

SCHEDULE 1
OSE STANDARD CONDITION TEMPLATE

A. Core Administrative Clauses

Definitions

- 001 All definitions in the Public Lands Act, RSA 2000, c P-40 and regulations apply except where expressly defined in this Disposition.
- “Activity” means the construction, operation, use and reclamation for which this Disposition has been issued as referred to on the first page of this Disposition.
- “Disposition” means this disposition, granted pursuant to the Act, which includes this document in its entirety, including all recitals, appendices and schedules;
- “Disposition Holder” means the person, organization or entity referred to as such on the first page of this Disposition.
- "Lands" means that portion of Public Lands as identified in the approved Plan which forms part of this Disposition;
- “Regulation” means all regulations, as amended, under the Act
- “Regulatory Body” means the Department of Environment and Parks or the Alberta Energy Regulator;
- “Term” means the period of time referred to in section 5 of this Disposition.

Grant of Disposition

- 002 The Regulatory Body issues this Disposition to the Disposition Holder in accordance with section 15 of the Act subject to the terms and conditions contained in this Disposition.
- 003 The Disposition Holder must only enter, occupy and use the Lands for the purpose* and activity as referred to as such in Addendum 2 of this authorization.
- 004 Notwithstanding any references in this Disposition, the Act, or the Regulation, this Disposition is not intended to be, nor shall it be interpreted as or deemed to be a lease of real property at common law.

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Term

005 The term of this Disposition is the period of time commencing on the Effective Date and ending on the Expiry Date, unless otherwise changed in accordance with the Act and Regulations.

Disposition Fees and Other Financial Obligations

006 The Disposition Holder must pay all fees, rents, charges, security and other amounts payable in accordance with the Act and Regulations.

007 The Disposition Holder must pay as they become due and payable, any tax, rent, rate or assessment that is duly assessed and charged against the Disposition Holder, including but not limited to property taxes and local improvement charges with respect to the municipality in which the Lands are located. Notwithstanding that this Disposition has expired, the Disposition Holder remains liable for the amount of the rent, property taxes and local improvement charges.

008 The Disposition Holder must pay all costs to the appropriate service provider or to the Regulatory Body charges with respect to the supply and consumption of any utility services and the disposal of garbage.

Compliance

009 The Disposition Holder must obtain federal, provincial, municipal, and other permits and approvals, as applicable, with respect to activities that may take place on the Lands.

Condition of Lands

010 The Disposition Holder accepts the Lands on an “as is” basis.

Improvements to the Lands

011 The Lands and buildings, structures and equipment erected thereon must only be used by the Disposition Holder for the activity by this Disposition.

Impact on Other Disposition Holders

012 The Disposition Holder is responsible for damage to improvements or to the lands on which prior rights have been issued, including damage to traps, snares or other improvements.

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013 The Disposition Holder is required to contact the registered trapper(s) identified on an Activity Standing Search Report by registered mail at least ten days prior to commencing the activity

Province's Use of the Lands

014 The Province may reconstruct, expand or alter its facilities on the Lands in any manner. The Disposition Holder must, if directed by the Regulatory Body, relocate the Disposition Holder's improvements at the Disposition Holder's expense in order to facilitate reconstruction, expansion alteration or removal and reclamation of the Province's facilities.

015 The Disposition Holder acknowledges that: a) the Regulatory Body may issue additional dispositions to any person authorizing that person to enter onto, use and occupy the Lands for various purposes* including, but not limited to, the extraction and removal of merchantable resources, or to conduct development, including, but not limited to mineral resource development; b) the Regulatory Body retains revenues from such additional dispositions; and c) the Disposition Holder is not entitled to any reduction in its fees, rents, charges or other amounts payable on the basis that additional dispositions relating to the Lands have been issued.

Assignment, Subletting and Encumbrances

016 The Disposition Holder must not:

- a) Permit any builder's liens or other liens for labour or material relating to work to remain filed against the Lands; or
- b) Register, cause or allow to be registered, or permit to remain registered any caveat or encumbrance against the title to the Lands, without first obtaining the prior written consent of the Province, which may be arbitrarily withheld.

Default and Termination

017 The Regulatory Body may cancel this Disposition immediately if:

- a) a creditor lawfully seizes any of the Disposition Holder's property on the Land;
- b) the Disposition Holder is adjudged bankrupt or makes a general assignment for the benefit of creditors;

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- c) a receiver of any type is appointed for the Disposition Holder's affairs;
- d) in the Regulatory Body's opinion, the Disposition Holder is insolvent.

