Modification - March 2026:

Outfalls L08 and S08 will receive water from the New Dry Building (modular building). The flow will remain under 94 GPM, and the water discharged to the septic system will continue to be classified as domestic wastewater.

The latitude and longitude for both outfalls remain unchanged from the previously approved coordinates.

Major Modification - January 2027:

Outfalls L15 and S18 were added for a new 8,000-gallon septic tank to serve the Underground Dry Building as the existing systems are at capacity. RMGC will operate a total of 18 OSDS with a combined capacity of approximately 43,200 gallons.

Facility Overview

RMGC is a mine site located near Round Mountain, in Nye County, Nevada approximately 45 miles northeast of Tonopah, Nevada. RMGC is the operator of the RMGC-Smoky Valley Common Operation

(RMGC-SVCO). The operation consists of two active open-pit mines, overburden rock waste dumps, heap leach pads, three carbon adsorption plants, two refineries, a mill facility, and associated support facilities. The Onsite Sewage Disposal Systems (OSDS) are required to manage the domestic wastewater demands from the approximately 800 full-time employees and from 5 to 30 temporary employees depending upon the season at the mining operation. RMGC operates a total of 17 on-site sewage disposal systems with a combined capacity of approximately 35,200 gallons.

Major Modification January 2027:

By January 2027, RMGC will operate a total of 18 OSDS with a combined capacity of approximately 43,200-gallons.

Outfall Summary

Outfalls L01 through L14 are associated with RMGC's leach fields. The domestic wastewater discharged to the leach fields will undergo further treatment by microbial activity.

Outfalls S01 through S17 are associated with RMGC's septic tanks. Raw domestic sanitary wastewater is partially treated and discharged to the leach fields.

Major Modification January 2027:

Outfalls L15 and S18 were added for a new 8,000-gallon septic tank.

Effluent Characterization

This permit will authorize the discharge of OSDS treated domestic wastewater to groundwater of the State via percolation from leach fields. The discharge of toxic, hazardous, or industrial waste materials to any permitted OSDS is strictly prohibited.

Pollutants of Concern

The pollutants of concern are any pollutants or parameters that are believed to be present in the discharge and could affect or alter the physical, chemical, or biological condition of the receiving water. Pollutants of concern include total nitrogen (as N), phosphorous, and pathogens.

Nitrogen - domestic wastewater contains nutrients such as nitrogen and phosphorus. Excessive nitrate-nitrogen in drinking water can cause various human health impacts (e.g., blue baby syndrome).

Phosphorous - Domestic wastewater contains nutrients such as nitrogen and phosphorus. While phosphorus is generally not a significant concern in groundwater or drinking water, excessive phosphorus concentrations in surface waters can contribute to eutrophication and harmful algal blooms.

Pathogens - domestic wastewater contains harmful bacteria and viruses. Ingestion of contaminated drinking water can cause various human health impacts.

Receiving Water

Groundwater of the State of Nevada via percolation from leach fields. The average depth to groundwater at the mine site is reported to be 250 feet below ground surface. No groundwater monitoring is required for this permit.

Compliance History

According to the most current inspection report from September 20, 2021, the septic systems at the facility were determined to be well maintained and appear to be operated in compliance with the permit conditions. Since there have not been any discharge monitoring and reporting requirements included in RMGC's previous permits, there have been no reported exceedances.

Proposed Effluent Limitations

The Permittee, Round Mountain Gold Corp., shall monitor the depth of sludge, scum, and total liquids in all septic tanks annually, as a minimum. Septic tanks shall be pumped when the combined scum and sludge

depth is equal to or greater than 50% of total liquid depth. Septic tanks shall be pumped at least every three years for general maintenance purposes.

Prohibited discharges include, but are not limited to:

- Discharge of industrial waste.
- Discharge of hazardous materials.
- Discharges of untreated domestic/sanitary wastes that bypass the tank and discharge directly to the soil absorption area (leach field).
- Excessive amounts of fats, oils, or organic loads.
- Unapproved biohazardous wastes.
- Reverse Osmosis (RO) waste streams or filter backwash.
- Discharges from vehicle and equipment washing or vehicle maintenance, including mobile washes.
- Other Discharges not authorized under this permit.

NS OTHER - Discharge Limitations Table for Sample Location L01 (Admin Leach Field) To Be Reported Quarterly

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Outfall observation, visual, y/n response	Positive Results	M&R Pass=0 Fail=1 (pass/fail) ^[1]		See Footnote	L01	Quarterly	VISUAL

Notes (NS OTHER - Discharge Limitations Table):

- Report '0' as 'Pass' if surfacing, damages, or leaks were not observed during the visual inspection of the leach field. Report '1' as 'Fail' if surfacing, damages, or leaks were observed during the visual inspection of the leach field.

