

Section	Condition	Sub-condition	Condition ID	Condition Details	Decision Record (ver. 2)	S@RA Permit	Indigenous Consultation Record	Responsibility	Add to Schd 3?	Confirm included in Schd 3 (incl. in ss165)	Notes
10.1 Gen	1		10.1 Gen -1-	The Project will conform to MOTI's Standard Specifications for Highway Construction, Section 165, Specifications for Protection of the Environment, unless otherwise stated in the Special Provisions of the tender package.				Contractor	yes	yes	
10.1 Gen	2		10.1 Gen -2-	The Contractor will be required to prepare a Construction Environmental Management Plan (CEMP). The CEMP will be developed in accordance with industry best practices and will comply with all applicable federal and provincial legislation. The CEMP will include, but is not limited to:	yes, see section 8 in the Decision Record		yes	Contractor	yes	yes	Draft EMP exists in the Parks Canada BIA
10.1 Gen	2	a	10.1 Gen -2-a	An Access Plan that will identify access routes, type of equipment used for various construction phases, and lay down areas in order to prevent/minimize disturbance to vegetation and soils. Lay down areas will occur on paved and/or hardened surfaces. <b>See also 10.3 Equip-2- and 10.5 Soils-2- through 5- Crossover with Traffic Control Plan 10.14 Access-1-</b>				Contractor	yes	yes	This differs from the Traffic Control Plan, but has some cross-over.
10.1 Gen	2	b	10.1 Gen -2-b	Details on how the work limits will be marked and what procedures will be employed to ensure work outside these limits does not occur and to ensure that the environment is not impacted or damaged by workers or construction equipment beyond the work limits. <b>See also 10.9 Vegetation-1-</b>				Contractor	yes	yes	
10.1 Gen	2	c	10.1 Gen -2-c	An Erosion and Sediment Control Plan (ESCP) to prevent erosion and minimize sediment mobilization at the Project site. The ESCP will outline appropriate erosion and sediment control measures for the site and include a plan for dewatering, if required. <b>See 10.5 Soils-11-</b>				Contractor	yes	yes	
10.1 Gen	2	d	10.1 Gen -2-d	A Spill Response Plan that will detail the containment, storage, security, handling and use of deleterious materials, disposal of empty containers, surplus product or waste generated in the application of these products. The Spill Response Plan will include a list of products and materials to be used or brought to the work site that are considered or defined as hazardous or toxic to the environment. <b>See also 10.7 Paving-8-</b>				Contractor	yes	yes	
10.1 Gen	2	e	10.1 Gen -2-e	An Emergency Response Plan that outlines procedures to follow in the case of an emergency (e.g., wildlife encounter, equipment malfunction/failure, fire or blasting incident).				Contractor	yes	yes	
10.1 Gen	2	f	10.1 Gen -2-f	A Fire Prevention Plan which describes the fire prevention equipment (fire extinguishers etc.) and procedures on site in the event of a fire.				Contractor	yes	yes	
10.1 Gen	2	g	10.1 Gen -2-g	A Reclamation Plan that outlines the vegetation species and restoration methods to be used to restore disturbed areas. <b>See also 10.9 Vegetation-15-</b>	yes, see section 8 in the Decision Record			Designer?	yes	?	is this in schd. 7 instead?
10.1 Gen	2	h	10.1 Gen -2-h	Descriptions and photo keys of species at risk (vegetation and wildlife) with moderate or greater potential to occur at the site (see Table 7.1 and Table 7.2) so that all personnel can identify species. If a species at risk is encountered, all work will stop, and the EM will be contacted. <b>See also 10.9 Vegetation -3-</b>				Contractor	yes	yes	note, the Ausenco draft CEMP (for advance (april) tree clearing has a photo and description log that could be provided.
10.1 Gen	3		10.1 Gen -3-	On-site monitoring is a key component of ensuring that the mitigations provided in this document and in the CEMP are implemented properly (e.g., appropriate location and correct installation) and function as intended. An appropriately qualified professional (AQP) will be retained as the Environmental Monitor (EM) to provide guidance on implementing the recommended measures and, if necessary, to develop additional mitigation measures if the need arises. The Contractor is responsible for undertaking environmental monitoring and follow up reporting of remediation works such that criteria in Parks Canada Approvals and the CEMP are being adhered to. For this Project full-time environmental monitoring by the EM is likely not necessary based on the observed site conditions and on the proposed Project works. On-site personnel can monitor the site daily, and the EM carry out inspections at regular intervals (as agreed upon by MOTI, Parks Canada, and the EM) as well as additional inspections in advance of predicted rainy periods, during heavy rains, and during key phases of site preparation and construction.	yes, mentioned throughout			Contractor	yes	yes	
10.1 Gen	4		10.1 Gen -4-	The EM will have the authority to halt any work that does not comply with regulatory requirements or causes adverse environmental impacts. Failure to comply with or observe environmental protection procedures may result in the work being suspended pending rectification of the problems. <b>See 10.5 Soils-13-</b>				Contractor	yes	yes	
10.1 Gen	5		10.1 Gen -5-	All Project works will be conducted in accordance with all applicable legislation, regulations and/or approvals including, but not limited to, the Fisheries Act, Migratory Birds Convention Act, Species at Risk Act and Canada National Parks Act. Project activities are not anticipated to contravene any of these acts if appropriate mitigation is applied.	yes			MoTI		yes	See Decision Record which specifically notes the need for (and approval of) and adherence to a S@RA s.79 permit.
10.1 Gen	6		10.1 Gen -6-	The Contractor must obtain all necessary permits prior to the commencement of Project activities (e.g., permits to salvage and relocate fish/wildlife).	yes, see 10.11 Wildlife 14a and 14b			MoTI	yes	yes	
10.1 Gen	7		10.1 Gen -7-	It is expected that all staff and contractors will understand and comply with all National Park regulations while conducting activities within GINPR.				Contractor	yes	yes	
			10.1 Gen -X-	All businesses working on the project must have GINPR business licences - available from Parks Canada	Yes, see section 2 in the Decision Record			MoTI	?	?	