019 The Regulatory Body may, upon written notice to the Disposition Holder of not less than 60 days, cancel this Disposition or withdraw any part of the Lands from this Disposition as is necessary to construct works, including but not limited to banks, drains, dams, ditches, canals, turnouts, weirs, spillways, roads or other structures necessary or incidental to those works.

Indemnification and Limitation of Liability

020 The Disposition Holder indemnifies and holds harmless the Province and the Regulatory Body, its employees, and agents against and from all actions, claims, demands, or costs (including legal costs on a solicitor-client basis) to the extent arising from:

- a) the Disposition Holder's breach of this Disposition, or
- b) any actions or omissions, negligence, other tortious act, or willful misconduct of the Disposition Holder, or of those for whom the Disposition Holder is legally responsible, in relation to the exercise of the rights, powers, privileges or duties under this Disposition.

021 The Disposition Holder is not entitled to any damages, costs, losses, disbursements, or compensation whatsoever from the Province or the Regulatory Body, regardless of the cause or reason therefore, on account of:

- a) partial or total failure of, damage caused by, lessening of the supply of, or stoppage of utility services or any other service;
- b) the relocation of facilities or any loss or damage resulting from flooding or water management activities;
- c) the relocation of facilities or any loss or damage resulting from wildfire or wildfire management activities;
- d) any damage or annoyance arising from any acts, omissions, or negligence of owners, occupants, or tenants of adjacent* or contiguous property; or
- e) the making of alterations, repairs, improvements or structural changes to the utility services, if any, anywhere on or about the Lands provided the same, must be made with reasonable expedition.

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Insurance

022 The Disposition Holder must at all times during the Term, at its own expense and without limiting the Disposition Holder's liabilities insure its Activities conducted on the Lands as follows:

a) General insurance in an amount not less than \$2,000,000 inclusive per occurrence, insuring against bodily injury, personal injury, and property damage including loss of use.

b) Automobile liability insurance on all vehicles owned, operated or licensed in the name of the Disposition Holder and used on or taken onto the Lands or used in carrying out the Activities authorized under this Disposition in an amount not less than \$2,000,000;

c) Forest fire fighting expense endorsement coverage in an amount not less than \$250,000

d) Such additional insurance in an amount and of a type as directed in writing by the Regulatory Body

023 The Disposition Holder must, on request of the Regulatory Body, provide the Regulatory Body with of a detailed certificate of insurance, and a copy of each required insurance policy.

024 The Disposition Holder must have each insurance policy required under this Disposition endorsed to provide the Regulatory Body with at least 30 days advance written notice of cancellation or material change.

Notices

025 The Disposition Holder must maintain current contact information with the Regulatory Body.

General

026 The Disposition Holder must contact the Regulatory Body:

a) within 72 hours of commencing the activity; and

b) prior to any additional construction during the term of this authority.

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- 027 The Disposition holder shall comply with the application, including but not limited to, the commitments made in the application.
- 030 The Regulatory Body may, upon its own initiative, cancel, suspend or amend the disposition at any time, to the extent authorized to do so by the applicable legislation.

B. Core Operating Clauses

Land Management

- 1000-AS The Disposition Holder must locate minimum of 80% of the linear activity adjoining existing occupied linear dispositions within 250 metres of the proposed activity.
- 1001-AS The Disposition Holder must ensure access development is not created within 400 metres of
- a) already existing parallel access; or
 - b) surveyed road allowance, unless use of the surveyed road allowance results in greater disturbance based on road length, width or municipal construction requirements.
- 1002-AS The Disposition Holder must locate and adjoin the activity to unoccupied, existing disturbances* that are within 250 metres of the proposed disposition boundary, regardless of quarter or section lines, or adjoin to existing occupied dispositions or existing linear disturbances* that are within 250 metres of the proposed disposition boundary, regardless of quarter or section lines.
- 1003-AS The Disposition Holder must not construct access to a greater road class than the road class of the existing access route from which they originate or branch off from.
- 1019-AS The Disposition Holder must construct the site where the combined maximum of cut and fill must not exceed an elevation difference of 10 metres in height.
- 1030-AS Where an Integrated Resource Plan or a Reservation/ Protective Notation identifies a greater set back, the greater set back will prevail.

