

IDAPA 58 – DEPARTMENT OF ENVIRONMENTAL QUALITY

58.01.13 – RULES FOR ORE PROCESSING BY CYANIDATION

DOCKET NO. 58-0113-2501

NOTICE OF RULEMAKING – ADOPTION OF PENDING RULE AND AMENDMENT TO TEMPORARY RULE

EFFECTIVE DATE: The amendment to temporary rule is effective December 3, 2025. This rule has been adopted by the Idaho Board of Environmental Quality (Board) and is now pending review by the 2026 Idaho State Legislature for final approval. Pursuant to [Section 67-5224](#), Idaho Code, this pending rule must be approved by concurrent resolution of the Legislature. Pursuant to [Section 67-5291\(2\)](#), Idaho Code, all temporary, pending, and final rules of any nature may be approved or rejected by a concurrent resolution of the Legislature. The concurrent resolution shall state the effective date of the approval or rejection. If approved by concurrent resolution, the rules will become effective on July 1, 2026, unless otherwise specified in the concurrent resolution.

AUTHORITY: In compliance with Sections 67-5224 and [67-5226](#), Idaho Code, notice is hereby given that the Board has adopted a pending rule and amended a temporary rule. This action is authorized by [Sections 39-105](#), [39-107](#), and [39-118A](#), Idaho Code.

DESCRIPTIVE SUMMARY: This rulemaking updates IDAPA 58.01.13 for consistency with Idaho Code § 39-118A recently revised under Senate Bill 1170, which directs DEQ to commence an administrative review and bring the rules into compliance with revised Idaho Code § 39-118A by July 1, 2025. In June 2025, the Board adopted a temporary rule that enabled DEQ to comply with the July 1, 2025, effective date of Senate Bill 1170. In July 2025, DEQ published the temporary-proposed rule, inviting the public to comment on the rule - Idaho Administrative Bulletin, July 2, 2025, [Vol. 25-7, pages 149–170](#). After consideration of public comments, the proposed rule has been revised at Sections 007 and 050. Revisions were also made in Subsections 100.03, 100.03.r., and 100.03.r.i. for clarification to Contents of Application. Additionally, non-substantive formatting changes to rule citations were made throughout the rule for consistency with statewide rule publication standards. The remainder of the rule has been adopted as initially proposed.

The text of the proposed rule has been amended in accordance with Section 67-5227, Idaho Code. To maintain regulatory consistency while the pending rule awaits legislative approval, the Board amended the temporary rule with the same revisions made to the pending rule. The board meeting documents are available at [Rules for Ore Processing by Cyanidation: Docket No. 58-0113-2501 | Idaho Department of Environmental Quality](#).

TEMPORARY RULE JUSTIFICATION: In accordance with Section 67-5226(1), Idaho Code, the Governor finds that the following provisions require this rule to become effective before it has been submitted for legislative review:

Section 67-5226(1)(b), Idaho Code, compliance with deadlines in amendments to governing law; and Section 67-5226(1)(c), Idaho Code, reducing a regulatory burden that would otherwise impact individuals or businesses. The amendment to temporary rule is effective December 3, 2025. An earlier effective date is necessary to maintain regulatory consistency while the pending rule awaits legislative approval.

FEE SUMMARY: Pursuant to Section 67-5224(2)(d), Idaho Code, a pending fee rule shall not become final and effective unless affirmatively approved by concurrent resolution of the Legislature. The following is a description of the fee or charge imposed or increased in this rulemaking: Not applicable.

FISCAL IMPACT STATEMENT: The following is a specific description, if applicable, of any negative fiscal impact on the state general fund greater than ten thousand dollars (\$10,000) during the fiscal year: Not applicable.

ASSISTANCE ON TECHNICAL QUESTIONS: For assistance on questions concerning the rulemaking, contact the undersigned.

Dated this 3rd day of December, 2025.

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DOCKET NO. 58-0113-2501 - ADOPTION OF PENDING RULE
AND AMENDMENT TO TEMPORARY RULE

Substantive changes have been made in the pending rule.
Italicized red text that is *double underscored* indicates
amendments to the temporary and proposed text as adopted in the pending rule.
Italicized green text *underscored and struck through* is codified temporary text that is being
removed from the temporary rule. This is also an amendment to the pending rule text.

The text of the temporary/proposed rule was published in the Idaho Administrative Bulletin,
Volume 25-7, July 2, 2025, pages 149 through 170.

This rule has been adopted as a pending rule by the Agency and is now awaiting
review and final approval by the 2026 Idaho State Legislature.

THE FOLLOWING IS THE AMENDED TEMPORARY RULE AND THE
AMENDED PENDING RULE TEXT FOR DOCKET NO. 58-0113-2501

(Only those sections or subsections that have changed from the original temporary and proposed rule
are printed in this Bulletin following this notice.)

58.01.13 – RULES FOR ORE PROCESSING BY CYANIDATION

007. DEFINITIONS.

The terms *“Application,” “As-built Submittal,” “Component or Phase,” “Cyanidation,” “Cyanidation Facility,” “Cyanidation Pollutants,” “Issued for Construction Data Package,” “Major Modification or Material Modification,” and “Permit”* are defined in 39-118A, Idaho Code. The terms *“Department,” “Director,” “State,” “Person,”* and *“Waters”* have the meaning provided for that term in *are defined in* Section 39-103, Idaho Code. The term *“ground water”* has the meaning provided *is defined* in Section 39-121, Idaho Code. *The terms “Beneficial Use” and “Best Management Practices (BMPs)” are defined in IDAPA 58.01.02, “Water Quality Standards.”*
(3-24-22)(7-1-25)T(12-3-25)T

01- Beneficial Use. As defined in IDAPA 58.01.02, *“Water Quality Standards,”* Section 010, as amended. *(3-24-22)*

02- Best Management Practices (BMPs). As defined in IDAPA 58.01.02, *“Water Quality Standards,”* Section 010, as amended. *(3-24-22)*

~~031.~~ **Degradation.** When referring to surface water, “degradation” has the meaning provided in IDAPA 58.01.02, ~~“Water Quality Standards,”~~ Section 010. When referring to ground water, “degradation” has the meaning provided in IDAPA 58.01.11, ~~“Ground Water Quality Rule,”~~ Section 007. ~~(3-24-22)~~ (12-3-25)T

~~042.~~ **Discharge.** When used without qualification, any spilling, leaking, emitting, escaping, leaching, or disposing of a cyanidation pollutant into waters. ~~(3-24-22)~~ (7-1-25)T