10.2 Spill Mgmt Haz Mat	1		10.2 Spill Mgmt Haz Mat-1-	The CEMP will contain a section specific to Spill Management. Spill response plans will include spill prevention and spill reporting requirements along with step-by-step procedures for responding to potential spill incidents.				Contractor	yes	yes	
10.2 Spill Mgmt Haz Mat	2		10.2 Spill Mgmt Haz Mat-2-	All crew members on site will be briefed about the Spill Response Plan and made aware of the location and use of spill kits and containment devices.				Contractor	yes	yes	
10.2 Spill Mgmt Haz Mat	3		10.2 Spill Mgmt Haz Mat-3-	Appropriately sized and stocked spill kits will be on site and each piece of equipment. The kits will be suitable for the quantities and types of material in use and stored at the site. They will be capable of dealing with 110% of the largest potential spill. All staff will be aware of their location(s) on site and trained in spill response procedures.				Contractor	yes	yes	
10.2 Spill Mgmt Haz Mat	4		10.2 Spill Mgmt Haz Mat-4-	Stationary equipment will be placed within secondary containment capable of catching all of fluids in the event of a spill (e.g., place within a plastic or metal tray). Motorized equipment will be parked over a surface capable of containing leaks and minor spill (e.g., plywood, heavy plastic sheeting) or, at a minimum, parked over an impervious surface such as asphalt.				Contractor	yes	yes	
10.2 Spill Mgmt Haz Mat	5		10.2 Spill Mgmt Haz Mat-5-	Hydrocarbon and coolant storage, if required on site, will be within an impermeable containment facility capable of holding 110% of the storage tank contents. This may be achieved through the use of double-walled storage tanks or constructing a containment berm out of durable material. These containment basins will be inspected daily for leaks and wear points, kept clean and any measurable rainwater removed and disposed of appropriately. If practical, the containment area will be covered to prevent infilling with rainwater. Where leaks and/or wear points are found, they will be repaired promptly to restore full containment.				Contractor	yes	yes	
10.2 Spill Mgmt Haz Mat	6		10.2 Spill Mgmt Haz Mat-6-	Contractors will ensure that small containers (i.e., jerry cans) will be stored in a secure location, protected from weather. These containers must be designed solely for the purpose of storing and pouring fuel and will not be more than 5 years old. Containers must not leak and must be sealed with a proper fitting cap or lid.				Contractor	yes	yes	
10.2 Spill Mgmt Haz Mat	7		10.2 Spill Mgmt Haz Mat-7-	The refueling area (if one is required) will be located at least 30 m from any watercourse, if possible. A spill containment kit immediately accessible and personnel will be knowledgeable in its use.				Contractor	yes	yes	
10.2 Spill Mgmt Haz Mat	8		10.2 Spill Mgmt Haz Mat-8-	Two people will be present during refueling (one person conducting fueling/ready to stop spill source and one person ready to deploy spill containment).				Contractor	no	no	
10.2 Spill Mgmt Haz Mat	9		10.2 Spill Mgmt Haz Mat-9-	Hydraulic fluids for on-site equipment will be biodegradable in case of accidental loss of fluids.				Contractor	yes	yes, but only within watercourse areas	
10.2 Spill Mgmt Haz Mat	10		10.2 Spill Mgmt Haz Mat-10-	Hazardous materials must be labelled and disposed of according to the Workplace Hazardous Materials Information System criteria and the Transportation of Dangerous Goods (TDG) Regulations.				Contractor	yes	yes	
10.2 Spill Mgmt Haz Mat	11		10.2 Spill Mgmt Haz Mat-11-	A spill of reportable quantities to ground, or of any amount to water, of a substance that is toxic, polluting, or deleterious to life will be immediately reported to Emergency Management BC (EMBC) 24-hour phone line at 1-800-663-3456 and to Parks Canada Dispatch 1-877-852-3100 and the EM. <b>part of Spill Mgmt Plan, see 10.2 Spill Mgmt Haz Mat-1-</b>				Contractor	yes	yes	

10.3 Equip	1	10.3 Equip-1-	Equipment and machinery will be in good operating condition, clean (power washed), free of leaks, excess oil and grease and non-native plant species. Equipment leaking or producing excessive exhaust will be repaired or replaced. Any detected leaks from equipment on site will be addressed immediately and absorbent pads will be used under equipment with chronic leaks. Equipment stored overnight will be stored on tarps with appropriate containment if required.	Contractor	yes	yes	
10.3 Equip	2	10.3 Equip-2-	Machinery should be situated to minimize track movement. <b>Part of access management, see 10.1 Gen-2-a and 10.5 Soils-2- through 5-</b>	Contractor	yes	yes	
10.3 Equip	3	10.3 Equip-3-	Equipment servicing and maintenance will not occur on site.	Contractor	yes	yes	
10.3 Equip	4	10.3 Equip-4-	Refueling of equipment will occur on land at least 30 m from any watercourse, where possible. Where 30 m is not possible, a location as far as possible from the watercourse will be chosen. Topographic features and slope will be considered. The refueling area will have a spill containment kit immediately accessible and personnel will be knowledgeable in its use.	Contractor	yes	yes	
10.3 Equip	5	10.3 Equip-5-	Vehicles and equipment will be parked at least 10 m from any watercourse either on the road or on previously disturbed or hardened surfaces in order to avoid trampling roadside vegetation and compaction of soils.	Contractor	yes	yes	
10.4 AQ & Noise	1	10.4 AQ & Noise-1-	Dust-generating activities will be minimized as much as possible during windy periods.	Contractor	yes	yes	
10.4 AQ & Noise	2	10.4 AQ & Noise-2-	If dust suppression is necessary, water will be used in a controlled manner (to avoid sediment mobilization).	Contractor	yes	yes	
10.4 AQ & Noise	3	10.4 AQ & Noise-3-	For dust control from all Project activities, only water that is free of waste and organic matter will be used. Chemical dust suppressants will not be used unless directed otherwise by designated Parks Canada staff, in accordance with Parks Canada health and safety and environmental policies.	Contractor	yes	yes	
10.4 AQ & Noise	4	10.4 AQ & Noise-4-	No burning of oils, rubber, tires and any other material will take place on site.	Contractor	yes	yes	
10.4 AQ & Noise	5	10.4 AQ & Noise-5-	Stationary emission sources (e.g., portable diesel generators, compressors, etc.) will be used only as necessary. Equipment and vehicles will be turned off when not in active use to reduce noise and air pollution.	Contractor	yes	yes	