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- 1031-AS Where a Higher Level Plan* exists, the Disposition Holder must follow any direction provided within that plan.
- 1033-AS With the exception of pipelines, for activities that fall within any Protective Notation (PNT) lands with a purpose code 400 Series encompassing a section of land (259 hectares) or less, located in the Provincial White Area, the Disposition Holder must construct all activities within lands previously disturbed or cleared. Where no previous disturbance exists, activities must occur within 100 metres of the PNT.
- 1037 Where access control* is required, the Disposition Holder must report to the Regulatory Body immediately if the access control* is ineffective at preventing unauthorized access.
- 1038 When gates are used for access control*, the Disposition Holder must ensure:
- a) gates remain closed and locked at all times except to allow for the passage of an authorized vehicle;
 - b) the Regulatory Body's and authorized users of the access are notified of all combination or keyed locks and;
 - c) where keyed locks are utilized, a double locking method must be implemented by the disposition holder to provide a means of access to multiple authorized users including the regulatory body.
- 1040 The Disposition Holder must repair or replace any improvements immediately that were damaged as a result of the Activity on the Lands to pre-existing dispositions to the pre-existing condition. Damages to tame pastures must be repaired within one growing season.
- 1041 The Disposition Holder must maintain proper drainage of surface water.
- 1043 For activities that occur on Canadian Forces Bases, the Disposition Holder must coordinate all activities through Energy Industry Control at (780) 842-5850 for activity on Canadian Forces Base/Area Support Unit, Wainwright, and (780) 573-7206 for activity on Canadian Forces Base/Area Support Unit, Cold Lake.

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- 1044-AS The Disposition Holder must not locate activities within 45 metres from the top of any coulees* with the exception of activities such as; access, pipelines and linear easements crossing those features.
- 1049 The Disposition Holder must remove all garbage and waste material from this site.
- 1050 The Disposition Holder must ensure any wildlife attractant* remaining on site overnight is placed in secure bear resistant containers and ensure that these containers are emptied on a regular basis to avoid excess garbage being present on the land or when the Disposition Holder will be off the land for more than two days.
- 1053 The Disposition Holder must not enter the boundaries of any research or sample plot unless consent is received from the reservation holder.
- 1054-AS When proposed activities cross designated or recreation trail(s)* or when operations encroach on those trail(s)*, the Disposition Holder must ensure that:
- a) activities crossing trails* are constructed in a manner that will not remove snow from the trail(s)*, produce ruts in the trail(s)*, or otherwise adversely affect travel;
 - b) no mechanical equipment is permitted to travel along the trail(s)* and;
 - c) warning signs are posted along trail(s)* during construction and reclamation activities advising trail* users of the upcoming crossing location.
- 1061 Where FireSmart activities are considered, the Disposition Holder must follow Information Letter- "Authorization of FireSmart Activities on Public Land" as amended from time to time.
- 1105-AS When new cut access exceeds 200m in length the disposition holder must eliminate a continuous line of site within 200m of intersecting all existing linear feature equal to or greater than 6m in width.
- 1106-AS The Disposition Holder must have sumps approved under a Mineral Surface Lease (MSL) prior to commencement of operations.

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- 1107-AS The Disposition Holder must conduct all activities utilizing minimal disturbance construction practices* other than for the immediate area of corehole centre required for drilling operations.
- 1108-AS [For Caribou Range and/or Key Wildlife Biodiversity Zone] The Disposition Holder must not construct access which are greater than 7 metres in width, with the following exceptions:
- a) Alternative access standards are specified in an approved higher level access plan.
- 1109-AS The Disposition Holder must construct oilsand exploration wellsites based on the following pad sizes:
- a) the total area allowed for the initial corehole is 0.56 hectares;
 - b) for the 2nd corehole up to an additional 0.10 hectares and;
 - c) for the 3rd corehole and any other subsequent corehole up to 0.05 hectares, for each additional corehole.
- 1110-AS To be approved directly with the Disposition, an incidental activity must:
- 1. Be clearly mapped on the application plan illustrating dimensions and;
 - 2. Be an allowable activity type and within the parameters described below:
 - a. log decks – that are:
 - i. < 0.18 hectares in size and;
 - ii. Located on average > 400 metres apart.
 - b. corner cuts – that are:
 - i. <.02 hectares in size in total per corner cut* and;
 - ii. not adjoining the corehole site.
 - c. water source locations – that are:
 - i. < 0.09 hectares and;
 - ii. not requiring new cut disturbance.
 - d. push outs – that are:

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- i. <.03 hectares in size and;
 - ii. located on average > 800 metres apart.
- e. crown swing area*
- i. <.03 hectares in size and;
 - ii. no understory vegetation or soil disturbance.