NS OTHER - Discharge Limitations Table for Sample Location L02 (Adr Leach Field) To Be Reported Quarterly

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Outfall observation, visual, y/n response	Positive Results	M&R Pass=0 Fail=1 (pass/fail) ^[1]		See Footnote	L02	Quarterly	VISUAL

Notes (NS OTHER - Discharge Limitations Table):

- Report '0' as 'Pass' if surfacing, damages, or leaks were not observed during the visual inspection of the leach field. Report '1' as 'Fail' if surfacing, damages, or leaks were observed during the visual inspection of the leach field.

NS OTHER - Discharge Limitations Table for Sample Location L03 (Assay Lab Leach Field) To Be Reported Quarterly

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Outfall observation, visual, y/n response	Positive Results	M&R Pass=0 Fail=1 (pass/fail) ^[1]		See Footnote	L03	Quarterly	VISUAL

Notes (NS OTHER - Discharge Limitations Table):

- Report '0' as 'Pass' if surfacing, damages, or leaks were not observed during the visual inspection of the leach field. Report '1' as 'Fail' if surfacing, damages, or leaks were observed during the visual inspection of the leach field.

NS OTHER - Discharge Limitations Table for Sample Location L04 (Main Gate Leach Field) To Be Reported Quarterly

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Outfall observation, visual, y/n response	Positive Results	M&R Pass=0 Fail=1 (pass/fail) ^[1]		See Footnote	L04	Quarterly	VISUAL

Notes (NS OTHER - Discharge Limitations Table):

- Report '0' as 'Pass' if surfacing, damages, or leaks were not observed during the visual inspection of the leach field. Report '1' as 'Fail' if surfacing, damages, or leaks were observed during the visual inspection of the leach field.

NS OTHER - Discharge Limitations Table for Sample Location L05 (Security And Admin 2 Leach Field) To Be Reported Quarterly

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Outfall observation, visual, y/n response	Positive Results	M&R Pass=0 Fail=1 (pass/fail) ^[1]		See Footnote	L05	Quarterly	VISUAL

Notes (NS OTHER - Discharge Limitations Table):

- Report '0' as 'Pass' if surfacing, damages, or leaks were not observed during the visual inspection of the leach field. Report '1' as 'Fail' if surfacing, damages, or leaks were observed during the visual inspection of the leach field.

NS OTHER - Discharge Limitations Table for Sample Location L06 (Plant Maint Leach Field) To Be Reported Quarterly

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Outfall observation, visual, y/n response	Positive Results	M&R Pass=0 Fail=1 (pass/fail) ^[1]		See Footnote	L06	Quarterly	VISUAL

Notes (NS OTHER - Discharge Limitations Table):

- Report '0' as 'Pass' if surfacing, damages, or leaks were not observed during the visual inspection of the leach field. Report '1' as 'Fail' if surfacing, damages, or leaks were observed during the visual inspection of the leach field.

**NS OTHER - Discharge Limitations Table for Sample Location L07 (Dedicated Plant Leach Field)
To Be Reported Quarterly**

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Outfall observation, visual, y/n response	Positive Results	M&R Pass=0 Fail=1 (pass/fail) ^[1]		See Footnote	L07	Quarterly	VISUAL

Notes (NS OTHER - Discharge Limitations Table):

- Report '0' as 'Pass' if surfacing, damages, or leaks were not observed during the visual inspection of the leach field. Report '1' as 'Fail' if surfacing, damages, or leaks were observed during the visual inspection of the leach field.

NS OTHER - Discharge Limitations Table for Sample Location L08 (Purchasing Leach Field) To Be Reported Quarterly

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Outfall observation, visual, y/n response	Positive Results	M&R Pass=0 Fail=1 (pass/fail) ^[1]		See Footnote	L08	Quarterly	VISUAL

Notes (NS OTHER - Discharge Limitations Table):

- Report '0' as 'Pass' if surfacing, damages, or leaks were not observed during the visual inspection of the leach field. Report '1' as 'Fail' if surfacing, damages, or leaks were observed during the visual inspection of the leach field.

NS OTHER - Discharge Limitations Table for Sample Location L09 (Mill Crusher And Primary Crusher Leach Field) To Be Reported Quarterly

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Outfall observation, visual, y/n response	Positive Results	M&R Pass=0 Fail=1 (pass/fail) ^[1]		See Footnote	L09	Quarterly	VISUAL

Notes (NS OTHER - Discharge Limitations Table):

- Report '0' as 'Pass' if surfacing, damages, or leaks were not observed during the visual inspection of the leach field. Report '1' as 'Fail' if surfacing, damages, or leaks were observed during the visual inspection of the leach field.

NS OTHER - Discharge Limitations Table for Sample Location L10 (Mill Leach Field) To Be Reported Quarterly

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Outfall observation, visual, y/n response	Positive Results	M&R Pass=0 Fail=1 (pass/fail) ^[1]		See Footnote	L10	Quarterly	VISUAL

Notes (NS OTHER - Discharge Limitations Table):

- Report '0' as 'Pass' if surfacing, damages, or leaks were not observed during the visual inspection of the leach field. Report '1' as 'Fail' if surfacing, damages, or leaks were observed during the visual inspection of the leach field.

