



**Public Lands Administration Regulation (PLAR) Table A2**  
**Alberta Energy Regulator (AER)**  
**July 4, 2017**

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Purpose	Activity	Definitions	Disposition Type	Additional Options		File Number for Consultation (FNC)	Application Plan Requirements	Final Plan Requirements	Survey Type Monuments	Notes
				Approval	Authorization					
Access	Class I - All Weather	An access road designed for all weather travel with a Right-of-Way (ROW) width less than 40m in width.	LOC	No	No	PA	Sketch	Survey / Hybrid Cadastre	3/4	
Access	Class II - All Weather or Dry	An access road designed with a 20-30m Right-of-Way (ROW) width for dry or all-weather access.	LOC	No	No	PA	Sketch	Survey / Hybrid Cadastre	3/4	
Access	Class III - All Weather or Dry	An access road designed for all weather use with a Right-of-Way (ROW) width up to 15m with allowances for variable ROW up to 20m on no more than 35% of the route length.	LOC	No	No	PA	Sketch	Survey / Hybrid Cadastre	3/4	
Access	Class IV - Frozen/Dry Conditions	An access road designed for temporary or seasonal use to be used in frozen or dry conditions only with a Right-of-Way (ROW) width up to 15m. The ROW width may be up to 20m in width for no more than 20% of the route length.	LOC	No	No	AD	Sketch	Survey / Hybrid Cadastre	3/4	
Access	Class V - Frozen	A minimal disturbance access road designed for temporary access. Ground disturbance, surface vegetation disturbance, grade development and surface improvements are minimized. Right-of-Way (ROW) width is less than 10m but may be up to 20m for no more than 20% of the route length.	LOC	No	No	AD	Sketch	Survey / Hybrid Cadastre	3/4	
Access	Class VI - Frozen	A minimal disturbance dry or frozen access in Prairie and Parkland natural sub-regions, where the Right-of-Way (ROW) width is less than 10m.	LOC	No	No	AD	Sketch	Survey / Hybrid Cadastre	3/4	
Access	Major Corridor	A corridor access road designed for all weather travel with a Right-of-Way (ROW) width generally exceeding 40m. The surface of the road may be paved or an improved graveled surface.	LOC	No	No	PA	Sketch	Survey / Hybrid Cadastre	3/4	
Access	Railway Spur Line	An undertaking that is operated for the purpose of transporting individuals, goods and/or commodities by means of rolling stock on a track.	LOC	No	No	AD	Sketch	Survey / Hybrid Cadastre	1/4	
Access-Temporary	Industrial	Minimal disturbance temporary short-term access that is required to facilitate an authorized industrial activity under the <i>Public Lands Act</i> , <i>Forests Act</i> , or <i>Metallic and Industrial Minerals Exploration Regulation</i> . Examples include: detours, pushouts, turnarounds, watercourse crossings, and additional access.		Yes	Yes	N/A	Sketch	N/A	N/A	
Access-Temporary	Wood Fibre Road	Access that is constructed using a wood fibre road system consisting of wood fibre, chips or other fragmented woody material. This activity may be used to authorize temporary use of a wood fibre road, or to approve this construction method for an already issued formal disposition.		Yes	Yes	N/A	Sketch	N/A	N/A	

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Bed and Shore	Anchor (Waterbody)	A permanent device or structure that is affixed to the bed or shore of a Crown-owned waterbody for the purposes of supporting, stabilizing or holding fast a floating vessel or structure which is itself not permanently fixed to the bed or shore.	LOC	No	No	AD	Sketch	Sketch	N/A	
Bed and Shore	Boat Launch	A structure or structures which is located on, or affixed to Crown owned bed and shore for the purpose of launching and/or retrieving a water going vessel. A boat launch typically involves improvements or modifications to the natural waterbody bed and shore to allow launching boats from a trailered vehicle.	LOC	No	No	AD	Sketch	Sketch	N/A	
Bed and Shore	Bridge	A structure spanning and providing passage over Crown owned bed and shore, where either structures are constructed on Crown owned bed and shore (such as support piers), or where modifications are required to Crown owned bed and shore (such as wing walls). This is used only in situations where the watercourse crossing requiring the bridge is not already held under a public lands formal disposition for an activity that permits the construction of the bridge (e.g. Access Road - Licence of Occupation (LOC)).	LOC	No	No	AD	Sketch	Survey / Hybrid Cadastre	1/4	
Bed and Shore	Culvert Crossing	A drainage structure, or covered channel installed within Crown owned bed and shore. This is used only in situations where the watercourse crossing requiring the culvert is not already held under a public lands formal disposition for an activity that permits the construction of the culvert.	LOC	No	No	AD	Sketch	Sketch	N/A	
Bed and Shore	Dredging/Trenching	Any of a number of activities on Crown owned bed and shore including digging, gathering, moving or removing vegetation or soil for the purposes of deepening a waterbody, modifying the bed and shore of the waterbody, or making it more suitable for the proposed use of the waterbody.	LOC	Yes	No	AD	Sketch	Sketch	N/A	
Bed and Shore	Dyke/Flood Prevention Berm	An embankment, mound or structure of earthen material constructed to confine or control the flow of water and to prevent flooding of adjacent upland areas.	LOC	Yes	No	AD	Sketch	Sketch	N/A	
Bed and Shore	Water Control Structure	Any of a number of barrier structures installed on Crown owned bed and shore designed to manage or manipulate the flow of the waterbody such as a weir or dam.	LOC	No	No	AD	Sketch	Survey / Hybrid Cadastre	1/4	
Berm	Access Berm	A linear mound (or mounds) of soil or other material that is constructed at the entrance to a road, temporary access, route, or trail in order to block the accessibility of the road, temporary access, route, or trail.		Yes	No	N/A	Sketch	N/A	N/A	
Berm	Containment Berm - Offsite	A mound (or mounds) of soil or other material that is constructed outside of a formal disposition area in order to contain a potential spill of a fluid substance.		Yes	Yes	N/A	Sketch	N/A	N/A	
Berm	Containment Berm - Onsite	A mound (or mounds) of soil or other material that is constructed on a formal disposition area in order to contain a potential spill of a fluid substance.		Yes	No	N/A	Sketch	N/A	N/A	

