Land and Water Boards of the Mackenzie Valley
DRAFT Standard Water Licence Conditions
May 13, 2019

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Instructions and Notes for Reviewing this Document

In your review, please consider the following characteristics of an ideal condition:

- Is clearly within the Boards' authority;
- Has a clear purpose and rationale;
- Is practical and enforceable;
- Can reflect the scale of a project; and
- Does not conflict with existing legislation (i.e. is not less stringent).

Please ensure that each of your comments indicates which condition you are commenting on. Overarching comments and recommendations are also encouraged.

Notes on Format and Structure				
#	**Condition**	**Title**	**Rationale**	**Notes on Proposed Changes**
	Proposed standard condition with any significant changes tracked. New and revised wording is set out in red text. A line is drawn through deleted or replaced ~~text~~. Green highlighting is used to identify any areas where the Board would need to fill in or choose text to customize the condition.	An identity tag for the condition for quick reference.	A description of the purpose of the restrictions, limitations, or requirements imposed by the condition.	Additional information and rationale relating to proposed changes, and notes on planned follow up items.

Notes on Licence Overall
Not all defined terms and conditions in this list are necessary for all licences, and project-specific terms and conditions or variations may be required.
Condition titles have been added. This approach is similar to the Permit Standard Conditions.
Section headings will be the same in all licences. In sections where there are no applicable conditions, the section will say 'intentionally left blank.'
Dates have been removed from references to policies/guidelines/legislation, so the name of the policy/guideline/legislation inherently references the most recent version as per the general condition USE UP-TO-DATE REFERENCES in Part B.

Part A: Scope and Definitions

Definitions[1]:

Defined Terms	Notes on Proposed Changes
	References to the application and/or specific figures have been removed throughout the definitions. Revisions or modifications can occur over the life of a licence, and these changes do not necessarily require amendments, but may occur through modifications and/or management/O&M plan revisions. References to all phases or life of the project have been removed throughout the definitions (except where the definition would apply only to a specific phase of the project). The definitions will apply throughout the term of the licence, which will apply to all licenced phases of a project.
Acid Rock Drainage – acidic Water, often with elevated sulphate concentrations, that occurs as a result of oxidation of sulphide minerals contained in rock or other materials that are exposed as a result of natural weathering processes, Construction, or Project activities.	If alkaline rock drainage is identified as a project-specific concern, will use the definition for Metal Leaching instead.
~~**Act** – the [enter *Mackenzie Valley Resource Management Act* for federal area OR *Waters Act* for non-federal area].~~	Where needed, the licence will reference the MVRMA or the Waters Act directly. References to either of these Acts are not common in the licence, so there is little benefit to using a shortened defined term. This also eliminates potential confusion for split-interest areas.
Action Level – a predetermined qualitative or quantitative trigger which, if exceeded, requires the Licensee to take appropriate actions ~~including, but not limited to: further investigations, changes to operations, or enhanced mitigation measures~~.	Revised to be consistent with the MVLWB/GNWT *Guidelines for Aquatic Effects Monitoring Programs*.
Option 1: **Analyst** – an Analyst designated by the Minister under subsection 65(1) of the *Waters Act*. OR Option 2: **Analyst** – an Analyst designated by the Minister under subsection 84(2) of the *Mackenzie Valley Resource Management Act*.	Option 1: for non-federal areas. Option 2: for federal areas.

[1] Defined terms are capitalized throughout the License, including when used in other definitions.

Defined Terms	Notes on Proposed Changes
~~**Application** – the Application for a type A/B Water Licence and all supporting documents as submitted to the Board.~~	This term has primarily been used in other definitions, and sometimes in the scope, but is not otherwise used in the conditions. References to the application have been removed from the defined terms and conditions, since this approach can cause challenges for amendments, renewals, and management plan revisions. The reasons for decision (RFD) for any licence should specify what constitutes the complete application, and which documents were considered in the decision, so it is not necessary to capture this in a defined term.
Aquatic Effects Monitoring Program (AEMP) – a monitoring program developed for the Project in accordance with this Licence and the MVLWB/GNWT *Guidelines for Aquatic Effects Monitoring Programs.* ~~a monitoring program designed to determine the short and long-term effects in the aquatic environment / Receiving Environment resulting from the Project; to evaluate the accuracy of impact predictions; to assess the effectiveness of impact mitigation measure; and to identify additional impact mitigation measures to reduce or eliminate environmental effects of the licensed Project undertaking.~~	Revised to be consistent with the MVLWB/GNWT *Guidelines for Aquatic Effects Monitoring Programs*.
Artesian Aquifer – a Water-bearing rock stratum which, when encountered during drilling operations, produces a pressurized flow of Groundwater that reaches an elevation above the Water table or above the ground surface.	
Average Concentration – the arithmetic mean/discrete average of four consecutive analytical results, [or if less than four analytical results, the arithmetic mean/discrete average of the analytical results collected during a batch decant,] as submitted to the Board in accordance with the sampling and analysis requirements specified in the Surveillance Network Program.	
Option 1: **Board** – the [enter one of the regional Boards: Gwich'in Land and Water Board, Sahtu Land and Water Board, or Wekeezhii Land and Water Board] established under Part 3 of the *Mackenzie Valley Resource Management Act*. OR Option 2: **Board** – the Mackenzie Valley Land and Water Board established under subsection 99(1) of the *Mackenzie Valley Resource Management Act*.	

Defined Terms	Notes on Proposed Changes
Closure Cost Estimate – has the same meaning as that in the MVLWB/GNWT/AANDC *Guidelines for Closure and Reclamation Cost Estimates for Mines*.	This definition reflects the MVLWB/GNWT/INAC *Guidelines for Closure and Reclamation Cost Estimates for Mines*. The licence conditions have been updated to reflect this term (replacing reclamation liability estimate).
Closure Criteria – has the same meaning as that in the MVLWB/AANDC *Guidelines for the Closure and Reclamation of Advance Mineral Exploration and Mine Sites in the Northwest Territories*.	
Closure Objectives – has the same meaning as that in the MVLWB/AANDC *Guidelines for the Closure and Reclamation of Advance Mineral Exploration and Mine Sites in the Northwest Territories*.	
Closure and Reclamation – the process and activities that facilitate the return of areas affected by the Project to viable and, wherever practicable, self-sustaining ecosystems that are compatible with a healthy environment and human activities. ~~**Closure and Reclamation** - the same as, and now replaces, the terms abandonment and restoration. Means leaving the Project area after the completion and cessation of the activities as described in the completed Water Licence Application, and the counteracting, mitigating and remedying of adverse environmental effects with the intent of restoring the Project area as nearly as possible to the same condition as it was prior to the commencement of the licensed activity, and approved by the Board.~~ ~~**Reclamation** - the activities which facilitate the return of areas affected by the Project to viable and, wherever practicable, self-sustaining ecosystems that are compatible with a healthy environment, human activities, and the surrounding environment.~~	The MVLWB/AANDC *Guidelines for the Closure and Reclamation of Advanced Mineral Exploration and Mine Sites in the Northwest Territories* define reclamation, but do not define closure, or closure and reclamation. In the context of both the Guidelines and a licence, it is difficult to actually separate closure and reclamation into distinct definitions and/or stages of an overall process, and it is not clear when each term should be used alone. These two terms are now used together in licences, except in the context of closure objectives, criteria, and cost estimates, which are specific terms defined or used in the Guidelines. Separate definitions are also proposed for progressive reclamation and temporary closure, because these two types of activities may not encompass the entire spectrum of closure and reclamation. This definition reflects the closure goal and the definition for reclamation as set out in the Guidelines. This definition does not include a reference/link to the Closure and Reclamation Plan (where specific details and criteria that can be assessed are set out), because there are specific licence conditions regarding the CRP and progressive reclamation, and there are general conditions directing the licensee to comply with all plans (as approved by the Board).
Option 1: ~~**Interim**~~ **Closure and Reclamation Plan (CRP)** – a document, developed in accordance with this Licence and the MVLWB/AANDC *Guidelines for the Closure and Reclamation of Advanced Mineral Exploration and Mine Sites in the Northwest Territories*, that clearly describes the Closure and Reclamation ~~activities~~ for the Project~~, and encompasses the interim and final versions of the Plan~~. OR	This term no longer differentiates between interim and final versions of the CRP. This is consistent with proposed changes in the Closure and Reclamation Section of the licence. Option 1: for mineral exploration and mining projects, and other large projects. Option 2: for municipal licences and for small projects that will have a schedule for the CRP, rather than referencing Guidelines.

Defined Terms	Notes on Proposed Changes
Option 2: **Closure and Reclamation Plan (CRP)** – a document, developed in accordance with this Licence, that clearly describes the Closure and Reclamation ~~activities~~ for the Project.	
Construction – any activities undertaken during any phase of the Project to construct or build any structures, facilities or components of, or associated with, the development of the Project. ~~including any Construction activities undertaken during operations and closure phases of the Project.~~	This definition (and the construction conditions) should apply to new construction during any phase of a project.
~~**Contingency Planning** – a plan to establish a state of readiness that will enable prompt and effective response to possible spill or system failure.~~	This term is not actually used in any licence conditions.
Dam – a ~~Engineered~~ structure that meets the definition of a Dam as per the *Dam Safety Guidelines* and is intended to contain, withhold, divert, or retain Water or Waste.	Although dams are typically engineered, this definition should not be limited to engineered structures, since classification as a dam depends on the size and purpose, rather than whether or not the dam is engineered. This standard definition includes all structures that are classified as dams based on size. If the project includes structures that are being considered dams because of the potential consequences of failure (see below), these will be specifically added to this definition, so that it is clear that any licence requirements for dams also apply to these structures. The RFD will also identify any structures that are being considered dams in the context of the licence (both based on size and on consequence).
Dam Class – the category of dam based on its failure consequences, as described in the *Dam Safety Guidelines*.	This definition is part of a new set of definitions and conditions developed by the Boards' Dams Team in order to better align Board requirements for tailings dams with changes in regulatory practices following the Mount Polley Dam Failure in BC in 2014. This definition is usually only required for projects involving tailings dams but may also be used on a project-specific basis for other dams.
Dam Safety Guidelines – the Canadian Dam Association's (CDA) *Dam Safety Guidelines,* including the CDA *Dam Safety Guidelines Technical Bulletins*. ~~The scope and application of the *Dam Safety Guidelines* referred to in the Licence is presented in Section 1 of the *Dam Safety Guidelines*.~~	This revision is part of a new set of definitions and conditions developed by the LWB Dams Team in order to better align Board requirements for tailings dams with changes in regulatory practices following the Mount Polley Dam Failure in BC in 2014. This addition will emphasize that licensees should be using the bulletins, not just the main document.
Dewatering – the complete removal of Water from an existing Watercourse, or portion thereof, by pumping or draining.	Not used in the basic conditions, but included here because it may be used in the scope for some projects.

Defined Terms	Notes on Proposed Changes
Discharge – a ~~the~~ direct or indirect release of any Waters or Waste to the Receiving Environment.	This term includes decants. Decant has been replaced throughout the licence.
Drilling Fluid – any liquid mixture ~~of~~ including, but not limited to clay, Water, sediment, ~~drilling muds~~, hydrocarbons, or chemical additives, ~~or other Wastes~~ that is pumped down-hole while drilling and is specifically related to drilling activity.	This condition has been revised as follows: 1) Broadened to encompass any substances that might be added to the drilling fluid. 2) Removed 'other Wastes' for clarity, since any of the substances added to the drilling fluid may not be considered Waste prior to use in the drilling fluid. 3) Added 'clay' in order to be consistent with GNWT-ENR's updated *Guideline for Hazardous Waste Management*. 4) Removed drilling muds from this definition, since the terms and meanings are similar. 5) Added 'hydrocarbons' to ensure oil-based drilling fluids are captured. These recommendations are made in conjunction the removal of the term 'Drilling Muds.' A single overall term for these materials is adequate for the purposes of relevant licence conditions.
~~**Oil-Based Drilling Muds** – Drilling Fluids that use naturally occurring solutions or refined hydrocarbons as carrier fluids.~~	Encompassed by term 'Drilling Fluid' as noted above.
Drilling Waste – Waste materials associated with drilling. ~~**Drilling Waste** – all materials or chemicals, solid or liquid, associated with drilling, including drill cuttings and Drilling Fluids.~~	This definition has been revised to be more consistent with the definition in the GNWT's updated *Guideline for Hazardous Waste Management*: "Waste substances associated with drilling a well or directional drilling including: a) Drilling cuttings; b) Drilling fluids; c) Drilling mud; d) Flowback fluid; e) Fracturing fluid; or f) Cement returns." However, the specific list of wastes included in ENR's definition is not necessary for the purposes of licence conditions.
Effluent – a Wastewater Discharge.	This term has been used in licences without being defined – either in the licence or in policy/guideline documents. The proposed definition is based on a review of definitions from other jurisdictions and consideration of how the term is used in Board licences and policies/guidelines. It is typically used for wastewater streams from project structures or facilities, but can also include seepage or runoff type discharges.

Defined Terms	Notes on Proposed Changes
Effluent Quality Criteria (EQC) – numerical or narrative limits on the quality or quantity of the Waste deposited to the Receiving Environment.	This term has been used in licences without being defined. The proposed definition is consistent with the *Water and Effluent Quality Management Policy*, and the *Guidelines for Effluent Mixing Zones*. In particular, adding this definition clarifies that EQC are not limited to numerical values.
Engagement Plan – a document, developed in accordance with the MVLWB *Engagement and Consultation Policy* and the *Engagement Guidelines for Applicants and Holders of Water Licences and Land Use Permits*, that clearly describes how, when and which engagement activities will occur with an affected party during the life of the Project.	
Engineer of Record - a qualified and competent Professional Engineer who is responsible for the design and performance of the [enter name of Tailings Containment Facility].	This definition is part of a new set of definitions and conditions developed by the Boards' Dams Team in order to better align Board requirements for tailings dams with changes in regulatory practices following the Mount Polley Dam Failure in BC in 2014. This definition is usually only required for projects involving tailings dams but may also be used on a project-specific basis for other dams.
Engineered Structure – any structure or facility ~~and the associated area~~ related to Water Use or the deposit of Waste that is designed ~~and approved~~ by a Professional Engineer, including but not limited to the [enter list of structures/facilities] associated with the Project.	This definition has been revised as follows: 1) Removed the 'associated area' component of this definition. This definition is specific to structures and facilities that are designed by an engineer; any components that are not part of the engineer's design should not be part of the definition. 2) Removed reference to approval from an engineer. In the context of a licence, the use of the term 'approve' should be reserved for the Board. Although an engineer should stamp and sign off on the design drawings for engineered structures, this does not constitute approval in the context of the Board's process.
<u>Option 1:</u> **Environmental Assessment (EA) –** the totality of the Mackenzie Valley Environmental Impact Review Board's Public Registry~~, for Water Licence Application [enter file number], which underwent~~ for Environmental Assessment [enter number]. OR <u>Option 2:</u>	The application number will be the same as the licence number, so this definition does not need to reference the application number.

Defined Terms	Notes on Proposed Changes
Environmental Assessment (EA) – the totality of the [enter year] Environmental Impact Assessment of the [enter name of Project as listed on CEAA registry] Project conducted as per the *Environmental Assessment and Review Process Guidelines Order*.	
Environmental Impact Review (EIR) – the totality of the Mackenzie Valley Environmental Impact Review Board's Public Registry ~~Water Licence Application [enter file number], which underwent~~ for Environmental Impact Review [enter number].	The application number will be the same as the licence number, so this definition does not need to reference the application number.
Fracturing Fluid – the fluid ~~injected at high pressure~~ used to perform a hydraulic fracturing treatment, including the applicable base fluid and all additives.	Revised to be more consistent with GNWT-ENR's updated *Guideline for Hazardous Waste Management*.
Freeboard – the vertical distance between the Water line and the lowest elevation of the effective Water containment crest on the upstream slope of a Dam or dyke.	
Flowback – the flow of Fracturing Fluid back to the wellbore after fracture treatment is completed.	
Greywater – all liquid Wastes from showers, baths, sinks, kitchens and domestic washing facilities, but does not include Toilet Wastes.	
Option 1: **Groundwater** – any Water defined as Groundwater as per section 1 of the Waters Regulations. OR Option 2: **Groundwater** – any Water defined as Groundwater as per section 2 of the Mackenzie Valley Federal Areas Waters Regulations. ~~**Groundwater** – all Water in a zone of saturation beneath the land surface, regardless of its origin.~~	This definition has been revised to reference legislation, which is consistent with other similar definitions that are taken directly from legislation (e.g. Waste, Water, Water Use, etc.).
Hydrocarbon-Contaminated Soil Treatment Facilities – the area(s) and lined, Engineered Structures designated to contain and treat hydrocarbon-contaminated sediments and soil. ~~**Landfarm** – the lined, Engineered Structure designed to contain and treat hydrocarbon-contaminated sediments and soil.~~	Replaces the term 'landfarm,' with the same definition, to reflect the MVLWB/IWB/GNWT *Guideline for Design, Operation, Maintenance, and Closure of Hydrocarbon Contaminated Soil Treatment Facilities in the Northwest Territories.* The format of the definition has been updated to standard wording developed for water and waste management facility definitions, in order to make these definitions

Defined Terms	Notes on Proposed Changes
	consistent and broad enough to capture the different types of facilities that might fit within these definitions for various types of licences. In accordance with the Guidelines, these facilities should be designed by an engineer in most cases. For small projects, there may be circumstances where this type of facility might not be engineered, in which case, the facility would likely be addressed only through the Waste Management Plan, and this term would not need to be used or defined in the licence conditions.
Independent Tailings Review Panel – a group of experts not previously involved in or responsible for the design, operation or Construction of a facility, as established pursuant to this Licence.	This definition is part of a new set of definitions and conditions developed by the Boards' Dams Team in order to better align Board requirements for tailings dams with changes in regulatory practices following the Mount Polley Dam Failure in BC in 2014. This definition is required for projects involving tailings dams but may also be used on a project-specific basis for other dams.
Option 1: **Inspector** – an Inspector designated by the Minister under subsection 65(1) of the *Waters Act*. OR Option 2: **Inspector** – an Inspector designated by the Minister under subsection 84(1) of the *Mackenzie Valley Resource Management Act*.	
Licensee – the holder of this Licence.	
Mackenzie Valley Federal Areas Waters Regulations – the regulations proclaimed pursuant to section 90.3 of the *Mackenzie Valley Resource Management Act*.	Added in order to replace the more general term 'Regulations.'
~~**Management Plans** - the specific plans required by the Board.~~	This definition is not specifically used in the licence conditions and does not add any additional information.
Maximum Average Concentration – the concentration of a parameter that cannot be exceeded by the running average of any four consecutive analytical results. ~~submitted to the Board in accordance with the sampling and analysis requirements specified in the Surveillance Network Program.~~	This definition has been revised to provide clarity, differentiate this term from 'Average Concentration,' and align the format and wording of this definition with the related term 'Maximum Grab Concentration.'

Defined Terms	Notes on Proposed Changes
Maximum Grab Concentration – the concentration of a parameter that cannot be exceeded in any one grab sample.	
Metal Leaching – the release of metals and metalloids in leachate, Seepage, or drainage from rock or other materials associated with the Project.	
Minewater – Groundwater, surface Water or any Water ~~generated for the life of the Project~~ that is pumped or flows out of any underground mine working or open pit.~~, including runoff from facilities associated with the Project and all Water or Waste~~.	The intent of the proposed revisions is to make this definition more specific to water from the underground or open pit mine workings, rather than encompassing all water and wastewater from a project. This definition is not used in any standard licence conditions, but has been left in the list, because it could be used in project-specific conditions or schedules.
Settling Pond – any natural or human-made depression designed to separate solids from Water or Wastewater. ~~**Minewater Settling Pond** – any natural or manmade depression designed to act as a settling facility to separate solids from Minewater.~~	This definition has been revised to be more general, because settling ponds are not specific to mining projects.
Option 1: **Minister** – the Minister of the Government of the Northwest Territories (GNWT) – Environment and Natural Resources. OR Option 2: **Minister** – the Minister of Indian Affairs and Northern Development Canada.	
~~**Modification** – in respect of a structure, means a change, other than an expansion, that does not alter the purpose or function of a structure.~~	This definition will not be required if the Modification Section is removed.
Ordinary High Water Mark – the usual or average level to which a Watercourse ~~body of Water~~ rises at its highest point and remains for sufficient time so as to change the characteristics of the land. In flowing Watercourses (rivers, streams), this refers to an active channel/bank-full level, which is often the 1:2 year flood flow return level. In inland lakes, wetlands or marine environments, it refers to those parts of the Watercourse bed and banks that are frequently flooded by Water so as to leave a mark on the land and where the natural vegetation changes from predominantly aquatic	Revised to reflect other proposed terminology changes.

Defined Terms	Notes on Proposed Changes
vegetation to terrestrial vegetation (excepting Water tolerant species). For reservoirs, this refers to normal high operating levels (full supply level).	
Potentially Acid Generating Rock – any rock that has the potential to produce Acid Rock Drainage. ~~**Potentially Acid Generating Rock** – any rock that has the capability to produce acidic leachate, Seepage, or drainage.~~	Revised to link to the standard definition for ARD.
Processed Kimberlite – the material rejected from the process plant after the recoverable materials have been extracted.	
Professional Engineer – a person registered with the Northwest Territories and Nunavut Association of Professional Engineers and Geoscientists to practice as a Professional Engineer in the Northwest Territories as per the territorial *Engineering and Geoscience Professions Act*~~, S.N.W.T. 2006, V.16, or amendments~~, and whose professional field of specialization is appropriate to address the components of the Project at hand.	Revised to reflect the removal of dates and versions, with a continued need for clarity about which act is being referenced. (Alberta has an act with the same name, while similar acts in the Yukon and Nunavut have different names.)
Professional Geoscientist – a person registered with the Northwest Territories and Nunavut Association of Professional Engineers and Geoscientists to practice as a Professional Geoscientist in the Northwest Territories as per the territorial *Engineering and Geoscience Professions Act*, ~~S.N.W.T. 2006, V.16, or amendments,~~ and whose professional field of specialization is appropriate to address the components of the Project at hand.	Revised to reflect the removal of dates and versions, with a continued need for clarity about which act is being referenced. (Alberta has an act with the same name, while similar acts in the Yukon and Nunavut have different names.)
Progressive Reclamation – Closure and Reclamation activities conducted during the operating phase of the Project. ~~**Progressive Reclamation** – activities conducted during the operating period of the undertaking to modify and reclaim the land and Water to the satisfaction of the Board and an Inspector.~~	Revised to link to the standard definition for 'Closure and Reclamation.' Also removed the reference to the satisfaction of the Board and Inspector, because the adequacy of progressive reclamation will be determined through the requirements of the conditions set out in the Closure and Reclamation Section. The reference to the operating phase here is consistent with the link between operations and submission of the final CRP in the CLOSURE AND RECLAMATION PLAN – FINAL condition. The operations/operating phase is not defined, since it is difficult to identify a specific marker, and it may vary from licence to licence. Progressive reclamation activities and related timelines will be set out and approved through the CRP, so it is not critical to clarify the timeframe more carefully in this definition.