NS OTHER - Discharge Limitations Table for Sample Location L11 (Gen Maint Leach Field) To Be Reported Quarterly

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Outfall observation, visual, y/n response	Positive Results	M&R Pass=0 Fail=1 (pass/fail) ^[1]		See Footnote	L11	Quarterly	VISUAL

Notes (NS OTHER - Discharge Limitations Table):

- Report '0' as 'Pass' if surfacing, damages, or leaks were not observed during the visual inspection of the leach field. Report '1' as 'Fail' if surfacing, damages, or leaks were observed during the visual inspection of the leach field.

NS OTHER - Discharge Limitations Table for Sample Location L12 (Mill Maint Leach Field) To Be Reported Quarterly

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Outfall observation, visual, y/n response	Positive Results	M&R Pass=0 Fail=1 (pass/fail) ^[1]		See Footnote	L12	Quarterly	VISUAL

Notes (NS OTHER - Discharge Limitations Table):

- Report '0' as 'Pass' if surfacing, damages, or leaks were not observed during the visual inspection of the leach field. Report '1' as 'Fail' if surfacing, damages, or leaks were observed during the visual inspection of the leach field.

NS OTHER - Discharge Limitations Table for Sample Location L13 (Gold Hill Adr Leach Field) To Be Reported Quarterly

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Outfall observation, visual, y/n response	Positive Results	M&R Pass=0 Fail=1 (pass/fail) ^[1]		See Footnote	L13	Quarterly	VISUAL

Notes (NS OTHER - Discharge Limitations Table):

- Report '0' as 'Pass' if surfacing, damages, or leaks were not observed during the visual inspection of the leach field. Report '1' as 'Fail' if surfacing, damages, or leaks were observed during the visual inspection of the leach field.

NS OTHER - Discharge Limitations Table for Sample Location L14 (Warehouse, Truck Shop And Mine Operations Leach Field) To Be Reported Quarterly

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Outfall observation, visual, y/n response	Positive Results	M&R Pass=0 Fail=1 (pass/fail) ^[1]		See Footnote	L14	Quarterly	VISUAL

Notes (NS OTHER - Discharge Limitations Table):

- Report '0' as 'Pass' if surfacing, damages, or leaks were not observed during the visual inspection of the leach field. Report '1' as 'Fail' if surfacing, damages, or leaks were observed during the visual inspection of the leach field.

NS OTHER - Discharge Limitations Table for Sample Location L15 (Dry Building Leach Field (8,000-Gal)) To Be Reported Quarterly

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Outfall observation, visual, y/n response	Positive Results	M&R Pass=0 Fail=1 (pass/fail) ^[1]		See Footnote	L15	Quarterly	VISUAL

Notes (NS OTHER - Discharge Limitations Table):

- Report '0' as 'Pass' if surfacing, damages, or leaks were not observed during the visual inspection of the leach field. Report '1' as 'Fail' if surfacing, damages, or leaks were observed during the visual inspection of the leach field.

NS OTHER - Discharge Limitations Table for Sample Location S01 (Septic Tank 1 - Admin) To Be Reported Annually

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Outfall observation, visual, y/n response	Positive Results	M&R Yes=0; No=1 (Y=0;N=1) ^[1]		Internal Monitoring Point	S01	Annual	VISUAL ^[2]

Notes (NS OTHER - Discharge Limitations Table):

1. Report '0' as 'Yes' if the visual inspection of the septic tank was performed. Report '1' as 'No' if the visual inspection was not performed.
2. Visual inspections require: opening accessible covers, monitoring sludge and scum levels, and inspecting equipment. The sludge/solids depth must be measured annually, and when the sludge/solids depth is 50% of the liquid depth, the tank must be pumped. At a minimum the tank must be pumped once every three years.

NS OTHER - Discharge Limitations Table for Sample Location S02 (Septic Tank 2 - ADr) To Be Reported Annually

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Outfall observation, visual, y/n response	Positive Results	M&R Yes=0; No=1 (Y=0;N=1) ^[1]		Internal Monitoring Point	S02	Annual	VISUAL ^[2]

Notes (NS OTHER - Discharge Limitations Table):

1. Report '0' as 'Yes' if the visual inspection of the septic tank was performed. Report '1' as 'No' if the visual inspection was not performed.
2. Visual inspections require: opening accessible covers, monitoring sludge and scum levels, and inspecting equipment. The sludge/solids depth must be measured annually, and when the sludge/solids depth is 50% of the liquid depth, the tank must be pumped. At a minimum the tank must be pumped once every three years.