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Coal Exploration Program	Coal Exploration	The temporary activities directly associated with access and exploration on public land for the purpose of evaluating a coal resource primarily through test pits and core holes. The applicant is also required to notify under Code of Practice for Exploration under the <i>Environmental Protection and Enhancement Act</i> (EPEA).	CEP	No	Yes	PA	Sketch	Sketch	N/A	
Drilling Waste Disposal (DWD)	Disposal on Forested Public Land	The disposal of fluid or total waste onto vegetated (forested) public lands that are held by the licensee under a Mineral Surface Lease (MSL), or a Licence of Occupation (LOC).		Yes	No	N/A	Sketch	N/A	N/A	
Drilling Waste Disposal	Land Spraying/Spreading	The disposal of fluid or total waste onto non-vegetated land (e.g. bare earth) which may or may not involve incorporating the waste into the soil. Land spraying is disposal onto topsoil (usually cultivated lands) while land spreading is disposal onto subsoil (typically lease areas).		Yes	No	N/A	Sketch	N/A	N/A	
Drilling Waste Disposal	Land Treatment	The spreading of drilling waste onto the surface of an area of land in order to allow for the reduction of organic constituents in the drilling waste through a biodegradation process.		Yes	No	N/A	Sketch	N/A	N/A	
Drilling Waste Disposal	Pump-off DWD	The disposal of the clear liquid portion of drilling wastes onto land (usually vegetated) using irrigation equipment, such as a big gun, sprinkler, gated pipe or perforated hose, or using water/vacuum trucks. This does not include pump-off of sewage, or storm water.		Yes	No	N/A	N/A	N/A	N/A	
Drilling Waste Disposal	Remote Sump	The storage of drilling wastes in a location other than the approved wellsite lease within a clay lined earthen excavation.	MSL	Yes	No	AD	Sketch	Survey / Hybrid Cadastre	2/4	
Erosion Protection	Upland Erosion Protection	Measures taken to protect against, mitigate for the potential of, or remediate erosion of upland areas (not associated with a watercourse/waterbody bed and shore).	LOC	Yes	No	AD	Sketch	Sketch	N/A	
Incidental Activity	Additional Area - Linear	The temporary addition of area to an existing linear disposition to facilitate the construction or operation activities of the linear disposition. This temporary addition must be formalized through an amendment to the formal disposition.		Yes	No	N/A	Sketch	Sketch	N/A	
Incidental Activity	Additional Area - Non Linear	The temporary addition of area to an existing non-linear disposition to facilitate the construction or operation activities of the site. This temporary addition must be formalized through an amendment to the formal disposition.		Yes	No	N/A	Sketch	Sketch	N/A	
Incidental Activity	Additional Area - Wellbore	The temporary addition of area to an existing disposition to facilitate the drilling of a new additional wellbore onsite. This temporary addition must be formalized through an amendment to the formal disposition.		Yes	No	N/A	Sketch	Sketch	N/A	
Incidental Activity	Bank Stabilization	Measures taken to protect against, mitigate for the potential of erosion, or to remediate erosion that has actually occurred. This may not be used for situations where long-term erosion control infrastructure is required to be added to the site.		Yes	No	N/A	Sketch	Sketch	N/A	
Incidental Activity	Borrow Pits	A mechanical excavation which results in the removal of borrow material (which may only be non-manufacturing clay, sand or silt) for the construction or operation of a formal disposition.		Yes	No	N/A	Sketch	Sketch	N/A	

