

STATE OF NEVADA
Department of Conservation and Natural Resources
Division of Environmental Protection
Bureau of Mining Regulation and Reclamation
Water Pollution Control Permit

Permittee: **Nevada Gold Mines LLC
Pipeline Infiltration Project
1655 Mountain City Highway
Elko, Nevada 89801**

Permit Number: **NEV0095111**
Review Type/Year/Revision: **Renewal 2021, Revision 00**

Pursuant to Nevada Revised Statutes (NRS) 445A.300 through 445A.730, inclusive, and regulations promulgated thereunder by the State Environmental Commission and implemented by the Division of Environmental Protection (the Division), this Permit authorizes the Permittee to construct, operate, and close the **Pipeline Infiltration Project**, in accordance with the limitations, requirements and other conditions set forth in this Permit. The Permittee is authorized to discharge to rapid infiltration basins (RIBs) up to **54,000,000 gallons per day**.

The facility is located in Lander and Eureka Counties, Nevada, within Sections 13, 14, 23, 24, 26, and 27, Township 27 North (T27N), Range 46 East (R46E); Sections 2, 3, 5, 7, 8, 11, 13, 14, 17-19, 24, and 25, T27N, R47E; Sections 13-15, 21, 22, 24, 26-28, and 32-35, T28N, R47E; Sections 1, 8-10, and 12-18, T28N, R48E; Sections 2-4, 7-10, and 16-18, T28N, R49E; and Sections 11, 25-27, 29, 35, and 36, T29N, R49E, Mount Diablo Baseline and Meridian, approximately 35 miles southeast of the town of Battle Mountain, Nevada.

The Permittee must comply with all terms and conditions of this Permit and all applicable statutes and regulations.

This Permit is based on the assumption that the information submitted in the application of 02 November 1995, as modified by subsequent approved amendments, is accurate and that the facility has been constructed and is being operated as specified in the application. The Permittee must inform the Division of any deviation from or changes in the information in the application which may affect the ability of the Permittee to comply with applicable regulations or Permit conditions.

This Permit is effective as of **29 October 2021**, and shall remain in effect until **20 October 2026**, unless modified, suspended, or revoked.

Signed this 14th day of **October 2021**.


Aimee Keys
Chief, Bureau of Mining Regulation and Reclamation

I. Specific Facility Conditions and Limitations

A. In accordance with operating plans and facility design plans reviewed and approved by the Division the Permittee shall:

1. Construct, operate, and close the facility in accordance with those plans;
2. Except for the discharge authorized by this Permit, and any other approved uses, contain within the fluid management system all dewatering fluids including all meteoric waters that enter the system as a result of the 25-year, 24-hour storm event; and
3. Not release or discharge any contaminants from the fluid management system that would result in degradation of waters of the State.

B. Schedule of Compliance:

1. The Permittee must provide the Division with at least 30 days prior written notice of the intent to construct the previously approved West Highway I infiltration site (two RIBs). Any change from the approved design may require additional review and payment of modification fees.

The schedule of compliance item above is not considered completed until approved in writing by the Division.

C. The fluid management system covered by this Permit consists of the following water management process components:

1. Dewatering wells for the Pipeline Pit, Cortez Hills Pit, Cortez Hills underground workings, and associated satellite pits and pit expansions;
2. The double-lined Infiltration Surge Pond and associated leak detection and recovery system (LCRS);
3. Pipelines, tanks, basins, sumps, pumps, booster pump stations (including, but not limited to, the Cottonwood I Booster Pump Station and the Cottonwood II, III, and IV Booster Pump Station), valves, ditches, and spillways for the control and conveyance of dewatering water at and between water management components;
4. Infiltration sites comprised of Highway I (12 RIBs, six of which are hydraulically linked), North Highway (four RIBs), South Highway (four RIBs), West Highway I (two RIBs approved for construction), West Highway II (two RIBs), Rocky Pass I (11 RIBs), Rocky Pass II (four RIBs), Rocky Pass III (four RIBs), Windmill I (four RIBs), Windmill II (four RIBs), Windmill IV (four inactive RIBs), Windmill V (three RIBs), Cottonwood I (four RIBs), Cottonwood II (four RIBs), Cottonwood III (four RIBs), and Cottonwood IV (four RIBs), and associated RIB Primary and Sentinel monitoring wells and piezometers; and

5. The “Pipeline Infiltration Project” portion of the Cortez Hills Expansion Project Water Handling System, including but not limited to, the single-lined Infiltration Water Containment Pond and the F-Canyon Portal Surge Tank.