Defined Terms	Notes on Proposed Changes
	Note that the closure of major components during operations is still considered progressive reclamation, even though component-specific CRPs are required (see CLOSURE AND RECLAMATION PLAN – COMPONENT SPECIFIC condition).
Project – the undertaking described in Part A, condition 1.	Throughout the licence, the term 'Project' will be used instead of 'undertaking.'
Receiving Environment – the natural environment that, directly or indirectly, receives any deposit of Waste from the Project. ~~**Receiving Environment** – the natural/aquatic environment that receives any deposit of or Discharge of Waste or Water, including runoff, from the undertaking.~~	Revised to be consistent with the *Guidelines for Aquatic Effects Monitoring Programs* and to reflect current Board terminology. Where conditions apply specifically to the aquatic component of the receiving environment, 'aquatic' has been specified. This is also consistent with the approach taken in the AEMP Guidelines.
RECLAIM – [enter: the Government of the Northwest Territories' or Crown-Indigenous Relations and Northern Affairs Canada's] model for estimating Closure and Reclamation costs. ~~**RECLAIM** – the current version of a computer-based spreadsheet program developed by Brodie Consulting Ltd., for estimating mine Closure and Reclamation costs.~~	Updated for consistency with how RECLAIM is described in the MVLWB/INAC/GNWT *Guidelines for Closure and Reclamation Cost Estimates for Mines*.
Reclamation Research – has the same meaning as that in the MVLWB/AANDC *Guidelines for the Closure and Reclamation of Advanced Mineral Exploration and Mine Sites in the Northwest Territories*.	Added for clarity.
~~**Regulations** – Regulations proclaimed pursuant to section [enter 90.3 for federal areas OR 63 for non-federal areas] of the Act.~~	Where needed, the licence will reference the Mackenzie Valley Federal Areas Waters Regulations and Waters Regulations directly. References to either of these Regulations are not common in the licence, so there is little benefit to using a shortened defined term. This also eliminates potential confusion for split-interest areas.
Remediation – the removal, reduction or neutralization of substances, Wastes or hazardous materials from a site ~~so as~~ in order to prevent or minimize any adverse effects on the environment and public safety, now or in the future.	This revised definition is consistent with the definition in the *Guidelines for the Closure and Reclamation of Advanced Mineral Exploration and Mine Sites in the Northwest Territories*. This defined term is used primarily in licences for remediation projects; the term 'Closure and Reclamation' will be more generally used.
Response Framework – a systematic approach to responding to the results of a monitoring program through adaptive management actions.	Revised to be consistent with the *Guidelines for Aquatic Effects Monitoring Programs*.

Defined Terms	Notes on Proposed Changes
~~**Response Framework –** a documented systematic approach to responding when the results of a monitoring program indicate that an Action Level has been reached.~~	
Response Plan – a document describing the actions that will be taken by a licensee in response to an Action Level exceedance. **Response Plan** - ~~a part of the Response Framework that describes the specific actions to be taken by the Licensee in response to reaching or exceeding an Action Level.~~	Revised to be consistent with the *Guidelines for Aquatic Effects Monitoring Programs*.
Runoff – the overland flow of Water or Wastewater that occurs when precipitation, meltwater, or other Water is not absorbed by the land, and instead drains downslope towards a Watercourse.	The term 'Runoff' is included in the definition of wastewater and is sometimes used in conditions and schedules, but no standard definition for runoff has been developed in the past. This added definition clarifies what constitutes runoff in the broad sense, but whether or not runoff is classified as wastewater will depend on whether it contains waste, which will still be determined on a case-by-case basis.
Seepage – any Water or Waste that drains, passes through, or escapes from any structure designed to contain, withhold, divert, or retain Water or Waste.	
Sewage – all Toilet Wastes and Greywater.	
Sewage Disposal Facilities – the area(s) and structures designated to contain and treat Sewage. ~~**Sewage Disposal Facilities –** the area(s) and associated structures designed to contain and treat Sewage as described in the Application, [enter reference to figures, date stamp].~~	The format of the definition has been updated to standard wording developed for water and waste management facility definitions, in order to make these definitions consistent and broad enough to capture the different types of facilities that might fit within these definitions for various types of licences. For example, sewage disposal facilities might be an existing lake or marsh functioning as a lagoon, or might be a designed structure such as a wastewater treatment plant.
Significance Threshold – a limit of environmental change which, if reached, would likely result in significant adverse impacts. ~~**Significance Threshold –** a level of environmental change in any monitored parameter which, if reached, would result in significant adverse impacts.~~	Revised to be consistent with the *Guidelines for Aquatic Effects Monitoring Programs*.
Solid Waste Disposal Facilities – the area(s) and structures designated to contain solid Waste. ~~**Solid Waste Disposal Facilities –** the area(s) and associated structures designed to contain solid Waste as described in the Application [enter reference to map and/or figures, date stamp].~~	The format of the definition has been updated to standard wording developed for water and waste management facility definitions, in order to make these definitions consistent and broad enough to capture the different types of facilities that might fit within these definitions for various types of licences.

Defined Terms	Notes on Proposed Changes
Spill Contingency Plan (SCP) – a document, developed in accordance with INAC's *Guidelines for Spill Contingency Planning.* ~~(April 2007), that describes the set of procedures to be implemented to minimize the effects of a spill.~~	Revised to reflect the fact that the Spill Contingency Plan includes more than just minimization procedures.
Sump – a human-made pit, trench, hollow, or natural depression used for the purpose of depositing Water and/or Waste. ~~**Sump –** a man-made pit, trench, hollow, or natural depression on the earth's surface used for the purpose of depositing Water and/or Waste. material such as non-toxic Drilling Waste or Sewage.~~	Removed reference to the earth's surface, since sumps can also be underground for some projects. Removed examples of what can be put in sumps, since the details of what would be put into the sumps should be in the Waste Management Plan. If limitations on what can be put into the sump are needed in the licence, this should be set out in the conditions, not in the definition. This defined term is not used in any standard licence conditions, but has been left in the list, because it could be used in project-specific conditions or schedules.
Surveillance Network Program (SNP) – a monitoring program established to define environmental sampling, analysis, and reporting requirements, as detailed in Annex A of this Licence.	This definition was developed from a review of a number of variations of this definition, and consideration for the fact that the SNP can include various types of monitoring (water, soil, meteorological, etc.) and that not all SNP monitoring is compliance monitoring.
Tailings – the material rejected from the mill after the recoverable valuable minerals have been extracted.	The valuable materials are usually minerals in the NWT, but 'minerals' could be replaced with 'materials' in this definition for other situations.
Tailings Containment Facilities – the area(s) and Engineered Structures designated to contain Tailings. ~~**Tailings Containment Area –** the Tailings containment basin(s) and the Engineered Structures designated to contain Tailings.~~	The format of the definition has been updated to standard wording developed for water and waste management facility definitions, in order to make these definitions consistent and broad enough to capture the different types of facilities that might fit within these definitions for various types of licences. If there is a specific facility name, the defined term will usually be the facility name. In this case, the standard definition may be used as is or with project-specific variations.
Temporary Closure – a state of care and maintenance, with the intent of resuming activities in the near future.	This definition is based on the *Guidelines for the Closure and Reclamation of Advanced Mineral Exploration and Mine Sites in the Northwest Territories* (which do not actually define this term). Care and maintenance could include a range of non-activity (i.e. total camp shutdown) through to operation of a camp while the main activities are not occurring (i.e. not drilling, not mining, or pipeline is not flowing).
Toilet Wastes – all human excreta and associated products, not including Greywater.	

Defined Terms	Notes on Proposed Changes
Traditional Knowledge – the cumulative, collective body of knowledge, experience and values built up by a group of people through generations of living in close contact with nature. It builds upon the historic experiences of a people and adapts to social, economic, environmental, spiritual, and political change.	This definition is consistent with the MVLWB/AANDC *Guidelines for the Closure and Reclamation of Advanced Mineral Exploration and Mine Sites in the Northwest Territories*
Unauthorized Discharge – a release or Discharge of any Waters or Waste not authorized under this Licence ~~or legislation~~.	The reference to other legislation has been removed, because the licensee must still comply with other applicable legislation; however, the licence conditions are limited to the Boards' jurisdiction.
Option 1: **Waste –** any substance defined as Waste by section 1 of the *Waters Act.* OR Option 2: **Waste** – any substance defined as Waste by section 51 of the *Mackenzie Valley Resource Management Act*.	
Waste Disposal Facilities – the area(s) and structures designated for the disposal of Waste, including, but not limited to, the [enter as relevant: Sewage Disposal Facilities, Solid Waste Disposal Facilities, Hydrocarbon Contaminated Soil Treatment Facility]. ~~**Waste Disposal Facilities** – the area and associated structures designated for the disposal of Waste, including, the [enter as relevant: Sewage Disposal Facilities, Solid Waste Disposal Facilities, Hydrocarbon Contaminated Soil Treatment Facility,] and as described in the Application and [enter reference figures and/or map, date stamp].~~	The format of the definition has been updated to standard wording developed for water and waste management facility definitions, in order to make these definitions consistent and broad enough to capture the different types of facilities that might fit within these definitions for various types of licences. This defined term is usually only used in a few overarching conditions in municipal licences or for small projects. For larger projects, this term is typically not used, so tailings and waste rock facilities have not been included in the list.
Waste Management Plan (WMP) – a document, developed in accordance with the MVLWB *Guidelines for Developing a Waste Management Plan,* that describes the methods of Waste management from Waste generation to final disposal.	
Waste Rock – all ~~unprocessed~~ rock materials, except ore and Tailings, which are produced as a result of mining and milling operations ~~throughout the life of the Project~~.	Removed 'unprocessed,' because mining can be considered a form of processing.
Waste Rock Storage Facilities – the area(s) and Engineered Structures designated for the disposal of Waste Rock and till. ~~**Waste Rock Storage Area** – includes the Engineered Structures facilities for the disposal of rock and till.~~	The format of the definition has been updated to standard wording developed for water and waste management facility definitions, in order to make these definitions consistent and broad enough to capture the different types of facilities that might fit within these definitions for various types of licences

Defined Terms	Notes on Proposed Changes
Wastewater – any Water that is generated by Project activities or originates on-site, and which contains Waste, and may include, but is not limited to, Runoff, Seepage, Sewage, Minewater, and Effluent. ~~**Wastewater** – any Water that is generated by site activities or originates on-site, contains Waste, and requires treatment or any other Water management activity, and includes but is not limited to, Runoff, Seepage, Minewater, and Effluent.~~	This definition has been revised as follows: 1) Removed requirement for treatment or management. If the water contains waste, it is wastewater, and the requirement for treatment or management of wastewater streams for each project is determined through the regulatory process. 2) Revised 'includes' to 'may include.' This allows runoff to be considered wastewater if it contains waste, which must be determined on a case-by-case basis, rather than categorically defining it as wastewater in all circumstances.
Wastewater Management Pond(s) – the area(s) and structures designated to collect and store Wastewater. ~~**Water Management Pond –** [enter location(s)] where Wastewater will be collected and stored.~~	The format of the definition has been updated to standard wording developed for water and waste management facility definitions, in order to make these definitions consistent and broad enough to capture the different types of facilities that might fit within these definitions for various types of licences. If there is a specific facility name, the defined term should be the facility name. In this case, the standard definition may be used as is or with project-specific variations.
Wastewater Treatment Facilities – the area(s) and structures designated for the treatment of Wastewater. ~~**Wastewater Treatment Facilities –** the structures designated for the treatment of Wastewater as described in the Application and [enter reference figures and/or map, date stamp].~~	The format of the definition has been updated to standard wording developed for water and waste management facility definitions, in order to make these definitions consistent and broad enough to capture the different types of facilities that might fit within these definitions for various types of licences.
Option 1: **Water** – any Water as per section 1 of the *Waters Act*. OR Option 2: **Water** – any Water as per section 51 of the *Mackenzie Valley Resource Management Act*.	
Watercourse – a natural watercourse, body of Water or Water supply, whether usually containing Water or not, and includes Groundwater, springs, swamps, and gulches.	In the past, various terms have been inconsistently used to refer to a waterbody, and a definition is not typically included. This definition comes from legislation; it is similar to the definition in the Standard Permit Conditions, but includes groundwater.
Option 1:	Added to provide clarity about the cover page.

Defined Terms	Notes on Proposed Changes
Water Management Area – a geographical area of the Northwest Territories established by section 2 and Schedule A of the Waters Regulations. OR Option 1: **Water Management Area** – a geographical area of the Northwest Territories established by section 3 and Schedule 1 of the Mackenzie Valley Federal Areas Waters Regulations.	
Waters Regulations – the regulations proclaimed pursuant to section 63 of the *Waters Act*.	Added in order to replace the more general term 'Regulations.'
Water Supply Facilities – the area(s) and structures designated to collect, [treat], and supply Water for the Project. ~~**Water Supply Facilities** – the area(s) and associated structures designated to collect, treat, and supply Water for municipal purposes, including Water Treatment Plant and Distribution Facilities and Water Intake Infrastructure as described in Application and [enter reference figure and/or map, date stamp].~~	The format of the definition has been updated to standard wording developed for water and waste management facility definitions, in order to make these definitions consistent and broad enough to capture the different types of facilities that might fit within these definitions for various types of licences. This definition has been made more general, since it can be used for projects other than municipal, and the names of the facilities might not always be the same. This includes operations as small as a pump and pipeline through to a large complex facility.
Option 1: **Water Use** – a use of Water as per section 1 of the *Waters Act*. OR Option 2: **Water Use** – a use of Water as per section 51 of the *Mackenzie Valley Resource Management Act*.	
Option 1: **Water Use Fee** – the fee for use of Water as per the Waters Regulations pursuant to ~~promulgated under~~ section 63 of the *Waters Act* and the Mackenzie Valley Land and Water Board's *Water Use Fee Policy*. OR Option 2:	

Defined Terms	Notes on Proposed Changes
Water Use Fee – the fee for use of Water as per the Mackenzie Valley Federal Areas Waters Regulations pursuant to ~~promulgated under~~ section 90.3 of the *Mackenzie Valley Resource Management Act* and the Mackenzie Valley Land and Water Board's *Water Use Fee Policy*.	

Scope

	Condition	Title	Rationale	Notes on Proposed Changes
1.	This Licence entitles the Licensee to use Water, ~~dewater [enter all or a portion of XX Watercourse],~~ and deposit Waste for [enter type of licence based on code] activities ~~undertakings~~ at the [enter name of Project]~~., Northwest Territories [enter mineral leases/exploration licence # (if any/applicable)].~~ The scope of this Licence includes the following: a) [enter list of activities]; b) Withdrawal of Water for [enter purpose]; c) Dewatering of [enter all or a portion of XXX Water source to enter location/facility], d) Depositing of Waste to [enter location/facility]; e) Construction, operation, and maintenance of [enter type/name of Watercourse crossing(s): e.g. bridge, pipeline, etc.]; f) Construction, operation and maintenance of [enter type/name of Watercourse training(s): e.g. barge landing, culverts, etc.]; g) Construction, operation, and maintenance of [enter type/name of flood control structures]; h) Construction, operation, and maintenance of [enter type/name of Watercourse diversion structure]; i) Construction, operation, and maintenance of [enter: Dams and/or dykes]; j) Construction, operation and maintenance of [enter name of facility/structure]; and k) Progressive Reclamation and associated Closure and Reclamation activities.	SCOPE	The purpose of this condition is to describe the scope of the Project, which includes the activities that have been subject to Part 5 of the MVRMA and that the Licensee is entitled to conduct.	Dewatering has been moved under the list of activities, since it is a type of water use. References to external authorizations (e.g., mineral leases, municipal plan/lot numbers) have been removed, because these can change over the life of the licence. All legislated licence triggers have been added to the list of activities to ensure the licence triggers for the project are clearly included in the scope.
	~~These activities are described in submissions to the Board, including, but not limited to:~~ ~~a) The complete Water Licence renewal Application received [enter date];~~			This portion of the scope has been removed, because the authorized activities should be clearly summarized in the list above and addressed in the preliminary screening.

	Condition	Title	Rationale	Notes on Proposed Changes
	~~b) The complete Water Licence Application and attachments received [enter date received], [enter date] Technical Session presentation and transcripts; [enter date] Information Requests, and [enter date] Information Request responses; Amendment Applications and related documents submitted after the [enter date] Water Licence Application, up to [enter date of end of this process].~~ ~~If any discrepancy or conflict results from reference to the submissions referred to in subparagraphs b) i–iii, the contents of the more recent document shall prevail.~~			Additionally, including this portion of the scope has raised a number of complications in the past. At the outset, it is unclear what is meant by complete or accepted application, since attachments to the application can be replaced or added during the licencing process, and it is possible that activities may not be approved as described in the application (e.g. limiting conditions may be applied). Amendment documents are then added to the list as needed; however, for projects with multiple amendments, the list becomes unwieldy, and it is unclear whether to continue to include the original application (and any prior amendments) in the list, since these documents would contain outdated information. Finally, since most applications contain some or many management plans, which are often revised during the life of the licence, referencing the application in the scope includes references to management plans that will eventually contain outdated project details.
	~~The scope of this Licence is as described in [enter location of information, i.e., "Table X: Final Scope of Development"] in the Report of Environmental Assessment [enter MVEIRB file number].~~	SCOPE – POST ENVIRONMENTAL ASSESSMENT		This condition has been removed for the same reasons as those described for the removal of the portion of the scope above.
2.	Option 1: This Licence is issued subject to the conditions contained herein with respect to the ~~taking~~ use of Water and the deposit of Waste ~~of any type~~ in any Waters or in any place under any conditions where such Waste or any other Waste that results from the deposits of such Waste may enter any Waters. Whenever new Regulations are made or existing Regulations are amended by the Commissioner in Executive Council under the *Waters Act*, or other statutes imposing more stringent conditions relating	REGULATIONS SUBJECT TO CHANGE	The intent of this condition is to ensure the Licensee complies with all applicable legislation for the life of the Licence.	Revised 'taking of Water' to 'use of Water' for consistency with legislation and other licence conditions. Removed 'of any type' because it is unnecessary given the broad definition of the term 'Waste.'

	Condition	Title	Rationale	Notes on Proposed Changes
	to the quantity or type of Waste that may be so deposited or under which any such Waste may be so deposited, this Licence shall be deemed, upon promulgation of such Regulations, to be automatically amended to conform with such Regulations. OR <u>Option 2:</u> This Licence is issued subject to the conditions contained herein with respect to the ~~taking~~ use of Water and the deposit of Waste ~~of any type~~ in any Waters or in any place under any conditions where such Waste or any other Waste that results from the deposits of such Waste may enter any Waters. Whenever new Regulations are made or existing Regulations are amended by the Governor in Council under the *Mackenzie Valley Resource Management Act*, or other statutes imposing more stringent conditions relating to the quantity or type of Waste that may be so deposited or under which any such Waste may be so deposited, this Licence shall be deemed, upon promulgation of such Regulations, to be automatically amended to conform with such Regulations.			
3.	Compliance with the defined terms and conditions of this Licence does not relieve the Licensee from responsibility for compliance with the requirements of any applicable federal, territorial, [Tłı̨chǫ], [Dél̨ı̨nę], or municipal legislation.	LEGISLATIVE COMPLIANCE	The intent of this condition is to ensure the Licensee complies with all applicable legislation for the life of the Licence.	

Part B: General Conditions

A draft Schedule for this Section is included.

	Condition	Title	Rationale	Notes on Proposed Changes
1.	The Licensee shall ensure a copy of this Licence is maintained on site at all times.	COPY OF LICENCE	The intent of this condition is to inform the Licensee that copies of the current Licence must be available to facilitate immediate reference.	The form of the licence copy is at the discretion of the Inspector.
2.	The Licensee shall take every reasonable precaution to protect the environment. ~~The Licensee shall exercise due diligence to protect the environment from the effects of its activities.~~	PRECAUTION TO PROTECT ENVIRONMENT	This condition provides a general goal for the Licensee throughout the life of the project.	
3.	In conducting its activities under this Licence, the Licensee shall make every reasonable effort to consider and incorporate any scientific information and-Traditional Knowledge that is made available to the Licensee. ~~The Licensee shall exercise due diligence to consider and incorporate any scientific and Traditional Knowledge that is available to the Licensee, in conducting its activities under this Licence.~~	INCORPORATE SCIENTIFIC INFORMATION AND TRADITIONAL KNOWLEDGE	This condition informs the Licensee that incorporation of scientific information and Traditional Knowledge is required throughout the life of the Project.	
4.	In each submission required by this Licence or any directive from the Board, the Licensee shall identify all recommendations based on Traditional Knowledge received, describe how the recommendations were incorporated into the submission, and provide justification for any recommendation not adopted.	IDENTIFY TRADITIONAL KNOWLEDGE	This condition requires the Licensee to demonstrate how the INCORPORATE TRADITIONAL KNOWLEDGE condition is being met.	New condition linked to the INCORPORATE TRADITIONAL KNOWLEDGE condition above. This condition will typically not be included in municipal licences.
5.	All references to policies, guidelines, codes of practice, statutes, regulations, or other authorities shall be read as a reference to the most recent versions, unless otherwise denoted.	USE UP-TO-DATE REFERENCES	Documents referenced within the Licence conditions may be revised over the life of the Licence. This condition clarifies that the most recent versions of references	

	Condition	Title	Rationale	Notes on Proposed Changes
			should be used, unless otherwise denoted in the Licence.	
6.	The Licensee shall ensure all submissions ~~information submitted~~ to the Board: ~~a) Is in a form acceptable to the Board;~~ b) Are in accordance with the MVLWB *Document Submission Standards*; c) Include a conformity statement or table ~~a section within each submission~~ which identifies where the requirements of this Licence, or other directives from the Board, are addressed; and d) Include any additional information requested by the Board.	SUBMISSION FORMAT AND CONFORMITY	The intent of this condition is to set out the Board's expectations for submissions, and to improve the consistency and efficiency of the submission and review process. Additional details are available in the MVLWB *Document Submission Standards*. Item (d) allows the Board to request additional information in relation to any submission in order to inform Board decisions related to the Licence. The Board will provide rationale for requesting additional information in a submission.	Item (d) has been added to this condition to address situations where the Board may request additional information in a submission. This has often been included in schedules for various management plans and reports, but is not included in conditions for submissions that do not have a detailed schedule. Including this item would ensure consistency across all submissions. The requirement for a revision history table has been included in the updated *Document Submission Standards*, so it has not been included here.
7.	The Licensee shall ensure management plans are submitted to the Board in a format consistent with the MVLWB *Standard Outline for Management Plans*, unless otherwise specified.	MANAGEMENT PLAN FORMAT	The intent of this condition is to assist Licensees in preparing management plans in a consistent way for all types of projects and to allow reviewers to more easily locate specific information. This will facilitate a more efficient review and approval process. Additional details are available in the MVLWB *Standard Outline for Management Plans.* This condition does not apply to submissions that must be in accordance with specific guidelines as set out in the Licence definitions or conditions.	The addition of 'unless otherwise specified' refers to plans where there are guidelines specified in the definition or relevant licence conditions.