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Incidental Activity	Flare Stack	A structure used in association with a petroleum or natural gas (PNG) or oilsands (OS) Facility, or wellsite that facilitates the flaring of waste gas hydrocarbons.		Yes	No	N/A	Sketch	Sketch	N/A	
Incidental Activity	Log Deck	An incidental clearing that allows for the storage and handling of merchantable timber.		Yes	No	N/A	Sketch	Sketch	N/A	
Incidental Activity	Multiple Pipe Installation	The installation of an additional pipeline within an existing approved pipeline agreement area (Right-Of-Way (ROW)). This approval may allow for additional "temporary work space" to allow for pipeline installation.		Yes	No	N/A	Sketch	Sketch	N/A	
Incidental Activity	Pump-Off Sewage Disposal	The pump-off of some or all of the components from a human waste collection system generally associated with a work camp. Pump-off is from an approved disposition area to surrounding areas of public land. This does not include drilling waste or water disposal pump-off.		Yes	No	N/A	Sketch	Sketch	N/A	
Incidental Activity	Pump-Off Water Disposal	The pump-off of surface runoff water from a site to surrounding areas of public land. This does not include drilling waste disposal pump-off.		Yes	No	N/A	Sketch	Sketch	N/A	
Incidental Activity	Push Outs	Areas created primarily along linear dispositions that allow equipment the ability to turn around, or to pass other equipment.		Yes	No	N/A	Sketch	Sketch	N/A	
Incidental Activity	Reclamation Material Removal	A mechanical excavation which results in the removal of borrow material to be used for reclamation purposes. This may include non-manufacturing clay, topsoil, LFH horizons, or coarse woody debris, but does not include standing vegetation.		Yes	No	N/A	Sketch	Sketch	N/A	
Incidental Activity	Temporary Work Space	The temporary use of existing or new clearings to facilitate the construction or operation of an approved activity, or for use in emergency or unplanned situations (e.g. pipeline spill).		Yes	Yes	N/A	Sketch	Sketch	N/A	
Mine	Coal	The public lands surface lease issued to the holder of a coal lease under the <i>Mines and Minerals Act</i> , the purpose of which is to create an opening or excavation in, or working of the surface or subsurface for the purpose of working, opening up or proving the coal mineral resources under lease.	MSL	No	No	PA	Sketch	Survey / Hybrid Cadastre	2/4	
Mine	Oilsands	The public lands surface lease issued to the holder of an oilsands lease under the <i>Mines and Minerals Act</i> , the purpose of which is to create an opening or excavation in, or working of the surface or subsurface for the purpose of working, opening up, or proving the oilsands resource under lease. The mine area may include all production facilities and associated infrastructure with the exception of landfills, and work camps.	MSL	No	No	PA	Sketch	Survey / Hybrid Cadastre	2/4	
Oil Sands Exploration		The temporary activities directly associated with access and exploration on public land for the purpose of evaluating an oilsands resource.	OSE	No	Yes	PA	Sketch / LiDAR	Sketch / LiDAR	N/A	

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Other Industrial		An activity which may be used for miscellaneous industrial activities only when no other suitable purpose/activity exists. This is a short-term authorization. If the activity is a longer term activity requiring a long-term tenure then an appropriate purpose/activity must be selected or developed as per departmental procedures.		Yes	Yes	N/A	Sketch	Sketch	N/A	
Pipeline	Above Ground	A pipeline which transports a petroleum, natural gas (PNG), or oilsands (OS) product, or a product of substance directly incidental to the extraction and processing of the PNG/OS product which is constructed above the ground with above ground vertical supports and infrastructure.	PLA	No	No	PA	Sketch	Survey / Hybrid Cadastre	1/4	
Pipeline	Cathodic Protection/Anode Bed	An installation intended to reduce corrosion of a pipeline by installation of a sacrificial metal (anode bed). A cathodic protection/anode bed only requires a separate disposition when outside of the pipeline agreement (PLA) area. A pipeline installation (PIL) is used when above ground structures are required, while a PLA is used when only belowground linear protection infrastructure is installed.	PLA	No	No	AD	Sketch	Survey / Hybrid Cadastre	1/4	
Pipeline	Fresh Water	A pipeline which only transports fresh water.	LOC	Yes	Yes	AD	Sketch	Survey / Hybrid Cadastre	1/4	
Pipeline	Multiple Pipeline ROW	A pipeline agreement (PLA) where multiple pipelines are installed within a single pipeline Right-of-Way (ROW). The pipelines may transport different substances.	PLA	No	No	AD	Sketch	Survey / Hybrid Cadastre	1/4	
Pipeline	PNG/OS Pipeline	A pipeline which transports a petroleum, natural gas (PNG), or oilsands (OS) product, or a product of substance directly incidental to the extraction and processing of the PNG/OS product.	PLA	No	No	AD	Sketch	Survey / Hybrid Cadastre	1/4	
Pipeline	PNG/OS Pipeline EPEA	A pipeline for which an approval under the <i>Environmental Protection and Enhancement Act</i> (EPEA) is required, and which transports a petroleum, natural gas (PNG), or oilsands (OS) product, or a product of substance directly incidental to the extraction and processing of the PNG/OS product. (Pipeline where length (km) multiplied by outside diameter (mm) is greater than or equal to 2690).	PLA	No	No	PA	Sketch	Survey / Hybrid Cadastre	1/4	
Pipeline	Produced or Waste Water	A pipeline which only transports produced or waste water. This includes sewage, grey water, black water, or other various liquid waste streams.	LOC	No	No	AD	Sketch	Survey / Hybrid Cadastre	1/4	
Pipeline Installation	Cathodic Protection/Anode Bed	An installation intended to reduce corrosion of a pipeline by installation of a sacrificial metal (anode bed). A cathodic protection/anode bed only requires a separate disposition when outside of the pipeline agreement (PLA) area. A pipeline installation (PIL) is used when above ground structures are required, while a PLA is used when only belowground linear protection infrastructure is installed.	PIL	No	No	AD	Sketch	Survey / Hybrid Cadastre	2/4	
Pipeline Installation	Compressor Station (Sales Line)	An installation which is intended to maintain or increase the flowing pressure of the gas along the route of a major or sales pipeline.	PIL	No	No	AD	Sketch	Survey / Hybrid Cadastre	2/4	