D. Monitoring Requirements:

<u>Identification</u>	<u>Parameter</u>	<u>Frequency</u>
1. <u>Infiltration Discharge Water</u> North Pipeline (INF-DIS-N) ⁽⁵⁾ South Pipeline 1 (INF-DIS-S1) ⁽⁵⁾ South Pipeline 2 (INF-DIS-S2) ⁽⁵⁾	Profile I ⁽¹⁾ ; pH, specific conductivity (μS/cm); Average flow (gpm)	Quarterly; Weekly; Daily
2. <u>Highway Site Surge Pond (RIB)</u> Near Pond Outlet Screen (INF-IB-113)	Profile I ⁽¹⁾ ; pH, specific conductivity (μS/cm)	Quarterly; Weekly
3. <u>Operational Water Balance</u> Each Infiltration Site and Other Water Use Category	Total water volume (gal) per infiltration site and other use category	Daily and Quarterly
4. <u>Piezometer Wells</u> Windmill 4: W4-01, W4-02 Windmill 5: W5-01, W5-02 Cottonwood I: CO-01, CO-02, CO-03 Cottonwood II: CO-04, CO-05, CO-06 Cottonwood III: CO-07, CO-08, CO-09 Cottonwood IV: CO-10, CO-11, CO-12	Water and collar elevation (feet AMSL)	Weekly

<u>Identification</u>	<u>Parameter</u>	<u>Frequency</u>
<p>5. <u>Basin Primary Groundwater Monitoring Wells</u>⁽²⁾⁽⁵⁾ Upgradient: IM-1, RP-01, RP-02, USGS-R, Cottonwood Sites: IM-63S, IM-70S, IM-71S, IM-72S Downgradient: IM-3-D, IM-5D, IM-10, IM-17D, IM-25D, IM-26D, IM-32D, IM-35D, IM-57D, IM-58D, IM-59D, IM-60D, IM-61D, IZ-11, RP-03, Cottonwood Sites: IM-64S, IM-64D, IM-65S, IM-65D, IM-66S, IM-66D, IM-67S, IM-67D, IM-68S, IM-68D, IM-69S, IM-69D, DRMW-01S, DRMW-01S2, DRMW-01D, DRMW-02S, DRMW-02D, DRMW-03S, DRMW-03S2, DRMW-03D, 2112, 18318</p>	<p>Profile I⁽¹⁾; Water and collar elevation (feet AMSL)</p>	<p>Quarterly⁽⁵⁾; Monthly</p>
<p>6. <u>Sentinel Groundwater Monitoring Wells</u>⁽⁵⁾ Upgradient: FMW-08, FMW-10 Downgradient: FMW-06S, FMW-07S, FMW- 07S2, IZ-18, IZ-19, IZM-19S, IZM-19D, IZ- 20, Wintle Well (WW), Dean Ranch Well (DRW), FMW-09, FMW-11, FMW-12</p>	<p>Profile I⁽¹⁾; Water and collar elevation (feet AMSL)</p>	<p>Quarterly; Monthly</p>
<p>7. <u>Summary of the Southern Crescent Valley Springs Monitoring Report as Provided to the BLM</u></p>	<p>Flow rate (gpm), specific conductivity (μS/cm), pH, temperature ($^{\circ}$F), DO</p>	<p>Annually</p>

<u>Identification</u>	<u>Parameter</u>	<u>Frequency</u>
8. <u>Cortez Underground Expansion Project Infiltration Water⁽³⁾ Monitoring</u> Flow at Surge Tank (IW-FST) Flow at Trunk Line (IW-FTL); Quality at Surge Tank (IW-QST) Quality at Trunk Line (IW-QTL); Infiltration Water Containment Pond (IW-CP)	Average flow (gpm); Profile I ⁽¹⁾ ; Date(s) and reason(s) used	Weekly; Quarterly; Quarterly, when used
9. <u>Cortez Underground Expansion Project Infiltration Water⁽³⁾ Pipelines ('I-1' and 'I-2') Road Crossing Leak Detection Ports</u> Station 'I-1' 84+41 (I1-84/41) Station 'I-2' 84+41 (I2-84/41)	Volume (gal) evacuated	Weekly ⁽⁴⁾
10. <u>PCS Hazardous Waste Determinations</u> Each PCS source	Hazardous waste determination ⁽⁶⁾	When required ⁽⁶⁾
11. <u>Infiltration Surge Pond</u> Leak Detection Port (ISP-LD; sump capacity: 1,350 gal)	Average daily accumulation (gpd)	Weekly ⁽⁴⁾

The Permittee may request a reduction of the monitoring frequency after four quarters of complete monitoring based on justification other than cost. Such reductions may be considered modifications to the Permit and require payment of modification fees.