Vegetation

1300 The disposition holder must manage all regulated weeds to the satisfaction of the regulatory body.

1302 The Disposition Holder must remove all deciduous or coniferous merchantable timber from the Activity as per the following utilization standards;

- Deciduous Timber: 15 cm Base/10 cm Top
 - Coniferous Timber: 15 cm Base/11cm Top
- and haul said timber to the location of end use.

1303 The Disposition Holder must slash, limb and buck flat to the ground all woody debris* and leaning trees created by the activity.

1304 For fire control purposes on forested lands, the Disposition Holder must dispose of excess coarse woody debris* not utilized for rollback* or stockpiled for reclamation*.

1305 [For Community Protection Zone] Within FireSmart Community Zones*, the Disposition Holder must dispose of coarse woody debris* by burning unless a Debris Management Plan has been approved under the Forest and Prairie Protection Act.

Soil

1350-AS On areas where the Lands have permafrost, the Disposition Holder must ensure that the depth of permafrost is maintained to the same depth as the area immediately adjacent* to the lands.

1351-AS On areas where the Lands are permafrost, the Disposition Holder must not strip the surface.

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- 1353 [For Permafrost] In permafrost areas, the Disposition Holder must utilize snow, either naturally or artificially made to establish a level surface.
- 1354 [For Permafrost] The Disposition Holder prior to entry of the Disposition must submit for approval a Permafrost Protection Plan.
- 1355 [For Permafrost] The Disposition Holder must adhere to all terms and conditions of the approved Permafrost Protection Plan.
- 1356 The Disposition Holder must not conduct the Activity during adverse ground conditions*.
- 1357 The Disposition Holder must prevent erosion* and sedimentation on to adjacent* Lands or Water bodies * that results from the activity.
- 1359-AS The Disposition Holder must not remove from the Lands topsoil* or subsoil* unless approved in writing by the Regulatory Body.
- 1362-AS For all insitu activities that do not involve minimal disturbance* construction, the Disposition Holder must salvage topsoil* for land reclamation as follows:
- a) salvage all topsoil* from:
 - i) mineral soils,
 - ii) shallow organic soils*, and
 - iii) reclaimed soils
 - b) from areas of deep organic soil where pad materials will be left in place during land reclamation:
 - i) salvage topsoil* to a minimum depth of 40 cm, or
 - ii) submit to the Regulating Body, for written authorization, an alternate plan for obtaining topsoil* prior to commencing construction; and
 - c) topsoil* salvage is not required from areas of deep organic soil where pad materials will be removed during land reclamation unless otherwise authorized in writing by the Regulatory Body.

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- 1363 All reclamation material* must be considered suitable as defined in the May 2001 Salt Contamination Assessment Guidelines and meet the February 2016 Alberta Tier 1 Soil and Groundwater Remediation Guidelines, as amended or replaced from time to time.
- 1367 The Disposition Holder must not mix wood chips with any reclamation material*.
- 1368 The Disposition Holder must not apply wood chips to the lands at a depth greater than five (5) centimetres.
- 1369 The Disposition Holder must manage wood chips in accordance with the directive ID 2009-01 Management of Wood Chips on Public Land as amended from time to time.
- 1370 The Disposition Holder must not store piles or windrows of reclamation material* within standing timber.
- 1371 The Disposition Holder must not use soil sterilant on the Lands.

Watercourse/Waterbody

- 1400-AS The Disposition Holder is prohibited from conducting activities on islands and the bed and shore* of all water bodies*.
- 1401-AS The Disposition Holder must not construct activities within 15 metres of temporary wetlands* or ephemeral watercourses*.
- 1402-AS The Disposition Holder must not conduct the Activity within the following watercourse* setbacks from the top of the breaks:
- a) Intermittent watercourses* including springs must have a setback of at least 45 metres.
 - b) Small Permanent watercourses* must have a setback of at least 45 metres.
 - c) Large Permanent watercourses* must have a setback of at least 100 metres.