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Pipeline Installation	Header or Riser Site	An installation with an above ground pipeline segment constructed for the purpose of accessing a portion of the pipeline for interconnections, maintenance, monitoring or emergency activities. A header or riser site only requires a separate disposition when outside of the pipeline agreement (PLA) area.	PIL	No	No	AD	Sketch	Survey / Hybrid Cadastre	2/4	
Pipeline Installation	Heater Site	An installation associated with a pipeline for the purpose of heating the piped product to maintain or increase the flowing pressure.	PIL	No	No	AD	Sketch	Survey / Hybrid Cadastre	2/4	
Pipeline Installation	Meter Station Site	A device or equipment installed to measure the in-situ flow volumes or rates (velocity) of fluid through a pipeline or pipeline apparatus.	PIL	No	No	AD	Sketch	Survey / Hybrid Cadastre	2/4	
Pipeline Installation	Oil Loading/Unloading Terminal	A system or arrangement of tanks and other surface equipment receiving crude oil by truck for the purpose of delivering crude oil into a pipeline.	PIL	No	No	PA	Sketch	Survey / Hybrid Cadastre	2/4	
Pipeline Installation	Pumping Station	A system of equipment located at intervals along a pipeline to maintain the flow to the receipt point.	PIL	No	No	AD	Sketch	Survey / Hybrid Cadastre	2/4	
Pipeline Installation	Separator Site	A system of equipment used to separate oil, gas and water from the total fluid stream produced or to separate entrained gas (water vapour) or gas condensate.	PIL	No	No	AD	Sketch	Survey / Hybrid Cadastre	2/4	
Pipeline Installation	Tank Farm	A system or arrangement of tanks or other surface equipment associated with the operation of a pipeline and that may include measurement equipment and line heaters but does not include separation equipment or storage vessels at a battery.	PIL	No	No	AD	Sketch	Survey / Hybrid Cadastre	2/4	
Pipeline Installation	Valve site	An aboveground pipeline installation for the purpose of halting or controlling the flow of the pipeline product. A valve site only requires a separate disposition when outside of the pipeline agreement (PLA) area.	PIL	No	No	AD	Sketch	Survey / Hybrid Cadastre	2/4	
Plan Approval	Annual Disturbance/ Reclamation Plan	The approval of an Annual Disturbance/Reclamation Plan related to a formal disposition or authorization, and which is submitted to fulfill the requirements of the terms or conditions of the disposition.		Yes	No	N/A	N/A	N/A	N/A	
Plan Approval	Development and Reclamation Plan	The approval of a Development and Reclamation Plan related to a formal disposition or authorization, and which is submitted to fulfill the requirements of the terms or conditions of the disposition.		Yes	No	N/A	N/A	N/A	N/A	
PNG or OS Facility	Central Processing Facility	One or more different types of petroleum and natural gas (PNG) or oilsand (OS) facilities that are centrally located in a contiguous area, and which facilitates the recovery, processing, separation, treating, or shipping of one or more PNG/OS products. A Central Processing Facility disposition does not include a work camp or a landfill, but may include soil storage, equipment storage, water run-off ponds and other installations incidental to the operations of the facility. The Mineral Surface Lease (MSL) disposition type is used only when the disposition is held by the mineral tenure rights holder, and the MSL type allows for the recovery of minerals onsite.	MSL	No	No	PA	Sketch	Survey / Hybrid Cadastre	2/4	