~~053.~~ **Idaho Pollutant Discharge Elimination System (IPDES) Permit.** A permit issued by the Department for the purpose of regulating discharges into surface waters. (3-24-22)

~~064.~~ **Land Application.** A process or activity involving application of liquids or slurries potentially containing cyanide from the cyanidation facility to the land surface for the purpose of treatment, neutralization, disposal, or ground water recharge. (3-24-22)

~~075.~~ **Liner.** A continuous layer of natural or man-made materials beneath and, if applicable, on the sides of ponds, tailings impoundments, or leach pads that restricts the downward and lateral movement of liquids. (3-24-22)

~~08.~~ ~~**Material Modification or Material Expansion.**~~ ~~(3-24-22)~~

~~a.~~ Any change to a permitted cyanidation facility, except as provided in Subsection 007.08.b., that the Department determines will: ~~(3-24-22)~~

~~i.~~ Cause or increase the potential to cause degradation of waters, such as a new cyanidation process or cyanidation facility component; ~~(3-24-22)~~

~~ii.~~ Significantly change the capacity, location, or process of an existing cyanidation facility component; or ~~(3-24-22)~~

~~iii.~~ Change the site condition in a manner that is not adequately described in the original permit application. ~~(3-24-22)~~

~~b.~~ Reclamation and closure related activities at a cyanidation facility with an existing permit that did not actively add cyanide after January 1, 2005 is not material modification or material expansion of the cyanidation facility. ~~(3-24-22)~~

~~096.~~ **Material Stabilization.** Managing or treating spent ore, tailings or other solids and/or sludges resulting from the cyanidation process to minimize water or all other applied solutions from migrating through the material and transporting pollutants associated with the cyanidation facility to ensure that all discharges comply with all applicable standards and criteria. (3-24-22)

~~107.~~ **Neutralization or Neutralized.** Treatment of process water such that discharge or final disposal of the process water does not, or will not, violate any applicable standards and criteria. (3-24-22)

~~1108.~~ **Outstanding Resource Water (ORW).** A high quality water, such as water of national and state parks and wildlife refuges and water of exceptional recreational or ecological significance, which has been designated by the legislature and subsequently listed in IDAPA 58.01.02, ~~“Water Quality Standards.”~~ ORW constitutes an outstanding national or state resource that requires protection from point and nonpoint source activities that may lower water quality. ~~(3-24-22)~~ (12-3-25)T

~~1209.~~ **Permanent Closure.** Those activities that result in neutralization, material stabilization and decontamination of cyanidation facilities and the facilities’ final reclamation. (3-24-22)

~~130.~~ **Permanent Closure Plan.** ~~A description of the procedures, methods, and schedule that will be implemented to treat and dispose of cyanide-containing materials including spent ore, tailings, and process water and in controlling and monitoring discharges and potential discharges for a reasonable period of time based on site-specific conditions in manner that~~ As defined in Chapter 15, Title 47, Idaho Code, and meets the intent and purpose

of Section 39-118A, Idaho Code; ~~Chapter 15, Title 47, Idaho Code;~~ and all applicable rules. (3-24-22)(7-1-25)T

~~14. Permit. When used without qualification, any written authorization by the Director, issued pursuant to the application, public participation and appeal procedures in these rules, governing location, operation and maintenance, monitoring, seasonal and permanent closure, discharge response, and design and construction of a new cyanidation facility or a material expansion or material modification to a cyanidation facility. (3-24-22)~~

~~151. Permittee. The person in whose name a permit is issued and who is to be the principal party responsible for compliance with these rules and the conditions of a permit. (3-24-22)~~

~~16. Person. An individual, corporation, partnership, association, state, municipality, commission, federal agency, special district or interstate body. (3-24-22)~~

~~17. Pollutant. Chemicals, chemical waste, process water, biological materials, radioactive materials, or other materials that, when discharged, cause or contribute adverse effects to any beneficial use, or for any other reason, may impact waters. (3-24-22)~~

~~182. Pond. A process component that stores, confines, or otherwise significantly impedes the horizontal and downward movement of process water. This term does not include tailings impoundments or non-earthen containers such as vats and tanks. (3-24-22)~~

~~193. Post-Closure. The period of time after completion of permanent closure when the permittee is monitoring the effectiveness of the closure activities. Post-closure lasts a minimum of twelve (12) months but may extend until the cyanidation facility is shown to be in compliance with the stated permanent closure objectives and requirements of Chapter 15, Title 47, Idaho Code, and all applicable rules. (3-24-22)~~

~~2014. Process Water. Any liquid intentionally or unintentionally introduced into any portion of the cyanidation process. *Such liquid may contain cyanide or other minerals, meteoric water, ground or surface water, elements and compounds added to the process solutions for leaching or the general beneficiation of ore, or hazardous materials that result from the combination of these materials* which may contain cyanide pollutants. (3-24-22)(12-3-25)T~~

~~215. Seasonal Closure. Annual cessation of operations that is due to weather. (3-24-22)~~

~~2216. Sensitive Resource Aquifer. Any aquifer or portion of an aquifer listed in IDAPA 58.01.11, *Ground Water Quality Rule*, Subsection 300.01. (3-24-22)(12-3-25)T~~

~~2317. Tailings Impoundment. A process component that is the final depository for processed ore from the mining, milling, or chemical extraction process. (3-24-22)~~

~~2418. Temporary Closure. Any cessation of operations exceeding thirty (30) days, other than seasonal or permanent. (3-24-22)~~

~~2519. Treatment or Treated. Any method, technique or process, including neutralization, that changes the physical, chemical, or biological character or composition of a waste for the purpose of disposal, or the end result of such action. (3-24-22)~~

~~260. Water Balance. An inventory and accounting process, capable of being reconciled, that integrates all potential sources of water that are entrained in the cyanidation facility or may enter into or exit from the cyanidation facility. The inventory must include the water holding capacity of specific structures within the facility that contain process water. The water balance is used to ensure that all process water and other cyanidation pollutants can be contained as engineered and designed within a factor of safety as determined in the permanent closure plan. (3-24-22)(7-1-25)T~~

~~271. Water Management Plan. A document that describes the results of the water balance and the methods that will be used to ensure that cyanidation pollutants are not discharged from a cyanidation facility into waters unless permitted or otherwise approved by the Department. (3-24-22)(7-1-25)T~~

282. Weak Acid Dissociable (WAD) Cyanide. The cyanide concentration as determined by Method C, Weak Acid Dissociable Cyanide, D2036 of American Society of Testing Materials Book of Standards, “Standard Methods for the Examination of Water and Wastewater,” Method 4500-CN- I, or other methods accepted by the scientific community and deemed appropriate by the Department. (3-24-22)