10.4 AQ & Noise	6	10.4 AQ & Noise-6-	All equipment, vehicles and stationary emission sources will be well-maintained and used at optimal loads to encourage minimal noise and air emissions. Stationary equipment will be located away from noise-sensitive areas.	Contractor	yes	yes	
10.4 AQ & Noise	7	10.4 AQ & Noise-7-	Noise attenuation devices provided with certain equipment or tools will be used.	Contractor	yes	yes	
10.4 AQ & Noise	8	10.4 AQ & Noise-8-	The Blaster of Record will ensure the blast zone is clear of people and wildlife prior to detonation. Materials to be blasted will be covered with suitable material (i.e., blast mats), if necessary, to control fly-rock.	Contractor	yes	yes	
10.4 AQ & Noise	9	10.4 AQ & Noise-9-	To minimize noise and dust generation, blasting activities will be conducted according to industry BMPs and tender specifications. Contractors will determine appropriate charge size, pattern design and spacing to create efficient blasting and minimize frequency/size of detonation while accomplishing the task.	Contractor	yes	yes	
10.4 AQ & Noise	10	10.4 AQ & Noise-10-	Blasting products that may produce high residual nitrogen concentrations (such as ammonium nitrate / fuel oil [ANFO]) will not be used, due to the potential production of toxic by-products (ammonia).	Contractor	yes	yes	
10.5 Soils	1	10.5 Soils-1-	Provide a briefing about the ESCP for all crew members on site and ensure they are aware of the mitigations.	Contractor	yes	yes	
10.5 Soils	2	10.5 Soils-2-	Existing access routes and storage sites will be utilized where possible. Previously disturbed and stable (hard surface) are preferable. <b>Part of access management, see 10.1 Gen-2-a and 10.3 Equip-3-</b>	Contractor	yes	yes	
10.5 Soils	3	10.5 Soils-3-	Minimize the movement of equipment by planning work and situating in locations to maximize efficiency. <b>Part of access management, see 10.1 Gen-2-a and 10.3 Equip-3-</b>	Contractor	yes	yes	
10.5 Soils	4	10.5 Soils-4-	Plan Project activities to minimize soil handling and limit equipment movement over exposed soils and steep or unstable slopes prone to erosion. <b>Part of access management, see 10.1 Gen-2-a and 10.3 Equip-3-</b>	Contractor	yes	yes	
10.5 Soils	5	10.5 Soils-5-	Limit access and movement to only necessary personnel and equipment. <b>Part of access management, see 10.1 Gen-2-a and 10.3 Equip-3-</b>	Contractor	yes	yes	
10.5 Soils	6	10.5 Soils-6-	Schedule earthworks for dry weather whenever possible and halting works during periods of inclement weather (e.g., significant wind or rain).	Contractor	yes	yes	
10.5 Soils	7	10.5 Soils-7-	Minimize the area of soil exposed at any one time by: phasing construction activities; retaining vegetation as much as possible; and, once construction works are completed, stabilize the exposed soils as soon as possible using temporary measures such as mulch, erosion sediment control blankets, hydroseeding, and/or plastic sheeting or planting long-term vegetation (if during the appropriate time of year).	Contractor	yes	yes	
10.5 Soils	8	10.5 Soils-8-	Use erosion and sediment control products, including backing, that are made of 100% biodegradable materials (e.g., jute, sisal or coir fiber) when possible. Erosion and sediment control products will be selected to reduce potential for wildlife entanglement/attraction and prevent introduction of invasive alien species.	Contractor	yes	yes	
10.5 Soils	9	10.5 Soils-9-	Avoid straw-based erosion control unless authorized by designated Parks Canada staff.	Contractor	yes	yes	
10.5 Soils	10	10.5 Soils-10-	The use of hay is not permitted due to risk of introducing invasive species.	Contractor	yes	yes	
10.5 Soils	11	10.5 Soils-11-	Erosion and sediment control measures, as described in the ESCP, should be installed prior to work starting and checked by the EM. Ensure additional erosion and sediment control materials are readily available on-site such as (but not limited to) rock, gravel, grass seed (mixture to be approved by Parks Canada and contain no invasive species), silt fencing, staking, polyethylene sheeting, etc. When significant rainfall is encountered, then additional measures may be required to minimize erosion and sedimentation potential. <b>See 10.1 Gen-2-c</b>	Contractor	yes	yes	
10.5 Soils	12	10.5 Soils-12-	Routinely inspect erosion and sediment control measures to ensure they are functioning as intended. <b>See 10.1 Gen-2-c</b>	Contractor	yes	yes	
10.5 Soils	13	10.5 Soils-13-	In the event of erosion and sediment control measure malfunction or of deleterious substance, including sediment, run off (current or impending), work shall stop until measures are adjusted to address the problem. <b>See 10.1 Gen -4-</b>	Contractor	yes	yes	
10.5 Soils	14	10.5 Soils-14-	Minimize the length of time soils are exposed and complete work in one area before commencing work in another area.	Contractor	yes	yes	
10.5 Soils	15	10.5 Soils-15-	If vegetation clearing is scheduled early due to restricted activity periods, maintain soil stability by delaying grubbing until just prior to construction activities.	Contractor	yes	yes	
10.5 Soils	16	10.5 Soils-16-	Store excavated material and debris in a stable area above the high-water mark or active floodplain and, where possible, 30 m from drainage features and/or the top of steep slopes.	Contractor	yes	yes	
10.5 Soils	17	10.5 Soils-17-	Protect excavated material from entering a waterbody (e.g., cover with erosion blankets or tarps, seed, or plant with native vegetation).	Contractor	yes	yes	
10.5 Soils	18	10.5 Soils-18-	Maintain effective sediment and erosion control measures until complete revegetation of disturbed areas is achieved unless directed otherwise by designated Parks Canada staff. <b>See 10.1 Gen-2-c</b>	Contractor	yes	yes	
10.5 Soils	19	10.5 Soils-19-	Implement Reclamation Plans for the disturbed area immediately following completion on construction. Long delays between vegetation removal and revegetation should be avoided. Revegetation in smaller phases should be considered to minimize soil exposure. <b>See also 10.1 Gen-2-b and 10.9 Vegetation-15-</b>	Contractor	yes	yes	
10.5 Soils	20	10.5 Soils-20-	Assess methods of bioengineering such as terracing, willow staking, or live pole drain systems where soils are steeper or remain unstable.	Designer	?	?	
10.5 Soils	21	10.5 Soils-21-	Avoid use of fertilizer to limit non-native vegetation growth and allow for local species to use available nutrients. Any use of compost, foreign soils, fertilizers, locally source mycorrhizae compost and soil amendments must be approved by designated Parks Canada staff.	Contractor	no	no	add to schedule 7?
