STATE OF NEVADA

Department of Conservation and Natural Resources

Division of Environmental Protection

Bureau of Mining Regulation and Reclamation

Water Pollution Control Permit

Permittee: **Osgood Mining Company, LLC**
Granite Creek Mine Rapid Infiltration Basins (formerly Pinson Rapid Infiltration Basins)
5190 Neil Road, Suite 460
Reno, Nevada 89502

Permit Number: **NEV2005102**
Review Type/Year/Revision: **Renewal 2025, Revision 00**

Pursuant to Nevada Revised Statute (NRS) 445A.300 through 445A.730, inclusive, and regulations promulgated thereunder by the State Environmental Commission and implemented by the Division of Environmental Protection (Division), this Permit authorizes the Permittee to construct, operate, and close the **Granite Creek Mine Rapid Infiltration Basins** (formerly Pinson Rapid Infiltration Basins), 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 **9,936,000 gallons per day**.

The facility is located on private land in Humboldt County, within Sections 28, 29 and 33 of Township 38 North, Range 42 East, Mount Diablo Baseline and Meridian, approximately 37 miles northeast of the town of Winnemucca.

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 17 February 2005, 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 **Month Day, 2025**, and shall remain in effect until **November 28, 2030**, unless modified, suspended, or revoked.

Signed this _____ day of **Month 2025**.

_____

Ashley Taylor
Chief, Bureau of Mining Regulation and Reclamation

I. Specific Facility Conditions and Limitations

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

1. Construct, operate, and close the Rapid Infiltration Basins (RIBs) 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 water and all meteoric waters that enter the system as a result of the 25-year, 24-hour storm event; and
3. Not release or discharge contaminants from the fluid management system that would result in degradation of waters of the State.

B. Schedule of Compliance:

1. Monitoring wells for RIBs 1 and 4 shall be installed in the locations approved by the Division, be screened at the appropriate elevations, and be capable of monitoring groundwater quality and water elevation. The Division must receive borehole characterization, hydrostratigraphy, water sample results, and elevation data 30 days prior to the introduction of any dewatering water into RIBs 1 and 4.

The schedule of compliance items above are 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;
2. Collection pipelines, transfer pipes, valves, pumps and other devices used to convey, control, or monitor dewatering solution;
3. Surge Pond; and
4. RIB-1, RIB-2, RIB-3, and RIB-4.

D. Monitoring Requirements:

Identification	**Parameter**	**Frequency**
1. Granite Creek Mine Dewatering Wells: (APW1, BPW2, BPW3, BPW4, BPW5, and GCCW)	Individual and Combined flow (MGD)[5]; Profile I [1] Uranium[2]	Monthly; Quarterly (when pumped)

Identification	Parameter	Frequency
2. Surge Pond: Flow (SP1); Sediments (SPS)	Cumulative flow input and output (MGD)(5); MWMP(11)-Profile I(1), Uranium(2),	Monthly (once commissioned); Prior to Disposal
3. RIB Distribution Pipeline: Upstream of RIB Distribution Manifold (RDP)	Flow (gpm); Profile I(1), Uranium(2),	Continuous; Quarterly
4. Rapid Infiltration Basins: (RIB1, RIB2, RIB3, and RIB4)	Individual and Combined flow input (MGD)(5); Depth of water (feet)	Monthly; Weekly
5. RIB1 Monitoring Wells(9): (RMW1NE, RMW1SE, and RMW1W)	Water elevation and well collar elevation (feet amsl); Profile I(1), Uranium(2)	Weekly (once commissioned); Quarterly
6. RIB2 Monitoring Wells(9): (RMW2NE, RMW2SE, and RMW2W)	Water elevation and well collar elevation (feet amsl); Profile I(1), Uranium(2)	Quarterly; Semi-annually (1st and 3rd quarter)
7. RIB3 Monitoring Wells(9): (RMW3NE, RMW3SE, and RMW3W)	Water elevation and well collar elevation (feet amsl); Profile I(1), Uranium(2)	Quarterly; Semi-annually (1st and 3rd quarter)

Identification	Parameter	Frequency
8. RIB4 Monitoring Wells[9]: (RMW4W, RMW4E, and RMW4S/HLMW1)	Water elevation and well collar elevation (feet amsl); Profile I[1], Uranium[2]	Weekly (once commissioned); Quarterly
9. RIB1 Piezometers[10]: (RPZ1N, RPZ1S, RPZ1E, and RPZ1W)	Hydrostatic head (feet bgs)	Weekly (once commissioned)
10. RIB2 Piezometers[10]: (RPZ2N, RPZ2S, RPZ2E, and RPZ2W)	Hydrostatic head (feet bgs)	Quarterly
11. RIB3 Piezometers[10]: (RPZ3N, RPZ3S, RPZ3E, and RPZ3W)	Hydrostatic head (feet bgs)	Quarterly
12. RIB4 Piezometers[10]: (RPZ4N, RPZ4S, RPZ4E, and RPZ4W)	Hydrostatic head (feet bgs)	Weekly (once commissioned)