(BREAK IN CONTINUITY OF SECTIONS)

050. PRE-APPLICATION PROCESS AND PRELIMINARY DESIGN.

01. Pre-application Conference. Any person who intends to apply for a permit or proposes to construct or operate a facility that is intended to contain, treat, or dispose of process water and process-contaminated water generated in ore processing operations that utilize cyanide as a primary leaching agent should contact the Department during the initial stages of site characterization to schedule a pre-application conference. Once a cost recovery agreement in accordance with Section 39-118A(7), Idaho Code, has been executed, Pprospective applicants are encouraged to begin meeting with agents of the Department at least one (1) year in advance of preliminary design submittal to discuss, at a minimum, the following. (3-24-22)(12-3-25)T

a. Environmental baseline data requirements; waste characterization requirements; siting requirements; operation and maintenance plans; emergency and spill response plans; quality assurance/quality control plans; required contents for permit applications; agency cyanidation facility visits. (3-24-22)

b. The proposed water quality monitoring and reporting required in Subsection 200.11 and the monitoring well siting and construction plans required in Subsection 200.12. The applicant is encouraged to submit a report describing the purpose, objectives, location, and proposed construction of monitoring wells to the Department for review and comment during the initial stages of site characterization. (3-24-22)

c. The preliminary design report and alternative design proposals required prior to application submittal under Subsection 050.02. (3-24-22)

d. The permitting process, application procedures, public review and comment periods, and permit schedule. (3-24-22)

e. The timing of additional pre-application meetings. The pre-application conference may trigger a period of collaborative effort between the applicant, the Department, and the Idaho Department of Lands to develop an application that complies with rule requirements and ensures the facility will not ~~interfere with the~~ impair beneficial uses of waters and will not endanger public safety or the environment or degrade waters. (3-24-22)(7-1-25)T

f. ~~The cost recovery agreement required under Subsection 100.04 in accordance with Section 39-118A(7), Idaho Code.~~ (3-24-22)(7-1-25)T

02. Information Required for Preliminary Design Report. Submittal of a preliminary design report is mandatory. Upon submittal, the preliminary design report must include sufficient detail to determine the following: (3-24-22)

a. The general framework and design criteria for the project; (3-24-22)

b. How the project will address each applicable requirement in Subsection 100.03 and Sections 200 through 205, or why a specific requirement in Subsection 100.03 and Sections 200 through 205 is not applicable; (3-24-22)

c. How the design criteria were identified, or the approach the applicant will use to determine design criteria for which insufficient data is available at the time of the preliminary design; (3-24-22)

d. How the requirements of these rules will be met in the final permit application; and (3-24-22)

e. How design, construction, operation, and closure will ensure the facility will not ~~interfere with the~~ impair beneficial uses of waters ~~and will not endanger public safety or the environment or degrade waters.~~ (3-24-22)(7-1-25)T

03. Notice of Preliminary Design Approval or Disapproval. Unless otherwise provided in this Subsection 050.03, the Director will notify the applicant in writing of the decision to approve or disapprove a preliminary design report within thirty (30) days after the Department receives all information required by Subsection 050.02. For alternative design proposals submitted under Section 205, the Director will notify the applicant in writing of the decision for alternative design approval or disapproval within ninety (90) days after the Department receives all information required by Section 205. The time required to review and, if appropriate, approve the preliminary design report is separate from and not included as part of the one hundred eighty (180) day period for issuing notice of rejection or notice of approval of the permit under Section 39-118A(21)(ba), Idaho Code. Approval of the preliminary design report does not authorize the construction, modification, or operation of the cyanidation facility. (3-24-22)(7-1-25)T

051. -- 099. (RESERVED)

100. PERMIT AND PERMIT APPLICATION.

01. Permit Required. No person may construct a new cyanidation facility prior to obtaining a permit from the Director. No person may ~~materially expand or materially modify~~ make a major modification or material modification to a cyanidation facility prior to obtaining a modified permit for such ~~expansion or~~ modification pursuant to Section 750. (3-24-22)(7-1-25)T

02. Permit Application. The owner or proposed operator of a cyanidation facility or the owner's or operator's authorized representative must: (3-24-22)

a. Make application to the Director in writing and in a manner or form prescribed herein; and (3-24-22)

b. Provide five (5) paper copies of the application to the Director, unless otherwise agreed to by the Department and the applicant. (3-24-22)

03. Contents of Application. A permit application and its contents will be used to determine if an applicant can locate, construct, operate, maintain, close, and monitor the proposed cyanidation facility in conformance with Section 39-118A, Idaho Code, and these and other applicable rules including, but not limited to, IDAPA 58.01.02, ~~"Water Quality Standards";~~ IDAPA 58.01.08, ~~"Idaho Rules for Public Drinking Water Systems";~~ IDAPA 58.01.05, ~~"Rules and Standards for Hazardous Waste";~~ IDAPA 58.01.06, ~~"Solid Waste Management Rules";~~ IDAPA 58.01.11, ~~"Ground Water Quality Rule";~~ and IDAPA 58.01.25, ~~"Rules Regulating the Idaho Pollutant Discharge Elimination System Program."~~ The application must include ~~all of the following~~ information required by Section 39-118A(8), Idaho Code, and in this subsection, in sufficient detail to allow the Director to ~~make necessary application review decisions concerning~~ determine if the application is technically complete as defined in Section 39-118A(1)(o), Idaho Code, and is in compliance with Sections 200 through 205 as applicable ~~and protection of human health and the environment;~~ and Section 39-118A(8), Idaho Code. (3-24-22)(12-3-25)T

a. Name, location, and mailing address of the cyanidation facility. (3-24-22)

b. Name, mailing address, and phone number of the applicant, and a registered agent. (3-24-22)

c. Land ownership status of the cyanidation facility (federal, state, private, or public). (3-24-22)

d. Name, mailing address, and phone number of the applicant's construction and operations manager. (3-24-22)