Abbreviations and Definitions:

AMSL = above mean sea level; CaCO₃ = calcium carbonate; N = nitrogen; EPA = U.S. Environmental Protection Agency; BLM = U.S. Bureau of Land Management; gal = gallons; gpd = gallons per day; gpm = gallons per minute; mg/L = milligrams per liter; μS/cm = micro siemens per centimeter; MGD = million gallons per day; NAC = Nevada Administrative Code; NDEP = Nevada Division of Environmental Protection; PCS = Petroleum-Contaminated Soil; DO = dissolved oxygen; pH = the negative of the base 10 logarithm of the activity of the hydrogen ion; SU = standard units for pH measurement; * = multiplication symbol; > = greater than; ≥ = greater than or equal to; < = less than; °F = degrees Fahrenheit

Footnotes:

(1) Profile I:

Alkalinity (as CaCO ₃) Bicarbonate Total	Cadmium	Magnesium	Silver
	Calcium	Manganese	Sodium
	Chloride	Mercury	Sulfate
Aluminum	Chromium	Nitrate + Nitrite (as N)	Thallium
Antimony	Copper	Nitrogen, Total (as N)	Total Dissolved Solids
Arsenic	Fluoride	pH (± 0.1 SU) ⁽⁷⁾	Uranium ⁽⁸⁾
Barium	Iron	Potassium	Zinc
Beryllium	Lead	Selenium	-

- (2) Monitoring wells shall be completed and baseline water quality sampling completed prior to commencement of infiltration activities at a new infiltration site.
- (3) “Infiltration Water” is dewatering water in the fluid management system that has not been in contact with mining products or mined materials and meets all water quality limitations applicable to the permitted point of discharge.
- (4) Each port or sump must be inspected and evacuated on a more frequent basis than weekly if the fluid level is above the top of the port or sump, or the invert of any pipe which discharges into the port or sump, whichever level is lower, or if the potential exists to exceed the sump capacity. Records are required documenting volume, date, and time of extraction to show that ports and sumps are maintained in this condition.
- (5) The points of compliance for RIB groundwater quality include the respective Primary and Sentinel groundwater monitoring wells, which are typically screened outside or underneath the infiltration mound, but may be screened within the infiltration mound to provide monitoring related to an existing use of groundwater, as warranted. If a groundwater sampling result exceeds both the Profile I water quality reference value and the established pre-infiltration baseline value for a particular parameter, the well must be resampled and the sample analyzed within 10 days of the analytical laboratory reporting of the initial exceedance. If the resample also indicates an exceedance, mitigating action shall be taken within 10 days, the sample result, rationale for the mitigating action, and other information shall be reported to the Division, in accordance with Part II.B.4, and the frequency of sampling identified in Permit Part I.D shall be increased to monthly for a period of at least six months unless otherwise notified by the Division. If the cause of the exceedance has not been fully resolved during the increased sampling and mitigation period, operation

of the source component(s), as applicable, must cease immediately (if not already ceased), and a Corrective Action Plan must be submitted within 30 days to the Division for review and approval, which may require Permit modification.

- (6) A hazardous waste determination is required: a) Initially, for each PCS source prior to management under the PCS Management Plan; b) When a PCS waste stream is suspected to have changed character since the last determination; and c) When a hazardous constituent is detected during screening analyses at a concentration suggestive of hazardous waste. Determinations must be performed pursuant to 40 Code of Federal Regulations (CFR) 262.11 using operator knowledge and/or applicable analytical testing methods described in EPA publication SW-846. Operator knowledge must be adequately described and sufficient to justify the determination.
- (7) All sample analyses resulting in a pH value less than or equal to 5.0 SU shall also be analyzed for acidity (mg/L, as CaCO₃ equivalent).
- (8) Effective 1 January 2022. If uranium concentration is ≥ 0.010 mg/l, additional analysis for uranium (total) is required. If the uranium (total) concentration is ≥ 0.030 , additional analysis for the Profile I-R⁽⁹⁾ is required.
- (9) Profile I-R includes Profile I⁽¹⁾ in addition to the following parameters:

Parameter	Reference Value
Gross Alpha*	15 pCi/L
226Radium + 228Radium	5 pCi/L
Uranium	0.03g/L

*Report gross alpha and adjusted gross alpha in pCi/L.