10.5 Soils	22	10.5 Soils-22-	Place and grade topsoil before winter.	Contractor	yes	yes	
10.5 Soils	23	10.5 Soils-23-	Excavate, conserve, store and replace existing site topsoil unless otherwise directed by designated Parks Canada staff. Where possible, any backfill required during the project should reuse existing debris salvaged from other areas to reduce the possibility of the introduction of invasive species. Soil imports from other Project sites or outside of the protected heritage place is not generally recommended. However, if required, it must be approved by designated Parks Canada staff.	Contractor	yes	yes	

10.5 Soils	24		10.5 Soils-24-	Salvage site topsoil using a "two lift" method and store topsoil and subsoil separately for improved reclamation success.	Contractor	yes		
10.5 Soils	25		10.5 Soils-25-	Compact backfill or allow it to settle to prevent depressions.	Contractor	yes	yes	
10.5 Soils	26		10.5 Soils-26-	Replace topsoil to all areas immediately following fine grading. Unless otherwise directed, apply topsoil at a depth of 30- 50 mm, or at the depth of the original site conditions. Topsoil depths can be increased on gentler slopes and the surface should remain rough.	Contractor	yes	yes	
10.5 Soils	27		10.5 Soils-27-	Do not compact topsoil by driving repeatedly over the site. Keep topsoil "rough and loose" or as directed by designated Parks Canada staff.	Contractor	yes	yes	
10.5 Soils	28		10.5 Soils-28-	Where remaining soils are unstable due to steepness or soil characteristics, install erosion controls immediately or apply a hydraulic erosion control product to the target areas. <b>See also 10.1 Gen-2-c</b>	Contractor	yes	yes	
10.6 Staging & Laydown	1		10.6 Staging & Laydown-1-	Identify key contacts and their respective roles and responsibilities prior to work starting and communicate this to all on-site workers.	Contractor	yes	yes	
10.6 Staging & Laydown	2		10.6 Staging & Laydown-2-	Ensure all on-site staff attend a briefing with designated Parks Canada staff before beginning work at the site to review and explain mitigations.	Contractor	yes	ues	
10.6 Staging & Laydown	3		10.6 Staging & Laydown-3-	Delineate the work zone by clearly marking with stakes, flagging tape or other means to limit active construction and define access and egress locations. Remove completely when the Project is completed.	Contractor	yes	yes	
10.6 Staging & Laydown	4		10.6 Staging & Laydown-4-	Identify staging areas, material/equipment drop sites, and parking areas. Locate these areas within an existing disturbed footprint (e.g., roadways, gravel surface, previously disturbed areas with high resiliency) or other site as approved by designated Parks Canada staff.	Contractor	yes	yes	
10.6 Staging & Laydown	5		10.6 Staging & Laydown-5-	Use existing roadways, trails, identified disturbed areas or other areas as approved by designated Parks Canada staff for site access. <b>See also access plan 10.1 Gen-2-a and related conditions</b>	Contractor	yes	yes	
10.7 Paving	1		10.7 Paving-1-	Do not grade or allow material to spill outside of the delineated work area, within 1 m of the forest drip line, or in a stream, waterbody or wetland. Any material inadvertently falling outside the work limits will be removed promptly in a manner that does not damage vegetation or water quality.	Contractor	yes	yes	
10.7 Paving	2		10.7 Paving-2-	Avoid grading following seed set if it is likely to spread seeds of non-native vegetation.	Contractor	yes	yes	
10.7 Paving	3		10.7 Paving-3-	Paving should not be undertaken during steady rain to prevent entry of concrete, asphalt, or patching and sealing compounds directly or indirectly in water.	Contractor	yes	yes	
10.7 Paving	4		10.7 Paving-4-	Minimize changes to the surface that could negatively affect infiltration and runoff characteristics and maintain effective surface drainage to limit direct runoff into surface waters.	Contractor	yes	yes	
10.7 Paving	5		10.7 Paving-5-	Follow manufacturer guidelines and methods for proper use in the handling and application of sealants or other compounds.	Contractor	yes	yes	
10.7 Paving	6	6 a	10.7 Paving-6-	Minimize application of seal coats or tack in wet conditions:	Contractor	yes	yes	
10.7 Paving			10.7 Paving-6-a	Apply seal coats only to dry surfaces and not within 2 hr of rainfall	Contractor	yes	yes	
10.7 Paving		6 b	10.7 Paving-6-b	Apply tack coats only if no rain is expected prior to covering the tack-coated surface with asphalt. If unforeseen rain arrives ensure runoff from recently seal coated surfaces are prevented from entering surface waters.	Contractor	yes	yes	
10.7 Paving	7		10.7 Paving-7-	Undertake pavement marking pursuant to standard methods applied in the protected heritage place for control of paint products, both in transport and handling.	Contractor	yes	yes	
10.7 Paving	8		10.7 Paving-8-	A plan for the transport and control of paint and hazardous products (e.g., application of paint, cleaning of equipment, containment and disposal of waste paint and cleaning products) must be approved by designated Parks Canada staff. <b>See also 10.1 Gen-2-d</b>	Contractor	yes	yes	part of spill response planning?
10.8 Water & Fish	1		10.8 Water & Fish-1-	Although instream works are not currently part of design plans, any work conducted in or within 30 m of the unnamed watercourse will be conducted during the period of least risk timing, if possible, to protect fish and amphibians, including their eggs, juveniles, spawning adults, and/or the organisms upon which they feed. The reduced risk timing window for all species on Vancouver Island is June 15 to September 15. No fish sampling was conducted in the unnamed stream but given its steep slope and shallow depths it is unlikely that fish are present.	Contractor	yes	yes	must be addressed in the CEMP. Works are now planned in the 30m riparian area. All such works are in the existing roadway, and are not in PC jurisdiction. This is manageable in the CEMP.
10.8 Water & Fish	2		10.8 Water & Fish-2-	Minimize disturbance to riparian vegetation. Should vegetation that contributes to fish habitat be removed, restore the vegetation as soon as possible. The 30 m riparian zone of the unnamed watercourse should be visibly marked (e.g., flagging tape) to distinguish the environmentally sensitive area.	Contractor	yes	yes	
10.8 Water & Fish	3		10.8 Water & Fish-3-	Conduct blasting activities to meet or exceed the standards outlined in Department of Fisheries' and Ocean's (DFO's) "Guidelines for the Use of Explosives In or Near Canadian Fisheries Waters" (Wright and Hopky 1998)	Contractor	n.a.	no	no in-water blasting
10.8 Water & Fish	4		10.8 Water & Fish-4-	Maintain the natural hydrological regimes during all phases of activity where possible.	Contractor	yes	yes	
10.8 Water & Fish	5		10.8 Water & Fish-5-	Restore the natural hydrological regime after construction if it has been disturbed.	Contractor	yes	yes	
10.9 Vegetation	1		10.9 Vegetation-1-	Minimize vegetation clearing or disturbance as much as possible. The area(s) to be cleared will be clearly marked with highly visible materials (i.e., flagging tape, snow fencing) to ensure equipment operators are aware of the area they are to work in. <b>See also 10.1 Gen-2-b</b>	Contractor	yes	yes	
10.9 Vegetation	2		10.9 Vegetation-2-	A vegetation species at risk survey is not recommended as no species were determined to have a high potential for occurrence. However, the EM may conduct a modified "intuitive meander" survey prior to vegetation disturbance as a part of their routine site inspections (e.g., the EM traverses the area to be cleared for a presence/no-detection type survey, focusing on high-value habitats for the vegetation species listed with moderate or greater potential, as per Table 7.1).	Contractor	yes	no	probably not necessary. Extensive wildlife surveys have been conducted - limited vegetation diversity in most of the area. PC have conducted plant salvages (April 2023)