- e. The legal structure (corporation, partnership, etc.) and residence of the applicant. (3-24-22)
- f. The legal description, to the quarter-quarter section, of the location of the proposed cyanidation facility. (3-24-22)
- g. Evidence the applicant is authorized by the Secretary of State to conduct business in the State of Idaho. (3-24-22)
- h. A general description of the operational plans for the cyanidation facility from construction through permanent closure. This description must include any proposed phases for construction, operations, and permanent closure. (3-24-22)
- i. The design maximum daily throughput of ore through the cyanidation facility and the total projected volume of material to be processed during the life of the operation. (3-24-22)
- j. Cyanidation facility layouts including water management systems designed to segregate storm water from process water. (3-24-22)
- k. A geotechnical evaluation of all process water and process chemical containment systems within the proposed cyanidation facility. (3-24-22)
- l. A preconstruction topographic site map or aerial photos extending at least one (1) mile beyond the outer limits of the cyanidation facility, identifying and showing the location and extent of the following features: (3-24-22)
 - i. All wells, perennial and intermittent springs, adit discharges, wetlands, surface waters, and irrigation ditches that may be affected by the cyanidation facility; (3-24-22)
 - ii. All process water supply source(s); (3-24-22)
 - iii. All public and private drinking water supply source(s) within at least one (1) mile of the cyanidation facility; (3-24-22)
 - iv. Identified floodplain areas (shown on USGS sectional Quadrangle maps); (3-24-22)
 - v. All service roads and public roads; (3-24-22)
 - vi. All buildings and structures within half (1/2) a mile of the cyanidation facility; (3-24-22)
 - vii. All outstanding resource waters and sensitive resource aquifers within one (1) mile of the cyanidation facility; and (3-24-22)
 - viii. All Clean Water Act Section 303(d) listed streams, and their listed impairments, within ten (10) miles of the site boundary that may be affected by the cyanidation facility. (3-24-22)
- m. To the extent such information is available, a description and location of underground mine workings and adits and a description of the structural geology that may influence ground water flow and direction. (3-24-22)
- n. A description of the proposed land application site. The description must include a potentiometric map, surface and subsurface soil characteristics, geology, hydrogeology and ground water quality. The description of these characteristics must be sufficient to determine anticipated impacts to the affected soils, associated vadose zone as well as anticipated changes in geochemistry that may affect surface and ground water quality. (3-24-22)
- o. Siting diagram for land application sites, monitoring wells, lysimeters, surface or ground water discharge sites, or surface water monitoring locations. (3-24-22)

- p. A description of measures to protect wildlife that may be affected by the facility. (3-24-22)
- q. Proposed post-construction topographic maps. (3-24-22)
- r. Engineering plans and specifications for all ~~portions~~ **components or phases** of the cyanidation facility must be submitted to the Department for review and approval. Preliminary designs for ~~future components or~~ phases of the cyanidation facility may be submitted as part of the permit application, ~~provided that~~, pursuant to ~~Subsection 500-02, the~~ **Section 39-118A(18), Idaho Code**, Department review and approval of ~~final plans and specifications~~ **the issued for construction data package** is required before construction of those **components or** phases may begin. All cyanidation facility engineering plans and specifications must bear the imprint of an Idaho licensed professional engineer that is both signed and dated by the engineer. These plans and specifications must, at a minimum, include all of the following information applicable to the proposed facility. ~~(3-24-22)(7-1-25)T~~ **(12-3-25)T**
- i. Designs **sufficient to demonstrate the facility's ability to** ~~meeting~~ applicable criteria in Sections 200 through 204. ~~(3-24-22)~~ **(12-3-25)T**
- ii. Any alternative design approved by the Department under Section 205. (3-24-22)
- iii. The water balance, ore flow, and processing calculations demonstrating the logic behind sizing of facilities. (3-24-22)
- iv. The general ore processing overview and analyses of chemical compatibility of containment materials with process chemicals and wastes, including a chemical mass balance at inputs and outputs from the cyanidation facility. (3-24-22)
- v. Geotechnical data and analyses demonstrating the logic for plans and specifications of foundation materials and placement. (3-24-22)
- vi. Requirements for site preparation. (3-24-22)
- vii. Pumping and dewatering requirements. (3-24-22)
- viii. Procedures for materials selection and placement for backfilling foundation areas. (3-24-22)
- ix. Criteria for caps and covers used as source control measures. (3-24-22)
- x. Criteria for ensuring stability of embankments for pads, ponds and tailings impoundments. (3-24-22)
- xi. Procedures to classify and modify, if necessary, excavated fill, bedding and cover materials for buildings, pads, ponds, and tailings impoundments. (3-24-22)
- xii. Plumbing and conveyance schematics and component specifications. (3-24-22)
- xiii. Plan views and cross-section drawings of leach pad, permanent heaps, vats, process water storage ponds, tailings impoundments, and spent ore disposal areas. (3-24-22)
- xiv. Leak detection and collection system plans and specifications including, but not limited to, schematics and narratives describing liner and geotextile material specifications, sumping capacity and layout, location of monitoring port(s), monitoring port components, construction operation and maintenance procedures for monitoring ports and pumping systems, including backup system, triggers for containment repairs, replacement or other contingency mitigation, frequency of monitoring, and monitoring parameters. (3-24-22)
- xv. Provisions to protect containment systems from heavy equipment, fires, earthquakes, and other natural phenomena. (3-24-22)

- xvi. Quality assurance/quality control procedures. (3-24-22)
- xvii. The identity and qualifications of the person(s) directly responsible for supervising construction and quality assurance/quality control. (3-24-22)
- s. Operation and maintenance plans that include all of the following-: (3-24-22)(7-1-25)I
- i. Maintenance plans, including routine service procedures for containment systems, process chemical storage, and disposal of contaminated water or soils, ~~including petroleum-contaminated soils.~~ (3-24-22)(7-1-25)I
- ii. A water management plan that provides for handling and containment of process water including the methods to manage and/or treat all process water and cyanidation pollutants, run-off or run-on water, emergency releases, and excess water due to flood, rain, snowmelt, or other similar events. The plan must include the basis for the designed containment volumes and estimations of the need for and operation of a land application site, injection wells, infiltration galleries or leach fields, or the need for an IPDES permit. The permittee will update the plan on a regular basis to reflect the reconciliation of the water balance changes in the project through construction, operation, maintenance, and permanent closure, including modifications to the cyanidation facility. (3-24-22)(7-1-25)I
- iii. A proposed water quality monitoring plan. (3-24-22)
- iv. An emergency and spill response plan that describes procedures and methods to be implemented for the abatement and clean up of any cyanidation pollutant that may be discharged from the cyanidation facility ~~during use, handling or disposal of processing chemicals, petrochemicals and/or fuels, and any other deleterious materials.~~ (3-24-22)(7-1-25)I
- v. A seasonal/temporary closure plan, if applicable, that describes the procedures, methods, and schedule to be implemented for the treatment and disposal of process water and cyanidation pollutants, the control of drainage from the cyanidation facility during the period of closure, the control of drainage from the surrounding area, and the secure storage of process chemicals. (3-24-22)(7-1-25)I
- t. The permanent closure plan must be the same as the plan submitted to the Idaho Department of Lands pursuant to the Idaho Mine Land Reclamation Act, Chapter 15, Title 47, Idaho Code, and the rules promulgated thereunder. (3-24-22)
- u. Characterization of cyanidation pollutants contained in or released from the cyanidation facility, including the potential for the cyanidation pollutants to cause degradation of waters. (3-24-22)(7-1-25)I