NS OTHER - Discharge Limitations Table for Sample Location S03 (Septic Tank 3 - Assay Lab) To Be Reported Annually

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Outfall observation, visual, y/n response	Positive Results	M&R Yes=0; No=1 (Y=0;N=1) ^[1]		Internal Monitoring Point	S03	Annual	VISUAL ^[2]

Notes (NS OTHER - Discharge Limitations Table):

1. Report '0' as 'Yes' if the visual inspection of the septic tank was performed. Report '1' as 'No' if the visual inspection was not performed.
2. Visual inspections require: opening accessible covers, monitoring sludge and scum levels, and inspecting equipment. The sludge/solids depth must be measured annually, and when the sludge/solids depth is 50% of the liquid depth, the tank must be pumped. At a minimum the tank must be pumped once every three years.

NS OTHER - Discharge Limitations Table for Sample Location S04 (Septic Tank 4 - Main Gate) To Be Reported Annually

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Outfall observation, visual, y/n response	Positive Results	M&R Yes=0; No=1 (Y=0;N=1) ^[1]		Internal Monitoring Point	S04	Annual	VISUAL ^[2]

Notes (NS OTHER - Discharge Limitations Table):

1. Report '0' as 'Yes' if the visual inspection of the septic tank was performed. Report '1' as 'No' if the visual inspection was not performed.
2. Visual inspections require: opening accessible covers, monitoring sludge and scum levels, and inspecting equipment. The sludge/solids depth must be measured annually, and when the sludge/solids depth is 50% of the liquid depth, the tank must be pumped. At a minimum the tank must be pumped once every three years.

NS OTHER - Discharge Limitations Table for Sample Location S05 (Septic Tank 5 - Security) To Be Reported Annually

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Outfall observation, visual, y/n response	Positive Results	M&R Yes=0; No=1 (Y=0;N=1) ^[1]		Internal Monitoring Point	S05	Annual	VISUAL ^[2]

Notes (NS OTHER - Discharge Limitations Table):

1. Report '0' as 'Yes' if the visual inspection of the septic tank was performed. Report '1' as 'No' if the visual inspection was not performed.
2. Visual inspections require: opening accessible covers, monitoring sludge and scum levels, and inspecting equipment. The sludge/solids depth must be measured annually, and when the sludge/solids depth is 50% of the liquid depth, the tank must be pumped. At a minimum the tank must be pumped once every three years.

**NS OTHER - Discharge Limitations Table for Sample Location S06 (Septic Tank 6 - Plant Maint)
To Be Reported Annually**

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Outfall observation, visual, y/n response	Positive Results	M&R Yes=0; No=1 (Y=0;N=1) ^[1]		Internal Monitoring Point	S06	Annual	VISUAL ^[2]

Notes (NS OTHER - Discharge Limitations Table):

1. Report '0' as 'Yes' if the visual inspection of the septic tank was performed. Report '1' as 'No' if the visual inspection was not performed.
2. Visual inspections require: opening accessible covers, monitoring sludge and scum levels, and inspecting equipment. The sludge/solids depth must be measured annually, and when the sludge/solids depth is 50% of the liquid depth, the tank must be pumped. At a minimum the tank must be pumped once every three years.

NS OTHER - Discharge Limitations Table for Sample Location S07 (Septic Tank 7 - Dedicated Plant) To Be Reported Annually

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Outfall observation, visual, y/n response	Positive Results	M&R Yes=0; No=1 (Y=0;N=1) ^[1]		Internal Monitoring Point	S07	Annual	VISUAL ^[2]

Notes (NS OTHER - Discharge Limitations Table):

1. Report '0' as 'Yes' if the visual inspection of the septic tank was performed. Report '1' as 'No' if the visual inspection was not performed.
2. Visual inspections require: opening accessible covers, monitoring sludge and scum levels, and inspecting equipment. The sludge/solids depth must be measured annually, and when the sludge/solids depth is 50% of the liquid depth, the tank must be pumped. At a minimum the tank must be pumped once every three years.

**NS OTHER - Discharge Limitations Table for Sample Location S08 (Septic Tank 8 - Purchasing)
To Be Reported Annually**

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Outfall observation, visual, y/n response	Positive Results	M&R Yes=0; No=1 (Y=0;N=1) ^[1]		Internal Monitoring Point	S08	Annual	VISUAL ^[2]

Notes (NS OTHER - Discharge Limitations Table):

1. Report '0' as 'Yes' if the visual inspection of the septic tank was performed. Report '1' as 'No' if the visual inspection was not performed.
2. Visual inspections require: opening accessible covers, monitoring sludge and scum levels, and inspecting equipment. The sludge/solids depth must be measured annually, and when the sludge/solids depth is 50% of the liquid depth, the tank must be pumped. At a minimum the tank must be pumped once every three years.