10.9 Vegetation	3		10.9 Vegetation-3-	The CEMP will include identification/photo keys of species with moderate or greater potential to occur at the site (see Table 7.1). If a provincially or federally protected species is encountered, work will immediately stop and the EM will be informed. The EM will determine the appropriate course of action in consultation with Parks Canada. <b>See also 10.1 Gen-2-h</b>	Contractor	yes	yes	Supplied to MoT1 in May 2023 by Ausenco
10.9 Vegetation	4		10.9 Vegetation-4-	Do not clear vegetation during high or extreme fire weather index without the approval of designated Parks Canada staff. Work may be delayed to prevent risk of wildfire.	Contractor	yes	yes	
10.9 Vegetation	5		10.9 Vegetation-5-	Equipment operators will work carefully to ensure they do not cause mechanical damage to trees and other vegetation outside the designated clearing area.	Contractor	yes	yes	
10.9 Vegetation	6		10.9 Vegetation-6-	Protect roots of trees to drip line to prevent disturbance or damage. Avoid traffic, dumping and storage of materials over the root zone.	Contractor	yes	yes	
10.9 Vegetation	7		10.9 Vegetation-7-	When felling trees, take precautions to minimize damage to surrounding vegetation.	Contractor	yes	yes	
10.9 Vegetation	8		10.9 Vegetation-8-	Avoid felling mature trees (diameter at breast height (DBH) >30 cm) where possible.	Contractor	yes	yes	
10.9 Vegetation	9		10.9 Vegetation-9-	Mark danger trees and clearly establish "no-work" zones.	Contractor	yes	yes	
10.9 Vegetation	10		10.9 Vegetation-10-	Adhere to all federal and provincial policies with regards to the transport of wood beyond park boundaries.	Contractor	yes	yes	
10.9 Vegetation	11		10.9 Vegetation-11-	Set aside logs for use elsewhere if directed by the designated Parks Canada staff.	Contractor	yes	yes	
10.9 Vegetation	12		10.9 Vegetation-12-	Vegetation debris shall not be disposed of in waterbodies.	Contractor	yes	yes	
10.9 Vegetation	13		10.9 Vegetation-13-	Remove all vegetation debris as soon as possible from the work site, either by transporting off-site for disposal or as directed by the designated Parks Canada staff.	Contractor	yes	yes	
10.9 Vegetation	14		10.9 Vegetation-14-	Convey logs and other salvage materials to storage sites without spreading debris or damaging standing trees or other features outside the marked clearing or storage limits. Do not skid material through wetlands, waterways or water bodies.	Contractor	yes	yes	
10.9 Vegetation	15		10.9 Vegetation-15-	Minimize bare soil exposure (e.g., cover stockpiled material with tarps, plant locally occurring native species, cover with clean natural mulch/ground coverings) and restore all temporarily disturbed areas as quickly as possible to discourage invasive plants from establishing. The CEMP will contain a Reclamation Plan that includes a list of native plants/seeds to be used (to be approved by MOTI and Parks Canada) as well as a description of the planting densities, methods etc. to be used, as appropriate for the species selected. <b>See also 10. Gen-2-b</b>	Designer	yes	yes	yes, see section 8 in the Decision Record

10.9 Vegetation	16	10.9 Vegetation-16-	Unless otherwise directed, seed certificates must include both the common and scientific name following the CANADENSYS nomenclature system; indicate if the seed is a cultivar, ecovar, or wild native species; geographic origin (seed source); date of collection; method of seed storage; germination, viability and vigour; and indicate all other species occurring including agronomic, weed, and native species; and date of the analysis. The contact information for the Seed Supplier shall be included.	part of Reclamation Plan, see 10.9 Vegetation-15-		Contractor	yes	sch. 7	
10.9 Vegetation	17	10.9 Vegetation-17-	Broadcast seeding is the preferred method of seeding native seeds, where terrain and soil conditions permit.	part of Reclamation Plan, see 10.9 Vegetation-15-		Contractor	yes	sch. 7	
10.9 Vegetation	18	10.9 Vegetation-18-	Schedule construction so that seedings or planting can coincide with seasonal planting windows (i.e., spring or fall)	part of Reclamation Plan, see 10.9 Vegetation-15-		Contractor	yes	sch. 7	
10.9 Vegetation	19	10.9 Vegetation-19-	Where possible, salvage of native plants is preferred over purchase of commercial plugs or container stock.	part of Reclamation Plan, see 10.9 Vegetation-15-		Designer / Contract ?		sch. 7	
10.9 Vegetation	20	10.9 Vegetation-20-	Do not perform seeding under adverse field conditions such as frozen soils, excessively wet or dry soil, ice or standing water, heavy rain, or high winds.			Contractor	yes	sch. 7	
10.9 Vegetation	21	10.9 Vegetation-21-	Apply seed at a rate appropriate to the seed mixture, seeding method and existing vegetation conditions or as directed by the designated Parks Canada staff.	part of Reclamation Plan, see 10.9 Vegetation-15-		Contractor	yes	sch. 7	
10.9 Vegetation	22	10.9 Vegetation-22-	Do not seed on hardened (compacted), crusted or mechanically rutted surfaces.	part of Reclamation Plan, see 10.9 Vegetation-15-		Contractor	yes	sch. 7	
10.9 Vegetation	23	10.9 Vegetation-23-	Following broadcast seeding, rake soil to set seed in place and reduce foraging; this may be completed by hand or light harrow for larger areas	part of Reclamation Plan, see 10.9 Vegetation-15-		Contractor	yes	sch. 7	
10.9 Vegetation	24	10.9 Vegetation-24-	Protect seeded area against erosion or damage as appropriate for the specific site (e.g., erosion control blanket, hydro-mulching, mulching).	part of Reclamation Plan, see 10.9 Vegetation-15-		Contractor	yes	sch. 7	
10.9 Vegetation	25	10.9 Vegetation-25-	Some seeding procedures may have to be completed or repeated in subsequent years as per the Reclamation Plan (i.e., an 80% survival rate must be maintained for a period of 5 years).	part of Reclamation Plan, see 10.9 Vegetation-15-		Contractor	yes	sch. 7	
10.9 Vegetation	26	10.9 Vegetation-26-	In cases where mulching is necessary to assist with seed establishment, apply it immediately after seeding.	part of Reclamation Plan, see 10.9 Vegetation-15-		Contractor	yes	sch. 7	
10.9 Vegetation	27	10.9 Vegetation-27-	Mulch or chip vegetation only where the quantity of mulch will not cover underlying vegetation, prevent new native seedlings from sprouting, or cause soil or seed bank sterilization. Approval from designated Parks Canada staff for mulching/chipping will be determined based on reclamation objectives, non-native vegetation, and fire hazard mitigations.	part of Reclamation Plan, see 10.9 Vegetation-15-		Contractor	yes	sch. 7	
10.9 Vegetation	28	10.9 Vegetation-28-	Ensure live plants (e.g., transplants, plugs, container stock) are watered-in well and receive sufficient moisture until established, and through any periods of extended drought. Provide regular watering unless there is sufficient rainfall.	part of Reclamation Plan, see 10.9 Vegetation-15-		Contractor	yes	sch. 7	
10.9 Vegetation	29	10.9 Vegetation-29-	Schedule site inspections to monitor reclamation progress for an appropriate timeframe following construction to ensure establishment of vegetation. A 5-year monitoring period is recommended to ensure there is 80% survival rate. The contractor will be responsible for undertaking environmental monitoring and follow up reporting of remediation works for 1-year post-construction. MOTI will conduct annual monitoring for the following 4 years. In the event that 80% survival is not achieved, the reclamation plantings will be replaced.	part of Reclamation Plan, see 10.9 Vegetation-15-					
10.9 Vegetation	30	10.9 Vegetation-30-	Obtain a Tree Removal Permit for the removal of all trees within GINPR administered land, <b>See also 10.11 Wildlife -6-</b>	yes, see section 8 in the Decision Record		MoTI / Contractor	yes	sch. 7	
10.9 Vegetation	31	10.9 Vegetation-31-	Erect a felled log as a vertical roosting habitat feature (potential future roost site) as part of project delivery		yes	MOTI?	note tree removal permit and restricted activity permit - do we need these?		