101. -- 199. (RESERVED)

200. REQUIREMENTS FOR WATER QUALITY PROTECTION.

The following design and performance standards are intended as the minimum criteria for protection of public health and waters. These standards apply to all facilities unless the Department determines that other site-specific criteria, including an alternative design approved under Section 205, are appropriate to protect water quality and the public health. (3-24-22)

01. Professional Engineer. Plans and specifications for construction, alteration or expansion of any cyanidation facility must be prepared by or under the supervision of an Idaho licensed professional engineer and bear the imprint of the engineer's seal. Construction must be observed by an Idaho licensed professional engineer or a person under the supervision of an Idaho licensed professional engineer. (3-24-22)

02. Plans and Specifications. ~~Final plans and specifications for the construction of a cyanidation facility~~ An issued for construction data package must be submitted to and approved by the Department before construction may begin (Section 39-118A(18)(b), Idaho Code). All construction must be in compliance with ~~the plans and specifications approved by the Department~~ Section 39-118A(17), Idaho Code. Within thirty (30) days of the completion of such construction, ~~modification or expansion, complete and accurate plans and specifications depicting that actual construction, modification or expansion does not deviate from the original~~

~~approved plans and specifications~~ an as-built submittal must be submitted to the Department (Section 39-118A(19), Idaho Code). ~~(3-24-22)(7-1-25)T~~

03. Manufacturer's Specifications. Manufacturer's specifications for materials and equipment necessary to meet the requirements of Subsection 100.03.r. and Sections 200 through 205 for containment of process water must be submitted to the Department with the plans and specifications required in Subsection 200.02 before construction may begin. (3-24-22)

04. Siting and Preparation. All cyanidation facilities including, but not limited to, the process building, laboratories, process chemical storage and containment facilities, plumbing fixtures that support process water, untreated or treated process water ponds, tailings impoundments, ore stock piles, and spent ore disposal areas must be appropriately sited and prepared for construction. Siting criteria must ensure that, at a minimum, the facilities are structurally sound and that containment systems can be adequately protected against factors such as wild fires, floods, land slides, storm water run-on, erosion, migrating stream channels, high ground water table, equipment operation, subsidence of underground workings, public access and public activities. All sites must be properly prepared prior to construction of foundations and facilities. Vegetation, roots, brush, large woody debris and other deleterious materials, top soil, historic foundations and plumbing, or other materials that may adversely affect appropriate construction and long term stability, must be removed from the footprint of the cyanidation facility unless approved by the Department. (3-24-22)

05. Process Water Storage Sizing Criteria. All aspects of the cyanidation facility that entrain, utilize, treat, discharge, pump, convey, or otherwise contain process water, treated process water, or run-off water from any portion of the cyanidation facility must be included in the water balance. Each pond, tailings impoundment, and ditch containing process water must be designed to maintain a minimum two (2) foot freeboard during storage or conveyance of the design climatic events plus maximum expected normal operating levels. Leach pad design must provide containment of the maximum expected operating flows plus storm flows from the design climatic event. At a minimum, a cyanidation facility must be designed to contain the maximum expected normal operating water balance and the volume of run-on and run-off water associated with a climatic event that has a one percent (1%) annual exceedance probability. Snowmelt events will be considered in determining the maximum flow volume during the design climatic event. Contingency plans for managing excesses of all water included as a part of the water balance must be described in the water management strategy. Each structure that impounds process water or process-contaminated water must include a means of passing excess water unless otherwise approved by the Department. (3-24-22)

06. Minimum Plans and Specifications. Unless the Department approves an alternative design under Section 205, the plans and specifications for any portion of a cyanidation facility that will contain process water must satisfy the applicable general design criteria in Subsection 200.06 and the design criteria in Sections 201 through 204 for the type of facility receiving process water. These provisions establish minimum cyanidation pollutant control technologies and define the site and operating conditions that must be evaluated. ~~(3-24-22)(7-1-25)T~~

- a. Cyanidation facility design must: (3-24-22)
 - i. Minimize releases of cyanidation pollutants into ground water or subsurface migration pathways so that any release will not cause unauthorized degradation of waters. ~~(3-24-22)(7-1-25)T~~
 - ii. Preclude any differential movement or shifting of the subgrade, soil layer, liner or contained material that endangers containment integrity as a result of the proposed range of operating conditions for each component and anticipated seismic activity at the site. (3-24-22)
 - iii. Include additional containment of process water, as requested by the Department, in areas where ground water is considered to be near the surface. Ground water is considered to be near the surface if: (3-24-22)
 - (1) The depth from the surface to ground water is less than one hundred (100) feet and the top one hundred (100) feet of the existing formation has a hydraulic conductivity greater than 10^{-5} cm/sec; (3-24-22)
 - (2) Open fractured or faulted geologic conditions exist in the bedrock from the surface to the ground water; or (3-24-22)

(3) There is an inability to document that all borings beneath the cyanidation facility have been adequately abandoned. (3-24-22)

iv. Not locate new process component containing process water within one thousand (1,000) feet of any dwelling that is occupied at least part of the year and not owned by the permittee. This does not apply to modifications at a facility that predates such a dwelling. (3-24-22)

v. Include measures for preventing wildlife contact with process water having a WAD cyanide concentration in liquid fraction exceeding fifty (50) mg/L. The Department may require additional measures if wildlife mortality is observed. (3-24-22)

vi. Implement measures to protect birds, other wildlife and livestock from adverse effects of cyanide process water and ~~other cyanidation~~ pollutants. ~~(3-24-22)~~(7-1-25)T

vii. Include a quality assurance/quality control plan for the construction of containment systems that provides a process for documenting owner acceptance of all underlying components of the containment system prior to construction of the overlying components. (3-24-22)

b. Liner systems must: (3-24-22)

i. Have a structurally stable subgrade for the overlying components and contained material. The subgrade should be constructed to resist consolidation, excessive differential settlement that compromises liner performance, and uplift resulting from pressures inside or outside the containment unit to prevent distortion of overlying components. (3-24-22)

ii. Have a smooth rolled and compacted soil layer, or equivalent layer approved by the Department, in intimate contact with the overlying geomembrane liner with the following characteristics: (3-24-22)