**NS OTHER - Discharge Limitations Table for Sample Location S09 (Septic Tank 9 - Mill Crusher)
To Be Reported Annually**

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Outfall observation, visual, y/n response	Positive Results	M&R Yes=0; No=1 (Y=0;N=1) ^[1]		Internal Monitoring Point	S09	Annual	VISUAL ^[2]

Notes (NS OTHER - Discharge Limitations Table):

1. Report '0' as 'Yes' if the visual inspection of the septic tank was performed. Report '1' as 'No' if the visual inspection was not performed.
2. Visual inspections require: opening accessible covers, monitoring sludge and scum levels, and inspecting equipment. The sludge/solids depth must be measured annually, and when the sludge/solids depth is 50% of the liquid depth, the tank must be pumped. At a minimum the tank must be pumped once every three years.

NS OTHER - Discharge Limitations Table for Sample Location S10 (Septic Tank 10 - Mill) To Be Reported Annually

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Outfall observation, visual, y/n response	Positive Results	M&R Yes=0; No=1 (Y=0;N=1) ^[1]		Internal Monitoring Point	S10	Annual	VISUAL ^[2]

Notes (NS OTHER - Discharge Limitations Table):

1. Report '0' as 'Yes' if the visual inspection of the septic tank was performed. Report '1' as 'No' if the visual inspection was not performed.
2. Visual inspections require: opening accessible covers, monitoring sludge and scum levels, and inspecting equipment. The sludge/solids depth must be measured annually, and when the sludge/solids depth is 50% of the liquid depth, the tank must be pumped. At a minimum the tank must be pumped once every three years.

**NS OTHER - Discharge Limitations Table for Sample Location S11 (Septic Tank 11 - Gen Maint)
To Be Reported Annually**

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Outfall observation, visual, y/n response	Positive Results	M&R Yes=0; No=1 (Y=0;N=1) ^[1]		Internal Monitoring Point	S11	Annual	VISUAL ^[2]

Notes (NS OTHER - Discharge Limitations Table):

1. Report '0' as 'Yes' if the visual inspection of the septic tank was performed. Report '1' as 'No' if the visual inspection was not performed.
2. Visual inspections require: opening accessible covers, monitoring sludge and scum levels, and inspecting equipment. The sludge/solids depth must be measured annually, and when the sludge/solids depth is 50% of the liquid depth, the tank must be pumped. At a minimum the tank must be pumped once every three years.

NS OTHER - Discharge Limitations Table for Sample Location S12 (Septic Tank 12 - Mill Maint) To Be Reported Annually

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Outfall observation, visual, y/n response	Positive Results	M&R Yes=0; No=1 (Y=0;N=1) ^[1]		Internal Monitoring Point	S12	Annual	VISUAL ^[2]

Notes (NS OTHER - Discharge Limitations Table):

1. Report '0' as 'Yes' if the visual inspection of the septic tank was performed. Report '1' as 'No' if the visual inspection was not performed.
2. Visual inspections require: opening accessible covers, monitoring sludge and scum levels, and inspecting equipment. The sludge/solids depth must be measured annually, and when the sludge/solids depth is 50% of the liquid depth, the tank must be pumped. At a minimum the tank must be pumped once every three years.

**NS OTHER - Discharge Limitations Table for Sample Location S13 (Septic Tank 13 - Gold Hill Adr)
To Be Reported Annually**

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Outfall observation, visual, y/n response	Positive Results	M&R Yes=0; No=1 (Y=0;N=1) ^[1]		Internal Monitoring Point	S13	Annual	VISUAL ^[2]

Notes (NS OTHER - Discharge Limitations Table):

1. Report '0' as 'Yes' if the visual inspection of the septic tank was performed. Report '1' as 'No' if the visual inspection was not performed.
2. Visual inspections require: opening accessible covers, monitoring sludge and scum levels, and inspecting equipment. The sludge/solids depth must be measured annually, and when the sludge/solids depth is 50% of the liquid depth, the tank must be pumped. At a minimum the tank must be pumped once every three years.

NS OTHER - Discharge Limitations Table for Sample Location S14 (Septic Tank 14 - Admin 2) To Be Reported Annually

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Outfall observation, visual, y/n response	Positive Results	M&R Yes=0; No=1 (Y=0;N=1) ^[1]		Internal Monitoring Point	S14	Annual	VISUAL ^[2]

Notes (NS OTHER - Discharge Limitations Table):

1. Report '0' as 'Yes' if the visual inspection of the septic tank was performed. Report '1' as 'No' if the visual inspection was not performed.
2. Visual inspections require: opening accessible covers, monitoring sludge and scum levels, and inspecting equipment. The sludge/solids depth must be measured annually, and when the sludge/solids depth is 50% of the liquid depth, the tank must be pumped. At a minimum the tank must be pumped once every three years.