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PNG or OS Facility	Compressor Site Facility	A facility which is intended to maintain or increase the flowing pressure of the gas from a well, battery or gathering system prior to delivery to a collector system or sales pipeline.	MSL	No	No	AD	Sketch	Survey / Hybrid Cadastre	2/4	
PNG or OS Facility	Custom Treating Facility	A system or arrangement of tanks and other surface equipment receiving oil/water emulsion by truck for separation prior to delivery to market or another disposition. The Mineral Surface Lease (MSL) disposition type is used only when the Custom Treating Facility is held by the mineral tenure rights holder, and the MSL type allows for recovery of the minerals onsite.	MSL	No	No	AD	Sketch	Survey / Hybrid Cadastre	2/4	
PNG or OS Facility	Gas Processing Plant	A system or arrangement of equipment used for the extraction of hydrogen sulphide, helium, ethane, natural gas liquids, or other substances from raw gas, or other gas processing functions which does not include sulphur recovery. The Mineral Surface Lease (MSL) disposition type is used only when the Gas Processing Plant is held by the mineral tenure rights holder, and the MSL type allows for recovery of the minerals onsite.	MSL	No	No	AD	Sketch	Survey / Hybrid Cadastre	2/4	
PNG or OS Facility	Gas Processing Plant - Sulphur Recovery	A system or arrangement of equipment used for the extraction of hydrogen sulphide, helium, ethane, natural gas liquids, or other substances from raw gas, or other gas processing functions which includes sulphur recovery. The Mineral Surface Lease (MSL) disposition type is used only when the Gas Processing Plant is held by the mineral tenure rights holder, and the MSL type allows for recovery of the minerals onsite.	MSL	No	No	AD	Sketch	Survey / Hybrid Cadastre	2/4	
PNG or OS Facility	Oil/Bitumen Battery Site	A system or arrangement of tanks or other surface equipment or devices receiving the effluent for one or more wells for the purpose of separation and measurement prior to the delivery to market or another disposition.	MSL	No	No	AD	Sketch	Survey / Hybrid Cadastre	2/4	
PNG or OS Facility	Satellite site	An arrangement of surface equipment (not including storage tanks) located some distance between a number of wells and the main battery that will receive effluent and separately measure the production from each well. Once measured, the fluids are recombined and piped to the main battery for further treatment. The Mineral Surface Lease (MSL) disposition type is used only when the Satellite is held by the mineral tenure rights holder, and the MSL type allows for recovery of the minerals onsite.	MSL	No	No	AD	Sketch	Survey / Hybrid Cadastre	2/4	
PNG or OS Facility	Central Processing Facility	One or more different types of petroleum and natural gas (PNG) or oilsand (OS) facilities that are centrally located in a contiguous area, and which facilitates the recovery, processing, separation, treating, or shipping of one or more PNG/OS products. A Central Processing Facility disposition does not include a work camp or a landfill, but may include soil storage, equipment storage, water run-off ponds and other installations incidental to the operations of the facility.	MLL	No	No	PA	Sketch	Survey / Hybrid Cadastre	1/4	
PNG or OS Facility	Compressor Site Facility	A facility which is intended to maintain or increase the flowing pressure of the gas from a well, battery or gathering system prior to a collector system or sales pipeline.	MLL	No	No	AD	Sketch	Survey / Hybrid Cadastre	1/4	
PNG or OS Facility	Custom Treating Facility	A system or arrangement of tanks and other surface equipment receiving oil/water emulsion by truck for separation prior to delivery to market or another disposition.	MLL	No	No	AD	Sketch	Survey / Hybrid Cadastre	1/4	

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PNG or OS Facility	Gas Processing Plant	A system or arrangement of equipment used for the extraction of hydrogen sulphide, helium, ethane, natural gas liquids, or other substances from raw gas, or other gas processing functions which does not include sulphur recovery.	MLL	No	No	AD	Sketch	Survey / Hybrid Cadastre	1/4	
PNG or OS Facility	Gas Processing Plant - Sulphur Recovery	A system or arrangement of equipment used for the extraction of hydrogen sulphide, helium, ethane, natural gas liquids, or other substances from raw gas, or other gas processing functions which includes sulphur recovery.	MLL	No	No	AD	Sketch	Survey / Hybrid Cadastre	1/4	
PNG or OS Facility	Satellite Site	An arrangement of surface equipment (not including storage tanks) located some distance between a number of wells and the main battery that will receive effluent and separately measure the production from each well. Once measured, the fluids are recombined and piped to the main battery for further treatment.	MLL	No	No	AD	Sketch	Survey / Hybrid Cadastre	1/4	
PNG or OS Facility	Transport Facility	A facility which is a depot for the storage, transfer and transit of unrefined or refined petroleum products. Typically these facilities will have intermodal transport connections (e.g. truck transport to rail). This may include small segments of railway directly associated with loading/unloading of rail cars.	MLL	No	No	AD	Sketch	Survey / Hybrid Cadastre	1/4	
Reclamation		An approval which grants the applicant (whether the applicant is the disposition holder or not) the right to enter and occupy a disposition area and conduct work to reclaim and restore the subject land to an equivalent land capability or another required end state.		Yes	Yes	N/A	N/A	N/A	N/A	Reclamation Certificates are required for some purposes/activities. Please see the <i>Environmental Protection and Enhancement Act (EPEA)</i> and the Conservation and Reclamation Regulation for further information.
Research, Monitoring and Education	Environmental Monitoring Site	A site with specific facilities or installations used to monitor an attribute of the physical environment. This may include a site that has been impacted by a spill or release that requires ongoing remediation and monitoring.	MLL	Yes	No	AD	Sketch	Survey / Hybrid Cadastre	2/4	
Research, Monitoring and Education	Heave Monuments	A monument installed to monitor the displacement, rising, or movement of soils.	MLL	Yes	No	AD	Sketch	Survey / Hybrid Cadastre	2/4	
Research, Monitoring and Education	Piezometer	An instrument installed for the measurement of fluid pressure, or the compressibility of soil.	MLL	Yes	No	AD	Sketch	Survey / Hybrid Cadastre	2/4	
Research, Monitoring and Education	Water Observation/ Monitoring	A site which may include wells, installations, or other structures used for the purpose of observing water levels, or monitoring water quantity or quality. This does not include any observation wells used for or incidental to the production of minerals or oil and gas.	MLL	Yes	No	AD	Sketch	Survey / Hybrid Cadastre	2/4	
Research, Monitoring and Education	Water Observation/ Monitoring - Industrial Use	A site which may include wells, installations, or other structures used for the purpose of observing water levels, or monitoring water quantity or quality where the observation well is located on or within the boundary of an existing lease.	LOC	Yes	No	AD	Sketch	Survey / Hybrid Cadastre	2/4	
Research, Monitoring and Education	Water Observation/ Monitoring - Industrial Use	A site which may include wells, installations, or other structures used for the purpose of observing water levels, or monitoring water quantity or quality related to the production of minerals and petroleum and natural gas (PNG).	MLL	Yes	No	AD	Sketch	Survey / Hybrid Cadastre	2/4	