(1) A minimum thickness of twenty-four (24) inches compacted to ninety-five percent (95%) of maximum dry density according to Standard Proctor Test ASTM D698 or Modified Proctor Test ASTM D1557; (3-24-22)

(2) Soil placed in a minimum of four (4) lifts that each have a compacted thickness of six (6) inches and a hydraulic conductivity less than or equal to 10^{-6} cm/sec; (3-24-22)

(3) An uppermost lift of soil that does not contain particles in excess of point seven five (0.75) inches (nineteen (19) mm) in largest dimension unless larger particles are consistent with the manufacturer's specifications for the overlying liner and approved by the Department; (3-24-22)

(4) No putrescible, frozen, or other deleterious materials. (3-24-22)

(5) No angular, sharp material regardless of diameter; and (3-24-22)

(6) Soil placed within two percent (2%) of optimum moisture content to achieve the specified compaction and hydraulic conductivity. (3-24-22)

iii. Include the following if an equivalent layer replacing the soil layer described in Subsection 200.06.b.ii. is proposed: (3-24-22)

(1) A layer that is not a geomembrane and has a liquid flow rate no greater than that of twenty-four (24) inches of compact soil with a hydraulic conductivity less than or equal to 10^{-6} cm/sec; (3-24-22)

(2) Materials with appropriate chemical properties and sufficient strength and thickness to prevent failure due to pressure gradients (including static head and external hydrogeologic forces), physical contact with the waste, process water, or process-contaminated water to which they are exposed, climatic conditions, the stress of installation, and the stress of daily operation; (3-24-22)

(3) Materials that provide appropriate shear resistance of the upper and lower component interface to prevent sliding of the upper component including on slopes; (3-24-22)

(4) Certification from an Idaho licensed professional engineer that the liquid flow rate per unit area through the equivalent layer is no greater than the liquid flow rate through two (2) feet of compacted soil with a hydraulic conductivity less than or equal to 10^{-6} cm/sec, considering the maximum hydraulic head anticipated on the liner system and the thickness of the equivalent layer replacing the two (2) feet of compacted soil; and (3-24-22)

(5) Plans and specifications for an equivalent layer that substantially reflect the manufacturer's specifications and standards for construction, operation and maintenance unless otherwise approved by the Department. (3-24-22)

iv. Include geomembrane liners consisting of high density polyethylene, linear low-density polyethylene, or equivalent, rated as having a resistance to the passage of process water equal to or less than a hydraulic conductivity of 10^{-11} cm/sec. Each geomembrane liner will be constructed of materials with appropriate chemical properties and sufficient strength and thickness to prevent failure due to pressure gradients (including static head and external hydrogeologic forces), physical contact with the waste or leachate to which they are exposed, climatic conditions, the stress of installation, and the stress of daily operation and permanent closure. (3-24-22)

v. Be constructed according to manufacturer's standards, or Department-approved design standards, and protect against damage from cracking, sun exposure, ice, frost penetration or heaving, wildlife, wildfires, and damage that may be caused by personnel or equipment operating in or around these facilities. (3-24-22)

vi. Have an appropriate coefficient of friction against sliding plus a factor of safety for each interface constructed on a slope. (3-24-22)

vii. Have minimum factors of safety, and the logic behind their selection, for the stability of the earthworks and the lining systems. (3-24-22)

viii. Include redundant systems for failures in primary power or pumping systems. (3-24-22)

ix. Have liner material that meets the manufacturer's quality assurance/quality control performance specifications. (3-24-22)

07. Process Buildings, Process Chemical Storage Containment Areas and General Facility Criteria. Storage, handling and use of all process chemicals, process wastes, process water and ~~pollutants associated with the cyanidation facility~~ **cyanidation pollutants** must be conducted within a clean, safe and secure work space to prevent unauthorized discharges to soils, ground water or surface water. The plans and specifications must contain sufficient detail, including pump capacity and plumbing for evacuation of collection sumps, triggering systems for sump evacuation, and monitoring and reporting requirements and, where appropriate, provide for:

~~(3-24-22)~~ **(7-1-25)T**

a. Structural integrity of the foundation, walls and roof for process and process chemical storage buildings; (3-24-22)

b. Restriction of public access; (3-24-22)

c. Protection of wildlife; (3-24-22)

d. Internal sumps and spill cleanup plans; (3-24-22)

e. Grouted and sealed concrete stemmed walls and floors in the process buildings and process chemical storage and containment facilities; (3-24-22)

f. Vapor barriers and frost protection; (3-24-22)

- g.** Segregation of process chemicals according to compatibility; (3-24-22)
- h.** Communication systems; (3-24-22)
- i.** Fire suppression systems, internal and external; and (3-24-22)
- j.** Quality assurance/quality control for construction activities and construction materials. (3-24-22)
- 08. Cap and Cover Criteria.** Caps and covers used as source control measures for facilities must be designed and constructed to minimize the interaction of meteoric waters, surface waters, and ground waters with wastes containing **cyanidation** pollutants that are likely to be mobilized and discharged to waters. Caps and covers designed for permanent closure must demonstrate permanence applicable to the permittee's designed and approved permanent closure plan. ~~(3-24-22)~~(7-1-25)T
- 09. Plumbing and Conveyance Criteria.** Plumbing and conveyance systems must: (3-24-22)

 - a.** Be structurally sound and chemically compatible with the materials being conveyed; (3-24-22)
 - b.** Provide adequate primary and secondary containment; and (3-24-22)
 - c.** Be protected against heat, cold, mechanical failures, impacts, fires, and other factors that may cause breakage and result in unauthorized discharges. (3-24-22)
- 10. Operation and Maintenance Plans.** Operation and maintenance plans must be submitted to the Department for review and approval. Operation and maintenance plans must include, but are not limited to:(3-24-22)

 - a.** An overall plan that includes techniques for evaluating the integrity and performance of all containment systems; (3-24-22)
 - b.** Schedule for inspections of all containment systems; (3-24-22)
 - c.** Schedule for inspections on piping and conveyance systems that carry process water; (3-24-22)
 - d.** Response plans that detail specific actions that will result in mitigation of compromised or damaged containment systems; and (3-24-22)
 - e.** Response plans that detail specific thresholds identified under ~~Subsection 200-11~~ **Section 39-118A(9), Idaho Code**, the locations and frequency at which the thresholds will be monitored, and actions that will result in mitigation of an exceedance of any threshold. ~~(3-24-22)~~(7-1-25)T
- 11. Water Quality Monitoring and Reporting.** The water quality monitoring plan submitted with the application must be reviewed and, if appropriate, approved by the Department. The approved water quality monitoring plan must **comply with Section 39-118A(9), Idaho Code, and:** ~~(3-24-22)~~(7-1-25)T