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- 1403-AS For all site activities, paralleling linear activities or pipeline bore sites, the Disposition Holder must not conduct the Activity within the following water body* setbacks from the disposition edge:
- a. non-permanent seasonal wetlands* must have a setback of 45 metres of undisturbed vegetation from the bed and shore and;
 - b. semi-permanent and permanent ponds, wetlands*, shallow open water ponds and lakes must have setback of 100 metres from the bed and shore*.
 - c. Intermittent watercourses* including springs must have a setback of at least 45 metres.
 - d. Small Permanent watercourses* must have a setback of at least 45 metres.
 - e. Large Permanent watercourses* must have a setback of at least 100 metres.
- 1410 The Disposition Holder must keep watercourse* crossings free of accumulated debris* or ice that will impede the flow of water.
- 1411 Where crossings have been removed, the Disposition Holder must immediately stabilize the bank* or shoreline of all affected water bodies and restore to native vegetative species found in the adjacent* area.
- 1412 The Disposition Holder must acquire an authorization for access (off-disposition) for water withdrawal activities.
- 1414 Where Type 5 log fill crossings are installed, further to the requirements within the Code of Practice for Watercourse Crossings, the Disposition Holder must
- a) Strap or cable logs to assist removal, and
 - b) Remove crossings prior to spring break-up and active channel* flows.

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- 1415 Where native timber bridges* are installed, further to the requirements within the Code of Practice for Watercourse Crossings the Disposition Holder must:
- a) ensure bridge* abutments do not restrict the watercourse* channel;
 - b) install a brow log on both sides of the bridge* deck to prevent soil from entering the watercourse*, and;
 - c) ensure the bridge* span extends beyond the watercourse* bank* and abutment walls.
- 1416 Where snow fill crossings are installed, the Disposition Holder must:
- a) use clean snow materials minus of debris to fill the watercourse* channel;
 - b) fill material placed on top of the temporary crossing must be held in place and separated from the snow fill by a geotextile fabric or natural mat that is impermeable to soil movement, and;
 - c) completely remove the crossing prior to spring break up or active channel* flows, unless otherwise directed by the Regulatory Body.
- 1417 Where an ice bridge* crossing is installed, the Disposition Holder must:
- a) not utilize fill or other capping material on the ice bridge*;
 - b) not impede watercourse* flows;
 - c) construct approaches with snow and ice materials of sufficient thickness to protect the stream bank*, and;
 - d) not alter the streambed or banks*.
- 1419 For use of equipment within the bed of a water body*, the Disposition Holder must prior to operations follow the “Decontamination Protocol for Work in or Near Water”, as amended from time to time.
- 1420 The Disposition Holder must provide a completed Record of Decontamination form as proof of decontamination to the Regulatory Body upon request.

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Reclamation

- 1450 The Disposition Holder must reclaim the Lands in accordance with the reclamation criteria for Wellsites and Associated Facilities documents for forested/peatland or where applicable the Coal and Oil Sands Exploration Reclamation Requirements as amended or replaced from time to time.
- 1451 For progressive reclamation* on forested lands*, the Disposition Holder must replace all reclamation materials* that have been salvaged in accordance with all of the following:
- a) all salvaged subsoil* must be replaced, then all salvaged topsoil*; and
 - b) reclamation materials* must be replaced over the entire progressive reclamation area*; unless otherwise approved in writing by the Regulatory Body.
- 1454 The Disposition Holder must prior to seeding herbaceous seed in forested* or peatlands* submit a Request for Seeding in writing to the Regulatory Body that contains all of the following:
- a) rationale for conducting seeding of herbaceous species*;
 - b) a description of the proposed site for seeding including information with respect to the following:
 - i. whether the Lands are subject to high erosion* and;
 - ii. whether the Lands are prone to invasion from agronomic or weed species.
 - c) a proposed seed mix composition for re-vegetation of the Lands in accordance with the Native Plant Revegetation Guidelines for Alberta, 2001 as amended or replaced from time to time or a rationale for alternate species;
 - d) provide a seed certificate in accordance with the Seed Act for the seed mixed mix to be used for revegetation* and; any other information requested by the Regulatory Body.
- 1455 The Disposition Holder must only conduct seeding in accordance with the written authorization of the Regulatory Body.

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- 1456 The Disposition Holder must when seeding cultivated lands*;
- a) use agronomic or forage seed that meets or exceeds Certified #1 as outlined in the Seeds Act and Seeds Regulations;
 - b) use seed mixes that are free of species listed in the Weed Control Act and;
 - c) provide a seed certificate to the Regulatory Body within 30 days of request.
- 1457 The Disposition Holder when planting trees or shrubs within the Green Area* must meet the requirements of the December 2016 Alberta Forest Genetic Resource Management and Conservation Standards document, as amended or replaced from time to time.
- 1459 The Disposition Holder must not have slash and rollback* accumulations within five (5) metres of the perimeter of the disposition boundary, greater than the percent ground cover on the surrounding undisturbed forest floor.
- 1463 For final reclamation*, the Disposition Holder must complete all of the following:
- a) contour the disturbed land to the pre-disturbance landform or to the landform approved by the Regulatory body;
 - b) replace all stockpiled subsoil*, then replace all stockpiled topsoil*;
 - c) spread all coarse woody debris* on forested lands* and;
 - d) reclamation materials* must be replaced over the entire area from which they were removed unless otherwise approved in writing by the Regulatory Body.
- 1464 The Disposition Holder must reclaim the Lands to the pre-disturbance land use type* unless otherwise authorized in writing by the Regulatory Body.