	Condition	Title	Rationale	Notes on Proposed Changes
8.	The Licensee shall comply ~~adhere to/act in accordance~~ with all [enter applicable document types used in the Licence: plans, programs, manuals, studies] approved pursuant to the conditions of this Licence, including such revisions made as per the conditions of this Licence, and as approved by the Board.	COMPLY WITH SUBMISSIONS AND REVISIONS	The intent of this condition is to direct the Licensee to comply with the most-recently approved plans, programs, studies, and manuals.	Note that this condition lists document types rather encompassing all submissions, because the licensee does not implement or comply with reports.
9.	The Licensee shall conduct an annual review of all [enter applicable document types used in the Licence: plans, programs, manuals, studies] and make any revisions necessary to reflect changes in operations, contact information, or other details. No later than March 31 each year, the Licensee shall send a notification letter to the Board, listing the documents that have been reviewed and do not require revisions. ~~The Licensee shall annually review the Plans and make any necessary revisions to reflect changes in operations, or as directed by the Board.~~	ANNUAL REVIEW	The intent of this condition is to ensure that the Licensee regularly reviews the Project's management plans, programs, and manuals to ensure they are up to date. If revisions are required, revised documents should be submitted in accordance with the REVISIONS condition. If no revisions are required, the Licensee must submit a simple notification to the Board, indicating which documents have been reviewed and do not require revisions. This notification will be posted on the public registry, so that reviewers and the Inspectors are aware that the documents have been reviewed and remain current. The submission date will match the submission date for the Annual Water Licence Report.	This condition has been revised to improve clarity regarding the intent and expectations of this condition. Note that this condition lists document types rather encompassing all submissions, because the licensee does need to annually review reports. The timing specified in this condition will usually match the deadline for the Annual Water Licence Report.
10.	The Licensee may propose changes at any time by submitting revised [enter document types used in the Licence: plans, programs, manuals, or studies] to the Board, for approval, a minimum of 90 days prior to the proposed implementation date for the changes. The Licensee shall not implement the changes until approved by the Board.	REVISIONS	The intent of this condition is to clarify the process for revising submissions, and to highlight that revisions must be approved by the Board before changes are implemented. Ninety days is the typical timeline for the public review and Board decision process; however, Licensees are encouraged to submit proposed revisions earlier.	This new condition has been adapted from a previous standard AEMP Design Plan condition, in combination with a standard revision condition that was previously used for management plans. This condition also applies to the plans required in Part E: Construction. Since the modifications section has been removed, changes to waste and water management structures (engineered or not) must be approved through revisions to the applicable plans and design drawings set out in Part E.

	Condition	Title	Rationale	Notes on Proposed Changes
				Note that this condition lists document types rather encompassing all submissions, because the licensee does not implement or comply with reports.
11.	The Licensee shall revise any submission and submit it as per the Board's directive. ~~If any submission is not approved by the Board, the Licensee shall revise the submission according to the Board's direction and resubmit it for approval.~~	REVISE AND SUBMIT	A Board directive to revise a submission may be part of the Board's decision on the submission, or may be initiated in response to other information made available to the Board (e.g., an inspection report or revisions to a related submission). The REVISIONS condition above will apply.	This condition has been broadened to capture Board directives regarding any submission, not just Board directives contained in decisions on submissions. This also captures scenarios where the Board approves a submission, but still requires a revised submission to reflect Board direction.
12.	If any date for any submission falls on a weekend or holiday, the Licensee may submit the item on the following business day.	SUBMISSION DATE	The intent of this condition is to clarify submission deadlines in relation to holidays and weekends.	
13.	The Licensee shall comply with the Schedule**s**, which are annexed to and form part of this Licence, and any updates ~~changes~~ to the Schedules as may be made by the Board.	COMPLY WITH SCHEDULE(S)	The intent of this condition is to inform the Licensee of the requirement to comply with the Schedules.	Revised to reflect current Board terminology.
14.	The Licensee shall comply with the Surveillance Network Program (SNP), which is annexed to and forms part of this Licence, and any updates ~~changes~~ to the SNP as may be made by the Board.	COMPLY WITH SNP	In intent of this condition is to inform the Licensee of the requirement to comply with the SNP, which details the sampling and monitoring requirements related to compliance with Licence conditions.	Revised to reflect current Board terminology.
15.	The Schedules, the SNP, and any compliance dates specified in this Licence may be updated ~~amended~~ at the discretion of the Board.	UPDATES TO COMPLIANCE DATE(S)	The intent of this condition is to inform the Licensee that the Board has the authority to make changes to compliance dates (e.g., submission due date in a Licence condition), Schedules, and SNPs. The Licensee may submit written requests for such changes to the Board for approval. Requests for changes to	Revised to reflect current Board terminology.

	Condition	Title	Rationale	Notes on Proposed Changes
			compliance dates must be submitted to the Board in advance of the compliance date to allow sufficient time for review and Board decision.	
16.	The Licensee shall ensure signs are posted for all active SNP stations. All sign(s) shall be located and maintained to the satisfaction of an Inspector. ~~Prior to establishing, activating, or moving any Surveillance Network Program station(s), the Licensee shall post sign(s) to identify the station(s). All sign(s) shall be located and maintained to the satisfaction of an Inspector.~~	POST SNP SIGN(S)	The intent of this condition is to ensure consistency in sampling locations, and to allow the Inspector to easily locate sampling stations.	This condition has been simplified to better match the intent of the condition and to reduce potential for misinterpretation.
17.	The Licensee shall install, operate, and maintain meters, devices, or other such methods used for measuring the volumes of Water used and Waste discharged to the satisfaction of an Inspector.	MEASURE WATER USE AND WASTE DISCHARGED	The intent of this condition is to ensure the Licensee has set up proper equipment to measure Water Use and Waste deposited. This will ensure accurate volumes are recorded and reported in the Annual Water Licence Report.	
18.	Beginning [enter date, including the year] and no later than every [enter date] thereafter, the Licensee shall submit an **Annual Water Licence Report** to the Board and an Inspector**.** The Report shall be in accordance with the requirements of Schedule 1, Condition 1.	ANNUAL WATER LICENCE REPORT	The purpose of the Annual Water Licence Report is to provide the Board and all stakeholders an update on Project components and activities, and to provide a platform for stakeholders to submit comments, observations, feedback, and questions as necessary. The Report is also an important tool for evaluating the effectiveness of the Licence conditions. Specific information requirements are set out in the associated Schedule. The requirements are intended to provide clarity and summarize information already captured through existing	

	Condition	Title	Rationale	Notes on Proposed Changes
			submissions; they are not meant to be onerous. These requirements are organized to coincide with the layout of the Licence.	
19.	The Licensee shall comply with the **Engagement Plan**, once approved.	ENGAGEMENT PLAN	This condition reflects the requirements of the MVLWB *Engagement Guidelines for Applicants and Holders of Water Licences and Land Use Permits*, and *Engagement and Consultation Policy*. An Engagement Plan is required as part of a complete application and will be considered by the Board at the time the Licence is issued. The Board's decision on the Plan will be communicated in its issuance decision letter.	
20.	Option 1: Within 90 days following the effective date of this Licence, the Licensee shall submit to the Board, for approval, a revised **Engagement Plan**. The Licensee shall not commence Project activities prior to Board approval of the Plan. OR Option 2: A minimum of 90 days prior to commencement of activities, the Licensee shall submit to the Board, for approval, a revised **Engagement Plan**. The Licensee shall not commence Project activities prior to Board approval of the Plan.	ENGAGEMENT PLAN – REVISED	This condition requires submission of a revised Engagement Plan if the Plan is not approved when the Licence is issued. The submission deadline for the Plan will depend on the Project schedule and the activities described in the Plan.	
21.	A minimum of ten days prior to commencement of the Project, the Licensee shall provide written notification to the Board and an Inspector. Notification shall include the commencement date, and the name and contact information for the	NOTIFICATION – COMMENCEMENT	The intent of this condition is to ensure the Licensee notifies the Board and Inspector prior to the initial commencement of Project activities. Contact information is required as part of	This condition has been revised to be more specific about what the notification should include, and so that it is clear what kind of updates would be necessary.

	Condition	Title	Rationale	Notes on Proposed Changes
	individual responsible for overseeing the Project. Written notification shall be provided to the Board and an Inspector if any changes occur.		this notification, because on-site contractors are often hired following issuance. This initial contact is important to establish lines of regular communication between the Licensee, Inspector, and Board, and to facilitate site inspections. Changes to the commencement date and/or contact information are required in writing. Note that commencement means any activities associated with the Project to accomplish the activities specified in Part A: Scope. This includes activities below the thresholds for a licence.	A standard definition for commencement has not been developed, because commencement is used in relation to different types of activities in the licence, and does not always refer to the initial commencement of the project.
22.	The Licensee shall immediately provide written notification to the Board and an Inspector of any non-compliance with the conditions of this Licence or any direction from the Board pursuant to the conditions of this Licence.	NOTIFICATION – NON-COMPLIANCE	The intent of this condition is to assist the Board, Inspectors, and reviewers in tracking compliance.	New condition added to assist in tracking compliance.
23.	The Licensee shall submit a current Project schedule to the Board and an Inspector upon request.	SUBMIT CURRENT PROJECT SCHEDULE	This condition is intended for Projects that are not expected to start immediately following Licence issuance.	This condition was moved here from Part E: Construction, because it applies to the project as a whole and is not specific to construction activities.

Part C: Security

A draft Schedule is not included for this Section.

	Condition	Title	Rationale	Notes on Proposed Changes
1.	The Licensee shall post and maintain a security deposit with the Minister OR [enter other landowner] in accordance with Schedule 2. ~~and the following:~~ ~~a) Prior to the start of operations, written notification shall be provided to the Board and an Inspector that the security deposit has been posted; and~~ b) ~~The security deposit shall be maintained until such time as it is fully or in part refunded by the Minister pursuant to [enter legislative reference] of the Act~~.	POST SECURITY DEPOSIT	The Board's authority to require Licensees to post and maintain security is granted under the *Mackenzie Valley Resource Management Act* (federal areas) and the *Waters Act* (non-federal areas). Once posted, the security must be maintained until it is refunded. The Board determines the amount of the security deposit during licencing based on the estimated costs of closing and reclaiming the site (i.e., the Closure Cost Estimate). The Closure Cost Estimate is most often developed based on the Closure and Reclamation Plan for the Project. Guidance on developing Closure Cost Estimates is provided in the MVLWB/GNWT/INAC *Guidelines for Closure and Reclamation Cost Estimates for Mines*. Although these Guidelines were developed for mining projects, the information provided can be applied to all types of projects.	This condition was traditionally separated into two parts – posting security and maintaining security – but has been combined. The notification requirement for notification has been removed, because the notification should be provided by the landowner. It is also unnecessary to reiterate that the security deposit must be maintained.
2.	Upon request of the Board, the Licensee shall submit an updated Closure Cost Estimate ~~Reclamation liability estimate~~ using the current version of RECLAIM or another method acceptable to the Board.	UPDATE CLOSURE COST ESTIMATE	Over the life of the project, the Closure and Reclamation Plan will be refined, and progressive reclamation may be conducted. The Board may request an updated Closure Cost Estimate at any time.	Revised terminology to be consistent with the MVLWB/INAC/GNWT *Guidelines for Closure and Reclamation Cost Estimates for Mines*.
3.	The amount of the security deposit required by Part C, Condition 1 may be adjusted ~~revised~~ by the Board:	ADJUSTED SECURITY AMOUNT	The security deposit amount is based on the Closure Cost Estimate. The intent of this condition is to allow the Board to review	Revised to reflect current Board terminology.

	Condition	Title	Rationale	Notes on Proposed Changes
	a) Based on an updated Closure Cost Estimate ~~estimates of Reclamation liability~~ as per Part C, Condition 2; or b) Based on such other information as may become available to the Board.		and revise the security deposit amount when the Closure Cost Estimate is revised.	
4.	If the amount of the security deposit is adjusted ~~revised~~ by the Board as per Part C, Condition 3, the Licensee shall post the adjusted ~~revised~~ amount with the Minister OR [enter other landowner] within the timeframe set by the Board. ~~90 days of the Board giving notice of the revised amount~~.	POST ADJUSTED SECURITY AMOUNT	The timeline for posting additional security will be set out by the Board in its directive on the security deposit adjustment.	Revised to allow the Board to set an appropriate timeline for posting additional security. Also revised to reflect current Board terminology.
5.	Unless otherwise approved by the Board, the Licensee may not submit security adjustment requests except with any of the following submissions: a) Closure and Reclamation Plans; b) Closure and Reclamation Completion Reports; or c) Performance Assessment Reports.	SECURITY ADJUSTMENT REQUESTS	The intent of this condition is to link security adjustment requests to completed Progressive Reclamation or changes to an updated CRP. This condition reduces the number of security adjustment requests that must be considered by reviewers and the Board. The CRP for the Project must be updated every three years (see CLOSURE AND RECLAMATION PLAN – REVISED), which provides a standard periodic opportunity for the Licensee to update the Closure Cost Estimate and request any consequent security adjustments. Note that this condition includes component-specific CRP submissions.	New condition added to limit requests to more significant adjustments.

Part D: Water Use

<table>
<tr><th></th><th>Condition</th><th>Title</th><th>Rationale</th><th>Notes on Proposed Changes</th></tr>
<tr>
<td>1.</td>
<td>Option 1:
The Licensee shall only obtain [if needed, enter: fresh or raw] Water for the Project from the [enter Water source]. The Licensee may withdraw up to [enter quantity of Water Use (m^3/unit of time e.g. day/year)] of Water from this source.

OR

Option 2:
The Licence shall only obtain [if needed, enter: fresh or raw] Water for the Project as set out in the following table.

<table>
<tr><th>Water Source Name</th><th>Location and Coordinates</th><th>Type of Watercourse (e.g., river, lake, etc.)</th><th>Purpose of Water Use</th><th>Maximum Quantity (m^3 per day or year)</th></tr>
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~~The Licensee shall only obtain [if needed, enter: fresh or raw] Water for the Project from the [enter Water source(s)], unless otherwise approved by the Board.~~</td>
<td>WATER SOURCE AND MAXIMUM VOLUME</td>
<td>The intent of this condition is to ensure Licensee only takes Water from approved Water sources; and to set out the maximum authorized Water withdrawal volume for each Water source.

Water sources, total Water Use, and Water Use from each source must be identified in the application.

Note that this condition addresses the use of Water directly from Watercourses, not from recycling or repurposing of Wastewater. Wastewater sources for recycling Water within the Project will be considered through the Water and Wastewater Management Plan and/or the WASTEWATER USE condition.</td>
<td>Revisions to this condition reflect the water source information requirements set out in the updated Water Licence Application Forms, and the consolidation of previously separate conditions regarding water source and maximum water withdrawal volume.

If project water will be obtained from a combination of water withdrawal from watercourses and recycling/repurposing of water/wastewater, this condition will specify fresh or raw Water, and recycling/repurposing of wastewater will be addressed through the WASTEWATER USE condition and/or the Water and Wastewater Management Plan.</td>
</tr>
<tr>
<td>2.</td>
<td>The Licensee may use Water from the [enter list Wastewater sources] for [enter Wastewater uses]</td>
<td>WASTEWATER USE</td>
<td>This condition would be included if Wastewater is being recycled on-site for</td>
<td>Note that this condition is not intended to be used for internal recycling of wastewater if it</td>
</tr>
</table>

	Condition	Title	Rationale	Notes on Proposed Changes
	only if that Water meets the Effluent Quality Criteria established in Part G, Condition X of this ~~Water~~ Licence, or as otherwise approved by the Board.		another use and could enter the Receiving Environment as a result. The intent of this condition is to ensure the Water from Wastewater sources meets EQC prior to being re-used.	will not result in discharge to the environment prior to collection and/or treatment (e.g. mine water used for milling).
3.	The Licensee shall only withdraw Water using the Water Supply Facilities, unless otherwise authorized in writing by an Inspector.	WATER WITHDRAWAL – FACILITIES	The design and location of the Water Supply Facilities can affect aquatic habitat, the potential for erosion and scour, and the stability of the facilities. The intent of this condition is to ensure the Licensee takes Water using facilities that are reviewed and approved by the Board; however, the Inspector may authorize the temporary use of alternate facilities.	Note that this condition can apply to all types of water supply facilities, from a basic pump and pipeline to a complex facility.
4.	Prior to obtaining Water from a licensed Water source, the Licensee shall post sign(s) to identify the intake for the Water Supply Facilities. All sign(s) shall be located and maintained to the satisfaction of an Inspector.	POST WATER INTAKE SIGN(S)	The intent of this condition is to ensure the Water intake location is protected from accidental damage or contamination, and to inform Inspectors and/or the general public of the location.	This condition would be included if the water intake is accessible to the public and could be damaged or contaminated.
5.	The Licensee shall construct and maintain the Water intake(s) with a screen designed to prevent impingement or entrapment of fish. ~~The screen shall be in accordance with the best practices outlined in the Department of Fisheries and Oceans *Freshwater Intake End-of-Pipe Fish Screen Guidelines* (1995) and *Fish Screen Design Criteria for Flood and Water Truck Pumps* (2011).~~	WATER INTAKE SCREEN	The intent of this condition is to minimize disruption of fish habitat near a Water intake. Guidance on best practices is available in the following Department of Fisheries and Oceans (DFO) documents: *Freshwater Intake End-of-Pipe Fish Screen Guideline* *Fish Screen Design Criteria for Flood and Water Truck Pumps*	The specific reference to the DFO's guidance documents has been removed, because they are not within the Boards' or the Inspectors' jurisdiction.

	Condition	Title	Rationale	Notes on Proposed Changes
6.	~~The quantity of fresh Water withdrawn [enter Water source] shall not exceed [enter Water use (m3/unit of time e.g. day/year)].~~			Incorporated into WATER SOURCE AND MAXIMUM VOLUME condition.
7.	Prior to locating a Water intake in a fish-bearing Watercourse, the Licensee shall obtain written authorization for the location from an Inspector.	WATER INTAKE LOCATION – AUTHORIZATION	This condition will be included if the Water intake location is not identified during the licencing process.	This new condition addresses scenarios where the specific location of the intake is not identified during the licencing process. Note that the water sources must be identified in the application – this condition does not allow the use of water sources that are not authorized in the WATER SOURCES AND MAXIMUM VOLUME condition.
8.	Option 1: In any single ice-covered season, the Licensee shall not withdraw greater than 10% of the available Water volume of any Watercourse, as calculated using the appropriate maximum expected ice thickness. OR Option 2: In any single ice-covered season, the Licensee shall not withdraw greater than the following quantity(ies): **Water Source(s)** | **Quantity (m^3)** | | |	MAXIMUM UNDER-ICE WATER WITHDRAWAL VOLUME	Water withdrawal under ice-covered conditions can affect aquatic habitat by depleting oxygen and reducing littoral habitat areas. The intent of this condition is to ensure the Licensee does not exceed the maximum withdrawal volume for each Water source during ice-covered seasons. Applicants should contact DFO to determine the maximum under-ice Water withdrawal volume. A general best-practice maximum of 10% will be applied if an applicant cannot provide detailed information during the licencing process.	Option 1: will be used when capacity and ice thickness information is not available during the licencing process. Option 2: will be used when capacity and ice thickness information for the water source(s) is available during the licencing process
9.	Each year, prior to the [enter: the day and month of the effective date] and in advance of any Water use,	WATER USE FEE	This intent of this condition is to ensure the Licensee is aware of the annual Water	Various versions of this condition have been consolidated into one standard condition.

	Condition	Title	Rationale	Notes on Proposed Changes
	the Licensee shall pay the Water Use Fee in accordance with the MVLWB's *Water Use Fee Policy*.		Use Fee payment due date. The effective date of the Licence is identified on the cover page.	

Part E: Construction

A draft Schedule is not included for this Section.

Most of the revisions and additions to this Section relate to the removal of Part F: Modifications and to changes in Board requirements for tailings dams following the Mount Polley Dam Failure in BC in 2014.