 - a.** Provide for physical, chemical and biological monitoring, including measurements of surface water flow, wildlife and bird mortality, and aquatic indicator species in potentially affected surface and ground water, as appropriate; (3-24-22)
 - b.** Provide for sampling locations and frequency; (3-24-22)
 - c.** Provide an assessment of the existing surface and ground water conditions prior to construction of the proposed cyanidation facility; (3-24-22)
 - d.** Be site specific and dependent on location, design and operation of the cyanidation facilities included in the overall operating plan; (3-24-22)
 - e.** ~~Specify compliance points and associated water quality compliance criteria;~~ (3-24-22)

~~f. Specify monitoring points and threshold concentrations that provide for early detection of discharges of pollutants;~~ (3-24-22)

g. Provide analytical methods and method detection limits for chemical analysis used in the determination of water quality; (3-24-22)

h. Provide a quality assurance quality control plan for data collection and analysis; (3-24-22)

i. Provide for appropriate and timely analytical data analyses including evaluations of water quality and quantity trends; (3-24-22)

j. Provide an annual environmental monitoring and data analysis report of water quality and quantity trends; (3-24-22)

k. Provide for the reporting and re-sampling of monitoring locations where detectable and statistically significant changes in water quality are found. The permittee must propose a statistical method to determine the significance of the changes in water quality; and (3-24-22)

l. Provide for anticipated changes or modifications to monitoring plans, which may be the result of a phased approach to cyanidation facility construction, operations and permanent closure. (3-24-22)

12. Monitoring Wells Siting and Construction Plans. The applicant is encouraged to submit a report describing the purpose, objectives, location and proposed construction of monitoring wells to the Department for review and comment during the initial stages of site characterization. A monitoring well siting and construction plan must be provided upon submittal of the preliminary design report under Subsection 050.02. (3-24-22)

a. Monitoring well siting and construction plans must provide for the following. (3-24-22)

i. A quality assurance/quality control plan for well construction. (3-24-22)

ii. A minimum of three (3) monitoring wells with one (1) located up gradient and two (2) located down gradient of primary components of the cyanidation facility to determine ground water flow direction. (3-24-22)

b. Siting and planning for additional wells or replacement wells may be required in the permit application and final permit. Specifically, additional wells may be required for: (3-24-22)

i. Large areas with multiple potential sources for cyanidation pollutants; ~~(3-24-22)~~ (7-1-25)T

ii. Areas with complex geology, fractured bedrock; and (3-24-22)

iii. Areas with insufficient background hydrogeology. (3-24-22)

c. All monitoring well construction must also conform to the well construction rules listed in IDAPA 37.03.09, ~~“Well Construction Standards Rules.”~~ ~~(3-24-22)~~ (12-3-25)T

d. Record diagrams including well construction details, well elevation and a detailed geologic log must be provided to the Department for each monitoring well. (3-24-22)

13. Land Application. Plans and specifications must include: (3-24-22)

a. An operation and maintenance plan including: (3-24-22)

i. Water balance for the land application site; (3-24-22)

ii. Pretreatment requirements and procedures; (3-24-22)

- iii. Operating season for land application; (3-24-22)
 - iv. Seasonal closeout procedures; (3-24-22)
 - v. Special soils or vegetative amendments; (3-24-22)
 - vi. Storm water run-on/run-off controls; (3-24-22)
 - vii. Best management practices for all areas impacted by the land application system; and (3-24-22)
 - viii. A topographic map of the land application site and adjacent affected areas, of sufficient scale to facilitate site-specific analysis of soils, vegetation, surface water, and ground water; (3-24-22)
 - b. Chemical, physical, and volumetric characteristics of the material to be land applied; (3-24-22)
 - c. A complete description of the chemical and physical characteristics of the soils and applicable geology of the land application site; (3-24-22)
 - d. Methods of process water treatment, distribution and disposal; (3-24-22)
 - e. Hydraulic loading capacity of the soils; (3-24-22)
 - f. Constituent loading capacity of the site; (3-24-22)
 - g. Attenuation capacity of the vegetative covers and soils; (3-24-22)
 - h. Evapotranspiration capacity of the site; (3-24-22)
 - i. Testing and analytical procedures for water quality and soils samples prior to, during, and following the land application process; (3-24-22)
 - j. Trend analysis of the constituent loading in the affected soils, vegetation, and water quality of the affected surface or ground water systems; (3-24-22)
 - k. Reporting requirements including both frequency and form; and (3-24-22)
 - l. Standby power and pumps sufficient to maintain all treatment and distribution works. (3-24-22)
- 14. Temporary or Seasonal Closure.** Temporary and seasonal closure plans for the entire cyanidation facility must be submitted by an applicant to the Department for review and approval prior to issuance of a final permit. Temporary and seasonal closure plans may, subject to Department approval pursuant to Section 750, be modified to provide for changes in operating conditions of the facilities and must incorporate a water management plan for the period of inactivity as well as during shut down and reactivation. (3-24-22)
- a. Prior to seasonal closure, process buildings, process chemical storage, process water ponds, tailings impoundments, spent ore disposal areas and other ancillary facilities must be stabilized and/or conditioned to prevent any emergency or unauthorized discharges to surface or ground water. (3-24-22)
 - b. Subsequent to seasonal closure, process buildings, process chemical storage, process water ponds, tailings impoundments, spent ore disposal areas and other ancillary facilities must be maintained to prevent any emergency or unauthorized discharges to surface or ground water. Cyanidation facilities must be conditioned and maintained to provide: (3-24-22)
 - i. Material stabilization for all solids affected by process waters; (3-24-22)
 - ii. Optimum freeboard in all ponds, as dictated by the water management plan; (3-24-22)

- iii. Fully functional power and pumping systems that are ready for use; both power and pumps are to incorporate redundant systems to allow for failure of either power or a pumping system. A failed power supply or pump is not an acceptable reason for an unauthorized discharge; (3-24-22)
- iv. Protection of all containment; and (3-24-22)
- v. Sufficient availability of qualified staff to restrict public access, fully implement the water quality monitoring plan, and initiate the emergency and spill response plan. (3-24-22)