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Storage	Industrial	An area used by an industrial disposition holder for the purposes of storing equipment, supplies, and/or materials that are directly used in relation to an approved industrial activity on public land.	MLL	Yes	No	AD	Sketch	Survey / Hybrid Cadastre	1/4	
Storage	Stockpile	An area used to store surface material such as gravel, sand, soil, subsoil, peat, topsoil, LFH Material, woody debris. This may also be used to store mineable minerals prior to processing.	MLL	Yes	No	AD	Sketch	Survey / Hybrid Cadastre	1/4	
Fire Hazard Management	Fireguard	An area where vegetation has been removed, partially removed, or modified in any way for the purpose of reducing the fire hazard and potential rate of spread of a wildfire. This may be associated with oil and gas industrial facilities.	RVC	Yes	Yes	AD	Sketch	Sketch	N/A	
Vegetation Control		An area where vegetation has been removed, partially removed, or modified in any way for various purposes and may be associated with another Formal Disposition in which vegetation control is required.	RVC	Yes	Yes	AD	Sketch	Sketch	N/A	
Waiver	Activity Timing Conditions	An approval which allows the disposition holder to conduct activities in a restricted timing period as indicated in the disposition conditions.		Yes	No	N/A	N/A	N/A	N/A	
Waiver	Alternate Construction Technique	An approval which allows the disposition holder to alter construction techniques from those that were approved under the disposition authority.		Yes	No	N/A	N/A	N/A	N/A	
Waiver	Alternate Uses of Disposition	An approval which allows for the temporary use of a disposition area for a purpose other than which the disposition was originally approved for. Long-term change in use of disposition requires an amendment to the purpose/activity.		Yes	No	N/A	N/A	N/A	N/A	
Waiver	Other Conditions	An approval which allows the disposition holder to conduct activities in a manner contrary to a certain condition of the disposition authority.		Yes	No	N/A	N/A	N/A	N/A	
Waste Management	Oilfield Waste Landfill	A Class II or III landfill located on or adjacent to an upstream petroleum facility where unwanted non-hazardous waste from the construction, operation, abandonment, or reclamation of a facility, wellsite or pipeline.	MLL	No	No	PA	Sketch	Survey / Hybrid Cadastre	1/4	
Waste Management	Oilfield Waste Management Facility	A facility approved under the <i>Oil and Gas Conservation Act</i> to treat, dispose of, or store oilfield waste. This may include surface facilities, disposal wells, waste processing facilities, biodegradation, or transfer station. A disposal well with no associated facilities should use the Mineral Surface Lease (MSL) purpose/activity for an injection well.	MLL	No	No	PA	Sketch	Survey / Hybrid Cadastre	1/4	
Water Diversion	Cooling and/or Settling Pond	A pond of water, brackish water or tailings used in an industrial process which is created for the purpose of cooling the water or separating fine particles from the slurry mixture.	LOC	No	No	AD	Sketch	Survey / Hybrid Cadastre	1/4	
Water Diversion	Drainage or Irrigation Ditch	A ditch constructed to provide water drainage. This may include structures to prevent erosion of the ditch and/or water management structures such as weirs.	LOC	No	No	AD	Sketch	Survey / Hybrid Cadastre	1/4	

