

Arctic Coast Region (A)

The Arctic Coast Region is situated between the eastern boundary of NPR-A on the Colville River and the western boundary of ANWR on the Canning River. Its northern boundary is the Arctic coast and its southern boundary lands primarily along Township 10 North, Umiat Meridian. This region encompasses the industrial areas of Deadhorse, Prudhoe Bay, Kuparuk, and Alpine and borders the community of Nuiqsut. It is made up of approximately 1 Million acres.

The majority of the lands in this region are state-owned, with the exception of 8,205 acres that are owned by the NSB and 26,727 acres that are privately owned.

There are no major, state-owned or maintained roads within this region. Ice and snow roads are utilized in the winter months to support oil and gas exploration and development.

Distribution and Characteristics

Within the Arctic Coast Region almost all of the land is owned by the State, with some exceptions. Roughly 96,006 acres is owned by Arctic Slope Regional Corporation, Kuukpik Village Corporation, and Nuiqsut in the area surrounding the Colville River delta. The North Slope Borough has active municipal entitlement selections scattered throughout the region. The federal government owns property at Bullen Point, Point McIntyre, and Oliktok as part of the former Defense Early Warning (DEW) Line System that was active during World War II. There are a few tracts of private property that encompass Pump Station 1, the BP Prudhoe Bay Operations Center, an onshore gravel pad at East Dock, numerous native allotments, and a private homestead in the Colville River delta.

Access, Resources, and Uses of State Land

Overland access to this region is limited to the Dalton Highway. Surveyed roads are located and developed within the Deadhorse lease tracts (ASLS 76-227) and provide access to numerous oil industry support and commercial businesses. Outside of the Deadhorse area, ground transportation is restricted to a network of gravel roads that are operated and maintained by companies in the oil and gas industry. The Deadhorse airport is the primary means of public transportation to the North Slope. The state-owned asphalt and gravel airstrip at Deadhorse is 6,500' long by 150' wide. ADOT&PF manages the airport and the surrounding area under an Interagency Land Management Agreement (ILMA) with ADNR. Lease lots within this ILMA support ADOT&PF operations, the airport, and commercial businesses. A 5,000' by 100' wide private asphalt airstrip is located approximately 30 miles west in the Kuparuk River Unit and is owned and maintained by ConocoPhillips Alaska, Inc. (CPAI). CPAI also maintains the Alpine airstrip within the Colville River Unit

approximately 60 miles from Deadhorse. An airstrip is located within the Badami Unit operated by Glacier Oil and Gas approximately 33 miles east of Deadhorse. ExxonMobil Alaska Production (EMAP) operates a gravel airstrip within the Point Thomson Unit approximately 50 miles east of Deadhorse. A small airstrip is also located in the Colville River delta on the private homestead. A state-owned heliport is located at Prudhoe Bay. The Dalton Highway is used year-round by trucks to haul cargo to the North Slope.

Wildlife values vary across the region with concentrations along riverine corridors, and along the northern edge of the region close to the arctic coast. Moose habitat extends throughout the region within the riparian zone adjacent to the rivers running north from the coast. Musk ox concentrations are present in close proximity to the Dalton Highway corridor and within river corridors. Caribou habitat is present across the region, with calving and insect relief areas concentrated along the coast. Brown bear are present throughout the region, with concentrations along anadromous streams. Polar bear habitat extends inland from the coast into the region.

The predominant uses of state-owned lands in this region are for production of oil and gas for the State of Alaska's oil and gas leasing program. Infrastructure and the associated ice roads throughout this region exemplify this use pattern. However, this region encompasses vast tracts of habitat lands and supports subsistence uses from the neighboring communities of Nuiqsut and Kaktovik. The Division of Oil and Gas (DOG) and the Division of Mining, Land & Water (DMLW) share the responsibility of authorizing activities necessary for exploration and development on the North Slope. Preference is given to those authorizations that will be of greatest economic benefit to the state and the development of its resources. For general state land outside the boundary of a Plan of Operations, the Northern Regional Office of DMLW holds the authority to authorize uses and activities.

Management Planning Constraints and Considerations

No state or local management plans have previously affected this area; however, one Site Specific (Land Classification Order 618) Plan has been completed for this region.

Deadhorse is subject to a site specific plan. The area is classified Settlement under the Deadhorse Lease Tracts Site Specific Plan (SSP) CL NC-04-003, dated January 30, 2006. The SSP notes that an Oil and Gas Lease (ADL 28330) covers the area. Development of the surface estate is not prohibited, but the subsurface is the dominant estate (SSP, p. 10).

The general management intent for the Deadhorse Lease Tracts is to support oil and gas development and to ensure continued access to develop the underlying mineral estate (SSP, p. 19). Tracts improved under the SSP (within ASLS 76-227) are to be managed to support oil and gas operations (SSP, p. 19).