15. Employee Education Program. Operators and staff of facilities must be properly oriented and trained to operate, maintain, and protect containment systems; waste disposal and discharge systems; and to implement monitoring and emergency and spill response plans. An applicant must submit an employee orientation and continuing training plan to the Department for review prior to issuance of a final permit. The plan must provide the format and contents for training, the general qualifications of the person(s) responsible for training and testing, and the person(s) or positions who must receive such training. (3-24-22)

(BREAK IN CONTINUITY OF SECTIONS)

500. PERMIT CONDITIONS.

The following conditions apply to and must be specified in all permits: (3-24-22)

01. Compliance Required. The applicant or permittee must comply with all conditions of the permit. Issuance or possession of a permit issued according to these rules does not relieve the applicant or permittee of the responsibility to comply with all other applicable local, state, and federal laws. (3-24-22)

02. Construction. Construction of individual components of a cyanidation facility may commence upon approval by the Department of the ~~final plans and specifications~~ issued for construction data package per Sections 39-118A(13)(c)(i) and 39-118A(18), Idaho Code, for that component. (3-24-22)(7-1-25)T

03. ~~Record Plans and Specifications~~ As-built Submittal. ~~An Idaho licensed professional engineer must confirm in writing that all record drawings and specifications are complete and accurate. These record plans and specifications~~ An as-built submittal must be submitted by the permittee to the Director within thirty (30) days after the completion of the construction of each ~~critical component or phase of a cyanidation facility development~~ as approved by the Department (Section 39-118A(19), Idaho Code). ~~The record plans and specifications must be accompanied by a final construction report. If the construction does not deviate from the approved plans and specifications, a statement to the effect must be submitted by the engineer. The as-built submittal must include all the information required by Section 39-118A(1)(b), Idaho Code.~~ The Department will review the ~~final construction report, including record plans and specifications and results of quality control and quality assurance testing,~~ as-built submittal to verify that the facility was constructed in compliance with and does not deviate from the approved plans and specifications issued for construction data package. If the Department determines that the facility was not constructed in compliance with or deviates from the approved plans and specifications issued for construction data package, the Department will provide the permittee written notice of necessary corrective actions within thirty (30) days of receipt of ~~all submittals required by this subsection~~ an as-built submittal. In the event the Department provides such written notice, operation of the facility may not begin until the Department inspects and provides written approval of the corrective actions. Operation of the facility may begin if the Department does not deliver to the permittee such written notice within thirty (30) days of receipt of ~~all submittals required by this subsection~~ an as-built submittal. (3-24-22)(7-1-25)T

04. Duty to Provide Information. The permittee must furnish to the Director, within a reasonable or specified time, any information, including copies of records required by the permit or other applicable rules, that the Director may request to determine whether cause exists for modifying or revoking the permit or to determine compliance with the permit or other applicable rules. (3-24-22)

05. Notifications. After initial construction and seasonal and/or temporary closure, the permittee must, within thirty (30) days, provide written notice to the Director of the permittee's intentions to commence or restart

operations. At least thirty (30) days prior to completion of operations, and/or temporary or seasonal operations, the permittee must notify the Director of the permittee's intentions to temporarily, seasonally or permanently close operations. Notification must provide sufficient time for the Director to provide pre-operational or post-operational inspections, as necessary. (3-24-22)

06. Entry and Access. The permittee must allow the Director, or a designee obligated by agreement with the Director to comply with the confidentiality provisions of Section 39-111, Idaho Code, to: (3-24-22)

a. Enter at reasonable times upon the premises of a permitted cyanidation facility or where records required by a permit are kept; (3-24-22)

b. Have access to and copy at reasonable times any records that must be kept under the conditions of the permit; (3-24-22)

c. Inspect at reasonable times any cyanidation facility, equipment, practice, or operation permitted or required by the permit; and (3-24-22)

d. Sample or monitor at reasonable times, substance(s) or parameter(s) directly related to permit or regulation compliance. (3-24-22)

07. Reporting. It is the permittee's responsibility to report to the Director: (3-24-22)

a. Orally, as soon as possible but no later than twenty-four (24) hours from the time the permittee knows or should reasonably know of any noncompliance that may endanger the public health or the environment. (3-24-22)

b. In writing, within five (5) working days from the time a permittee knows or should reasonably know of any event that may be or that may result in a violation of these rules, or IDAPA 58.01.02, "~~Water Quality Standards,~~" or IDAPA 58.01.11, "~~Ground Water Quality Rule.~~" This report must contain: (3-24-22) (12-3-25)T

i. A description of the event and its cause; if the cause is not known, steps taken to investigate and determine the cause; (3-24-22)

ii. The period of the event including, to the extent possible, the individual(s) involved in the incident(s) and the time(s) and date(s) of the incidents; (3-24-22)

iii. Measures taken to mitigate or eliminate the event and protect the public health; and (3-24-22)

iv. Steps taken to prevent recurrence of the event; (3-24-22)

c. In writing, confirmation of any conditions that may result in violation of any permit condition; and (3-24-22)

d. In writing, when the permittee knows or should reasonably know of relevant facts not submitted or incorrect information submitted in a permit application or any report or notice to the Director or the Department. Those facts or the correct information must be included as a part of this report. (3-24-22)

08. Discharge Response. If an unauthorized discharge occurs the permittee must implement the Department approved emergency and spill response plan. (3-24-22)

09. Temporary or Seasonal Closure Plans. Prior to temporary or seasonal closure, the permittee must submit a temporary or seasonal closure plan to the Director for approval. The plan must describe the procedures, methods, and schedule to be implemented for the treatment and disposal of process water and cyanidation pollutants, the control of drainage from the cyanidation facility, the control of drainage from the surrounding area, and the secure storage of chemicals during the period of closure. Within thirty (30) days of receiving the plan, the Director will approve and/or suggest modifications necessary to protect waters. The permittee must ensure that closure complies with an approved plan. The approved plan must be implemented before the permittee completes temporary or

seasonal closure. Facilities may not be temporarily or seasonally closed for a period longer than two (2) years unless approved by the Director. ~~(3-24-22)~~(7-1-25)T

10. Begin Construction. A permit will be deemed void if the permittee fails to begin construction of a cyanidation facility within ~~one~~ two (~~1~~2) years of the effective date of the permit, ~~the permit will be deemed void unless the permittee requests and receives an extension (Section 39-118A(16)(a), Idaho Code).~~ ~~(3-24-22)~~(7-1-25)T

11. Permanent Closure. The permanent closure plan, as approved by the Idaho Department of Lands, will be incorporated by reference into the Department-issued permit as a permit condition and will be enforceable as such. (3-24-22)