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; ASTM = American Society for Testing and Materials; $CaCO_3$ = calcium carbonate; EPA = U.S. Environmental Protection Agency; gpm = gallons per minute; mg/L = milligrams per liter; MGD = million gallons per day; N = nitrogen; NAC = Nevada Administrative Code; NDEP = Nevada Division of Environmental Protection; PCS = Petroleum-Contaminated Soil; pH = the negative of the base 10 logarithm of the activity of the hydrogen ion; PQL = Practical Quantitation Limit; RDL = Reported Detection Limit; SU = standard units for pH measurement; * = multiplication symbol; > = greater than; ≥ = greater than or equal to; < = less than; ºF = degrees Fahrenheit

Footnotes:

(1) Profile I:

General Chemistry Parameters		
Acidity[6]	Chloride	pH (± 0.1 SU) [8]

Alkalinity (as $CaCO_3$)	Fluoride	Sulfate
Bicarbonate(7)	Nitrate + Nitrite (as N)	Total Dissolved Solids
Total(7)	Nitrogen Total (as N)	---
Metals, Dissolved		
Aluminum	Chromium	Potassium
Antimony	Copper	Selenium
Arsenic	Iron	Silver
Barium	Lead	Sodium
Beryllium	Magnesium	Thallium
Cadmium	Manganese	Zinc
Calcium	Mercury	---

(2) Uranium (total) shall be reported in mg/L and have the reference value of 0.03 mg/L. If uranium (total) concentration is ≥ 0.030 mg/L, analysis for the Profile I(1), Uranium(2), and Profile R(3) is required in the subsequent quarter.

(3) Profile R:

Parameter	Reference Value/Unit
Gross Alpha (4)	pCi/L
Adjusted Gross Alpha*	15 pCi/L
226Radium	pCi/L
228Radium	pCi/L
226Radium + 228Radium	5 pCi/L

*Adjusted gross alpha is gross alpha minus uranium activity in pCi/L.

(4) If the sample location is known to have a TDS greater than 1,000 mg/L, gross alpha can be analyzed using the co-precipitation method, EPA 00-02. Additionally, if the standard deviation (SD) of the adjusted gross alpha analysis is greater than or equal to 15 pCi/L, the sample shall be analyzed, in the subsequent quarter, for gross alpha using the co-precipitation method, EPA 00-02

(5) In-line installation and operation of flow totalizers are required for determination of cumulative flow.

(6) The sump must be inspected and evacuated on a more frequent basis than weekly if the fluid level is above the top of the sump or the invert of any pipe which discharges into the 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 sumps are maintained in this condition.

(7) All sample analyses resulting in a pH value greater than or equal to 4.5 SU shall be analyzed for alkalinity (Bicarbonate and Total, mg/L, as $CaCO_3$ equivalent).

(8) 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 $CaCO_3$ equivalent).

(9) The Division will require at least one upgradient and two downgradient monitoring wells for each constructed RIB, installed in locations approved by the Division and sampled 30 days prior to initiation of infiltration.

(10) The Division will require four piezometer at each constructed RIB one to be placed on each side of each constructed RIB.

(11) The Meteoric Water Mobility Procedure (MWMP) shall be performed by a Nevada-approved laboratory, in accordance with American Society for Testing and Materials (ASTM) Method E 2242 (or the most current method).

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. Water samples from downgradient monitoring wells shall not exceed the following maximum constituent concentrations based on background water quality and the most recent predictive modeling results:

Aluminum	0.2 mg/L	Manganese	0.10 mg/L
Antimony	0.006 mg/L	Mercury	0.002 mg/L
Arsenic	0.01 mg/L	Nitrate + Nitrite (as N)	10 mg/L
Barium	2.0 mg/L	Nitrogen Total (as N)	10 mg/L
Beryllium	0.004 mg/L	Field pH (± 0.1 SU)	6.5-8.5 SU
Cadmium	0.005 mg/L	Selenium	0.05 mg/L
Chloride	400 mg/L	Silver	0.1 mg/L
Chromium	0.1 mg/L	Sulfate	500 mg/L
Copper	1.0 mg/L	TDS	1000 mg/L
Fluoride	4.0 mg/L	Thallium	0.002 mg/L
Iron	0.6 mg/L	Zinc	5.0 mg/L
Lead	0.015 mg/L	-	-
Magnesium	150 mg/L	-	-

2. Discharge to the RIBs shall be managed and the infiltration mound shall be controlled to prevent the formation of surface expressions or artificial springs.