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Purpose	Activity	Definitions	Disposition Type	Additional Options		File Number for Consultation (FNC)	Application Plan Requirements	Final Plan Requirements	Survey Type Monuments	Notes
				Approval	Authorization					
Water Diversion	Outfall	<p>“Outfall structure” means a pipe or structure in, on, under or adjacent affecting Crown bed and shore of any waterbody or water watercourse that is constructed for the discharge of:</p> <p>(i) Precipitation that has fallen and been collected or (ii) Liquid and water carried wastes to a waterbody or watercourse, and includes any associated structure that is required for the installation maintenance or protection of the outfall structure including:</p> <p>(a) Restoration and Bank Stabilization of bed and shore around an outfall, or (b) Armouring of adjacent bed and shore for the purposes of erosion control and protection of an outfall, or</p> <p>Other related activities performed to mitigate or correct damage caused by flooding.</p>	LOC	No	No	AD	Sketch	Survey / Hybrid Cadastre	1/4	
Water Diversion	Storm Water Management Pond	A pond of run-off water from an adjacent or nearby facility, site or installation. This is not to be used for a pond constructed for management of waste water.	LOC	No	No	AD	Sketch	Survey / Hybrid Cadastre	1/4	
Water Diversion	Water Intake/Supply Line	A structure that allows the intake and supply of water from a Crown owned waterbody or watercourse.	LOC	No	No	AD	Sketch	Survey / Hybrid Cadastre	1/4	
Water Diversion	Water Reservoir	A waterbody constructed for the purposes of storing freshwater. This may include portions of a naturally occurring waterbody, in which a dam has raised the water level. This may also be used for small ponds constructed out of borrow pits.	LOC	No	No	AD	Sketch	Survey / Hybrid Cadastre	1/4	
Water Well	Observation	A site with one or more wells with the sole purpose of observing subsurface conditions of water resources.	MLL	No	No	AD	Sketch	Survey / Hybrid Cadastre	1/4	
Water Well	Production	Water well drilled to recover subsurface water for industrial purposes or to support domestic consumption on industrial sites.	MLL	No	No	AD	Sketch	Survey / Hybrid Cadastre	1/4	
Wellsite	Disposal	A site with one or more wells with the sole purpose of injecting a fluid or a gas into an underground formation for the purpose of disposal.	MSL	No	No	AD	Sketch	Survey / Hybrid Cadastre	2/4	
Wellsite	Experimental	A well drilled, being drilled or operated pursuant to an experimental scheme.	MSL	No	No	AD	Sketch	Survey / Hybrid Cadastre	2/4	
Wellsite	Injection	A site with one or more wells with the sole purpose of injecting a fluid or a gas into an underground formation for the purpose of extraction.	MSL	No	No	AD	Sketch	Survey / Hybrid Cadastre	2/4	
Wellsite	Observation	A site with one or more wells with the sole purpose of observing subsurface conditions of a particular pool of energy resources.	MSL	No	No	PA	Sketch	Survey / Hybrid Cadastre	2/4	
Wellsite	OS - Cold Production	A site containing one or more wells which is part of an approved oilsands (OS) production scheme using cold production to extract bitumen.	MSL	No	No	AD	Sketch	Survey / Hybrid Cadastre	2/4	

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Purpose	Activity	Definitions	Disposition Type	Additional Options		File Number for Consultation (FNC)	Application Plan Requirements	Final Plan Requirements	Survey Type Monuments	Notes
				Approval	Authorization					
Wellsite	OS - Enhanced Recovery	A site containing one or more wells which is part of an approved oilsands (OS) production scheme using enhanced recovery to extract bitumen.	MSL	No	No	PA	Sketch	Survey / Hybrid Cadastre	2/4	
Wellsite	PNG Production Multi Well (MW)	A site with more than one well drilled that produces or is intended to produce primarily hydrocarbons from a pool or a portion of a pool resource.	MSL	No	No	AD	Sketch	Survey / Hybrid Cadastre	2/4	
Wellsite	PNG Production Single Well (SW)	A site with a single well drilled that produces or is intended to produce primarily hydrocarbons from a pool or a portion of a pool resource.	MSL	No	No	AD	Sketch	Survey / Hybrid Cadastre	2/4	
Wellsite	Storage Well	A site with one or more wells with the sole purpose of injecting a gas or a fluid into an underground formation for storage.	MSL	No	No	AD	Sketch	Survey / Hybrid Cadastre	2/4	
Work Camp	Industrial	Temporary accommodation facility which may include food services. The work camp owner is also the industrial project developer, and the work camp is only required during project construction/development. This may not be used for personal or recreational camps.		Yes	Yes	N/A	Sketch	Sketch	N/A	The AER may only approve certain temporary work camps under an Approval or Authorization, and may not approve work camps under a formal disposition. A temporary work camp may be approved under an Approval or Authorization when it is in for use less than 1 year, uses an area less than or equal to 1 ha, and produces less than 25 m <sup>3</sup> sewage per day (approximately 110 persons).