	Condition	Condition Title	Rationale	Notes on Proposed Changes
			This Section is organized based on the time sequences for Construction. There are general conditions up front, and then time-sequenced conditions which follow. Note that these conditions apply to any project with Construction, including remediation projects; however, not all of the conditions below will be applied to all projects.	The engineered structures for a project will be listed in the definition for the term 'Engineered Structures.'
1.	The Licensee shall ensure that all structures intended to contain, withhold, divert, or retain Water or Waste are designed, constructed, and maintained to minimize the escape of Waste to the Receiving Environment.	OBJECTIVE – CONSTRUCTION	The intent of this condition is to protect the environment, which reflects the guiding principles and objectives of the MVLWB *Water and Effluent Quality Management Policy*. This reflects the overall intent of the requirements set out in this Section of the Licence.	
2.	The Licensee shall ensure that all structures intended to contain, withhold, divert, or retain Water or Wastes, and which meet the definition of a Dam as per the *Dam Safety Guidelines* are designed, constructed, maintained, and monitored to meet or exceed the *Dam Safety Guidelines*.	DAMS – GENERAL	The intent of this condition is to ensure the Licensee builds, maintains, and monitors Dams in accordance with the *Dam Safety Guidelines*.	
3.	The Licensee shall ensure that all Engineered Structures are constructed and maintained in accordance with the recommendations of the Professional Engineer responsible for the design, including, but not limited to, recommendations regarding field supervision and inspection requirements.	ENGINEERED STRUCTURES – GENERAL	The intent of this condition is to ensure the Licensee builds Engineered Structures to appropriate standards. This requirement is consistent with the guiding principles of the MVLWB *Water and Effluent Quality Management Policy,* and the expectations set out in the MVLWB	

	Condition	Condition Title	Rationale	Notes on Proposed Changes
			Guidelines for Developing a Waste Management Plan.	
4.	Option 1: The Licensee shall ensure that all material used in Construction of the [enter: Project OR specific project component] meets the geochemical criteria specified in the approved [**enter name of management plan**] referred to in Part G, Condition y. OR Option 2: The Licensee shall ensure that only material that meets [enter geochemical criterion] is used for Construction, unless otherwise approved by the Board.	CONSTRUCTION MATERIAL – GEOCHEMICAL CRITERIA	This condition is included when potentially-acid-generating (PAG) materials have been identified on-site, and the Licensee will be using geochemical criteria to classify acceptable materials for use in Construction. The criteria may be set out directly in this Licence condition or in a relevant management plan.	Variations of this condition have been consolidated into these two recommended options. Option 1: will be used if there is a management plan that sets out geochemical criteria for construction materials. Option 2: will be used if there is no plan that sets out geochemical criteria for construction materials. In this case, the geochemical criterion/criteria (e.g. % total sulphur, neutralization potential, neutralization potential ratio) will need to be specifically determined during the regulatory process.
5.	The Licensee shall only use material that is clean and free of contaminants and is from a source that has been approved in writing by an Inspector.	CONSTRUCTION MATERIAL – SOURCE(S)	This condition may be included for small projects where no concerns about Construction materials have been identified during the licencing process.	Inspectors will apply relevant criteria as appropriate when enforcing this condition.
6.	The Licensee shall maintain records of Construction materials for all structures and make them available at the request of the Board or an Inspector.	CONSTRUCTION RECORDS	The intent of this condition is to ensure a record of the source(s) of Construction materials is available.	This condition may be used alone, or in conjunction with the GEOCHEMICAL RECORDS condition. They have been separated into two conditions, because geochemical records are not usually needed for all structures.
7.	The Licensee shall maintain geochemical records of Construction materials for [enter: all structures, OR list specific structures] and make them available at the request of the Board or an Inspector.	GEOCHEMICAL RECORDS	The intent of this condition is to ensure geochemical records of Construction materials are available where necessary. In some cases, this may apply to all structures; however, in many cases, this requirement may only apply to specific structures, which will be listed in this condition.	

	Condition	Condition Title	Rationale	Notes on Proposed Changes
			Geochemical testing and records are typically only required if potentially acid-generating (PAG) materials have been identified on-site, or if there is uncertainty about whether such materials are present on-site.	
8.	~~The Licensee shall submit a revised Project schedule upon Board request.~~	~~SUBMIT REVISED PROJECT SCHEDULE~~		This condition has been moved into Part B: General Conditions, because it is not specific to construction activities.
Construction Plans and As-Built Reports				
9.	Unless otherwise authorized by an Inspector, a minimum of 90 days prior to the commencement of Construction of all structures, excluding Engineered Structures, intended to contain, withhold, divert, or retain Water or Wastes, the Licensee shall submit to the Board, for approval, a **Structure Description and Construction Plan**. The Plan shall be in accordance with the requirements of Schedule X, Condition x. The Licensee shall not commence Construction prior to Board approval of the Plan.	STRUCTURE DESCRIPTION AND CONSTRUCTION PLAN	This condition requires the Licensee to submit descriptions and Construction plans for Water and Waste management structures that are not designed by a Professional Engineer but may still have potential effects on the Receiving Environment. This condition is intended to apply to all non-engineered Water and Waste management structures, unless otherwise authorized by the Inspector. For very small or temporary structures with low risk to the Receiving Environment, the Inspector may determine that a Structure Description and Construction Plan is not necessary. The Licensee is encouraged to discuss planned structures and associated risks with the Inspector in advance of submitting this Plan. Detailed information requirements are set out in the Schedule, which will always include a requirement for the Licensee to provide rationale for why the structure does not need to be engineered.	This condition has been added to address information gaps. In the past, design and construction information has only been required for engineered structures, and no design or construction information has been required for smaller, non-engineered water and waste management structures. This could potentially leave a gap in the record of structures that exist on-site at closure. Additionally, since this information has not been required, there is no opportunity for reviewers to consider whether the structure should actually be designed by an engineer (for example, if stability concerns are identified). This condition would ensure that information about non-engineered water and waste management structures is provided for the public record.

	Condition	Condition Title	Rationale	Notes on Proposed Changes
			If changes to a structure are proposed after the Structure Description and Construction Plan is approved, the Licensee must submit a revised Structure Description and Construction Plan to the Board, for approval prior to implementing the proposed changes, as per the REVISIONS condition.	
10.	A minimum of 90 days prior to the commencement of Construction of any Engineered Structures [not referred to in Part E, Condition 12], the Licensee shall submit to the Board for approval, a ~~Final~~ **Design and Construction Plan.** The Plan shall be in accordance with the requirements of Schedule X, Condition x. The Licensee shall not commence Construction prior to Board approval of the Plan.	DESIGN AND CONSTRUCTION PLAN	The intent of this condition is to ensure the Licensee submits the Design and Construction Plans for Engineered Structures. Design and Construction Plans for these structures require Board approval; however, the detailed Design Drawings, which must be signed and stamped by a Professional Engineer, do not require approval and should be submitted separately as per the DESIGN DRAWINGS condition. Detailed information requirements for Design and Construction Plans are set out in a schedule. In some cases, information requirements may be specific to particular Engineered Structures. If changes to an Engineered Structure are proposed after the Construction and Design Plan is approved, the Licensee must submit a revised Construction and Design Plan to the Board, for approval prior to implementing the proposed changes, as per the REVISIONS condition.	Separating the design drawings from the Design and Construction Plan would allow the Board to approve general design criteria and construction considerations, without requiring the Board to approve the detailed and very technical design drawings. Detailed information requirements set out in the accompanying schedule can be scaled appropriately for the structure and size of the project. Any components of the Plan that should be stamped and signed by an engineer are specified in the schedule. The exception in this condition is only included if DESIGN AND CONSTRUCTION PLAN – [enter name of specific Engineered Structure(s)] is used for specific Design and Construction Plans that do not require Board approval.
11.	A minimum of 90 days prior to the commencement of Construction of any Engineered Structures [not referred to in Part E, Condition 12], the Licensee shall submit to the Board, **Design Drawings**	DESIGN DRAWINGS	The intent of this condition is to ensure there is a detailed record of the design for future reference by the Board and the Inspector, and to ensure there is sufficient	The exception in this condition will only be included if DESIGN AND CONSTRUCTION PLAN – [enter name of specific Engineered Structure(s)] is used for specific Design and

	Condition	Condition Title	Rationale	Notes on Proposed Changes
	stamped and signed by a Professional Engineer. A minimum of 90 days prior to implementing any proposed changes, the Licensee shall submit revised Design Drawings to the Board.		information for Closure and Reclamation planning should the Project be abandoned. The Drawings also allow a comparison against as-builts submitted as per AS-BUILT REPORTS – ENGINEERED STRUCTURES. These Drawings are to be submitted separately from the Design and Construction Plan(s), because Board approval of the Drawings is not required. This condition may also be used as a stand-alone condition where a full Design and Construction Plan is not required. If changes to an Engineered Structure are proposed after the submission of the Design Drawings, the Licensee must submit revised Design Drawings to the Board prior to implementing the proposed changes. This is specified directly in this condition, because the general REVISIONS condition only applies to submissions that are for Board approval.	Construction Plans that do not require Board approval.
12.	A minimum of 45 days prior to the commencement of Construction of [enter name of specific Engineered Structure(s)], the Licensee shall submit to the Board, a ~~Final~~ **Design and Construction Plan**. The Plan shall be in accordance with the requirements of Schedule X, Condition x. A minimum of 45 days prior to implementing any proposed changes, the Licensee shall submit a revised Plan to the Board.	DESIGN AND CONSTRUCTION PLAN – [enter name(s) of specific Engineered Structure(s), where applicable]	The intent of this condition is to ensure the Licensee submits the Design and Construction Plans for any specific Engineered Structures where Board approval is not required for the Plans. This may apply for smaller Projects or Engineered Structures where Board approval is determined to be unnecessary. It may also apply for larger Projects or Engineered Structures for which an expert panel has been established. If changes to the Engineered Structures identified in this condition are proposed after the submission of the Construction and Design Plan, the Licensee must submit	Note that, in this case, the design drawings can be included in the Design and Construction Plan, because Board approval is not required.

	Condition	Condition Title	Rationale	Notes on Proposed Changes
			a revised Construction and Design Plan to the Board prior to implementing the proposed changes. This is specified directly in this condition, because the general REVISIONS condition only applies to submissions that are for Board approval.	
13.	A minimum of ten days prior to the commencement of Construction of any Engineered Structure(s), the Licensee shall provide written notification to the Board and an Inspector. Notification shall include the Construction commencement date, and the name and contact information for the individual responsible for overseeing Construction. Written notification shall be provided to the Board and an Inspector if any changes occur.	NOTIFICATION – CONSTRUCTION	The intent of this condition is to ensure the Licensee notifies the Board and Inspector prior to commencing Construction of an Engineered Structure. This initial contact is important to establish lines of regular communication between the Licensee, Inspector, and Board, and to facilitate site inspections. Changes to the contact information and/or the expected commencement date are required in writing.	Revised to improve clarity about what is expected in the notification.
14.	A minimum of ten days prior to the commencement of Construction of any structure(s) intended to contain, withhold, divert, or retain Water or Wastes, the Licensee shall provide written notification to the Board and an Inspector. Notification shall include the Construction commencement date, and the name and contact information for the individual responsible for overseeing the Construction. Written notification shall be provided to the Board and an Inspector if any changes occur.	NOTIFICATION – MUNICIPAL CONSTRUCTION	The intent of this condition is to ensure the municipal Licensee notifies the Board and Inspector prior to commencing Construction of any structure. This initial contact is important to establish lines of regular communication between the Licensee, Inspector, and Board, and to facilitate site inspections. Changes to the contact information are required in writing.	Revised to improve clarity about what is expected in the notification. This condition is similar to the general condition NOTIFICATION – CONSTRUCTION but is separated because some important municipal structures/facilities may not be engineered, but notification is still desirable.
15.	The Licensee shall ensure that all structures intended to contain, withhold, divert, or retain Water or Wastes, excluding Engineered Structures, are constructed in accordance with the approved **Structure Description and Construction Plan(s)**.	CONSTRUCT AS DESIGNED – STRUCTURE(S)	The intent of this condition is to ensure that structures are constructed as designed. This condition will apply to all non-engineered Water and Waste management structures.	This new condition reflects the new requirement for Structure Description and Construction Plans and mirrors the condition for engineered structures (CONSTRUCT AS DESIGNED – ENGINEERED STRUCTURE(S)).

	Condition	Condition Title	Rationale	Notes on Proposed Changes
16.	The Licensee shall ensure that all Engineered Structures are constructed in accordance with the ~~"issued for construction"~~ [enter: **Design Drawings** and/or approved **Design and Construction Plans**].	CONSTRUCT AS DESIGNED – ENGINEERED STRUCTURE(S)	The intent of this condition is to ensure that Engineered Structures are constructed as designed.	Removed 'issued for construction,' because it is outdated terminology that has been inconsistently used in licences.
17.	Within 90 days of the completion of the Construction of each Engineered Structure, the Licensee shall submit to the Board, an **As-Built Report** stamped and signed by a Professional Engineer, which shall include, but not be limited to, the following information: a) final as-built drawings of the Engineered Structure(s), stamped and signed by a Professional Engineer; b) documentation, with rationale, of field decisions that deviate from the ~~"issued for construction"~~ [enter: **Design and Construction Plans** and/or **Design Drawings**]; and c) any data used to support these decisions.	AS-BUILT REPORT – ENGINEERED STRUCTURE(S)	The intent of this condition is to ensure that as-built information is available on the public record after Engineered Structures have been constructed. If changes to an Engineered Structure are approved and constructed, the Licensee must submit an As-Built Report reflecting the changes as per the REVISIONS condition.	Removed 'issued for construction,' because it is outdated terminology that has been inconsistently used in licences.
Tailing Containment Facility Dams				
The conditions set out below are part of a new set of definitions and conditions developed by the Boards' Dams Team in order to better align Board requirements for tailings dams with changes in regulatory practices following the Mount Polley Dam Failure in BC in 2014. The conditions are intended to be specific to tailings dams and not other structures; however, they may be adapted to other structures, such as non-tailings dams, for specific projects. These conditions will be included for all projects with tailings dams and may be added to existing licences during amendment or renewal processes. These conditions may also be considered for existing licences if a project proposes to enter a long-term state of care and maintenance.				
18.	The Licensee shall retain an Engineer of Record for the [enter name of Tailing Containment Facility]. Written notification shall be provided to the Board and an Inspector if any changes occur.	ENGINEER OF RECORD	The intent of this condition is to reflect recent improvements in regulatory practices for and to ensure the appropriate level of regulatory oversight for Tailings Dams. This condition is consistent with CDA Guidelines, requirements in other jurisdictions (e.g., revised *Health Safety and Reclamation Code for Mines in British Columbia*), and the Mining Association of Canada's	Timing is not stipulated in this condition but may be established during the licencing process.

	Condition	Condition Title	Rationale	Notes on Proposed Changes
			(MAC's) *Guide to the Management of Tailings Facilities*.	
19.	The Licensee shall ensure that the Engineer of Record establishes and annually reviews the Dam Class for [enter name of Tailings Containment Facility] and shall report any changes to the Dam Class in the **Geotechnical and Geochemical Inspection Report** referred to in Part G, Condition X.	DAM CLASSIFICATION	The intent of this condition is to reflect improvements in regulatory practices and to ensure the appropriate level of regulatory oversight for Tailings Dams. The correct Dam classification is critical for ensuring the appropriate level of Dam safety oversight. Reporting changes to the classification is important to alert the Board to the potential need for revisions to Licence submissions or an amendment to Licence conditions. This condition is consistent with other jurisdictions (e.g., *Guidance Document for the Health, Safety and Reclamation Code for Mines in British Columbia*, 2016).	
20.	The Licensee shall ensure that the Engineer of Record establishes quantifiable performance objectives for the [enter name of Tailings Containment Facility] and reviews the quantifiable performance objectives annually for the life of the Facility.	QUANTIFIABLE PERFORMANCE OBJECTIVES	The intent of this condition is to reflect improvements in regulatory practices and to ensure the appropriate level of regulatory oversight for Tailings Dams. The requirement is consistent with other jurisdictions (e.g., *revised Health Safety and Reclamation Code for Mines in British Columbia*, 2016) and industry best practices (e.g., Independent Expert Engineering Investigation and Review Panel Report on Mount Polley Tailings Storage Facility Breach, 2015)	
21.	A minimum of one year prior to the commencement of Construction of the [enter name of Tailings Containment Facility], the Licensee shall submit to the Board, for approval, a **Terms of Reference for the Independent Tailings Review Panel**. The Licensee shall submit a revised **Terms of**	INDEPENDENT TAILINGS REVIEW PANEL – TERMS OF REFERENCE	The intent of this condition is to create transparency on the composition of the Independent Tailings Review Panel, and its roles and responsibilities, etc. so that all parties have confidence in the Panel.	

	Condition	Condition Title	Rationale	Notes on Proposed Changes
	Reference 30 days prior to implementation of any changes to the **Terms of Reference**.		The timeline for the submission of the Terms of Reference will reflect the Project schedule and the issuance date of the licence; however, in order to allow adequate time to complete the required processes, the Terms of Reference will be required well in advance of commencing construction of the facility. Following submission of the Terms of Reference, the Board will conduct a standard review and decision process. Once the Terms of Reference have been approved the Board, the Licensee can begin establishing the Panel. Prior to submission of the Design and Construction Plan for the facility, the Panel must review the Plan and prepare a Letter of Approval to submit with the Plan (see INDEPENDENT TAILINGS REVIEW PANEL - LETTER OF ACCEPTANCE below).	
22.	The Licensee shall establish an Independent Tailings Review Panel. The Licensee shall pay for all reasonable direct and indirect costs associated with the establishment of the Independent Tailings Review Panel and its duties that arise from the conditions of this Licence.	INDEPENDENT TAILINGS REVIEW PANEL - ESTABLISHMENT AND COSTS	The intent of this condition is to reflect improvements in regulatory practices and to ensure the appropriate level of regulatory oversight for Tailings Dams. The condition is consistent with other jurisdictions (e.g., revised *Health Safety and Reclamation Code for Mines in British Columbia*, 2016) and industry best practices (e.g., Independent Expert Engineering Investigation and Review Panel Report on Mount Polley Tailings Storage Facility Breach, 2015). The Terms of Reference will set out the requirements for the composition of the Panel. Once the Terms of Reference are approved by the Board, the Licensee can begin establishing the Panel. A timeline is	

	Condition	Condition Title	Rationale	Notes on Proposed Changes
			not set for establishing the Panel after the approval of the Terms of Reference; however, the Licensee must ensure that the Panel has sufficient time to review the Design and Construction Plan and prepare its Letter of Acceptance (see INDEPENDENT TAILINGS REVIEW PANEL - LETTER OF ACCEPTANCE below).	
23.	A minimum of 45 days prior to the commencement of Construction of the [enter name of Tailings Containment Facility], the Licensee shall submit a **Letter of Acceptance** from the Independent Tailings Review Panel that indicates their review and acceptance of the **Design and Construction Plan** referred to in Part E, Condition X.	INDEPENDENT TAILINGS REVIEW PANEL – LETTER OF ACCEPTANCE	The intent of this condition is to provide a high degree of confidence in the Design and Construction Plan. The timeline for submission of the Letter of Approval will match the Design and Construction Plan. The Design and Construction Plan will usually not require Board approval if an Independent Tailings Review Panel has been established, so the timeline will usually be shorter (e.g., 45 days).	

~~Part F: Modifications~~

This Section will be removed in its entirety, and the Licensee will now propose all changes through the revisions process for design and management plans, which is a more clear and consistent process. The addition of Structure Description and Construction Plan requirements in Part E: Construction for smaller water and waste management structures will ensure that there is a process for capturing any important changes to these smaller structures. **In all cases, the Board will consider the proposed changes in the context of what has been screened.**

This change reflects that evolution of standard water licence conditions. This Section was more useful in the past, when detailed project information was not set out in design and management plans. The purpose of this Section was to streamline the process for authorizing small changes and ensure that any proposed changes that might be inconsistent with the scope or conditions of the licence are brought to the Board's attention; however, since the legislated definition for a modification can be interpreted in different ways, it is difficult to draw a clear line for classifying changes as modifications, or to develop a general rule of thumb for when a public review is needed. As a result, almost all modifications currently undergo a public review and Board consideration, which is equivalent to the revision process for a design or management plan.

	Condition	Title	Rationale
~~1.~~	~~The Licensee may, without written approval from the Board, carry out a Modification to the existing or planned undertaking provided the following requirements are met:~~ ~~a) The Licensee has notified the Board and an Inspector, in writing, of such proposed Modification at least X days prior to the beginning of the Modification;~~ ~~b) The Modification does not place the Licensee in contravention of either this Licence or the Act;~~ ~~c) The Board has not, during the 60 days following notification of the proposed Modification, informed the Licensee that further information is required or that a review of the proposal will require more than 60 days;~~ ~~d) An Inspector has authorized the proposed Modification and provided a letter of notification to the Board; and~~ ~~e) The Board has not rejected the proposed Modification.~~	~~MODIFICATION REQUIREMENTS~~	~~Because Modifications do not alter the purpose or function of structures, they may not require Board approval. This condition sets out the requirements that must be met in order to carry out a Modification without Board approval.~~ ~~During the notification period, the Board will review the proposed Modification, and may determine that further information, review, or approval is required.~~
~~2.~~	~~Modifications for which all of the conditions referred to in Part F, Condition 1 have not been met, may only be carried out with written approval from the Board.~~	~~MODIFICATION – WRITTEN APPROVAL REQUIRED~~	~~Board approval is required for a Modification if any of the requirements of Part F, condition 1 are not met. This includes situations when the Board reviews a proposed modification and determines that more information, additional review, or approval is required.~~
~~3.~~	~~Within 90 days of the completion of the Modification referred to in Part F, Condition 1, the Licensee shall submit to the Board an **As-built Report**, stamped and signed by a Professional Engineer, which shall include final as-built drawings and specifications of the modified structure.~~	~~AS-BUILT REPORT – MODIFICATION~~	~~Following completion of a Modification, the Licensee must submit an As-Built Report. This ensures that the information on the public record is up to date for the structure.~~

Part G: Waste and Water Management

A draft Schedule is not included for this Section.