NS OTHER - Discharge Limitations Table for Sample Location S15 (Septic Tank 15 - Mine Operation) To Be Reported Annually

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Outfall observation, visual, y/n response	Positive Results	M&R Yes=0; No=1 (Y=0;N=1) ^[1]		Internal Monitoring Point	S15	Annual	VISUAL ^[2]

Notes (NS OTHER - Discharge Limitations Table):

1. Report '0' as 'Yes' if the visual inspection of the septic tank was performed. Report '1' as 'No' if the visual inspection was not performed.
2. Visual inspections require: opening accessible covers, monitoring sludge and scum levels, and inspecting equipment. The sludge/solids depth must be measured annually, and when the sludge/solids depth is 50% of the liquid depth, the tank must be pumped. At a minimum the tank must be pumped once every three years.

NS OTHER - Discharge Limitations Table for Sample Location S16 (Septic Tank 16 - Warehouse, Truck Shop) To Be Reported Annually

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Outfall observation, visual, y/n response	Positive Results	M&R Yes=0; No=1 (Y=0;N=1) ^[1]		Internal Monitoring Point	S16	Annual	VISUAL ^[2]

Notes (NS OTHER - Discharge Limitations Table):

1. Report '0' as 'Yes' if the visual inspection of the septic tank was performed. Report '1' as 'No' if the visual inspection was not performed.
2. Visual inspections require: opening accessible covers, monitoring sludge and scum levels, and inspecting equipment. The sludge/solids depth must be measured annually, and when the sludge/solids depth is 50% of the liquid depth, the tank must be pumped. At a minimum the tank must be pumped once every three years.

NS OTHER - Discharge Limitations Table for Sample Location S17 (Septic Tank 17 - Primary Crusher) To Be Reported Annually

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Outfall observation, visual, y/n response	Positive Results	M&R Yes=0; No=1 (Y=0;N=1) ^[1]		Internal Monitoring Point	S17	Annual	VISUAL ^[2]

Notes (NS OTHER - Discharge Limitations Table):

1. Report '0' as 'Yes' if the visual inspection of the septic tank was performed. Report '1' as 'No' if the visual inspection was not performed.
2. Visual inspections require: opening accessible covers, monitoring sludge and scum levels, and inspecting equipment. The sludge/solids depth must be measured annually, and when the sludge/solids depth is 50% of the liquid depth, the tank must be pumped. At a minimum the tank must be pumped once every three years.

NS OTHER - Discharge Limitations Table for Sample Location S18 (Septic Tank 18 - Dry Building (8,000-Gal)) To Be Reported Annually

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Outfall observation, visual, y/n response	Positive Results	M&R Yes=0; No=1 (Y=0;N=1) ^[1]		Internal Monitoring Point	S18	Annual	VISUAL ^[2]

Notes (NS OTHER - Discharge Limitations Table):

- Report '0' as 'Yes' if the visual inspection of the septic tank was performed. Report '1' as 'No' if the visual inspection was not performed.
- Visual inspections require: opening accessible covers, monitoring sludge and scum levels, and inspecting equipment. The sludge/solids depth must be measured annually, and when the sludge/solids depth is 50% of the liquid depth, the tank must be pumped. At a minimum the tank must be pumped once every three years.

Summary of Changes From Previous Permit

During this renewal permit, leach field L14 Admin II, has been removed. Septic tank 14, S14, is connected to leach field L05 Security. Leach field L15 Warehouse, Truck Shop, and Mine Operations is relabeled to L14.

The Permittee plans on connecting the new modular building to septic tank 8 and leach field 8 for purchasing. A wet-signed and stamped occupancy flow analysis and updated site plan by a Nevada State Licensed Professional Engineer has been submitted verifying that the existing OSDS is adequately sized to accommodate the additional projected daily sewage flows from the modular building.

Discharge monitoring and reporting tables have been added to ensure that the Permittee will be submitting reports on time and to ensure that OSDS are well-maintained such that public health and safety and the environment is protected.

Minor Modification - March 2026:

Outfalls L08 and S08 will receive water from the New Dry Building. The flow will remain under 94 GPM, and the water discharged to the septic system will continue to be classified as domestic wastewater. The latitude and longitude for both outfalls remain unchanged from the previously approved coordinates.

Major Modification January 2027:

Outfalls L15 and S18 were added to accommodate a new 8,000-gallons septic tank. A revised septic system Operation and Maintenance (O&M) manual shall be submitted within 90 days of the permit issuance date.

Technology Based Effluent Limitations

Technology-based effluent limitations are not applicable to this permit.

Water Quality Based Effluent Limitations

Water quality-based effluent limitations are not applicable to this permit.

Proposed Water Quality Based Effluent Limits (monthly/weekly/daily)

The Permittee will be required to report the quarterly visual inspections of the leach fields (Outfalls L01 through L14).

The Permittee will be required to report the annual inspections on the septic tanks (Outfalls S01 through S17).

Major Modification January 2027:

The Permittee will be required to report the quarterly visual inspections of the leach fields (Outfalls L01 through L15).