10.10 Invasives	1	10.10 Invasives-1-	Develop an appropriate approach to mitigate the establishment and/or spread of invasive alien species (IAS) on the site.			Contractor	yes	yes	part of invasive species plan
10.10 Invasives	2	10.10 Invasives-2-	Train employees on identification, safe removal, and disposal of invasive and noxious weeds.			Contractor	yes	yes	part of invasive species plan
10.10 Invasives	3	10.10 Invasives-3-	Wash all construction equipment from outside the Parks Canada protected heritage place prior to arrival to minimize risk of introducing IAS, noxious weeds and soils from off-site. Proof that equipment was washed outside the protected heritage place may be requested before equipment is permitted into the protected heritage place.			Contractor	yes	yes	part of invasive species plan
10.10 Invasives	4	10.10 Invasives-4-	Control IAS in parking or staging areas as needed to reduce the spread of invasive plants or seeds.			Contractor	yes	yes	part of invasive species plan
10.10 Invasives	5	10.10 Invasives-5-	Work in uninfested sites before moving to infested sites.			Contractor	yes	yes	part of invasive species plan
10.10 Invasives	6	10.10 Invasives-6-	Ensure machinery already in the protected heritage place is in a clean condition and maintained free of IAS before moving to new sites, within or beyond the protected heritage place.			Contractor	yes	yes	part of invasive species plan
10.10 Invasives	7	10.10 Invasives-7-	Use caution during loading of trucks and transport of any IAS and plant materials to minimize loss of materials (e.g., cover materials during transport).			Contractor	yes	yes	part of invasive species plan
10.10 Invasives	8	10.10 Invasives-8-	Avoid mowing invasive plants after seed set if it is likely to spread seeds of non-native vegetation.			Contractor	yes	yes	part of invasive species plan
10.10 Invasives	9	10.10 Invasives-9-	Soil, gravel, erosion and sediment control products or other applicable materials shall not be imported from outside the protected heritage place without approval from the designated Parks Canada staff.			MoTI	no	no	get blanket approval in advance of construction? seems very restrictive for a construction project.
10.10 Invasives	10	10.10 Invasives-10-	Minimize ground disturbance, vegetation removal and bare soil exposure (e.g., cover stockpiled material with tarps, plant seeds or plants, cover with natural mulch/ground coverings).			Contractor	yes	yes	part of invasive species plan
10.10 Invasives	11	10.10 Invasives-11-	Use clean fill (i.e., fresh crushed) to minimize potential introduction of invasive plants. Where possible, utilize materials salvaged from other areas of the site as fill.			Contractor	yes	yes	part of invasive species plan
10.11 Wildlife	1	10.11 Wildlife-1-	The use of pesticides, herbicides or toxic fertilizer-based blasting products are strictly prohibited in GINPR. Schedule work (i.e., vegetation clearing and blasting) to avoid sensitive wildlife periods (nesting, hibernation, breeding, etc.) as shown in Table 10.1. (see BIA)	See s.5 of Decision Record		Contractor	yes	yes	part of invasive species plan
10.11 Wildlife	2	10.11 Wildlife-2-a	Where activities are required to occur within sensitive wildlife periods an AQP will be required to assess the complexity of habitat, species presence, timing, and nature of work to determine if activities can be permitted without harm to sensitive wildlife.			MoTI	yes	yes	changes to project schedule adhere to this commitment
10.11 Wildlife	2	10.11 Wildlife-2-b	The AQP will develop a site-specific plan in consultation with Parks Canada and in accordance acceptable guidelines (e.g., Environment and Climate Change Canada (ECCC) and DRAFT - Conservation Measures to Minimize Impacts to Migratory Birds During the Nesting Period (Parks Canada 2021)).	See s.8 of Decision Record - bird survey protocol required.		MoTI	yes	yes	allows some flexibility to permit the snake salvage and subsequent (and within bird breeding season) tree felling
10.11 Wildlife	3	10.11 Wildlife-3-	Avoid vegetation removal that will affect trees used by birds (both migratory and non-migratory) and other wildlife (e.g., bats), while they are breeding, nesting, roosting, or rearing young. <b>See also condition 10.11-9-</b>			Contractor	yes	yes	Sent for PC review on 19 May
10.11 Wildlife	3 a	10.11 Wildlife-3-a	Environment Canada's General Regional Nesting Period for Vancouver Island, Zone A1 is approximately March 26 to August 9 (Government of Canada 2018; see figure in Section 9.6.1).			see above	n.a.	no	Advisory, not a commitment
10.11 Wildlife	3 b	10.11 Wildlife-3-b	Section 34 of the provincial Wildlife Act specifically protects the nests of Eagles, Peregrine Falcons, Gyrfalcons, Osprey, Herons, and Burrowing Owls year-round. (also see 10.11 Wildlife-5- for condition to survey for these species)			see above	n.a.	no	Advisory, not a commitment
10.11 Wildlife	3 c	10.11 Wildlife-3-c	The maternity period for bats when non-volant pups may be present in tree roosts typically occurs from early May to late August (BC Ministry of Environment 2016b).			see above	n.a.	no	Advisory, not a commitment
10.11 Wildlife	4	10.11 Wildlife-4-	If blasting or vegetation clearing is required during a sensitive period, a pre-disturbance survey must be conducted by an AQP to identify any breeding, nesting, roosting or rearing birds or any hibernating, roosting or maternal bats, and determine species-specific BMPs. Pre-disturbance migratory bird surveys will be conducted in accordance with Appendix 2: Breeding Activity Survey Guidance, provided in DRAFT - Conservation Measures to Minimize Impacts to Migratory Birds During the Nesting Period (Parks Canada 2021). Pre-disturbance bat survey methodology should be developed by an AQP but should generally follow the guidelines provided in Inventory Methods for Bats (MELP 1998). <b>See also condition 10.11-3-</b>	Reclamation commitments on high-risk activities (i.e. tree clearing and blasting of a volume that could cause incidental take) must occur outside of the breeding bird window for the region, tree clearing in early-mid March to April and blasting during April to early August. (section 5 of Decision Statement)		Contractor	yes	yes	See Decision Record. Note follow-up S@R memo send to PC on 12 May



10.11 Wildlife	5	10.11 Wildlife-5-	A pre-disturbance survey for nests of bird species protected year-round by the BC Wildlife Act should be conducted (e.g., stick nest surveys for bald eagles).	MoTI	yes	yes	Note follow-up S@R memo send to PC on 12 May. Also see Bird Survey Protocol.
10.11 Wildlife	6	10.11 Wildlife-6-	In addition to conducting a pre-disturbance nest survey, trees felled during the nesting period may require a Restricted Activity Permit (RAP) from Parks Canada. The Contractor will consult with Parks Canada to determine the need for and specific requirements of a RAP. <b>See also 10.9 Vegetation -30- (bottom of table)</b>	MoTI	yes	yes	Unclear if this is needed with the new (august) tree clearing schedule.