	Condition	Title	Rationale	Notes on Proposed Changes
1.	The Licensee shall manage Waste and Water with the objective of minimizing the impacts of the Project on the quantity and quality of Water in the Receiving Environment through the use of appropriate mitigation measures, monitoring, and follow-up actions.	OBJECTIVE – WASTE AND WATER MANAGEMENT	This condition sets out the overall objective for the requirements in Part G. This objective is consistent with the MVLWB *Water and Effluent Quality Management Policy*.	
2.	~~The Licensee shall ensure that any [enter waste type e.g. Unauthorized Discharges/Wastes/fuels/chemicals] associated with this undertaking do not enter any Waters.~~	~~PREVENT WASTE INTO WATER~~		This condition has been retained in Part I: Spill Contingency Planning.
3.	The Licensee shall minimize erosion by implementing suitable erosion control measures ~~installing erosion control structures as the Project progresses~~. ~~Erosion control structures~~ that shall be located and maintained to the satisfaction of an Inspector.	EROSION CONTROL	The intent of this condition is to prevent erosion and sediment deposition into Watercourses, because it can affect Water quality and aquatic habitat. Inspectors will use their discretion to determine whether the Licensee's efforts are satisfactory and consistent with best practices. This condition is primarily for smaller projects as an alternative to the requirement for an Erosion and Sedimentation Management Plan.	This condition has been developed by consolidating similar conditions used in recently issued licences. An Erosion and Sedimentation Plan may be required if erosion and sedimentation concerns are identified, in which case, this condition would not be included. Replace 'installing' with 'implementing,' because erosion control can include best practices and actions, not just physical structures.
Management Plans and Monitoring Programs				
4.	Option 1: The Licensee shall comply with the **[enter plan name]**, once approved. OR Option 2:	[ENTER PLAN NAME]	These conditions are used to set out the management plan, and operations and maintenance plan, requirements for each licence. Plan requirements are established based on Board policies, guidelines, and information gathered during the regulatory process.	Any plans required here (and in the condition below) are in addition to Engagement Plans, AEMPs, SCPs, and CRPs, which are covered by their own standalone conditions in other sections of the licence.

	The Licensee shall comply with the **[enter plan name]**, once approved. The Plan shall be in accordance with the requirements of Schedule X, Condition x.		If detailed information requirements are set out for a particular management plan, they are typically attached in a schedule, which will be reflected in the Licence conditions. Plans that are submitted with the application will be considered by the Board at the time the Licence is issued, and the Board's decision on the plans will be communicated in its issuance decision letter. The [ENTER PLAN NAME] conditions are used for management plans that are approved when the Licence is issued. If a plan is not approved at issuance, the Licence will include the requirement for a revised plan (see [ENTER PLAN NAME] – REVISED.) Any new plan requirements will also follow this format. The submission deadline for any given plan will depend on the project schedule and the activities described in the plan. Generally, the Licensee must not conduct the activities described within a plan until the plan is approved by the Board.	Option 1: will usually be used for the Waste Management Plan (WMP), municipal O&M plans, and any other plans that do not have associated schedules. It is noted that small projects may describe waste management information in the application form rather than in a standalone plan. In this case, the information in the application will be considered as the equivalent of the WMP. Conditions for the WMP will be included in the licence as appropriate (depending on whether the information is approved or a revised WMP is required) in order to provide a mechanism for the licensee to propose changes to waste management information after issuance. Option 2: will be used for plans that will have a schedule, which may include: • Water and Wastewater Management Plan; • Water Quality Monitoring Plan; • Erosion and Sedimentation Management Plan; • Explosives Management Plan; • Waste Rock Management Plan; • Geochemical Characterization and Management Plan; • Tailings Management Plan; • Long-term Monitoring Plan; or • Project-specific Plans. The condition COMPLY WITH SUBMISSIONS AND REVISIONS, and (in Part B: General Conditions) also covers implementation of the plans. The conditions REVISIONS and REVISE AND SUBMIT cover future revisions of the plans.
5.	Option 1: Within 90 days following the effective date of this Licence, the Licensee shall submit to the Board, for approval, a revised **[enter plan name].** The Plan shall be in accordance with the requirements of Schedule x, Condition x. The Licensee shall not commence [enter: Project activities OR activities described in the Plan] prior to Board approval of the Plan. OR Option 2: A minimum of 90 days prior to commencement of activities, the Licensee shall submit to the Board, for approval, a revised **[enter plan name]**. The Plan shall be in accordance with the requirements of Schedule x, Condition x. The Licensee shall not commence [enter: Project activities OR activities described in the Plan] prior to Board approval of the Plan.	[ENTER PLAN NAME] – REVISED		

Operation of Structures and Facilities				
6.	The Licensee shall construct, operate, and maintain the [enter name of structure/facility] to the design specifications and engineering standards, such that: a) Any constructed structures/facilities are maintained and operated so as to prevent structural failure and to the satisfaction of an Inspector; **OR** the specifications described in the [facility name] **Design and Construction Plan**, referred to in Part E are maintained at all times, and the structures/facilities are maintained and operated to the satisfaction of an Inspector; b) Seepage from the facility to the Receiving Environment is minimized, collected, and returned to the [facility name(s)]; **OR** Any Seepage from the facility to the Receiving Environment that does not meet Effluent Quality Criteria, as specified in Part G, Condition x shall be collected and returned to the [structure/facility name(s)]; c) Any deterioration or erosion of constructed structures/facilities shall be reported to an Inspector and the Board, and repaired immediately; d) ~~conditions for eventual closure and Reclamation of the facility are optimized;~~ e) Monitoring of the facility is sufficient to ensure that: i. Performance design criteria, as described in the **Design and Construction Plan/Operation and Maintenance Plan**, referred to in Part E are being met; ii. Necessary changes in operation of the facility, including any additional mitigations, are identified; f) ~~A response framework is in place to ensure that the Licensee will take appropriate actions if Action Levels, as defined in the~~	[ENTER NAME OF STRUCTURE/FACILITY]	This condition sets out any specifications or limitations that apply to the Construction, operation, and maintenance of particular structures or facilities. The intent is to ensure compliance with design specifications and/or best practices, prevent structural failure, and minimize environmental impacts. Project-specific requirements may be added to this list as required based on the type of structure or facility, and information gathered during the regulatory process.	This condition has been revised as follows: 1) Removed requirement for optimizing the facility for closure and reclamation. It is vague, not enforceable, and not quantitative like the rest of the items. Instead, this requirement will be incorporated into the schedule for the Design and Construction Plan. 2) Removed the requirement to have a response framework in place. It is unnecessary in this condition, since management plan conditions or schedules will set out the requirements for a response framework if appropriate. 3) Removed the inspection components of this condition. They are duplicated in the Inspections subsection. The list in this condition will be customized to the project/facility. Specific limitations (such as the freeboard limit, or the maximum design earthquake or storm event) may be included in this condition if technical recommendations were made during the regulatory process based on the particular type or location of the facility, or the geochemistry of the waste. For example, in most cases wet tailings facilities and water management ponds will have a freeboard stipulated in the licence. Structures/facilities typically addressed in this condition include: • Mine/Waste Rock Piles;

	~~[insert applicable management plan], are exceeded;~~ g) ~~Weekly inspections of the [facility OR list components of the facility that require frequent inspection] shall be conducted and the records of these inspections shall be kept for review upon the request of an Inspector; and,~~ h) ~~An inspection of the facility shall be carried out annually during the summer season by a Professional Engineer. The Professional Engineer's report shall be submitted to the Board within [insert 60 or 90] days of the inspection, including a cover letter from the Licensee outlining an implementation plan for addressing each of the recommendations made by the Professional Engineer, along with rationale for any decisions that deviate from the Professional Engineer's recommendations, and a summary of any actions taken by the Licensee to satisfy the previous review's engineering recommendations.~~			• Tailings Containment Facilities; • Waste Storage Facilities; • Solid Waste Disposal Facilities; • Water Retention Dykes/Dams; • Water Management Ponds; • Collection and Sedimentation Ponds; • Other Engineered Structures. Other facilities, like Hydrocarbon-Contaminated Soil, Sewage or Water Treatment Facilities may not require these conditions. Instead of this list, basic standard conditions will typically be used for municipal and lodge/camp licences, and other smaller licences with sewage and/or solid waste disposal structures/facilities. See conditions below: • SEWAGE DISPOSAL FACILITY – FREEBOARD and • PREVENT STRUCTURAL FAILURE.
7.	The Licensee shall maintain a Freeboard limit of one metre at the Sewage Disposal Facility, or as recommended by a Professional Engineer and as approved by the Board.	SEWAGE DISPOSAL FACILITY – FREEBOARD	Primarily intended for municipal licences or small Projects. A minimum Freeboard of one metre is standard best practice for this type of facility.	
8.	The Licensee shall operate and maintain the Waste Disposal Facilities ~~in such a manner as~~ to prevent structural failure and to the satisfaction of an Inspector.	PREVENT STRUCTURAL FAILURE	Primarily intended for municipal licences or small Projects. The intent of this condition is to prevent potential environmental impacts from operation and failure of these facilities.	

Inspection of Structures and Facilities				
9.	The Licensee shall conduct [enter frequency] inspections of the [enter names of structures/facilities] ~~during operations, or more frequently~~ or as otherwise directed by an Inspector or the Board. Records of these inspections shall be made available to the Board or an Inspector upon request.	[FREQUENCY] INSPECTION OF [ENTER NAME OF STRUCTURES/FACILITIES]	As part of on-going monitoring and evaluation, Water and Waste management structures typically undergo a detailed annual inspection by a Professional Engineer. For some structures, more frequent inspections may be required. The need for more frequent inspections should be identified during the regulatory process, and may be incorporated into management plan requirements, or set out directly in this condition. Different frequencies may be specified for different structures by including multiple versions of this condition.	This condition has been revised as follows: 1) Removed reference to operations, since the need for inspections may not be directly correlated to the operational phase of the facility or the project. 2) Built in more flexibility to adjust the frequency of inspections over time, by removing the limitation on the Inspector to require only more frequent inspections, and also including the option for the Board to adjust the frequency. This accommodates varying levels of risk during different phases of the facility or the project. This condition may not be required if these inspections are covered in management plans or O&M plans (i.e. municipal licences).
10.	The Licensee shall conduct daily erosion inspections of Discharge locations during periods of Discharge, or more frequently as directed by an Inspector. Records of these inspections shall be made available to the Board or an Inspector upon request.	DAILY INSPECTIONS OF DISCHARGE LOCATIONS	Because Discharge locations are susceptible to erosion, frequent inspections are required to ensure signs of erosion are detected and addressed.	
11.	The Licensee shall ensure that geotechnical [and geochemical] inspections of [enter either: a list of structures, or all Engineered Structures] are conducted annually [if appropriate, enter the timing of the inspections (e.g., during the summer months)], by a Professional Engineer [and Professional Geoscientist], and following any events that exceed design criteria ~~unforeseen extreme events (such as earthquakes, flooding, cracks, sinkhole formation, etc.)~~. The Licensee shall:	ANNUAL GEOTECHNICAL AND GEOCHEMICAL INSPECTIONS	As part of on-going monitoring and evaluation, Water and Waste management structures must undergo a detailed annual inspection by a Professional Engineer. If acid-rock drainage (ARD) or metal leaching potential exists, a Professional Geoscientist must also conduct an annual geochemical inspection. These	Revised the trigger for additional inspections to events exceeding design criteria, rather than 'extreme events.' While the design engineers will have used a particular set of criteria in the design, it is unclear who determines what is considered an 'extreme event' and when an additional inspection is required.

	a) A minimum of two weeks prior to the annual inspection, provide written notification to an Inspector ~~a minimum of two weeks prior to the annual inspection~~; and b) Within 90 days of completing the inspection, ~~the Licensee shall~~ submit the Professional Engineer's and Professional Geoscientist's full **Geotechnical and Geochemical Inspection Report** to the Board and an Inspector. The Report shall include: i. a covering letter from the Licensee outlining an implementation plan to respond to any recommendations made by the Professional Engineer and Professional Geoscientist, including rationale for any decisions that deviate from the Professional Engineer's (and Professional Geoscientist's) recommendations; and ii. a summary of any actions taken by the Licensee to address the recommendations made following the previous year's inspection.		professionals are intended to be third-party to the Project, and not directly involved in the design and/or day-today management of on-site structures/facilities. After events that exceed design criteria, an additional inspection must be conducted to determine whether the stability or function of the structure(s) has been affected.	The timing of these inspections is typically during the summer months. If the site or structures cannot be accessed during the summer months, or there is other rationale for conducting the inspections at another time of year, the appropriate time of year can be specified or left open.
12.	The Licensee shall conduct a Dam Safety Review of the [enter name of structure/facility to be reviewed] within the first three years after commencing Construction, and every [enter frequency based on Dam class] ~~seven years~~ thereafter, or at a frequency approved by the Board. The Dam Safety Review shall be conducted in accordance with the *Dam Safety Guidelines* by a Professional Engineer.	DAM SAFETY REVIEW	This condition is consistent with the requirements of the *Dam Safety Guidelines*.	This condition has historically combined the Dam Safety Review (DSR) and the associated Report. It has been divided into two parts, since it consists of two related, but distinct requirements. The frequency of the DSR will depend on the classification of the facility as per the Guidelines. If there are multiple facilities with the same dam class, they can be grouped in one condition.
13.	~~Within 90 days of completing the Dam Safety Review,~~ Prior to January 31 of the year following the year in which the Dam Safety Review was conducted, the Licensee shall submit the Professional Engineer's **Dam Safety Review Report**	DAM SAFETY REVIEW REPORT	This condition is consistent with the requirements of the *Dam Safety Guidelines*.	The submission deadline for the DSR Report has been revised to a set date. The DSR includes both a physical inspection and subsequent desktop analyses, which makes it difficult to interpret when the DSR is

	to the Board. The Report shall include a covering letter from the Licensee outlining an implementation plan to respond to any recommendations made by the Professional Engineer, including a rationale for any decisions that deviate from the Professional Engineer's recommendations and a summary of any actions taken by the Licensee to address the recommendations made following the previous Dam Safety Review.		The timing of the submission of the Dam Safety Review Report is intended to allow adequate time to conduct the desktop analyses that are required following the physical Dam inspection. The date may be adjusted based on Project-specific information gathered during the licencing process.	complete, and when the 90-day timeline would start. This date can be adjusted to reflect project-specific details, noting that the intent is to allow approximately 120 days for completion of the report following the DSR.
Discharge and Disposal Locations and Rates				
14.	Option 1: The Licensee shall dispose of all Waste as described in the approved **Waste Management Plan**. OR Option 2: The Licensee shall direct all [enter type of Waste] to the [enter facility name], as described in the approved [**enter name of management or O&M plan**].	[ENTER TYPE OF WASTE] – [ENTER FACILITY NAME]	For smaller projects, the first variation of this condition links Waste disposal to the overall Waste Management Plan. Larger projects may have more specific management or O&M plans for different types of Waste, as set out above in the Management and Monitoring Plan section of Part G. The second variation of this condition sets out the approved disposal location for each major Waste stream, and, if applicable, links the Waste stream to the relevant management or O&M plan.	This condition reflects the compilation of various specific and non-specific versions of this condition. The inclusion of the relevant management or O&M plan here allows the Inspector to authorize disposal to contingency locations that are not listed in the licence but are approved through the relevant plan. It is more practical to approve changes to contingency locations through the management plan than through an amendment to the licence.
15.	The Licensee shall direct all Effluent from [enter name of facility] to [enter location of Discharge] as described in the approved [**enter name of management plan**].	EFFLUENT DISCHARGE – [ENTER FACILITY NAME]	This condition sets out the approved discharge location for each type of Effluent, and, links the Effluent to the relevant management plan.	This condition is a variation of the condition above, specifically for effluent discharges. With regard to the location, the location may be as simple as a watercourse name, or as specific as particular location within a watercourse. This will depend on how any applicable EQC have been calculated, since the EQC may be very specific to particular mixing assumptions.

16.	A minimum of ten days prior to depositing any Waste into a licenced municipal facility, the Licensee shall provide written notification to the Board and an Inspector. ~~The Licensee shall not dispose of Waste to municipal facilities unless demonstrated to the Board (and an Inspector) that the facility has been designed, operated, and licenced to handle the additional waste stream.~~ OR ~~The Licensee shall not dispose of Waste to municipal facilities unless written notification to the Board and an Inspector is provided a minimum of 10 days prior to the initial deposit of Waste demonstrating that the municipal facility has agreed to accept the Waste and has the capacity to receive the volumes of Waste requested.~~	NOTIFICATION – WASTE DEPOSIT	Applicants (other than municipalities) planning to dispose of Waste at municipal facilities must obtain written agreement from the municipality in advance and should submit it with their application. However, applicants should note that the ability of the municipality to accept and manage additional Waste streams may change over time, so applicants must develop contingencies as part of their Waste Management Plan. The intent of this condition is to allow the Inspector an opportunity to confirm that the licenced municipal facility is still able to accept the Waste as originally proposed. The timeline and frequency of notification will be project-specific and will depend on the evidence gathered during the public review of the application.	To address recognized issues with disposal of industrial waste at licenced municipal facilities, applicants are now usually required to provide a letter from the municipality with their application, and this agreement can be reviewed in the context of the municipality's capacity and resources during the public review. The proposed practice will then be considered by the Board as part of the Waste Management Plan. It has been noted, however, that the capacity and resources of the municipal facility can change over time. This notification condition gives the Inspector and the Board an opportunity to confirm that the capacity and/or resources of municipal facilities are still adequate before the waste is actually accepted. The timeline and frequency for this notification will be project specific. If the waste will only be transferred annually, or once every few months, notification may required each time waste will be deposited. If the waste will be transferred on a more regular basis, notification could be required before the first deposit of the calendar year. Only licenced facilities are included here, since the Inspector and the Board will not have the knowledge or authority to consider unlicensed municipal facilities. Note that the Waste Management Plan must include contingency options for any waste that a licensee intends to dispose of at a licenced municipal facility.

17.	The Licensee shall not accept Sewage and solid Wastes generated by industrial, commercial, and institutional operators working outside of the local government boundaries of [enter community name] unless otherwise authorized in writing by an Inspector. ~~Sewage and solid Waste generated by industrial, commercial and institutional operators working outside of the local government boundaries of XX shall not be accepted at the Waste Disposal Facilities, unless otherwise authorized in writing by an Inspector.~~	SEWAGE AND SOLID WASTES – MUNICIPAL	This condition may be included in municipal licences only. The intent of this condition is to prevent exceeding limited capacity at municipal Waste Disposal Facilities.	This condition is for municipal licences only. It may be included if concerns related to management or capacity are raised during the public review of the application.
18.	The Licensee shall not accept hazardous Wastes generated by commercial and industrial operators at the Waste Disposal Facilities.	HAZARDOUS WASTES – MUNICIPAL	This condition may be included in municipal licences only. The intent of this condition is to prevent exceeding limited capacity for hazardous Wastes at municipal Waste Disposal Facilities.	This condition is for municipal licences only. It may be included if concerns related to management or capacity are raised during the public review of the application.
19.	The Licensee shall not discharge Waste, including Wastewater, ~~shall not be discharged or decanted~~ to any Watercourse, or to the ground surface within 100 metres of the Ordinary High-Water Mark of any Watercourse.	DISCHARGE LOCATION – ORDINARY HIGH-WATER MARK	The intent of this condition is to prevent Waste from entering Watercourses and affecting water quality, fish and other aquatic life, and downstream users. This condition would not be included when the Licence allows for authorized Discharges with specified locations. It may be included for appropriate circumstances, such as oil and gas operations when specific Sump locations are not known at the start of the Project.	
Effluent Quality Criteria				
20.	The Licensee shall ensure that [enter type of Effluent] from [enter structure/facility] at Surveillance Network Program station [enter SNP station number] has a pH value between [x and y]	EFFLUENT QUALITY CRITERIA	This condition sets out EQC that define the maximum allowable concentrations (e.g., mg/L), quantities (e.g., kg/year), or limits (e.g., pH range) of any contaminant or parameter in the Discharge which, in	

	and meets the following Effluent Quality Criteria (EQC): **EQC** **mg/L** | **mg** **Parameter** | **Maximum Average Concentration** | **Maximum Grab Concentration** | **Annual Loading Limit** ( ) | ( ) | ( ) | ( ) ( ) | ( ) | ( ) | ( )		the Board's opinion, has the potential to adversely affect Water quality in the Receiving Environment. EQC are set by the Board based on the evidence gathered through the licensing process. More information is available in the MVLWB *Water and Effluent Quality Management Policy*, and the MVLWB/GNWT *Guideline for Effluent Mixing Zones*.	
21.	The Licensee shall ensure that Discharge to [enter receiving Watercourse name] shall not be acutely toxic to aquatic life as determined at SNP station X by the test methods referenced in Part B of SNP.	EFFLUENT QUALITY – TOXICITY – [ENTER NAME OF FACILITY]	The intent of this condition is to ensure that Discharge(s) to the aquatic Receiving Environment is not acutely toxic to aquatic life. Toxicity testing requirements are set out in the attached Surveillance Network Program. Toxicity testing may be required to confirm predictions even if a Discharge is not expected to be toxic. Predictions will usually be based on the information available about the individual components of the Discharge, but the interactions of the components when mixed together in the Discharge is usually unknown.	This condition has been revised to be more specific to the SNP station(s) where toxicity testing is required. In some cases, this condition has been broadly applied to the receiving environment; however, it is only possible to assess this condition where toxicity testing is actually occurring.