Radiological analyses shall be performed on unfiltered samples for the total recoverable fraction. If the standard deviation (SD) of the gross alpha analysis is ≥ 15 pCi/L, the sample shall be re-analyzed for gross alpha using the co-precipitation method, EPA 00-02. If the following conditions are met, the sample shall also be analyzed for Th230 using Eichrome Method ACW10-11:

1. Electrical conductivity value $\geq 1,000$ μ S/cm; and,
2. If the SD of the gross alpha analysis ≥ 15 pCi/L; or,
3. If the SD of Rd 226+228 is ≥ 5 pCi/L;

If Uranium is >0.03 mg/L in solution or is known or suspected to be $\geq 0.05\%$ in ore, the Permittee should contact the Nevada Department of Health and Human Services - Radiation Control Program to discuss characterization and associated Permitting or licensing requirements.

- E. Quarterly and annual monitoring reports and release reporting shall be in accordance with Part II.B.
- F. All sampling and analytical accuracy shall be in accordance with Part II.E.
- G. Permit Limitations

1. Analytical values for groundwater quality monitoring shall not exceed a Division Profile I reference value listed below, or the established baseline groundwater concentration, whichever value is greater for each dissolved parameter.

Aluminum	0.2 mg/L	Magnesium	150 mg/L
Antimony	0.006 mg/L	Manganese	0.10 mg/L
Arsenic	0.010 mg/L	Mercury	0.002 mg/L
Barium	2.0 mg/L	Nitrate + Nitrite (as N)	10 mg/L
Beryllium	0.004 mg/L	Nitrogen, Total (as N)	10 mg/L
Cadmium	0.005 mg/L	pH (\pm 0.1 SU)	6.5-8.5 SU
Chloride	400 mg/L	Selenium	0.05 mg/L
Chromium	0.1 mg/L	Silver	0.1 mg/L
Copper	1.0 mg/L	Sulfate	500 mg/L
Fluoride	4.0 mg/L	Thallium	0.002 mg/L
Iron	0.6 mg/L	Total Dissolved Solids	1,000 mg/L
Lead	0.015 mg/L	Zinc	5.0 mg/L

2. The fluid management system shall be managed to prevent overflow or surface discharge from RIBs; the formation of surface seeps, artificial springs, or other surface water bodies; or significant increases in water level or flow rate of existing surface water bodies.
3. A minimum 2-foot freeboard must be maintained in all RIBs (except as otherwise required in Part I.G.12 below), the Infiltration Water Containment Pond, and the Infiltration Surge Pond.
4. No discharge is authorized at either the Filippini or Frome site, and the Permittee must have written authorization from the Division at least 30 days prior to resumption of infiltration activities at the inactive Windmill IV site.
5. The daily accumulation of flow exceeding 150 gallons per day averaged over the quarter in the leak detection ports and sump identified in Parts I.D.9 and I.D.11.
6. The daily accumulation of flow exceeding 50 gallons per day averaged over the year in the leak detection ports and sump identified in Parts I.D.9 and I.D.11.
7. Per the approved April 2010 PCS Plan, no PCS storage and disposal is approved at the facility; all PCS must be moved to the Pipeline Project waste rock dump (WPCP NEV0093109) for provisional storage and disposal.
8. The facility shall not degrade waters of the State to the extent that applicable water quality standards and background concentrations are exceeded.
9. Failure to meet a Schedule of Compliance date or requirement.

10. The facility total discharge rate to RIBs shall not exceed 37,500 gallons per minute (gpm).
11. The combined discharge rate to the Cottonwood II, Cottonwood III, and Cottonwood IV RIBs shall not exceed 12,000 gpm.
12. All Cottonwood II, III, and IV RIBs shall be excavated 20 feet or more below the surrounding native ground surface, and shall be constructed and managed to prevent the water level from rising to less than 17 feet below the minimum native ground surface elevation immediately adjacent to each RIB. The elevation of RIB to RIB overflow structures shall be designed and constructed accordingly. RIBs not outfitted with RIB to RIB overflow structures shall be equipped with water level indicators for routine visual compliance monitoring.