Integrated Use on Agriculture and Grazing Lands

- 1507 [For Provincial Grazing Reserve] The Disposition Holder must repair or rebuild damage to existing pasture fences to the asset specification standards of the PGR Fence Specifications as amended.

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Wildlife

- 1603 When Wildlife Surveys* are required, the Disposition Holder must submit results as defined by the sensitive species inventory guidelines from Wildlife Survey* to the Fisheries and Wildlife Management Information System (FWMIS).
- 1608 The Disposition Holder must incorporate buffers*, setbacks and activity timing restrictions for any and all key habitat features including, but not limited to leks*, nests, dens and houses identified in the wildlife survey*.
- 1610 The Holder must incorporate a buffer* zone of a minimum width of 100m undisturbed vegetation, where an established buffer* does not already exist (e.g. Species at Risk) for any and all key habitat features including, but not limited to leks*, nests, dens and houses.
- 1611-AS The Disposition Holder must conduct appropriate pre-construction wildlife* surveys as per the direction of the Sensitive Species Inventory Guidelines as amended from time to time where you intersect any of the following sensitive species;
- Sensitive Raptor Range
 - Burrowing Owl Range
 - Sensitive Snake Hibernacula Range
 - Sharp-tailed Grouse Survey
 - Swift Fox Range
 - Ords Kangaroo Rat Range
 - Piping Plover Waterbodies
 - Endangered and Threatened Plant Ranges
 - Grassland and Parkland Natural Regions (Grassland Bird Surveys)

Sensitive Raptor

- 1650-AS The Disposition Holder must not conduct any activities within 1000 metres of a sensitive raptor active nest*.
- 1651-AS The Disposition Holder must not construct any activities within 1000 metres of a sensitive raptor active nest* with the following exception:
- When construction and operational activities occurs between July 16th and March 14th, the Disposition Holder must not conduct the activity within 100 metres from a sensitive raptor active nest*.

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Colonial Nesting Birds

- 1680-AS The Disposition Holder must not conduct any activities within 1000 metres from an American Pelican, Great Blue Heron and Western Grebe nesting colony*.
- 1681-AS Between March 1 and August 31, the Disposition Holder must not conduct any activities within 1000 metres of an American Pelican, Great Blue Heron and Western Grebe nesting colony*.

Sharp-Tailed Grouse

- 1740-AS The Disposition Holder must not conduct any activities* within 500 metres of the perimeter of any known or identified active sharp-tailed grouse lek* sites.
- 1742-AS The Disposition Holder must install and use perch preventing technology in accordance with the Avian Power Line Interaction Committee (APLIC) (<http://aplic.org>) on all above ground structures that are greater than 1 metre in height and within 1000 metres of a sharp-tailed grouse lek*.
- 1743-AS The Disposition Holder must ensure that noise resulting from the activity does not exceed 49 decibels within 500 metres of a sharp-tailed grouse lek* when the level of noise is measured 10 metres from the source of the noise.
- 1744-AS The Disposition Holder must not construct any activities* within 500 metres from the perimeter of an active or known sharp-tailed grouse lek* from March 15 to June 15 of any given year.
- 1745-AS The Disposition Holder must not construct any activities* within 100 metres from the perimeter of an active or known sharp-tailed grouse lek from June 16 to March 14 of any given year.
- 1746-AS Between March 15 and June 15, the Disposition Holder must only conduct operational* work or maintenance between 10:00 a.m. and 4:00 p.m for sites located 100 metres to 500 metres from a sharptailed grouse lek*.

Piping Plover

- 1820-AS The Disposition Holder must not conduct any activities* within 200 metres from the bed and shore* of known or identified piping plover waterbodies*.

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- 1822-AS Between August 1 and April 14, the Disposition Holder may conduct activities up to 100 metres from bed and shore of known or identified piping plover waterbodies*.
- 1823-AS The Disposition Holder must not conduct any activities* within 100 metres from the bed and shore of known or identified piping plover waterbodies*.
- 1824 Between April 15 and July 31, the Disposition Holder must not conduct any operational maintenance* within 200 metres of known or identified piping plover waterbodies*.