The Permittee will be required to report the annual inspections on the septic tanks (Outfalls S01 through S18).

Basis for Effluent Limitations

The Permittee is required to perform quarterly visual inspection of the leach fields to verify if surfacing, damages, or leaks have occurred. Also, to verify that the leach fields are properly infiltrating the treated wastewater into the ground.

The Permittee is required to perform annual visual inspections of the septic systems to verify if the scum/sludge has or has not exceeded 50% of the liquid depth of the septic tank and to ensure the septic systems are functioning adequately to treat the domestic wastewater. Once the scum/sludge reaches 50%, the Permittee is required to pump the septic tank.

Anti-backsliding

Anti-backsliding requirements are typically associated with a National Pollutant Discharge Elimination System (NPDES) individual permit. Discharge monitoring reporting tables have been added to this permit during this renewal term to provide clarification on required monitoring and reporting consistent with this type of permit and to transition the Permittee, RMGC, to submitting DMRs through NetDMR instead of submitting hardcopy DMRs. Monitoring and reporting will consist of both Quarterly and Annual submissions.

Antidegradation

The State's antidegradation policy has a requirement to maintain higher quality (RMHQ) standards of the receiving water body and, at a minimum, meet the most restrictive standards established per the designated beneficial use criteria. At this time there are currently no specific water quality standards that have been formally adopted by the State for groundwater. However, available data does not currently indicate any potential for degradation of groundwater from effluent discharged within the compliance limits of the proposed permit.

Special Conditions

RMGC shall operate the facility in compliance with permit provisions and requirements and in accordance with the division-approved Operation and Maintenance (O&M) Manual. The O&M Manual shall contain the information required to comply with this permit.

SA – Special Approvals / Conditions Table

Item #	Description
1	Septic tank(s) shall be pumped by a licensed septage hauler whenever the combined depth of scum and sludge equals or exceeds 50% of the total liquid depth, or more frequently as necessary to maintain efficient solids removal. Septic tanks shall be pumped at least once every three years for maintenance purposes. The date, tank number, volume of septage removed, and the name of the septage hauler shall be maintained on-site in accordance with Part A.2.8. of the permit. Sludge disposal shall be in accordance with applicable regulations.
2	The Permittee shall conduct regular and routine inspections and maintenance in accordance with the Division-approved O&M Manual. Leach fields shall also be inspected. Any observations of septage surfacing or leaking in or around the OSDS, at any time, shall be reported to the Division within 48 hours.
3	The septic tank treatment and disposal systems shall be used only for the treatment of domestic sewage. Domestic sewage is defined in NAC 445A.9532 and means any liquid and water-borne waste that is derived from the ordinary living process and is such a character as to permit its satisfactory disposal into a public sewer or an on-site sewage disposal system without special treatment. The term does not include industrial waste. The discharge of toxic, hazardous, industrial, or laboratory waste material to any permitted OSDS is strictly prohibited.

Item #	Description
4	The rated treatment capacity of each septic tank shall not be exceeded.
5	Surfacing of any substance from a septic system is strictly prohibited and would be considered a failure of the system.
6	All leach fields shall be fenced and posted. Vehicular traffic and the movement of heavy equipment over the leach fields shall be avoided whenever possible.
7	All DMRs shall be submitted electronically through the Nevada NetDMR website: https://netdmr.ndep.nv.gov/netdmr/public .
8	Since Round Mountain Gold Corporation's septic capacity is $\geq 10,000$ gallons and the treatment process used is primary treatment of septage, in accordance with NAC 445A.286 and NAC 445A.289, the Division will require the operation and reporting of RMGC's septic systems under the licensure of a Grade 1 (minimum) or above, Wastewater Operator.
9	Odors: there shall be no objectifiable odors from the evaporation/percolation area(s) or facility discharges.
10	Sewage Sludge Management: facilities that generate and dispose of sewage sludge or biosolids shall comply with applicable local, State, and Federal regulations, including but not limited to, 40 Code of Federal Regulations Parts 503 and 258. Authorization for land application, incineration, or surface disposal of sewage sludge or biosolids is not governed under the provisions or intent of this permit.
11	Facility Construction: collection, treatment, and/or disposal facilities shall be constructed in conformance with plans approved by the Division. All plans must be approved by the Division prior to the start of construction and must be stamped by a Nevada Registered Professional Engineer or other qualified person. All changes to any plans approved by the Division must be stamped by a Nevada Registered Professional Engineer as stated above and be re-approved by the Division prior to implementation.
12	Prerogative to Reopen: this permit may be re-opened, re-evaluated, and modified by the permitting authority to include effluent limits, additional testing, and/or other appropriate actions in response to demonstrated effluent toxicity or conditions confirmed by subsequent monitoring data. This permit may also be re-evaluated and modified by the permitting authority to incorporate alternative permit conditions determined to be appropriate based on subsequent monitoring data and/or effluent toxicity information.
13	In accordance with NAC 445A.9632, the Permittee shall submit an Annual Large Capacity Septic System Evaluation Report to the Division. The report shall be submitted with the fourthquarter Discharge Monitoring Report (DMR). The depth of scum, sludge, and total liquid in all septic tanks shall be measured every year and reported as the annual report. Measurements may be made at any time during the 12 month reporting period. The Annual Large Capacity Septic System Evaluation.