Exceeding these limitations may be Permit violations and shall be reported as specified in Part II.B.4.

- H. The facility shall maintain an automated or manual calibrated rain and snow gauge(s), which shall be monitored at least daily to record precipitation (inches of water, including snow water equivalent). A written and/or electronic record of precipitation data shall be maintained on site and shall be submitted to the Division upon request, with each Permit renewal application, and pursuant to parts II.B.1 and II.B.2, as applicable, in a Division-approved electronic format.
- I. The Permittee shall monitor the pumping rate of all dewatering wells. A record of the time periods during which each pump was active and the average pumping rate in gpm shall be maintained on site.
- J. The Permittee shall inspect all control devices, systems and facilities weekly and during (when possible) and after major storm events. These inspections are performed to detect evidence of:
 1. Deterioration, malfunction, or improper operation of control or monitoring systems;
 2. Sudden changes in the data from any monitoring device (if applicable);
 3. The presence of liquids in leak detection systems (if applicable);
 4. Unauthorized discharges; and
 5. Severe erosion or other signs of deterioration in RIBs, dikes, diversions, closure covers, or other containment devices.
- K. Prior to initiating permanent closure activities at the water management facility or any water management process component or other source within the facility, the Permittee must have an approved final plan for permanent closure.
- L. The Permittee shall remit an annual review and services fee in accordance with NAC 445A.232 starting July 1 after the effective date of this Permit and every year thereafter until the Permit is terminated or the facility has received final closure certification from this Division.

- M. The approved PCS Management Plan and the Division Guidance for Mine-Site PCS Management Plans are hereby incorporated into this Permit by reference.
- N. When performing dust suppression activities, the Permittee shall use best management practices and appropriate selection of water source and additives to prevent degradation of waters of the State. If a dust suppressant exceeds a water quality standard and the corresponding natural background water concentration in the area where dust suppression will occur, the Permittee shall demonstrate no potential to degrade waters of the State.
- O. Continuing Investigations
 - 1. The Permittee shall submit to the Division for review and approval with each Permit renewal, and with any application to modify the Permit that could affect the water quality of the permitted discharge, an updated hydrogeochemical evaluation of current, and predicted future, water quality in the infiltration mound system above the pre-mining water elevation and in the underlying groundwater, the predicted future discharge volume and chemistry, and the resultant potential for degradation of groundwater in response to the permitted infiltration. If applicable, the hydrogeochemical evaluation must include additional proposed controls to eliminate any potential for groundwater degradation. Approval may require modification of the Permit and payment of modification fees.

II. General Facility Conditions and Limitations

A. General Requirements

- 1. The Permittee shall achieve compliance with the conditions, limitations, and requirements of the Permit upon commencement of each relevant activity. The Administrator may, upon the request of the Permittee and after public notice (if required), revise or modify a Schedule of Compliance in an issued Permit if he or she determines good and valid cause (such as an act of God, a labor strike, materials shortage or other event over which Permittee has little or no control) exists for such revision.
- 2. The Permittee shall at all times maintain in good working order and operate as efficiently as possible, all devices, facilities, or systems installed or used by the Permittee to achieve compliance with the terms and conditions of this Permit.
- 3. Whenever the Permittee becomes aware that he or she failed to submit any relevant facts in the Permit application, or submitted incorrect information in a Permit application or in any report to the Administrator, the Permittee shall promptly submit such facts or correct information. Any inaccuracies found in this information may be grounds for revocation or modification of this Permit and appropriate enforcement action.