3. The maximum discharge rate to any single RIB may not exceed 6,900 gpm.

4. The maximum discharge rate to the Surge Pond may not exceed 6,900 gpm.

5. The dewatering water conveyance pipelines, as approved, are designed and constructed solely to transfer non-process water from sources approved by the Division.
6. The point of compliance for groundwater quality is at the respective downgradient monitoring wells screened outside the infiltration mound.
7. The permittee shall obtain Division approval based on the characterization data required in Part I.D.2 prior to disposal of solids collected in the Surge Pond.
8. A minimum 2-foot freeboard must be maintained in all RIBs and ponds.
9. The facility shall not degrade waters of the State to the extent that applicable water quality standards and background concentrations are exceeded.
10. Failure to meet a Schedule of Compliance requirement.

Exceedances of 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 inspect all control devices, systems, and facilities weekly, and also 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.

J. Prior to initiating permanent closure activities at the water management facility, or at any water management process component or other source within the facility, the Permittee shall submit and obtain approval from the Division, in writing, of a final plan for permanent closure.

K. The Permittee shall remit an annual review and services fee in accordance with Nevada Administrative Code (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 the Division.

L. The Permittee shall not dispose of or treat Petroleum-Contaminated Soil (PCS) on the mine site without first obtaining from the Division approval of a PCS Management Plan.

M. 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.

N. Continuing Investigations:

1. The Permittee shall submit to the Division for review and approval with each application to renew or 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 of the solution collected from the Granite Creek Mine dewatering wells identified in Part I.D.1 on Nevada Division of Environmental Protection (NDEP) Form 0190 or equivalent;

   b. Analytical results of the solution collected from the well head, distribution pipeline, and monitoring wells identified in Parts I.D.3, I.D.5, I.D.6, I.D.7, and I.D.8 on NDEP Form 0190 or equivalent;

   c. Analytical results of the MWMP-Profile I testing for the material identified in Parts I.D.2 on NDEP Form 0190 or equivalent;

   d. Monitoring results from the piezometers identified in Parts I.D.9 through I.D.12, reported on NDEP Form 0590 or equivalent;

   e. Water levels for monitoring wells and infiltration basins identified in Parts I.D.4 through I.D.8; and

   f. Flow rates for flow monitoring devices identified in Parts I.D.1 through I.D.4.

   g. A record of releases, and the remedial actions taken in accordance with the approved Emergency Response Plan on NDEP Form 0490 or equivalent.

   Facilities which have not initiated mining or construction, must submit a quarterly report identifying the status of mining or construction. 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. Analytical results of the water collected from dewatering wells identified in Part I.D.1, reported on NDEP Form 0190 or equivalent;

   c. A brief summary of site operations, including the number of gallons of dewatering water infiltrated during the year, construction and expansion activities and major problems with the fluid management system;

   d. A table of total monthly precipitation and other weather data, as applicable, recorded in accordance with Part I.H, reported for either a five-year history previous to the date of submittal or the history since the initial Permit issuance, whichever is shorter;

   e. An updated version of the facility monitoring and sampling procedures and protocols, as applicable;

f. An updated evaluation of the closure plans, as applicable, using specific characterization data for each process component with respect to achieving stabilization; and

g. Graphs of flow rates, volume, depth, elevation, freeboard, arsenic, chloride, fluoride, nitrate + nitrite (Total as N), pH, sulfate, and TDS concentration (as applicable), versus time for all fluid monitoring 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.

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 Code of Federal Regulations 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. The release shall be reporting through the online reporting system available at http://www/ndep.nv.gov or an oral report shall be made by telephone to (888) 331-6337. 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, 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 Renewal or 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 number, sample date 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, Uranium, and Profile R parameters. Laboratories shall report the lowest reasonable PQL based on in-house method detection limit studies. Samples shall be analyzed by methods listed in 40 CFR Part 136 Table 1B, as applicable, by a laboratory certified for that method by the State of Nevada – Bureau of Safe Drinking Water Laboratory Certification Program. Samples for Profile I metals shall be filtered, digested, and analyzed for the dissolved fraction; samples requiring Uranium and Profile R analysis shall be unfiltered, digested (as applicable) and analyzed. For additional guidance, please see the Profile Analytical Lists on the Website of the Division: https://ndep.nv.gov/land/mining. 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: TJ Mohammed
Date: October 13, 2025

Revision 00: Renewal 2025 and boiler plate updates