Discharges From Future Outfalls/ Planned Facility Changes

During this renewal term of the individual permit, RMGC, septic tank fourteen (S14) for Admin II will be discharging to leach field five (L05) for Security. RMGC is also proposing to construct a modular building and tie into septic tank eight (S08) and discharge to leach field eight (L08) for purchasing. No new outfalls have been proposed.

Major Modification January 2027:

Outfalls L15 and S18 were added for a new 8,000-gallon septic tank. By January 2027, RMGC will operate a total of 18 OSDS with a combined capacity of approximately 43,200-gallons.

Corrective Action Sites

There are no active Bureau of Corrective Actions sites located within a one-mile radius from the center-point of the mining facility.

Wellhead Protection Program

The discharge location is not located within a Drinking Water Protection Area defined by a 3,000-foot radius around the PWS wells. There are no Well Head Protection Areas (WHPAs) in the vicinity of the permit facility. The nearest well is over 5,000 feet from a discharge location. It is not anticipated that the permitted activity would affect any PWSs due to the distances to the water sources.

Schedule of Compliance:

SOC – Schedule of Compliance Table

Item #	Description	Due Date
1	The Permittee shall submit two (2) copies of a revised septic system Operation and Maintenance (O&M) Manual for review and approval by the Division. The O&M Manual shall be prepared by a Nevada Registered Professional Engineer or another qualified person. The O&M Manual shall include an updated site map showing the location of septic tanks and leach fields. If no updates or revisions are required, the Permittee shall submit a letter by the due date stating that there are have been no changes to the previously approved O&M Manual. ^[1]	4/1/2027
2	All Discharge Monitoring Reports (DMRs) shall be submitted electronically through the Nevada NetDMR website: https://netdmr.ndep.nv.gov/netdmr/public/home.htm .	4/28/2027

Notes (Schedule of Compliance Table):

1. O&M Manual prepared by Nevada Registered Professional Engineer must be signed and stamped in accordance with NAC 625.610.

Deliverable Schedule:

DLV– Deliverable Schedule for Reports, Plans, and Other Submittals

Item #	Description	Interval	First Scheduled Due Date
1	Quarterly Discharge Monitoring Report (DMR) ^[1]	Quarterly	4/28/2024
2	Annual Discharge Monitoring Report (DMR) ^[2]	Annually	1/28/2025
3	Annually deliverable	Annually	4/28/2027

Notes (Deliverable Schedule for Reports, Plans, and Other Submittals):

1. The Quarterly Discharge Monitoring Report shall consist of the results of the visual inspection performed on all leach fields (external outfalls). All reports of 'Fail' and/or '1' in reference to the parameter "Outfall observation, visual, y/n response" shall be accompanied by a narrative report detailing reasons a 'Fail' and/or '1' was provided.
2. The Annual Discharge Monitoring Report shall consist of the results of the visual inspection performed on all leach fields (external outfalls). All reports of 'Fail' and/or '1' in reference to the parameter "Outfall observation, visual, y/n response" shall be accompanied by a narrative report detailing reasons a 'Fail' and/or '1' was provided.

Procedures for Public Comment:

The Notice of the Division's intent to issue a permit authorizing the facility to discharge to groundwater of the State of Nevada subject to the conditions contained within the permit, is being mailed to interested persons on our mailing list and will be posted on our website at <https://ndep.nv.gov/posts>. Anyone wishing to comment on the proposed permit can do so in writing until 5:00 P.M. **11/27/2026**, a period of 30 days following the date of the public notice. The comment period can be extended at the discretion of the Administrator.

A public hearing on the proposed determination can be requested by the applicant, any affected State, any affected interstate agency, the Regional Administrator of EPA Region IX or any interested agency, person or group of persons. The request must be filed within the comment period and must indicate the interest of the person filing the request and the reasons why a hearing is warranted. Any public hearing determined by the Administrator to be held must be conducted in the geographical area of the proposed discharge or any other area the Administrator determined to be appropriate. All public hearings must be conducted in accordance with NAC 445A.238.

The final determination of the Administrator may be appealed to the State Environmental Commission pursuant to NRS 445A.605.

Proposed Determination:

The Division has made the tentative determination to issue/re-issue the proposed 5-year permit.

Prepared by: **Lior Singer P.E. M.Sc.**

Date: **10/26/2026**

Title: **Environmental Engineer**