B. Reporting Requirements

1. The Permittee shall submit quarterly reports, in both hard copy and a Division-approved electronic format, which are due to the Division on or before the 28th day of the month following the quarter and must contain the following:
 - a. Analytical results for fluid samples from locations identified in Parts I.D.1, I.D.2, I.D.5, I.D.6, and I.D.8, reported on Nevada Division of Environmental Protection (NDEP) Form 0190 or equivalent;
 - b. A record of groundwater and collar elevations for locations identified in Parts I.D.4, I.D.5, and I.D.6;
 - c. A record of flow as described in Parts I.D.1 and I.D.8, as applicable, for a five-year history previous to the date of submittal;
 - d. Total daily and quarterly water volumes as identified in Part I.D.3;
 - e. Date(s) and reason(s) for use of the Infiltration Water Containment Pond, identified in Part I.D.8;
 - f. Monitoring results from the leak detection ports and sump identified in Parts I.D.9 and I.D.11;
 - g. A record of releases, and the remedial actions taken in accordance with the approved Emergency Response Plan on NDEP Form 0390 or equivalent;
 - h. Copies of hazardous waste determinations, identified in Part I.D.10, pertaining to the approved PCS Management Plan; and
 - i. An updated list of all PCS sources managed under the approved PCS Management Plan, with any new or changed sources highlighted, reported on NDEP Form PCS-01 or equivalent.

Facilities, which have not initiated mining, construction, or discharge, must submit a quarterly report identifying the status of mining, construction, and discharge. Subsequent to any noncompliance or any facility expansion, which provides increased capacity, the Division may require an accelerated monitoring frequency.

2. The Permittee shall submit an annual report, in both hard copy and a Division-approved electronic format, by February 28th of each year, for the preceding calendar year, which contains the following:
 - a. A synopsis of releases on NDEP Form 0390 or equivalent;
 - b. A brief summary of site operations, including the total cumulative volume of water discharge from the fluid management system during the year identified in Part I.D.1, construction, expansion, and reclamation activities, and major problems with the water management system;
 - c. A table of total monthly precipitation amounts recorded in accordance with Part I.H, reported for a five-year history previous to the date of submittal;
 - d. An updated version of the facility monitoring and sampling procedures and protocols, as applicable;

- e. An updated evaluation of the closure plans, as applicable, using specific characterization data for each water management process component with respect to achieving stabilization;
 - f. Graphs of pH, total dissolved solids (TDS), sulfate, fluoride, chloride, nitrate + nitrite (as N), and arsenic concentration (as applicable), versus time for all fluid sampling points. These graphs shall display a five-year history previous to the date of submittal. Additional parameters may be required by the Division if deemed necessary;
 - g. A summary of the Southern Crescent Valley Springs monitoring report as described in Part I.D.7; and
 - h. A summary report of actions performed, results, and recommendations for future actions, in accordance with the FMW-07S CAP.
3. Release Reporting Requirements: The following applies to facilities with an approved Emergency Response Plan. If a site does not have an approved Emergency Response Plan, then all releases must be reported as per NAC 445A.347 or NAC 445A.3473, as appropriate.
- a. A release of any quantity of hazardous substance, as defined at NAC 445A.3454, to surface water, or that threatens a vulnerable resource, as defined at NAC 445A.3459, must be reported to the Division as soon as practicable after knowledge of the release, and after the Permittee notifies any emergency response agencies, if required, and initiates any action required to prevent or abate any imminent danger to the environment or the health or safety of persons. An oral report shall be made by telephone to (888) 331-6337 for in-State callers or (775) 687-9485 for out-of-State callers, and a written report shall be provided within 10 days in accordance with Part II.B.4.b.
 - b. A release of a hazardous substance in a quantity equal to or greater than that which is required to be reported to the National Response Center pursuant to 40 CFR Part 302 must be reported as required by NAC 445A.3473 and Part II.B.3.a.
 - c. A release of a non-petroleum hazardous substance not subject to Parts II.B.3.a. or II.B.3.b., released to soil or other surfaces of land, and the total quantity is equal to or exceeds 500 gallons or 4,000 pounds, or that is discovered in or on groundwater in any quantity, shall be reported to the Division no later than 5:00 P.M. of the first working day after knowledge of the release. An oral report shall be made by telephone to (888) 331-6337 for in-State callers or (775) 687-9485 for out-of-State callers, and a written report shall be provided within 10 days in accordance with Part II.B.4.b. Smaller releases, with total quantity greater than 25 gallons or 200 pounds and less than 500 gallons or 4,000 pounds, released to soil or other surfaces of land, or discovered in at least 3 cubic yards of soil, shall be reported quarterly on NDEP Form 0390 or equivalent.