10.11 Wildlife	7	10.11 Wildlife-7-	If a nest or breeding activity is identified during the survey, the area must be left undisturbed with a suitably sized buffer. The size of the buffer will be established by the AQP, will be dependent on the site-specific conditions and will conform to the guidance provided in DRAFT - Conservation Measures to Minimize Impacts to Migratory Birds During the Nesting Period (Parks Canada 2021). The buffer will be maintained until the young have permanently left the vicinity of the nest. "Vicinity" will be defined by the AQP according to site- and species-specific conditions. The limits of the buffer will be flagged to clearly identify the area, especially in the direction of approaching construction activities.				Responsibility depends on timing. Also see Bird Survey Protocol.
10.11 Wildlife	8	10.11 Wildlife-8-	The Contractor or person with primary responsibility for the site, is responsible to notify all personnel, including any sub-contractors, of the buffer zone, conduct activities as directed to minimize disturbance, and remain outside of its boundaries.	Contractor	yes		
10.11 Wildlife	9	10.11 Wildlife-9-	Continuous construction noise greater than 50 dB and sudden noise inside the no disturbance buffer for migratory and at-risk bird nests (as determined by the AQP) will be avoided during the breeding and nesting season. This will be subject to assessment and determination of the AQP based on site specific conditions and individual species response. <b>See also condition 10.11-3-</b>	Contractor	yes	yes	avoided with the new construction schedule
10.11 Wildlife	10	10.11 Wildlife-10-	If high impact construction activities cannot avoid the bat maternity period, then the AQP will develop a site-specific noise monitoring plan to monitor construction and ambient noise levels at potential bat receptors (e.g., dead or decaying large diameter tree(s), or bat roost boxes or manmade structures with evidence of bat use) in the vicinity of the high impact activity, if these features are present.	Contractor	yes	yes	
10.11 Wildlife	11	10.11 Wildlife-11-	If bat maternity roosts are identify, blast monitoring will be conducted to ensure a sound concussion of less than 150 dB and shock wave is less than 15 p.s.i and the peak particle velocity is less than 15 mm/second during the bat maternity period. If this is not achievable, the EM will establish a setback of 2 kilometres from occupied significant roost sites (BC MoE 2016b).	Contractor	yes	yes	no bat roosts identified - see S@R report sent to PC in May 2023
10.11 Wildlife	12	10.11 Wildlife-12-	The EM will monitor the area during construction to confirm the established buffer zone is effective. If there is evidence that buffer is ineffective (e.g., continued agitation/guarding behaviour, frequently leaving the nest) work must stop immediately and the buffer zone adjusted by the AQP. The buffer zone can only be removed upon confirmation from the EM and/or AQP that young have left the nest.	Contractor	yes	yes	
10.11 Wildlife	13	10.11 Wildlife-13-	Where catchment ditch clearing or relocation is required, an AQP will inspect ditches with water for breeding amphibians. Schedule such clearing activities to avoid sedimentation during periods where larvae or eggs may be destroyed. If a salvage is required, a salvage protocol will be submitted and approved by Parks Canada and the salvage will be conducted by an AQP. The AQP is responsible for obtaining the appropriate permits (e.g., Amphibian salvage requires a General Wildlife Permit, issued through FrontCounter BC's Natural Resource Online Services).	Contractor	yes	yes	not needed / done during snake salvages - reported in S@R memo
10.11 Wildlife	14	10.11 Wildlife-14-	Amphibians and snakes may be present in rotting stumps / nurse logs. The EM will inspect rotting stumps/nurse logs prior to removal for presence of amphibians and snakes. Salvage will be conducted as needed. If a salvage is required, a salvage protocol will be submitted and approved by Parks Canada and the salvage will be conducted by an AQP.	Contractor	yes	yes	Note follow-up S@R memo send to PC on 12 May
10.11 Wildlife	14 a	10.11 Wildlife-14-a	A SARA Permit is required to authorize an activity affecting a listed wildlife species, any part of its critical habitat, or the residences of its individuals. Permits are required by those persons conducting activities affecting species listed on Schedule 1 of SARA as Extirpated, Endangered, or Threatened. Because common sharp-tailed snake (listed as endangered) a SARA Permit to authorize salvage is required.	Contractor	yes	yes	Note follow-up S@R memo send to PC on 12 May
10.11 Wildlife	14 b	10.11 Wildlife-14-b	Salvage and relocation of wildlife species not covered in a SARA permit requires a General Wildlife Permit, issued through FrontCounter BC's Natural Resources Online Services.	Contractor	yes	yes	
10.11 Wildlife	15	10.11 Wildlife-15-	Avoid felling wildlife trees. Leave snags and cavity trees in place during clearing activities as they provide nesting habitat.	Contractor	yes	yes	Reporting is required in Dec. 2023
10.11 Wildlife	16	10.11 Wildlife-16-	When feasible, remove hazard trees outside of the nesting period. If this is not possible due to safety reasons, consider limbing the tree and leaving the trunk or park of the trunk for wildlife use.	Designer / Contract	yes	yes	See revegetation section.