Other Sensitive and Endangered Species – Grassland and Parkland Natural Region

- 1880-AS Between April 15 and August 15, the Disposition Holder must not conduct any activities* within 100 metres of an active nest site for Federally listed species.

Caribou

- 1902-AS The Disposition Holder must design all access routes as dead-ends, unless otherwise specified in a higher level access plan. Access routes which loop through the area are not permitted.
- 1905 The Disposition Holder must not seed legumes.
- 1906-AS The Disposition Holder must not conduct any site preparation* or construction on any of the lands between February 15th and July 15th. with the following exceptions:
- a) site preparation*, construction or operational work/ maintenance initiated on a disposition between July 15th and February 15th can continue if adverse ground conditions* are not encountered;
 - b) site preparation* must be at least 50% completed prior to February 15th to continue with the construction of the activity and;
 - c) all activities contained within 100 metres of existing arterial all-weather roads* can be initiated at any time (including after February 15th) provided ground conditions are favourable, and adverse ground conditions* are not encountered.

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1907-AS [For Caribou Range and/or Grizzly Bear Zone and/or Key Wildlife Biodiversity Zone and/or Special Access Area] The Disposition Holder must install effective* access control* to restrict unauthorized traffic* at all stages of construction, operation and reclamation on any new access that is attached to the existing all-weather access road and is greater than 100 metres in distance from the all-weather access road. The access control* will be placed within 100 metres from the start of the new access. with the following exceptions; Where effective access control* already exist, additional access control* is not required. If a preexisting access control* is selected, it must effectively restrict unauthorized access to the new road. The applicant* must ensure all access occurs through the pre-existing access control.

1908-AS [For Caribou Range and/or Key Wildlife Biodiversity Zone] Where materials are available the Disposition Holder must place rollback* across the entire width of any temporary or abandoned exploration access for at least 40% of the linear distance or the length of the right-of-way. No individual section of rollback* must exceed 250 metres in length. The break between sections of rollback* must be a minimum of 25 metres.

1909-AS [For Caribou Range and/or Key Wildlife Biodiversity Zone] Where a snowberm is higher than 75 centimetres, the Disposition holder must create a 3 metres wide breaks or greater every 250 metres along the snowberm to allow for straight-line wildlife crossings.

Grizzly Bear

1931-AS The Disposition Holder must design all access routes as dead-ends, unless otherwise specified in a higher level access plan. Routes, which loop through the area, are not permitted.

1932-AS The Disposition Holder must not construct any access and pipeline routes that parallel permanent watercourses* or riparian* habitat within 200 metres, except to allow for vehicle or pipeline crossings.

1935 The Disposition Holder must not seed legumes.

1936 The Disposition Holder must re-vegetate activities, associated facilities and clearings to vegetative species compatible and consistent with the adjacent vegetation type.

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Trumpeter Swan

- 1950-AS The Disposition Holder must not conduct any activities* within 500 metres of the bed and shore* of a known or identified Trumpeter Swan watercourse* or waterbody*.
- 1951-AS Between April 1 and September 30, the Disposition Holder must not conduct any activities* within 800 metres of the bed and shore* of a known or identified Trumpeter Swan watercourse* or waterbody*.

Special Access Area

- 1970-AS The Disposition Holder must develop access using Class V routes only, unless any of the following exceptions are met:
- a) alternative access standards are specified in an approved higher level access plan;
 - b) wells licensed as sour gas with a suspended/ producing release rate of >2.0 m³/s can be accessed using Class III or IV routes;
 - c) when drilling a well through sour zones, but not for production of sour >2.0 m³/s, use Class IV routes designed to provide adequate egress* or;
 - d) if the new access is attached to the existing arterial all-weather access road and is less than 100 metres in length from the arterial all-weather access road then the new access can be developed using Class III to V access classifications.
- 1971-AS The Disposition Holder must design all access routes as dead-ends, unless otherwise specified in a higher level access plan. Routes which loop through the area are not permitted.

Key Wildlife Biodiversity Zone

- 2000-AS Between January 15 and April 30, the Disposition Holder must not conduct the Activity at any location North of Alberta Provincial Highway No. 1 except:
- a) for well tie-in activities that are within 1.6 kilometre radius of the wellsite that can be commenced and completed during a period where adverse ground conditions* do not exist at any time;

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b) for wellsites or pipeline installations that are accessed using Class IV or V roads during a period where adverse ground conditions* do not exist at any time; and

c) for any part of the Activity that occurs within 100 metres of existing arterial all-weather roads* that can be commenced during a period where adverse ground conditions* do not exist and can be continued until adverse ground conditions* occur at which point the Activity must stop.