- d. Petroleum Products and Coolants: If a release is subject to Parts II.B.3.a. or II.B.3.b., report as specified in Part II.B.3.a. Otherwise, if a release of any quantity is discovered on or in groundwater, or if the total quantity is equal to or greater than 100 gallons released to soil or other surfaces of land, report as specified in Part II.B.3.c. Smaller releases, with total quantity greater than 25 gallons but less than 100 gallons, released to soil or other surfaces of land, or if discovered in at least 3 cubic yards of soil, shall be reported quarterly on NDEP Form 0390 or equivalent.
4. The Permittee shall report to the Administrator any noncompliance with the Permit.
 - a. Each such event shall be reported orally by telephone to (775) 687-9400, not later than 5:00 P.M. of the next regular work day from the time the Permittee has knowledge of the circumstances. This report shall include the following:
 - i. Name, address, and telephone number of the owner or operator;
 - ii. Name, address, and telephone number of the facility;
 - iii. Date, time, and type of incident, condition, or circumstance;
 - iv. If reportable hazardous substances were released, identify material and report total gallons and quantity of contaminant;
 - v. Human and animal mortality or injury;
 - vi. An assessment of actual or potential hazard to human health and the environment outside the facility; and
 - vii. If applicable, the estimated quantity of material that will be disposed and the disposal location.
 - b. A written summary shall be provided within 10 days of the time the Permittee makes the oral report. The written summary shall contain:
 - i. A description of the incident and its cause;
 - ii. The periods of the incident (including exact dates and times);
 - iii. If reportable hazardous substances were released, the steps taken and planned to complete, as soon as reasonably practicable, an assessment of the extent and magnitude of the contamination pursuant to NAC 445A.2269;
 - iv. Whether the cause and its consequences have been corrected, and if not, the anticipated time each is expected to continue; and
 - v. The steps taken or planned to reduce, eliminate, and prevent recurrence of the event.
 - c. The Permittee shall take all available and reasonable actions, including more frequent and enhanced monitoring to:

- i. Determine the effect and extent of each incident;
 - ii. Minimize any potential impact to the waters of the State arising from each incident;
 - iii. Minimize the effect of each incident upon domestic animals and all wildlife; and
 - iv. Minimize the endangerment of the public health and safety which arises from each incident.
- d. If required by the Division, the Permittee shall submit, as soon as reasonably practicable, a final written report summarizing any related actions, assessments, or evaluations not included in the report required in Part II.B.4.b., and including any other information necessary to determine and minimize the potential for degradation of waters of the State and the impact to human health and the environment. Submittal of the final report does not relieve the Permittee from any additional actions, assessments, or evaluations that may be required by the Division.

C. Administrative Requirements

1. A valid Permit must be maintained until permanent closure and post-closure monitoring are complete. Therefore, unless permanent closure and post-closure monitoring have been completed and termination of the Permit has been approved in writing by the Division, the Permittee shall apply for Permit renewal not later than 120 days before the Permit expires.
2. Except as required by NAC 445A.419 for a Permit transfer, the Permittee shall submit current Permit contact information described in paragraphs (a) through (c) of subsection 2 of NAC 445A.394 within 30 days after any change in previously submitted information.
3. All reports and other information requested by the Administrator shall be signed and certified as required by NAC 445A.231.
4. All reports required by this Permit, including, but not limited to, monitoring reports, corrective action reports, and as-built reports, as applicable, and all applications for Permit modifications, shall be submitted in both hard copy and a Division-approved electronic format.
5. The Permittee shall submit any new or updated Universal Transverse Mercator (UTM) location data for all monitoring points specified in Part I.D, expressed in meters and decimals of a meter, using the Nevada Coordinate System of 1983 (also known as the North American Datum of 1983 or NAD83, ref NRS 327.005), with each Permit renewal, as-built report, and monitoring plan update, as applicable. Data shall be submitted electronically to the Division in Excel format.