			This condition is usually used in conjunction with the EFFLUENT QUALITY CRITERIA condition.	
22.	The Licensee shall submit Water quality data for samples collected from SNP station [enter # (structure/facility name)] to the Board and an Inspector as follows: a) No later than five days prior to commencing or resuming Discharge of Effluent to [location]; and b) No later than five days prior to commencing or resuming Discharge of Effluent to [location] following an exceedance of the EQC specified in Part G, Condition x (the table). The Licensee shall not commence or resume the Discharge until authorized in writing by an Inspector.	TESTING BEFORE DISCHARGE – [ENTER NAME OF STRUCTURE/FACILITY]	The intent of this condition is to confirm that any applicable EQC can be met before the Licensee initiates or resumes Discharge (including decants). This condition will apply when Discharge is first initiated, and may also apply when Discharge is resumed after a Temporary Closure (of the facility or the Project), but is not intended to apply after routine maintenance shutdowns. For Projects with intermittent or periodic Discharge (e.g. decants or seasonal Discharges), the need for testing before each Discharge will be determined during the licensing process.	This condition represents the compilation of various specific and non-specific version of this condition. This condition can now be tailored to most projects.
23.	If Water quality data from any sample collected at SNP stations [enter #] exceeds the EQC specified in Part G, Condition x, or is determined to be acutely toxic as per Part G, Condition y, the Licensee shall: a) Cease the Discharge; b) Notify the Board and an Inspector within 24 hours; c) Report the spill immediately in accordance with the **Spill Contingency Plan** referred to Part I, Condition X; d) Comply with the approved [enter appropriate management plan] referred to in Part G, Condition x; and e) Submit a detailed report on the occurrence, including a summary of corrective actions taken, to the Board and an Inspector within 30 days.	EQC – EXCEEDANCE – [ENTER NAME OF STRUCTURE/FACILITY]	This condition sets out the general response actions that must be taken if any sample at the identified SNP station exceeds EQC or fails acute toxicity testing, which constitutes an Unauthorized Discharge. Spill reporting is also required in these situations, so the Licensee should seek direction from the Inspector immediately. Response actions should be set out in the applicable management plan. In some cases, this will be a Spill Contingency Plan, but it could be a management plan or an O&M plan. The reporting requirement in this condition will confirm whether the response actions are consistent with the applicable plan.	This condition reflects the compilation of several variations of this condition. Licence conditions often do not set out direction on what actions to take if EQC are exceeded, or toxicity testing fails, unless a specific plan has been developed to address a particular exceedance. Including this as a standard condition makes it very clear that this situation requires action on the part of the licensee. The inclusion of spill reporting requirements ensures that all authorities are notified, so that they can determine whether they need to be involved based on their own responsibilities. Note that this is condition is not intended to apply to toxicity testing that takes place

	~~If any effluent quality criteria listed in Part G, condition X are exceeded, the Licensee shall act in accordance with the approved [insert Plan] referred to in Part X of this Licence.~~		This condition will usually only be applied at Discharge locations.	under the AEMP, since the AEMP takes place in the receiving environment, not at the discharge point.
24.	A minimum of 90 days prior to conducting the plume delineation study, the Licensee shall submit to the Board for approval, a **Plume Delineation Study Design** for the [name of Effluent stream].	PLUME DELINEATION STUDY DESIGN	The condition may be included where Discharge to a Watercourse has been authorized, and a mixing zone has been allocated. The intent of this condition is to confirm mixing predictions, since the predictions are used to calculate EQC. The Study Design shall be developed in accordance with the MVLWB/GNWT's *Guidelines for Effluent Mixing Zones*.	The need for, and timing of, a plume delineation study will usually be identified through the review process if confirmation of predicted effluent mixing is required.
25.	Within 90 days of the completion of the plume delineation study referred to in Part G, Condition X, the Licensee shall submit to the Board for approval, a **Plume Delineation Study Report**.	PLUME DELINEATION STUDY REPORT	If a plume delineation study is required, the Licensee must submit a report explaining the results of the study and evaluating the mixing zone predictions. Because the Plume Delineation Study Report will include information that may affect the assumptions used in EQC calculations, public review and Board decision are usually required; however, any changes to EQC must be considered through an amendment process.	
Other				
26.	If an Artesian Aquifer is encountered and producing Water at the ground surface, the Licensee shall: a) Implement the **[enter name of management plan]**; ~~OR employ appropriate technology, as necessary, to prevent Artesian Aquifer Water from flowing off-lease and to minimize the quantity of such Water that will be stored on-site;~~	REPORT ARTESIAN AQUIFER	This condition sets out the general response actions that must be taken if an Artesian Aquifer is encountered. This condition is primarily intended for oil and gas exploration licences. Spill reporting may also be required in these situations, so the Licensee should	This condition reflects the compilation of several similar and related conditions regarding artesian aquifers. Sampling parameters will be set out in the SNP as a 'floating' station, since the location would vary depending on where the artesian aquifer is encountered.

	b) Within 48 hours, notify the Board and an Inspector, in writing, including the flow rate in cubic metres; c) Dispose of Artesian Aquifer Water to a snow-bermed or self-contained area, unless otherwise authorized by an Inspector; d) Collect a sample of no less than ten litres of Artesian Aquifer Water, provide five litres of the sample to an Inspector for analysis, analyze the remaining sample as set out for SNP station [enter station number], and provide the analytical results to the Board and an Inspector; e) Seal the borehole to permanently prevent any further outflow of Water and to the satisfaction of an Inspector; and f) Within 24 hours following cessation of the flow of Artesian Aquifer Water, submit a detailed report of the event to the Board and an Inspector, including the total amount of Water in cubic metres that has been released, and the total amount of Water in cubic metres stored in the snow-bermed, or otherwise approved, storage area.		seek direction from the Inspector immediately.	

Part H: Aquatic Effects Monitoring

A draft Schedule for this Section is attached. This Section has been revised to reflect the recently issued MVLWB/GNWT *Guidelines for Aquatic Effects Monitoring Programs.* Specific lists of objectives have been replaced with a reference to the Guidelines, which set out the overall objectives for the AEMP and specific objectives for each submission.

	Condition	Title	Rationale	Notes on Proposed Changes
1.	The Licensee shall design and implement an Aquatic Effects Monitoring Program (AEMP) in accordance with the MVLWB/GNWT *Guidelines for Aquatic Effects Monitoring Programs.*	OBJECTIVE – AEMP	The conditions in Part H are included if an AEMP is required for a project. Guidance is available in the MVLWB/GNWT *Guidelines for Aquatic Effects Monitoring Programs.*	
2.	Within [enter timeline] of the effective date of this Licence, the Licensee shall submit to the Board, for approval, an **AEMP Design Plan**. The Plan shall be in accordance with the MVLWB/GNWT *Guidelines for Aquatic Effects Monitoring Programs.* ~~shall satisfy the objectives of Part H, Condition 1 and the requirements of Schedule X, Condition 1~~	AEMP DESIGN PLAN	This condition sets out the submission timeline for an AEMP Design Plan, which must be developed by the licensee if an AEMP is required for a project. The Design Plan will be required prior to the initial deposit of Waste into Water (either directly or indirectly) by the Project. The Design Plan describes how the Licensee will monitor Project-related effects in the aquatic Receiving Environment, and how the Licensee will analyze, report, and respond to monitoring results. The Design Plan must be implemented once approved by the Board as per the general condition in Part B (COMPLY WITH SUBMISSIONS AND REVISIONS).	If there are project-specific requirements for the AEMP Design Plan, they may be included in a condition in the Schedule.
3.	~~The Licensee shall act in accordance with the **Aquatic Effects Monitoring Program Design Plan** referred to in Part H, condition 2, once approved, and may at any time propose revisions to the Plan. The Licensee shall review and revise the Plan as necessary to reflect directives from the Board. All~~			This condition is now addressed in Part B: General Conditions (COMPLY WITH SUBMISSIONS AND REVISIONS and REVISIONS).

	Condition	Title	Rationale	Notes on Proposed Changes
	~~revised Plans shall be submitted to the Board for approval~~.			
4.	~~By [date]~~ Three years following implementation of the **AEMP Design Plan**, and every three years thereafter, or as directed by the Board, the Licensee shall submit to the Board, for approval, an **AEMP Re-Evaluation Report**. The Report shall be in accordance with the MVLWB/GNWT *Guidelines for Aquatic Effects Monitoring* Programs and shall evaluate the overall effectiveness of the AEMP to date. ~~shall meet the following objectives and satisfy the requirements of Schedule x, Condition x.~~	AEMP RE-EVALUATION REPORT	This condition sets out the requirement for submission of an Aquatic Effects Re-Evaluation Report every three years following the implementation of the AEMP Design Plan. The purpose of the Re-Evaluation Report is to provide the information necessary to check whether the Project-related environmental effects are and will remain within an acceptable range, or if changes to the Project or Licence are required. This Report should also be used to evaluate the effectiveness of the AEMP, and provide supporting evidence for recommending revisions to the AEMP Design Plan, if necessary. The three-year timeline is intended to allow the collection of adequate data to support this evaluation.	The submission timeline has been changed to relate to implementation of the AEMP Design Plan. The timing for the first submission of this Report is often hard to capture at issuance, since the approval date for the initial AEMP Design Plan is usually unknown. Additionally, the AEMP may not be implemented immediately following approval of the Design Plan, because the first sampling event may not occur until several months later. Relating the submission date to the implementation of the AEMP ensures that three years of data will be available for evaluation in this Report. Although the objectives for this Report have been replaced with a reference to the Guidelines, the specific objective of evaluating the overall effectiveness of the AEMP has been added, because it is not mentioned in the Guidelines. This requirement was previously associated with the AEMP Annual Report; however, it is more appropriate in the Re-Evaluation Report.
5.	Every three years following implementation of the **AEMP Design Plan**, or as directed by the Board, the Licensee shall submit to the Board, for approval, a revised **AEMP Design Plan**. The revised Plan shall be in accordance with the MVLWB/GNWT *Guidelines for Aquatic Effects Monitoring Programs.* ~~The Licensee shall submit to the Board, for approval, a revised AEMP Design Plan every three (3) years following the previous approval, or as directed by the Board.~~	AEMP DESIGN PLAN – REVISED	This condition sets out the timeline for regular review and resubmission of the AEMP Design Plan. The three-year timeline is intended to allow for collection of adequate data to support any proposed revisions. Any changes that were recommended through AEMP Annual Reports and Re-Evaluation Reports should be considered in this revision.	The submission timeline has been changed to relate to implementation of the Design Plan rather than the previous approval of the Design Plan, or a predetermined date. This aligns regular revisions of the Design Plan with the submission of the Re-Evaluation Report.

	Condition	Title	Rationale	Notes on Proposed Changes
6.	Beginning [date, including year], and no later than [date] of each year thereafter, the Licensee shall submit to the Board, for approval, an **AEMP Annual Report**. The Report shall be in accordance with the MVLWB/GNWT *Guidelines for Aquatic Effects Monitoring Programs* and the requirements of Schedule X, Condition Y.	AEMP ANNUAL REPORT	The purpose of the AEMP Annual Report is to present the results and analysis of AEMP monitoring data collected in the preceding calendar year. The specific information requirements for this Report are listed in the corresponding Schedule. Public review and Board decision are required for this Report, because data should be accurately reported; Licence requirements should be met; and data interpretation and conclusions should be appropriate. However, Board approval of the AEMP Annual Report does not constitute approval of any recommended changes to the Design Plan that may be set out within the Report. The Board's decision letter on this Report will provide direction on how and when recommended changes should be incorporated into the Design Plan.	There is no template or list provided in the Guidelines, so a Schedule condition is maintained here to provide additional guidance on the information requirements.
7.	If any low Action Level established in the approved **AEMP Design Plan** is exceeded, the Licensee shall, at a minimum, implement the response actions described in the approved **AEMP Design Plan**, and report the exceedance in the **AEMP Annual Report**.	LOW ACTION LEVEL EXCEEDENCE	This condition sets out the required response to any low Action Level exceedance. The minimum response actions are established in and approved through the AEMP Design Plan.	This new condition reflects the Guidelines.
8.	If any moderate or high Action Level established in the approved **AEMP Design Plan** is exceeded, the Licensee shall: a) Within the timeframe identified in the approved **AEMP Design Plan** ~~30 days of initially detecting the exceedance~~, notify the Board and an Inspector; and ~~b)~~ Within the timeframe identified in the approved **AEMP Design Plan** ~~90 days of~~	MODERATE OR HIGH ACTION LEVEL EXCEEDENCE	This condition sets out timelines for notification of any moderate and high Action Level exceedances and associated AEMP Response Plans. Action Levels, notification timelines, and general response actions and timelines are established in the AEMP Design Plan, and AEMP Response Plans describe the	Revised to reflect the Guidelines.

	Condition	Title	Rationale	Notes on Proposed Changes
	~~initially detecting the exceedance~~, or as otherwise directed by the Board, submit an **AEMP Response Plan** to the Board for approval. The Response Plan shall be in accordance with the MVLWB/GNWT *Guidelines for Aquatic Effects Monitoring Programs*.~~satisfy the requirements of Schedule x, condition 4.~~		Licensee's proposed response to an exceedance of any moderate or high Action Level. Response Plans may provide the basis for a Board directive requiring additional studies, additional mitigations, and/or changes to the AEMP Design Plan or Water Licence.	
	~~The Licensee shall implement the Aquatic Effects Monitoring Program (AEMP) Response Plan referred to in Part H, condition x as and when approved by the Board.~~	IMPLEMENT AEMP RESPONSE PLAN		This condition is covered in Part B: General Conditions (COMPLY WITH SUBMISSIONS AND REVISIONS).
	~~The Licensee shall submit a revised Aquatic Effects Monitoring Program (AEMP) Response Plan as directed by the Board.~~	AEMP RESPONSE PLAN – REVISED		This condition is covered in Part B: General Conditions (REVISIONS).

PART I: Spill Contingency Planning

This Section is limited to spill contingency planning – other contingency planning should be addressed in applicable management plans.

	Condition	Title	Rationale	Notes on Proposed Changes
1.	The Licensee shall ensure that ~~petroleum products, hazardous materials and other~~ Unauthorized Discharges associated with the Project do not enter any Waters.	OBJECTIVE – PREVENT WASTE INTO WATER	The intent of this condition is to protect Water quality in the event of a spill or other Unauthorized Discharge event.	In the past, this condition has sometimes been included in this Section, or in Part G. It has now been removed from Part G and will be maintained in this Section. Revised to reflect the defined term 'Unauthorized Discharges,' which captures all potential types of wastes or wastewaters that could affect water quality.
2.	The Licensee shall comply with the **Spill Contingency Plan**, once approved.	SPILL CONTINGENCY PLAN	A Spill Contingency Plan (SCP) is required with the application. The SCP must be in accordance with the INAC *Guidelines for Spill Contingency Planning*. The SCP should describe and plan for foreseeable worst-case scenarios. SCPs that are submitted with an application will be considered by the Board at the time the Licence is issued, and the Board's decision on the SCP will be communicated in its issuance decision letter. If the SCP is not approved at issuance, the Licence will include the requirement for a revised SCP (see options 1 and 2 for SPILL CONTINGENCY PLAN – REVISED.) The SCP must be approved and implemented at the beginning of a Project to prevent contamination of land and Water in case of any spill.	These conditions have been updated to reflect standard wording for management plan conditions. The options for the revised SCP are slightly different than other plans, because an approved version should be in place before project activities commence, or at a minimum, before specific high-risk activities commence. It is noted that small projects may describe spill contingency information in the application form rather than in a standalone plan. In this case, the information in the application will be considered as the equivalent of the SCP. Conditions for the SCP will be included in the licence as appropriate (depending on whether the information is approved or a revised SCP is required) in order to provide a mechanism for the licensee to propose changes to spill contingency information after issuance. The condition COMPLY WITH SUBMISSIONS AND REVISIONS also covers implementation
3.	Option 1: Within 90 days [enter either: following the effective date of this Licence OR prior to the commencement of activities], the Licensee shall submit to the Board, for approval, a revised **Spill Contingency Plan**. The Licensee shall not commence Project activities prior to Board approval of the Plan. OR Option 2: A minimum of 90 days prior to the commencement of [enter Project-specific activity], the Licensee shall submit to the Board, for approval, a revised **Spill Contingency Plan**. The Licensee shall not commence [enter Project-specific activity] prior to Board approval of the Plan.	SPILL CONTINGENCY PLAN – REVISED		

	Condition	Title	Rationale	Notes on Proposed Changes
				of the Plan. The conditions REVISIONS and REVISE AND RESUBMIT cover future revisions on the Plan. These conditions are in Part B: General Conditions.
4.	During the period of this Licence, if a spill or an Unauthorized Discharge occurs or is foreseeable, the Licensee shall: a) Implement the approved **Spill Contingency Plan** referred to in Part I, Condition x; b) Report it ~~the incident~~ immediately using the NU-NT Spill Report Form by one of the following methods: ~~NWT 1752/0593, and the Instructions for Completing the NT-NU Spill Report Form, as follows:~~ • Telephone: (867) 920-8130 • Fax: (867) 873-6924 • E-mail: spills@gov.nt.ca • Online: Spill Reporting and Tracking Database c) Within 24 hours, notify ~~Report each spill or Unauthorized Discharge to~~ the Board and an Inspector; and d) Within 30 days of initially reporting the incident, submit a detailed report ~~on each spill or Unauthorized Discharge~~ to the Board and an Inspector, including descriptions of causes, response actions, and any changes to procedures to prevent similar occurrences in the future. Written notification shall be provided to the Board and an Inspector if any changes occur.	REPORT SPILLS	This condition will only be included for small projects, where a stand-alone SCP is not included in the application. Otherwise, this information must be included in the SCP. The intent of this condition is to ensure the Licensee is aware of the standard procedure following a spill or Unauthorized Discharge. Project-specific details are to be described in the SCP, which must be developed in accordance with the INAC *Guidelines for Spill Contingency Planning*. The NU-NT Spill Report Form and instructions are available in the Guidelines or online. This link is also available on the Board's website, under the Resources tab. The GNWT has a searchable Online Spill Database.	Variations of this condition have historically been included in all licences; however, this condition will now be included only for small projects, where a stand-alone SCP is not included in the application. Otherwise, this information must be included in the SCP. This condition has been revised as follows: 1) Reference to 'each spill or unauthorized discharge' in each part of the condition is unnecessary and has been removed since this is reflected in the opening line of the condition. 2) In (b), the condition has been updated to include all methods for reporting a spill, including the new online database. 3) In (c), the language has been changed to 'notify' for consistency with similar licence conditions. 4) In (d), the timeline for final reporting is related to initial reporting rather than the date of the spill, because the Inspector's involvement and guidance does not begin until the spill is reported.
5.	The Licensee shall ensure that ~~adequate~~ spill prevention infrastructure and spill response equipment is in place prior to commencement of the Project.	SPILL PREVENTION AND RESPONSE EQUIPMENT	Spill prevention infrastructure, such as secondary containment, and spill response equipment, such as spill kits and drip trays, should be available and in-place on-site before the project commences to	Removed the word 'adequate' because it is unnecessary. The Inspector will review the spill infrastructure and equipment against the SCP, while being reasonable about detailed equipment lists.

	Condition	Title	Rationale	Notes on Proposed Changes
			respond to spills and prevent larger-scale contamination of land and water.	
6.	The Licensee shall restore all areas affected by spills and Unauthorized Discharges to the satisfaction of an Inspector. ~~All spills and Unauthorized Discharges of Water or Waste shall be reclaimed to the satisfaction of an Inspector.~~	CLEAN UP SPILLS	This requirement is consistent with the INAC *Guidelines for Spill Contingency Planning*.	This condition has been updated to standard wording and formatting. Replaced 'reclaim' with 'restore' for consistency with the Guidelines. It is unnecessary to specify water or waste, since this is part of the standard definition of unauthorized discharge.
7.	The Licensee shall not establish any fuel storage facilities or refueling stations, or store chemical or deleterious substances within 100 metres of the Ordinary High Water Mark of any Watercourse, unless otherwise authorized in writing by an Inspector. ~~The Licensee shall ensure all fuel storage facilities, refueling stations, or chemical and deleterious substances are located a minimum of 100 metres from the Ordinary High Water Mark of any Watercourse, unless otherwise authorized in writing by an Inspector.~~	MATERIAL STORAGE – ORDINARY HIGH WATER MARK	The intent of this condition is to provide a buffer to prevent fuel spills from impacting surface Water. This condition is normally included in a Land Use Permit but may be included in a Licence if there is no associated Permit for the Project. The Board, when considering the application, and an Inspector, during the operation, may authorize fuel storage within 100 metres of Water under specific conditions (e.g. if moving fuel further poses a risk of leaks/spills, if there is a hill separating fuel from water, etc.).	This condition is not typically included in a licence but will be considered if there is no associated permit, and the project entails storage and/or use of fuel or other chemicals (below the threshold levels for a permit). Revised to reflect the possibility that fuel or chemicals could be temporarily located or placed within the 100 m buffer at some points during transport, but should not be stored there. Note that the distance can be reduced in some cases based on site-specific conditions. For example, inclusion of this condition may not be practical for municipalities or some remediation projects.

PART J: Closure and Reclamation

A draft Schedule for this Section is included, but does not include all Schedule items at this time.

Revisions and additions to the conditions in this Section are intended to address gaps, clarify expectations, and improve consistency in the closure and reclamation planning process for the various types of licences. In particular, given the iterative nature of CRP development, and the fact that closure criteria are typically not finalized until later on in the life of a project, it has not always been clear whether and how progressive reclamation should be approved. Many of the revisions and additions in this Section are intended to clarify the process and expectations for progressive reclamation.

With regard to closure and reclamation requirements for licences with associated permits, a standard approach is needed. The Standard Permit Conditions relating to closure and reclamation activities (copied below) are very directive, but do not require a CRP. Where there is a CRP required through an associated licence, there is potential for permit conditions to conflict with decisions made through the development and approval of the CRP (for example, if the approved CRP states that some areas will not be revegetated). To avoid situations where permit and licence closure and reclamation conditions conflict, a standard approach is set out below:

- For projects that require both a permit and a licence, then a CRP will be required in the licence and the permit – with one submission to satisfy both, similar to the Spill Contingency and Waste Management Plans. In this case, other Standard Permit Conditions (copied below) regarding closure and reclamation do not need to be included in either the licence or permit.
- For projects that require only a licence, then the requirement for a CRP is appropriate and is included in the licence. The relevant Standard Permit Conditions (copied below) could be included as licence conditions if needed for smaller projects.
- For projects that require only a permit, the relevant Standard Permit Conditions would be included as appropriate, since there would be no CRP.

Standard Permit Conditions for Closure and Reclamation:

- FINAL CLEANUP AND RESTORATION: “Prior to the expiry of this Permit, the Permittee shall complete all cleanup and restoration of the lands used.”
- NATURAL REVEGETATION: “Prior to the expiry of this Permit, the Permittee shall prepare the site in such a manner as to facilitate natural revegetation”.
- ACTIVE REVEGETATION: “Prior to the expiry of this Permit, the Permittee shall initiate active revegetation of disturbed areas.”
- PRE-CONSTRUCTION PROFILES: “All areas affected by construction or removal activities shall be stabilized and landscaped to their pre-construction profiles, unless otherwise authorized in writing by an Inspector.”
- SAVE AND PLACE ORGANIC SOIL: “The Permittee shall store overburden and use it to recontour the site after operations are complete, unless otherwise authorized in writing by an Inspector.”