10.11 Wildlife	17	10.11 Wildlife-17-	Limit construction activities to the time between dawn and dusk to avoid the illumination of adjacent habitat. If construction timing restrictions are not possible:	Contractor	yes	yes	See least risk windows
10.11 Wildlife	17 a	10.11 Wildlife-17-a	Use directional lighting to avoid light trespass into bird habitat.	Contractor	yes	yes	
10.11 Wildlife	17 b	10.11 Wildlife-17-b	Preferably use low intensity energy saving lighting and consider use of motion or heat sensors to minimize illumination.	Contractor	yes	yes	
10.11 Wildlife	17 c	10.11 Wildlife-17-c	Avoid use of bright white lights such as metal halide, halogen, fluorescent, mercury vapour and incandescent lamps (refer to the Parks Canada Guideline for the Protection of Dark Skies-Outdoor Lighting).	Contractor	yes	yes	
10.11 Wildlife	17 d	10.11 Wildlife-17-d	Use retro reflective materials for signage rather than active lighting where possible.	Contractor	yes	yes	
10.11 Wildlife	18	10.11 Wildlife-18-	Parks Canada will be notified immediately in the event of human-wildlife interactions, or activity or encounters with bears, cougars, or any species at risk. In the event of encounters with dens, litters, nests, carcasses (road kills), bear activity or wildlife encounters in or around the Project site, the EM and Departmental Representative will be immediately notified. Other wildlife related encounters will be reported within 24 hours. Provide training for site personnel and subcontractor in reporting procedures of incidental wildlife observations and techniques for avoiding interactions with wildlife.	Contractor	yes	yes	
10.11 Wildlife	19	10.11 Wildlife-19-	Feeding, harassment or destruction of any wildlife is strictly prohibited.	Contractor	yes	yes	
10.11 Wildlife	20	10.11 Wildlife-20-	Wildlife encountered at or near the Project site will be allowed to passively disperse without undue harassment. Because of the potential for an encountered snake or amphibian species at risk (i.e., sharp-tailed snake, northern red-legged frog), notify the EM and delay work until advised otherwise.	Contractor	yes	yes	
10.11 Wildlife	21	10.11 Wildlife-21-	Store all food, food waste, fuels, oils, lubricants, sanitary waste, and other wildlife attractants in sealed containers. Avoid mixing food waste with construction waste; collect waste regularly for regular off-site disposal. <b>See 10.12 Site Hygiene-3- and 10.12 Site Hygiene-5-</b>	Contractor	yes	yes	
10.11 Wildlife	22	10.11 Wildlife-22-	Install wildlife crossing/roadkill prevention signage and other traffic calming measures (i.e., reduce speed signs, speed bumps, etc.) to inform visitors to reduce speed and mitigate the potential for roadkill.	Designer	yes	yes	
10.11 Wildlife	23	10.11 Wildlife-23-	Prior to blasting, "sweep" the work area and maintain a continuous watch for wildlife that may be present. If wildlife is present, stop work until the wildlife have passed through the area and/or have been hazed out of the area by the EM, representative of Parks Canada or appropriately qualified biologist. The sweep will be done as soon before blasting and as close to the blasting as can be safely achieved. Binoculars will be used where needed.	Contractor	yes	yes	
10.11 Wildlife	24	10.11 Wildlife-24-	Minimize the time excavations remain open. Slope the sides to no greater than 1:1 and ensure that wildlife and humans can safely exit it. Cover or fence smaller excavations when left unattended to reduce the potential for wildlife injury.	Contractor	yes	yes	
10.12 Site Hygiene	1	10.12 Site Hygiene-1-	Clean tools and equipment outside of protected heritage places to prevent the release of wash water that may contain deleterious substances, unless otherwise directed by designated Parks Canada staff.	Contractor	yes	yes	

10.12 Site Hygiene	2	10.12 Site Hygiene-2-	Remove all salvageable, non-combustible and non-hazardous materials and reuse or recycle it to the greatest extent possible. <b>See 10.11 Wildlife-21-</b>	Contractor	yes	yes	
10.12 Site Hygiene	3	10.12 Site Hygiene-3-	Contain and remove all waste in a timely and approved manner and dispose of it at an approved disposal facility outside the protected heritage places unless otherwise directed. <b>See 10.11 Wildlife-21-</b>	Contractor	yes	yes	
10.12 Site Hygiene	4	10.12 Site Hygiene-4-	Empty construction waste storage containers when 90% full. Provide lids for waste containers, ensure they are wildlife proof if there are attractants, and cover waste loads during transport (including waste containers and truck loads). <b>See 10.11 Wildlife-21-</b>	Contractor	yes	yes	
10.12 Site Hygiene	5	10.12 Site Hygiene-5-	Separate on site any hazardous material and pollutants such as fuels and solvents. Dispose of contaminated materials at provincially or territorially certified disposal sites.	Contractor	yes	yes	
10.12 Site Hygiene	6	10.12 Site Hygiene-6-	If present, service portable sanitary facilities on a regular basis and dispose of accumulated waste at a sanitary waste disposal facility. Provide adequately sized portable facilities and manage them to ensure waste is not discharged to the environment.	Contractor	yes	yes	
10.12 Site Hygiene	7	10.12 Site Hygiene-7-	Collect waste materials created during the application or removal of protective coatings (e.g., sandblasting abrasives, paint particles, rust and grease) and retain them for disposal at appropriate locations.	Contractor	yes	yes	
10.13 Archaeology	1	10.13 Archaeology-1-	Work with a Cultural Resource Management Advisor and specialists (e.g., archaeologists) to assess the impact of the work/Project to cultural resources and on cultural landscapes or character-defining views and identify necessary mitigation measures.	MoTI	complete		Patrick Dolan confirms this is done (email 10 Jan 23)
10.13 Archaeology	2	10.13 Archaeology-2-	Cultural Resource Identification may be necessary for resources that have the potential to be cultural resources but have not been evaluated yet.	MoTI	complete		Patrick Dolan confirms the field inspection met this condition (email 10 Jan 23)
10.13 Archaeology	3	10.13 Archaeology-3-	Work with a Parks Canada archaeologist to compare excavation plans to local archaeological resource inventories if available.	MoTI	complete		Patrick Dolan confirms the field inspection research meet this condition (email 10 Jan 23)
10.13 Archaeology	4	10.13 Archaeology-4-	Complete an Archaeological Impact Assessment (AIA) prior to construction commencing to inform mitigation measures.	MoTI	complete		Patrick Dolan confirms the field inspection met this condition (email 10 Jan 23)
10.13 Archaeology	5	10.13 Archaeology-5-	Develop and implement an Archaeological Accidental Finds Protocol or utilize the protocol developed by GINPR.	MoTI	maybe		MoTI to refine their current chance find document - see P Dolan email 10 Jan 23
10.13 Archaeology	6	10.13 Archaeology-6-	Should the Project be redesigned to impact lands not inspected during the field program, additional archaeological studies may be required prior to construction.	Contractor	no	no	not needed - covered by BIA approvals
10.13 Archaeology	7	10.13 Archaeology-7-	Have cultural monitors present during any ground disturbance activities. Presence of cultural monitors will be coordinated by MOTI.	MoTI	complete		Note variance in wording "Cultural monitors from a several of the nations will be required to be on site during project activities" and <b>[add date]</b> relaxation of this requirement from Parks Canada.
10.13 Archaeology	8	10.13 Archaeology-8-	If previously unknown artifacts or features are encountered, cease work in the immediate area, and notify the EM who will make appropriate notifications. Should the Accidental Find occur within GINPR, Parks Canada's Terrestrial Archaeology Section (PCTAR) will be notified. The PCTAR will provide advice and assessment of significance that will in turn determine what will be required to mitigate the chance find. The CRM Advisor at GINPR will also be notified of any Accidental Finds in the park reserve. Leave artifacts in place until a Parks Canada archaeologist and/or CRM staff has been consulted.				
10.14 Access	1	10.14 Access-1-	Continuously review and update the "Traffic Control Plan" to reflect the current stage of construction. <b>See 10.1 Gen-2-a</b>	Contractor	yes		
10.14 Access	2	10.14 Access-2-	Canal Road and Mount Norman Access Road will remain open throughout the Project, but lane closures and traffic control will be required. Provide measures for protection and diversion of traffic including provision of flagpersons, erection of barricades, erection of warning and directional signage (i.e., posted speed limits, speed bumps, etc.).	Contractor	yes		Clarified with Parks Canada that the current one-lane road will remain open, BUT from time to time the single lane will need to be closed. The 24-hour notification for such closures <b>(10.14 Access-3-)</b> will be adhered to.
10.14 Access	3	10.14 Access-3-	Provide a minimum of 24 hours notification for any lane closures.	Contractor	yes		
10.14 Access	4	10.14 Access-4-	Maintain access to property and trail head on Mount Norman Access Road, including overhead clearances for use by emergency response vehicles.	Contractor	yes		