2002-AS The Disposition Holder must not conduct any activity within 100 metres of the edge of a valley break or within 100 metres of a bed and shore where the valley break is not defined, with the exception of activities such as; access, pipelines and linear easements crossing the zone.

2004-AS The Disposition Holder must not construct any parallel access, easement or pipeline routes within 200 metres of permanent watercourses or riparian habitat, except to allow for vehicle or pipeline crossings.

2006-AS The Disposition Holder must construct all access routes as dead-ends, unless otherwise specified in a plan approved in writing by the Director. For further certainty, access routes that loop through the activity area are not permitted.

2008 The Disposition Holder must not seed legumes.

Critical Habitat of Aquatic Species at Risk

2040-AS Disposition holders must comply with all applicable federal Critical Habitat Orders issued under section 58 of the Species at Risk Act (Canada). Proponents and disposition holders should contact Fisheries and Oceans Canada in relation to the application of the Species at Risk Act (Canada) and any relevant Critical Habitat* Orders.

Fisheries Protection Program

Fisheries and Oceans Canada

867 Lakeshore Road Burlington, Ontario L7S 1A1

Telephone: 1-855-852-8320

Email: FisheriesProtection@dfo-mpo.gc.ca

Web address: Fisheries and Oceans Canada – Fisheries Protection

Program <http://www.dfo-mpo.gc.ca/pnw-ppe/fpp-ppp/index-eng.html>

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Web address: Fisheries and Oceans Canada – Aquatic Species at Risk
<http://www.dfo-mpo.gc.ca/speciesespeces/sara-lep/index-eng.html>

Web address: Species at Risk Public Registry <https://www.canada.ca/en/environment-climate-change/services/species-risk-public-registry.html>

Grassland and Parkland Natural Regions

- 2062 [For Central Parkland] For activities that fall within native grasslands* as identified by the Central Parkland Subregion that requires Assisted Natural Recovery*, the Disposition Holder must submit a request for Assisted Natural Recovery in writing to the Regulatory Body that contains all of the following:
- a) Rationale for conducting Assisted Natural Recovery*;
 - b) A description of the proposed site for Assisted Natural Recovery* including information with respect to the following:
 - i) whether the Lands are subject to high erosion;
 - ii) whether the soil on the Lands has been disturbed to an area greater than 50m² ;
 - iii) whether the Lands are prone to invasion from agronomic or weed species;
 - c) A proposed seed mix composition for re-vegetation of the Lands:
 - i) that is consistent with native plant communities that are adjacent to and in the immediate vicinity of the Lands as determined by the A Preliminary Classification of Plant Communities in the Central Parkland Natural Subregion of Alberta, as amended or replaced from time to time;
 - ii) provide a seed certificate in accordance with the Seed Act for the seed mix to be used for Assisted Natural Recovery* and;
 - iii) any other information requested by the Regulatory Body.
- 2068 [For Grassland Parkland Natural Region] The Disposition Holder must not construct activities on native grassland* within the Grassland and Parkland Natural Region between April 15th and August 15th, unless

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grassland bird surveys are completed as per the Sensitive Species Inventory Guidelines Protocol as amended.

2069 [For Grassland Parkland Natural Region] The Disposition Holder must not conduct any activities within 100 metres of an active nest site between April 15th and August 15th for the following species:

- short-eared owl
- mountain plover
- long-billed curlew
- upland sandpiper
- Sprague's pipit
- Chestnut-collared longspur
- Loggerhead Shrike
- Bank Swallow

2070-AS [For Central Parkland and/or Northern Fescue] On native grasslands* identified in the Central Parkland and Northern Fescue layer, the Disposition Holder must conduct a conservation assessment as outlined in Conservation Assessments in Native Grassland Strategic Siting and Pre-disturbance Site Assessment Methodology for Industrial Disturbances as amended or replaced from time to time. Upon request by the Regulatory Body, the Disposition Holder must submit the conservation assessment report in writing to the Regulatory Body within 30 days of the request.

2071-AS [For Central Parkland and/or Northern Fescue] The Disposition Holder must not conduct activities on loamy soils* in the Central Parkland and Northern Fescue layer as confirmed by the Disposition Holder through the required Conservation Assessment, subject to the following exceptions;

- a) using existing disturbances* for activities; and
- b) locating activities adjacent* to existing occupied dispositions and non-native vegetation areas.