	Condition	Title	Rationale	Notes on Proposed Changes
	Information on developing Closure and Reclamation Plans, Closure and Reclamation Completion Reports, and Performance Assessment Reports is available in the MVLWB/AANDC *Guidelines for the Closure and Reclamation of Advanced Mineral Exploration and Mine Sites in the Northwest Territories*. While these Guidelines were developed for mineral exploration and mining, the information is applicable to other types of projects. **Municipalities will not be required to submit an overall Closure and Reclamation Plan but will be required to submit component-specific Closure and Reclamation Plans as set out in the conditions below. Closure and Reclamation planning information for municipalities is available in Environment and Climate Change Canada’s *Solid Waste Management for Northern and Remote Communities: Planning and Technical Guidance Document*.**			For remediation projects, a CRP will be required. Remediation will introduce processes, structures, facilities, and/or wastes that will need to be addressed to close the site once remediation activities are complete. The CRP will be separate from the Remediation Action Plan, which is a description of the remediation project.

	Condition	Title	Rationale	Notes on Proposed Changes
A Closure and Reclamation Plan will be required for remediation projects. The Plan will be separate from the Remediation Action Plan and must describe Closure and Reclamation for any processes, structures, facilities, and/or Wastes that are introduced by a remediation project.				
1.	Option 1: Within 18 months following the effective date of this Licence, the Licensee shall submit to the Board, for approval, a **Closure and Reclamation Plan.** OR Option 2: Within 18 months following the effective date of this Licence, the Licensee shall submit to the Board, for approval, a **Closure and Reclamation Plan.** The Plan shall be in accordance with the requirements of Schedule X, Condition Y.	CLOSURE AND RECLAMATION PLAN	The development of a Closure and Reclamation Plan (CRP) is an iterative process. Initially, a conceptual CRP is typically required as part of an application package for larger Projects. For small Projects, Closure and Reclamation information must still be submitted with the application, but a formal CRP may not be necessary, or may be required at a later date through this licence condition. Based on information gathered during the regulatory process, a revised CRP is usually required following Licence issuance, and the CRP may need to be updated and resubmitted several times over the life of a Project. Option 1 will be used when the CRP must be in accordance with the MVLWB/AANDC *Guidelines for the Closure and Reclamation of Advanced Mineral Exploration and Mine Sites in the Northwest Territories,* as set out in the Licence definition for the CRP. Option 2 will be used for small projects, when the CRP definition does not reference the Guidelines. In this case, CRP requirements will be set out in the Schedule.	

	Condition	Title	Rationale	Notes on Proposed Changes
2.	~~The Licensee shall comply with the Interim Closure and Reclamation Plan, once approved.~~			This condition is covered in Part B: General Conditions (COMPLY WITH SUBMISSIONS AND REVISIONS).
3.	Option 1: Every three years following the previous approval, or as directed by the Board, the Licensee shall submit to the Board, for approval, a revised **Closure and Reclamation Plan**. OR Option 2: Every three years following the previous approval, or as directed by the Board, the Licensee shall submit to the Board, for approval, a revised **Closure and Reclamation Plan**. The Plan shall be in accordance with the requirements of Schedule X, Condition Y.	CLOSURE AND RECLAMATION PLAN – REVISED	This condition sets out the timeline for regular review and resubmission of the CRP. The three-year timeline is intended to allow for enough data to be collected through reclamation research to support any proposed revisions. Any changes that were recommended through Reclamation Research Reports should be considered in this revision.	This new condition encourages regular review of the CRP, and the associated closure cost estimate, once approval of the CRP is achieved. This requirement is not set out in the Guidelines, but a similar requirement is standard for the AEMP Design Plan. It is recognized that CRPs for larger projects often go through multiple iterations before being approved, and because this condition would only apply after approval, this requirement would not affect that process. This requirement would also not preclude the option to revise the CRP at other times to reflect any important changes. Note that the timeline for regular revisions of the CRP is related to approved of the previous version, and not to implementation of the CRP, since the CRP is primarily a planning tool that is not really implemented until closure (progressive reclamation is addressed in additional conditions below). This is different from the AEMP, which is being conducted throughout the life of the project.
4.	Option 1: Three years prior to the expiration of this Licence, or a minimum of two years prior to the end of ~~commercial~~ operations, whichever occurs first, the Licensee shall submit to the Board, for approval, a final **Closure and Reclamation Plan**. Option 2: Three years prior to the expiration of this Licence, or a minimum of two years prior to the end of ~~commercial~~ operations, whichever occurs first, the Licensee shall submit to the Board, for	CLOSURE AND RECLAMATION PLAN – FINAL	The development of a CRP is an iterative process. Additional information gathered over the life of a project will be incorporated into the CRP, and there may be several interim versions of the CRP over the life of the Project. As the operational phase of the Project nears completion, the CRP must be finalized. Sufficient time must be allowed for review and approval of the final CRP	Removed 'commercial'. The Guidelines recommend that the final CRP be submitted two years prior to the end of operations; however, this milestone is not defined. Reference to 'commercial' operations is not applicable for all undertakings, and a standard definition for 'commercial' has not been established.

	Condition	Title	Rationale	Notes on Proposed Changes
	approval, a **final Closure and Reclamation Plan**. The Plan shall be in accordance with the requirements of Schedule X, Condition Y		before final Closure and Reclamation activities can begin.	Recommendations regarding a standard definition or common understanding of the 'end of operations' are encouraged.
5.	~~The Licensee shall comply with the approved Final Closure and Reclamation Plan.~~	COMPLY WITH FINAL CLOSURE AND RECLAMATION PLAN		This condition is covered in Part B: General Conditions (COMPLY WITH SUBMISSIONS AND REVISIONS).
6.	Option 1: One year prior to Progressive Reclamation of any specific component of the Project, and until a final Closure and Reclamation Plan is approved, the Licensee shall submit to the Board, for approval, a component-specific **Closure and Reclamation Plan**. The Licensee shall not commence activities described in the Plan prior to Board approval. Option 2: One year prior to Progressive Reclamation of any specific component of the Project, the Licensee shall submit to the Board, for approval, a component-specific **Closure and Reclamation Plan**. The Plan shall be in accordance with the requirements of Schedule X, Condition Y. The Licensee shall not commence activities described in the Plan prior to Board approval.	CLOSURE AND RECLAMATION PLAN – COMPONENT-SPECIFIC	This condition will generally only be included for larger projects with major components. If Closure and Reclamation of specific Project components is committed to or planned prior to approval of the final version of the overall CRP for the Project, a component-specific CRP must be submitted for approval; however, this condition can also be satisfied by submitting the required level of detail for the component as part of the overall CRP. The intent is for this condition to apply to major structures and facilities. The Licensee must provide the level of detail that would be required in a final Closure and Reclamation design for the component, including detailed design reports for any engineered Closure and Reclamation structures. Licensees should note that a component-specific CRP is considered interim in most cases, because it may not be possible for all elements of a final overall CRP to be included (e.g., final Closure Criteria). This will likely affect the evaluation of any potential security	Option 2 of this condition will be included for municipal or power licences, where the Guidelines do not apply, and there is usually no overall CRP. A list of information requirements for Option 2 is included in the attached Schedule. Otherwise, this condition (Option 1) will typically only be used for larger projects where progressive reclamation can be complex and have greater potential for impacts. For these projects, this condition allows the licensee to acquire approval to carry out progressive reclamation during operations, since the development of a final CRP can be an extended process. This condition also ensures that adequate details are provided for the Board to consider approving closure of specific components prior to the submission and approval of a final CRP. This level of detail is not typically available in earlier versions of the CRP, but is particularly important for complex and/or engineered closure designs.

	Condition	Title	Rationale	Notes on Proposed Changes
			refund this is associated with this type of Progressive Reclamation. Option 1 will be used when the CRP must be in accordance with the MVLWB/AANDC *Guidelines for the Closure and Reclamation of Advanced Mineral Exploration and Mine Sites in the Northwest Territories,* as set out in the Licence definition for the CRP. Any relevant information requirements set out in the Guidelines for a final CRP will apply. Option 2 will typically only be used for municipal licences, or power licences, where an overall CRP is often not required due to the lifespan of the Project. In this case, CRP requirements will be set out in the Schedule.	
7.	The Licensee shall endeavor to carry out approved Progressive Reclamation as soon as is reasonably practicable.	PROGRESSIVE RECLAMATION	The intent of this condition is to encourage Progressive Reclamation. Regarding what is 'reasonably practicable,' the Inspector will determine what is practical on a case-by-case basis.	Revised to clarify that progressive reclamation must be approved by the Board.
8.	The Licensee shall not conduct Progressive Reclamation except as approved by the Board.	PROGRESSIVE RECLAMATION – CARRY OUT AS APPROVED	Progressive Reclamation is encouraged and supported by the Board. The intent of this condition is to ensure that Progressive Reclamation activities are approved by the Board prior to being carried out. For large projects, Progressive Reclamation will be approved by the Board either through the CRP, or through a component-specific CRP. Because the CRP must be revised for	This new condition reflects the requirement for Board approval for progressive reclamation. This condition will be included in all licences. The wording of this condition is broad enough to allow these activities to be approved through a CRP (overall or component-specific), municipal O&M Plans, or as otherwise approved by the Board if there is no approved CRP.

	Condition	Title	Rationale	Notes on Proposed Changes
			Board approval every three years (see CLOSURE AND RECLAMATION PLAN – REVISED), each version of the CRP must set out planned Progressive Reclamation for the upcoming three-year period. The Board's decision letter on the CRP will then include direction on which planned Progressive Reclamation activities will require a more detailed component-specific CRP for approval. This will typically include all major structures and facilities. For small projects, Progressive Reclamation will usually be approved either through the CRP; or, if there is no approved CRP in place, or there is no stand-alone CRP, the Licensee can request approval from the Board to carry out planned Progressive Reclamation activities. For municipal licences, Progressive Reclamation will be approved through Operations and Maintenance Manuals, and component-specific CRPs.	
9.	A minimum of ten days prior to the commencement of any Progressive Reclamation, the Licensee shall provide written notification to the Board and an Inspector. Notification shall include the name and contact information for the individual responsible for overseeing the Progressive Reclamation.	PROGRESSIVE RECLAMATION – NOTIFICATION	This requirement is set out in the MVLWB/AANDC *Guidelines for the Closure and Reclamation of Advanced Mineral Exploration and Mine Sites in the Northwest Territories.*	Added to reflect the Guidelines.
10.	~~Beginning [enter date], and no later than every [enter date] thereafter, the Licensee shall submit an **Annual Closure and Reclamation Progress Report** to the Board. The Report shall be in accordance with the MVLWB/AANDC *Guidelines*~~	~~ANNUAL CLOSURE AND RECLAMATION PROGRESS REPORT~~		The Annual Closure and Reclamation Progress Report has been incorporated into the Annual Water Licence Report.

	Condition	Title	Rationale	Notes on Proposed Changes
	~~*for the Closure and Reclamation of Advanced Mineral Exploration and Mine Sites in the Northwest Territories.*~~			In the past, the Annual Progress Report has been used as a means to propose changes to the CRP and the closure cost estimate. There are new conditions that require regular updates to the CRP (see CLOSURE AND RECLAMATION PLAN – REVISED) and that limit security adjustment requests to certain submissions (see SECURITY ADJUSTMENT REQUESTS) – changes to the CRP and the closure cost estimate should now be proposed under those conditions instead. This provides a more clear and consistent process for these changes.
11.	Every three years following the commencement of Reclamation Research, or as directed by the Board, the Licensee shall submit to the Board, for approval, a **Reclamation Research Report**. The Report shall be in accordance with the requirements of Schedule X, Condition Y.	RECLAMATION RESEARCH REPORT	The purpose of the Reclamation Research Report is to inform revisions to the CRP. While a summary of completed Reclamation Research is required as part of CRP progress reporting in the Annual Water Licence Report, detailed Reclamation Research results should be presented in this Reclamation Research Report, with associated analysis, interpretation, conclusions, and recommendations. Specific information requirements are set out in the Schedule. The intent of requiring this Report every three years is to allow the collection of adequate data to support analysis and recommendations. The timing of this Report is intended to align with the required updates to the CRP (every three years); however, since Reclamation Research could be initiated prior to the Board's approval of the CRP, the Board may need to provide direction	This new condition replaces and expands upon the standard requirement for describing reclamation research results in the Annual Closure and Reclamation Progress Report/Annual Water Licence Report. Although most reports do not require Board approval, this Report should undergo a review and approval process, because the analysis and conclusions drawn from this Report will inform potential changes to the CRP.

	Condition	Title	Rationale	Notes on Proposed Changes
			on when this Report should be submitted.	
12.	Within x days of completing Closure and Reclamation of any specific component of the Project, the Licensee shall submit to the Board a **Closure and Reclamation Completion Report**. The Report shall be in accordance with the MVLWB/AANDC *Guidelines for the Closure and Reclamation of Advanced Mineral Exploration and Mine Sites in the Northwest Territories*.	CLOSURE AND RECLAMATION COMPLETION REPORT	The general purpose of a Closure and Reclamation Completion Report is to provide a description of the activities undertaken to close and reclaim the component(s), including any deviations from what was planned, and a description of any monitoring that is required. The Report will be compared to the approved CRP. Subsequently, the Licensee will typically need to conduct monitoring to determine whether Closure Objectives and Criteria are met, and then report on this monitoring in a Performance Assessment Report. If Closure Objectives and Criteria are not met, additional Closure and Reclamation activities may be necessary. Any monitoring or maintenance recommendations presented in this Report are not approved through this Report; however, this Report can be used to support revisions to affected monitoring or management plans, or requests to adjust security. For smaller projects, a single Reclamation Completion Report outlining how the site was reclaimed would be appropriate. For larger projects, where facilities or components are closed and reclaimed prior to the end of operations, a Reclamation Completion Report is expected following the Closure and Reclamation of each of	These Reports are not for Board approval, because they are records of what has been done. These Reports do include monitoring, maintenance, and possibly closure cost information, which generally requires Board approval; however, approval of these items should be acquired through revisions to affected plans (such as the CRP or the Post-Closure and Reclamation Monitoring and Maintenance Plan) or the closure cost estimate.

	Condition	Title	Rationale	Notes on Proposed Changes
			the facilities/components as well as a final Reclamation Completion Report for the whole Project.	
13.	Within x days of completing Closure and Reclamation of any specific component of the Project, the Licensee shall submit to the Board, for approval, a **Performance Assessment Report**. The Report shall be in accordance with the MVLWB/AANDC *Guidelines for the Closure and Reclamation of Advanced Mineral Exploration and Mine Sites in the Northwest Territories*.	PERFORMANCE ASSESSMENT REPORT – COMPONENT-SPECIFIC	The general purpose of the Performance Assessment Report is to provide a detailed comparison of conditions at the site against the appropriate Closure Objectives and Closure Criteria. A Performance Assessment Report should be prepared after the associated Closure and Reclamation Completion Report has been submitted, and after a time period needed to assess the performance of Closure and Reclamation. Subsequent Performance Assessment Reports may be required by the Board when longer-term Closure Objectives are in place. Any monitoring or maintenance recommendations presented in this Report are not approved through this Report; however, this Report can be used to support revisions to affected monitoring or management plans, or requests to adjust security.	Performance Assessment Reports should be for Board approval, which is consistent with licences recently issued by the Boards. Additionally, relinquishment is dependent on demonstration that closure objectives and criteria have been met, which will primarily be achieved through these Reports. Accordingly, these Reports should undergo the standard approval process, which will entail a formal public review that landowners can participate in.
14.	Within 90 days of completing Closure and Reclamation of the Project, or as otherwise directed by the Board, the Licensee shall submit to the Board for approval, a **Post-Closure and Reclamation Monitoring and Maintenance Plan**. The Plan shall be in accordance with the requirements of Schedule X, Condition Y.	POST-CLOSURE AND RECLAMATION MONITORING AND MAINTENANCE PLAN	This condition is primarily intended to apply to post-closure sites, but a Post-Closure and Reclamation Monitoring and Maintenance Plan may be required by the Board as soon as the need for post-Closure and Reclamation monitoring is identified (for example, following Progressive Reclamation of the first major Project component). This Plan may need to be revised and resubmitted	In the past, this condition has primarily been included in remediation licences; however, it is applicable to all types of projects that include closure.

	Condition	Title	Rationale	Notes on Proposed Changes
			several times as Closure and Reclamation progresses. The monitoring described in this Plan should be based on the approved CRP, but more detailed information is required, and should include consideration of the completed Closure and Reclamation activities and any deviations from the approved CRP.	

Part K: Other

Conditions Applying to Stream/Watercourse Crossings

The conditions that would be included in this Section may be useful for particular types of activities (oil and gas, and other miscellaneous activities), but are not standard for most licences. They will generally only be needed if there is no permit, and no Erosion and Sedimentation Management Plan is required. The development of these conditions has been set aside for now, but they will be considered later as a subsection of Part G.

Conditions Applying to Dewatering or Drawdown

The conditions that would be included in this Section are activity-specific and are not standard for most licences. The development of these conditions has been set aside for now, but they will be considered later as a subsection of Part G.

Schedule B: Annual Water Licence Report

	Condition	Rationale	Notes on Proposed Changes
1.	The **Annual Water Licence Report** referred to in Part B, Condition X of this Licence shall include, but not be limited to, the following information about activities conducted during the previous calendar year:	This condition sets out the information requirements for the Annual Water Licence Report. The list of information requirements will be customized to reflect the Licence conditions; it may not include all of these items, and/or may include additional, Project-specific items that are not in this list.	The timeframe for the Report (the previous calendar year) has been removed from individual items in the list and included in the introductory line in order to reduce repetition. Information requirements for all plans have been revised for consistency across plans. Forward-looking information requirements have been removed to prevent inconsistencies or conflicts with approved plans. Proposed changes should be identified through submissions of revised management plans prior to implementing the changes. Licensees should note that Inspectors may request forward-looking information for planning purposes.
a)	A brief summary of Project activities;		
b)	An updated Project schedule;		
c)	The monthly and annual quantities in cubic metres of fresh Water obtained from all sources, as required in Part B, Condition x of this Licence;		This requirement will reference the condition MEASURE WATER USE AND WASTE DISCHARGED in Part B.
d)	A summary of the calibration and status of the meters and devices referred to in Part B, Condition x of this Licence;		
e)	A summary of engagement activities conducted in accordance with the approved **Engagement Plan**, referred to in Part B, Condition x of this Licence, ~~with a brief description of activities planned for the forthcoming year~~;		
f)	A summary of how Traditional Knowledge influenced decision making;		This is also a general requirement for all submissions (Part B: INCORPORATE TRADITIONAL KNOWLEDGE), but is reiterated here as a requirement for an overall summary.

	Condition	Rationale	Notes on Proposed Changes
			Generally, this will not be required for municipal licences unless project-specific concerns are identified during the licensing process.
g)	A summary of Construction activities conducted in accordance with Part E of this Licence;		
h)	~~A summary of Modification activities conducted in accordance with Part F of this Licence;~~		Removal of this requirement reflects removal of Part F: Modifications.
i)	A summary of major maintenance activities conducted in accordance with this Licence;		
j)	A summary of activities conducted in accordance with the approved [**enter name of management plan**], referred to in Part G, Condition x of this Licence, including: i. A summary of approved updates or changes to the process or facilities required for the management of [enter the overarching type of material the plan covers - Water, Waste, or other materials]; ii. Monthly and annual quantities/volumes by location of [enter: Water, Waste, or other materials] managed under the plan; iii. A summary and interpretation of any monitoring results; and iv. A list of any Action Level exceedances and a description of actions taken in response to any Action level exceedances.		This list will form the basic standard information requirements in this Report for each plan required under a licence, but the list will be customized to reflect each plan. More specific lists for common plans are set out below. 'Approved' has been added in order to ensure that this Report is not used a vehicle for proposing future changes or updates to plans. This is consistent the removal of forward-looking information from the Report.
k)	A summary of activities conducted in accordance with the approved **Water and Wastewater Management Plan**, referred to in Part G, Condition x of this Licence, including: i. A summary of approved updates or changes to the process or facilities required for the management of Water and Wastewater; ii. Monthly and annual quantities, in cubic metres, of Water obtained from each approved source; iii. Monthly and annual quantities, in cubic metres, of recycled Water, identifying both the source and use; iv. Monthly and annual quantities of Water, in cubic metres, used for dust control; v. Monthly and annual quantities, in cubic metres, of [enter: Wastewater/treated Wastewater/treated Sewage/Minewater]		Information requirements in this list will be included as appropriate for the project and the requirements of the management plan.

	Condition	Rationale	Notes on Proposed Changes
	from the [enter facility name, such as Sewage Disposal Facilities, Waste Rock Storage Facilities, Tailings Containment Facilities, open pit, underground mine]; vi. Monthly and annual quantities, in cubic metres, of all Discharges, identified by Discharge location; vii. Monthly elevations, in metres, of Water in the [enter facilities and/or waterbodies]; vii. Monthly and annual flow volume, in cubic metres, at [enter location or SNP station]; viii. Monthly and annual estimates and measurements of precipitation and Runoff; ix. A comparison of Water and Wastewater quantities measured in the year to the Water balances predicted for that year in the approved Plan, and an explanation of any significant differences between predictions and actual measurements; x. An updated Water balance if required as per the approved Plan; xi. A summary and interpretation of monitoring results, including any Action Level exceedances; and xii. A description of actions taken in response to any Action Level exceedances.		
l)	Option 1: A summary of activities conducted in accordance with the approved **Waste Management Plan**, referred to in Part G, Condition x of this Licence, including: i. A summary of approved updates or changes to the process or facilities required for the management of Waste; ii. Monthly and annual quantities, in cubic metres, of all solid Waste discharged, identified by location; iii. Monthly and annual quantities, in cubic metres, of all liquid Waste discharged, identified by location; iv. Monthly and annual quantities, in cubic metres, of hazardous Waste generated and removed; v. Monthly and annual quantities, in cubic metres, of Sewage solids removed from the [enter facility name], identified by disposal location; vi. Monthly elevations in metres of the [enter facility name]; and vii. A map depicting the location of the sumps. OR		Option 1: will be used in most cases. Option 2: will be used for simple Waste Management Plans or if no Plan is required (i.e., small operations or community municipal licences, respectively).