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Table A2 Legend	
Purpose	Identifies the primary use of the disposition. The purpose has a direct link to the approval standards or conditions for the proper management of the disposition.
Activity	Identifies the allowable activities under a purpose and provides a greater level of detail. Where an activity is left blank, the purpose sufficiently describes the disposition and no further activity information is required.
Definition	Explains the use of a purpose and activity. These definitions are to be adhered to by proponents and the regulator in management of public land dispositions. These definitions have been aligned with legislation and other agency definitions. (e.g., Alberta Environment and Parks (AEP))
Disposition Type	Disposition acronym.
Additional Options – Approval	Indicates if an Approval can be applied for using the purpose.
Additional Options – Authorization	Indicates if an Authorization can be applied for using the purpose.
Approvals / Authorizations: <ul style="list-style-type: none"> <li>• File Number for Consultation</li> <li>• Landscape Analysis Tool (LAT)</li> <li>• Land Standing report</li> </ul>	<p>First Nation Consultation - will be Assessed at Time of Application depending on the activity being applied for and the proposed impacts based on the location of the activity and its proximity to First Nations communities or areas of interest.</p> <p>Landscape Analysis Tool – is not required for an application of an Authorization or an Approval, however, if the Authorization or Approval is requested for an activity to initiate construction prior to the issuance of a Formal Disposition, the regulatory body may make request for the submission of a LAT Report as a basis for conditions of the Authorization or Approval.</p> <p>Land Standing Report – is not required for an application of an Authorization or an Approval, however, the applicant should consider generating a Land Standing Report to ensure conflicts are not encountered at time of application. The regulatory body holds the right and may request the applicant to generate a Land Standing Report prior to issuance.</p>
File Number of Consultation	<p>Indicates the level of consultation required for a purpose/activity.</p> <ul style="list-style-type: none"> <li>• PA - Pre-Consultation Assessment Decision – A decision has been issued regarding whether or not consultation is required. If consultation is required, the decision will also identify the level of consultation and the First Nation(s) and/or Metis Settlement(s) to consult.</li> <li>• AD – Adequacy Assessment Decision – A decision has been issued indicating that the consultation is adequate and thus complete.</li> <li>• AA – Assessment at Time of Application – The regulatory body will assess if consultation is required in relation to an Approval or Authorization (only for TFAs and DOAs) at time of application.</li> </ul>
Application Plan Requirements	<p>The acceptable plan type, as identified in this document submitted as part of the new disposition application. Pending technical and administrative review, this is the plan type acceptable for the disposition to be issued to allow the disposition holder permission for site entry. Requirements outlining the plan standards can be found at the following link: :</p> <ul style="list-style-type: none"> <li>• <a href="http://aep.alberta.ca">aep.alberta.ca</a></li> </ul>
Final Plan Requirements	<p>The acceptable plan type, as identified in this document, that is required by the regulator to be on file once the disposition has been entered and a Site Entry number created. Requirements outlining the plan standards can be found at the following link:</p> <ul style="list-style-type: none"> <li>• <a href="http://aep.alberta.ca">aep.alberta.ca</a></li> </ul> <p><b>NOTE: In situations where a Sketch is an acceptable Final Plan submission, the type or location of an activity may warrant the need for a higher class of plan upon the request of the regulatory body. In these cases the applicant will be notified of this requirement.</b></p>
Survey Type Monuments	<p>The type of survey monument to be placed as identified in this document. Indicators identified below are related to number references within the Table.</p> <ul style="list-style-type: none"> <li>• 1 = 90cm Statutory Iron Post and Marker Post</li> <li>• 2 = 30cm Iron Spike, 30cm Iron Bar, no Marker Post</li> <li>• 3 = No Monument</li> <li>• 4 = Governing Coordinate (Hybrid Cadastre Survey Plan)</li> </ul>
Notes	Additional information that pertains to the activity/purpose.

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Other System Tracking References			
Type	Title	Classification	Description
CEP	Coal Exploration Program	Authorization	Coal exploration programs are conducted to find and evaluate coal resources.
LOC	Licence of Occupation	Formal Disposition	Grants the right to occupy public land for an approved purpose. Area under an LOC is considered vacant disposition area (unless the area is a closed road under section 54.01 of the <i>Public Lands Act</i> ). LOCs may be renewed, assigned, mortgaged, transferred or reinstated (if the requirements are met) but cannot be sublet
MLL	Miscellaneous Lease	Formal Disposition	Issued for various industrial and commercial purposes that require the lessee to hold tenure and exclusive use of the land. MLLs may be issued for a term of up to 25 years. MLLs may be renewed, assigned, mortgaged, transferred, sublet and reinstated.
MSL	Mineral Surface Lease	Formal Disposition	Grants, to mineral producers, the exclusive surface rights for the recovery and production of minerals. May be issued for a term of 25 years, and may be renewed, assigned, mortgaged, transferred, sublet, or reinstated.
OSE	Oil Sands Exploration Program	Authorization	Oil sands exploration programs are conducted to find and evaluate oilsands resources.
PLA	Pipeline Agreement	Formal Disposition	A right of way agreement for the purpose of installing a pipeline or flow line. Issued for an indefinite term. The area under a PLA is considered vacant disposition area under PLAR.
PIL	Pipeline Installation Lease	Formal Disposition	Grants exclusive surface rights for pipeline installations. The area can be located outside the Right-of-Way (which is held under a pipeline agreement (PLA)). A PIL is issued for a term not exceeding 25 years, and may be renewed, assigned, mortgaged, transferred, sublet, or reinstated.
RVC	Regulator Vegetative Control Easement	Formal Disposition	An area where vegetation has been removed, partially removed, or modified in any way for various purposes and may be associated to a Formal Disposition in which vegetation control is required.

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