6. When ordered consistent with Nevada Statutes, the Permittee shall furnish any relevant information in order to determine whether cause exists for modifying, revoking and reissuing, or permanently revoking this Permit, or to determine compliance with this Permit.
7. The Permittee shall maintain a copy of, and all modifications to, the current Permit at the permitted facilities at all times.
8. The Permittee is required to retain during operation, closure and post-closure monitoring, all records of monitoring activities and analytical results, including all original strip chart or data logger recordings for continuous monitoring instrumentation, and all calibration and maintenance records. This period of retention must be extended during the course of any unresolved litigation.
9. The provisions of this Permit are severable. If any provision of this Permit, or the application of any provision of this Permit to any circumstance, is held invalid, the application of such provision to other circumstances, and the remainder of this Permit, shall not thereby be affected.
10. The Permittee is authorized to manage fluids and solid wastes in accordance with the conditions of this Permit. Issuance of this Permit does not convey property rights of any sort or any exclusive privilege; nor does it authorize any injury to persons or property, any invasion of other private rights, or any infringement of Federal, State, or local law or regulations. Compliance with the terms of this Permit does not constitute a defense to any order issued or any action brought under the Water Pollution Control Statutes for releases or discharges from facilities or units not regulated by this Permit. NRS 445A.675 provides that any person who violates a permit condition is subject to administrative or judicial action provided in NRS 445A.690 through 445A.705.

D. Division Authority

The Permittee shall allow authorized representatives of the Division, at reasonable times, and upon the presentation of credentials to:

1. Enter the premises of the Permittee where a regulated activity is conducted or where records are kept per the conditions of this Permit;
2. Have access to and copy any record that must be kept per the conditions of this Permit;
3. Inspect and photograph any facilities, equipment (including monitoring and control equipment), practices, or operations regulated by this Permit; and
4. Sample or monitor for any substance or parameter at any location for the purposes of assuring Permit and regulatory compliance.

E. Sampling and Analysis Requirements

1. Samples and measurements taken for the purpose of monitoring shall be representative of the monitored activity.

2. For each measurement or sample taken pursuant to the conditions of this Permit, the Permittee shall record the following information:
 - a. The exact place, date, and time of the inspection, observation, measurement, or sampling; and
 - b. The person(s) who inspected, observed, measured, or sampled.
3. Samples must be taken, preserved, and labeled according to Division approved methods.
4. Standard environmental monitoring chain of custody procedures must be followed.
5. Samples shall be analyzed by a laboratory certified or approved by the State of Nevada, as applicable for the method(s) being performed. The Permittee must identify in all required reports the certified and approved laboratories used to perform the analyses, analytical methods performed (electronic version of report only), laboratory reference numbers, sample dates, and laboratory test dates.
6. The accuracy of analytical results, unless otherwise specified, shall be expressed in mg/L and be reliable to at least two significant digits. The analytical methods used must have a practical quantitation limit (PQL) equal to or less than one-half the reference value for Profile I parameters. Laboratories shall report the lowest reasonable PQL based on in-house method detection limit studies. Samples for Profile I parameters shall be filtered and analyzed for the dissolved fraction, unless otherwise required by the Division. Unless otherwise approved by the Division, analytical results that are less than the PQL shall be reported quantitatively by listing the PQL value preceded by the "<" symbol.

F. Permit Modification Requirements

1. Any material modification, as defined at NAC 445A.365, plan to construct a new water management process component, or proposed change to Permit requirements, must be reported to the Division by submittal of an application for a Permit modification, or if such changes are in conformance with the existing Permit, by submittal of a written notice of the changes. The Permit modification application must comply with NAC 445A.391 through 445A.399, 445A.410, 445A.414, 445A.4155, 445A.416, 445A.417, 445A.440, and 445A.442, as applicable. The construction or modification shall not commence, nor shall a change to the Permit be effective, until written Division approval is obtained.
2. Prior to the commencement of mining activities at any site within the State, which is owned or operated by the Permittee but not identified and characterized in a previously submitted application or report, the Permittee shall submit to the Division a report which identifies the locations of the proposed mine areas and waste disposal sites, and characterizes the potential of mined

materials and areas to release pollutants. Prior to development of these areas the Division shall determine if any of these new sources will be classified as process components and require engineered containment as well as Permit modification.

3. The Permittee shall notify the Division in writing at least 30 days before the introduction of dewatering water into a new water management process component or into an existing water management process component that has been materially modified, or of the intent to commence active operation of that water management process component. Before introducing dewatering water or commencing active operation, the Permittee shall obtain written authorization from the Division.
4. The Permittee must obtain a written determination from the Administrator of any planned water management process component construction or material modification, or any proposed change to Permit requirements, as to whether it is considered a Permit modification, and if so, what type.
5. The Permittee must give advance notice to the Administrator of any planned changes or activities which are not material modifications in the permitted facility that may result in noncompliance with Permit requirements.

Prepared by: Natasha Zittel
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