	Condition	Rationale	Notes on Proposed Changes
	Option 2: The monthly and annual quantities, in cubic metres, of each and all Waste Discharges, and deposits to Waste Disposal Facilities, identified by location;		
m)	Monthly and annual quantities in cubic metres of all Sewage and solid Waste deposited into the Waste Disposal Facilities by commercial and industrial operators working outside the municipal boundaries of the [enter community name];		Municipal licences only.
n)	Monthly and annual quantities in cubic metres of Waste removed from the [insert facility name], identified by disposal location;		Municipal licences only. Waste removed can include materials from the landfill that are shipped to another disposal facility.
o)	A summary of sludge management activities including results of depth and volume measurements, sludge removal and treatment;		Municipal licences only.
p)	A summary of activities undertaken to install and maintain fencing at the Waste Disposal Facilities;		Municipal licences only.
q)	A summary of activities conducted in accordance with the approved [enter plan name: **Tailings or Processed Kimberlite Management Plan**], referred to in Part G, Condition x of this Licence: i. A summary of approved updates or changes to the process or facilities required for the management of [enter: Tailings or Processed Kimberlite]; ii. Monthly and annual quantities, in cubic metres and tonnes, of [enter Waste type, such as Tailings, Processed Kimberlite, slurry] placed in [enter facility name]; iii. The [enter size/height/depth/area] of the [enter facility name]; iv. A summary and interpretation of monitoring results, including any Action Level exceedances; and v. A description of actions taken in response to any Action Level exceedances.		Information requirements in this list will be included as appropriate for the project and the requirements of the management plan.
r)	A summary of activities conducted in accordance with the approved **Waste Rock Management Plan**, required in Part G, Condition x of this Licence: i. A summary of approved updates or changes to the process or facilities required for the management of Waste Rock;		Information requirements in this list will be included as appropriate for the project and the requirements of the management plan.

	Condition	Rationale	Notes on Proposed Changes
	ii. Monthly and annual quantities, in cubic metres and tonnes, of each type of Waste Rock placed in [enter facility name or construction use location], including a map or diagram of the locations and types of Waste Rock deposited; iii. The [enter size/height/depth/area] of the [enter facility name]; iv. A summary and interpretation of monitoring results, including any Action Level exceedances; and v. A description of actions taken in response to any Action Level exceedances.		
s)	A summary of activities conducted in accordance with the approved **Geochemical Characterization and Management Plan**, referred to in Part G, Condition X, including: i. A summary of approved updates or changes to the processes for characterizing and managing [enter Acid Rock Drainage and/or Metal Leaching]; ii. A comparison of the annual quantities of each type of Waste Rock generated to the quantities predicted in the approved Geochemical Characterization and Management Plan; iii. A summary and interpretation of results from the geochemical monitoring performed under the approved Geochemical Characterization and Management Plan; iv. A summary and interpretation of results from seepage monitoring performed under the approved Geochemical Characterization and Management Plan, including: a. a site map with Seepage locations; b. comparisons to reference locations; c. an analysis of major trends over the year and since Project inception; d. ~~the quality assurance and quality control procedures used~~; and e. a summary of recommendations for future Seepage monitoring and/or management actions; v. A summary of results from investigations or activities related to field test cells; vi. A summary and interpretation of Water quality monitoring results for each of the main source areas [enter list of potential ARD sources used in predictions] and how these compare to predicted values;		Projects with ARD/metal leaching potential only. Item (s)(iv)(d) has been removed, because the QA/QC procedures should be described and approved in the Plan itself and do not need to be reiterated here. Item (s)(ix) has been removed, because geochemical inspection reports must be submitted separately under Part G and will be available on the public registry.

	Condition	Rationale	Notes on Proposed Changes
	vii. A summary of any exceedances of the Action Levels described in the Geochemical Characterization and Management Plan; and viii. A description of actions taken in response to any Action Level exceedances under the Geochemical Characterization and Management Plan. ix. ~~Any geochemical inspection reports from the preceding year, as appendices.~~		
t)	A summary of activities conducted in accordance with the approved **Hydrocarbon-Contaminated Soil Treatment Facility** [**enter: Management or Operations and Maintenance**] **Plan**, referred to in Part G, Condition x of this Licence, including: i. A summary of approved updates or changes to the process or facilities required for the management of hydrocarbon-contaminated soil; ii. Monthly and annual quantities, in cubic metres, of all Effluent discharged from the Facility, ~~and a description of how this material was managed~~; iii. Monthly and annual quantities, in cubic metres, of contaminated materials including soil, rock, water, snow, and ice placed in the Facility; OR A summary of contaminated materials accepted into the Facility, including: a. soil, rock, snow, ice, and water; b. Sources of materials; c. Volume and type of material accepted from each source; d. Analytical results for each type of material from each source; iv. A summary of treated soil removed from the Facility, including: a. Volume of soil; b. Analytical results, including soil chemistry and soil particle size; c. The locations and land use activity of the receiving sites; v. A summary of how the contaminated soil was managed during the previous calendar year, including relevant operational details and methods and dates of soil tilling; and vi. Record of inspections of the Hydrocarbon-Contaminated Soil Treatment Facility.		Usually only used for remediation projects or commercial soil treatment facilities. If a soil treatment facility is used in other types of projects, it may be included in a Waste Management Plan. Part of Condition (t)(ii) has been removed, because the description of how effluent is managed should be described and approved through the Plan itself. In Condition (t)(iii), the first option is for a project-specific soil treatment facility, and the second option is for a commercial facility. Condition (t)(iv-vi) are for commercial soil treatment facilities.

	Condition	Rationale	Notes on Proposed Changes
u)	Option 1: A summary of activities conducted in accordance with the approved **Erosion and Sedimentation Management Plan**, referred to in Part G, Condition X of this Licence, including: i. A summary of approved updates or changes to the process or facilities required for the management of erosion and sedimentation; ii. A description of any erosion susceptible areas encountered; iii. A summary of activities undertaken to prevent or mitigate erosion; iv. A report of the performance of mitigations applied to each area; v. A summary and interpretation of monitoring results, including any Action Level exceedances; and vi. A description of actions taken in response to any Action Level exceedances. OR Option 2: A description of any erosion susceptible areas encountered and a summary of activities to prevent or mitigate erosion; A report of the performance of erosion mitigations applied in previous years;		Option 1: will be used if an Erosion and Sediment Management Plan is required. Option 2: if no Plan is required, the two conditions in the second option will be used (e.g., small operations).
v)	~~A summary of approved revisions to the [enter: list plans] during the year being reported;~~		Removed, since this requirement is covered under information requirements for each individual plan.
w)	A summary of the results and any actions taken as a result of the following inspections: i. inspections conducted to fulfill Part X of this Licence; ii. inspections conducted under the [enter plan or manual name], required under Part X of this Licence; and iii. Dam Safety Reviews conducted as required in Part X of this Licence; ~~The results of inspections conducted as required in Part X;~~		A summary is required rather than results, because the full results should be submitted in inspection reports as required by separate licence conditions. The list will be customized to reflect the types of inspections that should be summarized, which may be important for larger licences with many types of inspections.
x)	A summary of monitoring results and any Action Level exceedances as per the approved [enter name of monitoring plan], required in Part X, Condition y of this Licence;		Does not include AEMP, since there is a separate AEMP Annual Report.

	Condition	Rationale	Notes on Proposed Changes
y)	A summary of activities conducted in accordance with the approved Spill Contingency Plan, required in Part I, Condition x of this Licence, including: i. A list and description for all Unauthorized Discharges, including the date, NWT spill number, volume, location, summary of the circumstances and follow-up actions taken, and status (i.e. open or closed), in accordance with the reporting requirements in Part I, Condition X of this Licence; and ii. An outline of any spill training ~~and communications exercises~~ carried out.		Communications exercises have been removed, because they are not described in INAC's Guidelines, and it is not clear what is expected.
z)	Option 1: A summary of any Closure and Reclamation work completed. ~~during the year and an outline of any work anticipated for the next year~~; OR Option 2: A summary of activities conducted in accordance with the [enter: **Remedial Action Plan or Closure and Reclamation Plan**], required in Part J, Condition x of this Licence, including: i. Details of any Remediation/Progressive Reclamation undertaken; ii. A discussion on whether planning and implementation remains on schedule, and a summary of any new scheduling setbacks; iii. A summary of Reclamation Research completed; iv. A summary of engagement conducted regarding Closure and Reclamation; v. A list of any factors that would increase or decrease the Closure Cost Estimate the next time the Estimate is updated; and vi. [enter a list of any specific information required]~~; and~~ vii. ~~An outline of anticipated activities for the next year~~;		The first option will be used when there is no CRP or Remedial Action Plan required (i.e., small projects), and the second option will be used when a CRP and/or Remedial Action Plan is required. The Annual CRP Progress Report will no longer be a separate requirement, so the information requirements are now included here. Some of the Annual CRP Progress Report information requirements set out in the Guidelines are not included here, or are only partially included, because they are forward-looking or are captured under other new/revised requirements above.
aa)	Option 1: Tabular summaries of all data and information generated under the SNP annexed to this Licence and graphical summaries of parameters with EQC referred to in Part G, Condition x, at the points of compliance (SNP Stations XXX), in Excel format. ~~or an electronic and printed format acceptable to the Board~~. ~~The Licensee shall provide raw data in electronic form to the Board upon request~~;		The first option will be used when there are EQC set out in the licence; the second option will be used when there are no EQC. The explicit requirement for raw data has been removed, because it is now required with all data submissions in

	Condition	Rationale	Notes on Proposed Changes
	OR Option 2: Tabular summaries of all data and information generated under the SNP annexed to this Licence, in Excel format. ~~or an electronic and printed format acceptable to the Board. The Licensee shall provide raw data in electronic form to the Board upon request~~;		accordance with the MVLWB *Document Submission Standards.*
bb)	A list of any non-compliance(s) with the conditions of this Licence or any directive from the Board pursuant to the conditions of this Licence;		This links back to the new general condition in Part B (NOTIFICATION – NON-COMPLIANCE), requiring notification of non-compliance. The intent is to assist staff and the Inspector in assessing compliance.
cc)	A summary of actions taken to address concerns, non-conformances, or deficiencies in any reports filed by an Inspector;		
dd)	~~A progress report on any studies or plans requested by the Board and undertaken during the previous calendar year, and a brief description of any future studies planned by the Licensee;~~		This item is not necessary. If an additional study or plan is requested by the Board (outside of special studies associated with a management or monitoring plan), it should be captured through a licence update or amendment, and should be added as line item in the Annual Report schedule at that time. Any other scenarios can be captured under the 'any other information' item below (Condition (gg)).
ee)	~~A list of submissions made to the Board;~~		This item is unnecessary. Reviewers can sign up for notifications on the ORS, and quarterly notifications of submissions for each licence are also sent out, which will allow staff and reviewers to confirm that all requirements are being met.
ff)	A table detailing all commitments related to Water use and the deposit of Waste made during the [enter as appropriate: Environmental Assessment/Environmental Impact Review], with descriptions of how each commitment is being or has been met; and		
gg)	Any other details requested by the Board by [enter date] of the year being reported.		

Schedule H: Conditions Applying to Aquatic Effects Monitoring Program

Due to the development of the MVLWB/GNWT *Guidelines for Aquatic Effects Monitoring Programs*, most of the previous schedule conditions for this Section of the licence are no longer required. A schedule condition for the AEMP Annual Report has been maintained, because there are a number of information items for this Report that are not explicitly set out in the Guidelines. For some projects, other schedule conditions may be added to reflect project-specific information requirements for any submissions required under Part H.

	Condition	Rationale	Notes on Proposed Changes
2.	The **AEMP Annual Report** referred to in Part H, condition X of this Licence shall include, but not be limited to, the following:	This condition details the information, analysis, and evaluation that must be presented in an AEMP Annual Report. Further information is available in the MVLWB/GNWT *Guidelines for Aquatic Effects Monitoring Programs*. If changes to the AEMP Design Plan are recommended as part of this Report, they should not be implemented until they are incorporated into the Design Plan as directed and approved by the Board.	
a)	A plain language summary and interpretation of the major results obtained in the preceding calendar year;		
b)	A summary of activities conducted under the AEMP;		
c)	A summary of any spills, activities, or other considerations within the report time frame that could influence the results of the AEMP; ~~An update of the Project development activities and any accidents, malfunctions, or spills within the report time frame that could influence the results of the AEMP;~~		This condition was revised to use common licence language and to capture any potential influences outside of the project (e.g. weather events or other projects). This information requirement is not specified in the Guidelines.
d)	Tabular summaries of all data and information generated under the AEMP, in Excel format ~~in an electronic and printed format acceptable to the Board~~;		Updated to specify preferred format, which is not set out the Guidelines.
e)	~~Raw data in Excel format~~;		This condition is no longer needed. Raw data is now required with all data submissions in accordance with the MVLWB *Document Submission Standards.*
f)	An interpretation of the results, including an evaluation of any identified environmental effects that occurred as a result of the Project;		

	Condition	Rationale	Notes on Proposed Changes
g)	A comparison of predicted mixing and dilution of Effluent in [enter name of Watercourse] in comparison to monitoring data;		This information requirement is not specified in the Guidelines.
h)	An analysis that integrates the results of individual monitoring components collected in a calendar year and describes the ecological significance of the results;		The integration component of this information requirement is not covered in the Guidelines.
i)	A comparison of monitoring results to Action Levels as defined in the approved **AEMP Design Plan**;		
j)	~~An evaluation of the overall effectiveness of the AEMP to date;~~		This assessment has been moved to the AEMP Re-evaluation Report.
k)	For any low Action Level exceedances, a summary of the nature and extent of the exceedance, as well as a description of actions in response to the exceedance;		Added to reflect the new Guidelines.
l)	An evaluation of any adaptive management response actions implemented;		This information requirement is not specified in the Guidelines and has not commonly been required in the past; however, this evaluation would be useful for all projects.
m)	Recommendations, with rationale, for changes to any aspect of the **AEMP Design Plan**; and		This condition has been maintained, though proposed changes to the Design Plan itself are not actually approved through this Report. This Report contains the evaluation and supporting data to present the recommendations, so it is appropriate to include them here. The Guidelines are clear on how changes to the Design Plan are approved, and decision letters for this Report will be clear on how and when the recommendations should be incorporated into a revised Design Plan and implemented.
n)	Any other information specified in the approved **AEMP Design Plan**.		

Schedule J: Conditions Applying to Closure and Reclamation

This Schedule was drafted based on the information requirements set out in the MVLWB/AANDC *Guidelines for the Closure and Reclamation of Advanced Mineral Exploration and Mine Sites in the Northwest Territories*, and information requirements set out in the most recently-issued licences. Note that not all licences will include these Schedule items.

	Condition	Rationale	Notes on Proposed Changes
3.	The **Closure and Reclamation Plan** referred to in Part J, Condition x of this Licence shall include, but not be limited to the following information:	This condition details the information requirements for CRPs for small projects. For consistency across all projects, the information requirements are summarized from the MVLWB/AANDC *Guidelines for the Closure and Reclamation of Advanced Mineral Exploration and Mine Sites in the Northwest Territories*; however, the list may be refined to reflect the size and nature of the project, and information gathered during the regulatory process.	This condition will only be used for small projects (excluding municipal licences), where the Board's Guidelines are too complex and detailed, and where the definition for the CRP does not reference the Guidelines.
a)	A plain language summary of the Plan;		
b)	A description of the overall goals for Closure and Reclamation of the Project, including expected future land use;		
c)	A description of the Closure and Reclamation planning team;		
d)	A description of engagement related to Closure and Reclamation planning, including a summary of completed and planned engagement, and links to the **Engagement Plan** referred to in Part B, Condition x for the Project;		
e)	A list of any other regulatory instruments required for Closure and Reclamation of the Project;		
f)	A description of the pre-existing and current Project environment, including, but not limited to: i. climatic conditions; ii. physical conditions; iii. chemical conditions; iv. biological conditions; v. any physical or chemical assessments of soil, water, and permafrost; and vi. traditional uses.		
g)	A description of the Project, including, but not limited to: i. site history; ii. Project development; iii. current status of the Project; iv. maps delineating all disturbed areas, borrow material locations, site facilities, hydrological features, and elevation contours; and v. photographs.		
h)	A description of each Project component, including, but not limited to:		

	Condition	Rationale	Notes on Proposed Changes
	i. [enter list of components]; ii. areas affected by spills or Unauthorized Discharges; and iii. other areas affected by Project activities.		
i)	Option 1: For each Project component identified in condition (h) above, a description of Closure and Reclamation plans, including, but not limited to: i. Closure Objectives and Criteria; ii. preferred Closure and Reclamation option and method; iii. design drawings, signed and stamped by a Professional Engineer, for any Engineered Structures; iv. Water management and restoration of natural drainage; v. predicted environmental effects during and after Closure and Reclamation activities; vi. post-closure monitoring, maintenance, and reporting; vii. uncertainties and contingencies; viii. climate change considerations; and ix. Closure and Reclamation Research plans OR Option 2: For the Project site, a description of Closure and Reclamation plans, including, but not limited to: i. Closure Objectives and Criteria; ii. preferred Closure and Reclamation option and method for each Project component identified in condition (h) above; iii. design drawings, signed and stamped by a Professional Engineer, for any Engineered structures; iv. Water management and restoration of natural drainage; v. predicted environmental effects during and after Closure and Reclamation activities; vi. post-closure monitoring, maintenance, and reporting; vii. uncertainties and contingencies; viii. climate change considerations; and ix. Closure and Reclamation Research plans.		The first option will be used when the project components have different closure objectives and criteria; the second option will be used when the same closure objectives and criteria can be applied to the whole site.
j)	A description of any planned Progressive Reclamation;		

	Condition	Rationale	Notes on Proposed Changes
k)	A plan for Temporary Closure, including, but not limited to the following information: i. Temporary Closure goals and objectives; ii. a description of activities and methods; iii. a description of monitoring, maintenance, and reporting; iv. contingencies; and v. an implementation schedule.		This condition includes an implementation schedule, rather than a schedule for the entirety of a temporary closure, since the closure might be unanticipated, and the timeline might be unknown. It would be most important for the Board to know in advance how long it would take to implement the proposed closure activities. For oil and gas, this would include suspensions of activities.
l)	An implementation schedule that includes Progressive Reclamation and final Closure and Reclamation activities; and		
m)	A Closure Cost Estimate.		

	Condition	Rationale	Notes on Proposed Changes
4.	Option 1: The component-specific **Closure and Reclamation Plan** referred to in Part J, Condition x shall include, but not be limited to, the applicable contents of Tables 8.1 and 8.2 of Environment and Climate Change Canada's *Solid Waste Management for Northern and Remote Communities: Planning and Technical Guidance Document*. OR Option 2: The component-specific **Closure and Reclamation Plan** referred to in Part J, Condition x of this Licence shall include, but not be limited to, the following information:	This condition details the information requirements for component-specific CRPs. The information requirements are consistent with MVLWB/AANDC *Guidelines for the Closure and Reclamation of Advanced Mineral Exploration and Mine Sites in the Northwest Territories*. Component-specific CRPs must be focused	Option 1: will be used for municipal licences. Option 2: will be used for other licences where component-specific CRPs are required. The information requirements in this condition are consistent with the general requirements for a CRP, but the Guidelines do not set out specific information requirements for component-specific CRPs.
a)	A plain language summary of the Plan;		
b)	A description of the overall goals for closure and Reclamation of the Project, including expected future land use;		
c)	A description of engagement related to Closure and Reclamation planning for the Project component, including a summary of completed and planned engagement, and links to the **Engagement Plan** referred to in Part B, Condition x for the Project;		

	Condition	Rationale	Notes on Proposed Changes
		on the information relevant to the component being closed, but must also be consistent with the overall CRP for the site.	
d)	A description of the pre-existing and current Project environment as it relates to the Project component, including, but not limited to: i. climatic conditions; ii. physical conditions; iii. chemical conditions; iv. biological conditions; v. any physical or chemical assessments of soil, water, and permafrost; and vi. traditional uses.		
e)	A description of the Project, including, but not limited to: i. site history; ii. Project development; and iii. current status of the Project.		
f)	A description of the Project component being closed, including, but not limited to: i. purpose, development, history, and current status; ii. maps and elevation contours; iii. photographs; iv. a summary of inspections and any other assessments; v. a summary of monitoring results; and vi. a summary of any non-compliance events.		
g)	For the Project component being closed, a description of Closure and Reclamation plans, including, but not limited to: i. Closure Objectives and Criteria; ii. Closure and Reclamation options and selected closure activity; iii. design drawings, signed and stamped by a Professional Engineer, for any Engineered Structures; iv. Water management and restoration of natural drainage; v. predicted environmental effects during and after Closure and Reclamation activities; vi. post-closure monitoring, maintenance, and reporting; vii. uncertainties and contingencies; viii. climate change considerations; ix. Closure and Reclamation Research plans; and x. a description of how Closure and Reclamation of the component relates to the Closure and Reclamation Plan for the Project.		

	Condition	Rationale	Notes on Proposed Changes
h)	An implementation schedule; and		
i)	A revised/updated Closure Cost Estimate.		Closure of a specific component could affect the closure cost estimate for the entire site, so this should be an updated estimate for the project.

	Condition	Rationale	Notes on Proposed Changes
5.	The **Reclamation Research Report** Referred to in Part J, Condition x of this Licence shall include, but not be limited to, the following information for each Reclamation Research plan identified in the **Closure and Reclamation Plan**:	This condition details the information requirements for Reclamation Research Report.	
a)	A plain language summary of the results, and a plain language interpretation of the significance of the results;		
b)	A discussion of whether Reclamation Research planning and implementation remains on schedule;		
c)	Analysis and interpretation of the data collected during the reporting period and to date;		
d)	An explanation of the significance of the results for Closure and Reclamation planning;		
e)	Reclamation Research data for the reporting period; and		
f)	An evaluation of the effectiveness of the Reclamation Research plan.		

	Condition	Rationale	Notes on Proposed Changes
6.	The **Post-Closure and Reclamation Monitoring and Maintenance Plan** referred to in Part J, Condition x of this Licence shall include, but not be limited to the following information:		The information requirements for this Plan will be developed at a later date.