In 1943, the federal government issued PLO 82, which withdrew most public lands on the North Slope of Alaska for military use. PLO 82 was amended several times and revoked in

1960. Subsequent court cases, including *United States v. Alaska*, 117 S. Ct. 1888 (“Original 84”), held that submerged lands under inland waters that were navigable under federal law at Alaska’s statehood nevertheless did not pass to the State under the Equal Footing Doctrine and Submerged Lands Act because they were withdrawn by PLO 82. Such lands were potentially eligible for selection by and conveyance to the State under its general land entitlement after PLO 82 was revoked. For example, lands in the bed of the Colville River lying north of the section line between section 15 and 16 in T001SR001W Umiat Meridian, were conveyed to the State as part of its general land entitlement (the dividing line was determined by agreement of the parties in Case No. A78-069 CIV, U.S. Dist. Ct (Alaska) (Colville River decision)).

Management Summary

State land will be managed consistent with its designation(s); as specifically articulated through management intent found in the Resource Allocation Table in Chapter 3 and the applicable goals, objectives, and guidelines found in Chapter 2. Some lands have one designation while other lands are co-designated. The acreages listed below provide a quick reference of the designations and co-designations used in this region, and the acreages of designation(s).

Designation or Co-Designations	Acreage
Resource Management	320ac
Oil and Gas, Habitat, Harvest	131,518ac
Oil and Gas, Habitat	923,692ac
Water Resources	63ac
Materials	2,078ac
Public Facilities-Retain	3,015ac

Resource Allocation Table – Arctic Coast Region (A)

Unit # / Name	Designation(s) / Acres	Map	Management Intent	Resources and Uses
A-01 Colville River Delta	Ha/Hv/Og 131,518ac	Map 3-2.1	<p>Manage the unit to continue oil and gas development while minimizing the impact to fish and wildlife habitat values and harvest opportunities, with an emphasis in retaining the natural character of the area. Decisions related to oil and gas leasing/development shall consider potential impacts on the habitat and harvest values and include stipulations/conditions/measures that will avoid, minimize, or mitigate potential negative effects.</p> <p>ADNR shall consult ADF&G regarding authorizations involving uses that may impact brown bear denning sites, core musk ox habitat, and anadromous waterbodies. ADNR shall consult USFWS regarding authorizations involving uses that may impact polar bear denning sites. Long-term uses should also consider potential impacts on migratory waterfowl and for protection of water quality.</p> <p>These lands shall be retained in state ownership to continue to provide opportunities for subsistence, hunting, fishing, material sales, among other beneficial uses.</p> <p>Lands are available for lease, permit, or other less-than-fee disposal.</p>	<p>This unit is comprised primarily of lands and waters within braided channels associated with the Colville River delta. Starting just south of Nuiqsut, the NPR-A forms the western boundary along the westernmost channel of the Colville River. Its southern extent conforms to the region boundary and extends north to the mean high tide line of the Arctic Ocean. It is bounded on the east by the easternmost channel of the Colville River. Much of the uplands within the southern portion of this unit are owned by Kuukpik Corporation, though the State owns all shorelands, tidelands, and submerged lands under navigable waterbodies. Federal Native allotments exist in the unit along with a private parcel that was conveyed under the Homestead Act.</p> <p>The terrain is low-lying flat floodplain with multiple river channels and tap lakes. Vegetation ranges from sedge-tussock tundra, wet tundra meadows, polygonal lakes and drained lakes, near-lake ponds and margins to willow communities on riverbanks, terraces and dunes.</p> <p>Oil and gas exploration and development activities occur, and are within the Colville River, Pikka, and Oooguruk units. The Colville River Unit Alpine operations facilities and infrastructure are located within this unit and include two airstrips. A gravel road and seasonal ice road link the Alpine oilfield to the community of Nuiqsut. Several state leases and permits related to oil and gas exist within the unit. Existing winter access routes are currently used for access into the NPR-A from outside of this unit. These routes have been identified by the ASTAR project as potential transportation corridors.</p> <p>Areas near or within stream beds have been identified as having moderate to high potential for commercial sand and gravel material resources.</p> <p>Much of the delta is considered highly productive wetland and riverine habitat for various migratory and resident avian, aquatic, marine and terrestrial species. Musk ox are present throughout the unit with a concentration occurring in the eastern half. Caribou are present within the entire unit with some areas providing insect relief during summer months. Brown bear and polar bear are present within the unit, including maternal dens and denning habitat. Riparian shrub habitat is</p>

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A-02 Nanushuk	Ha/Og 153,836ac	Map 3-2.1	<p>The unit is to be managed for its habitat and oil and gas resource values. All development must also consider potential impacts on the habitat and harvest values and include general mitigation measures that will avoid, minimize, or mitigate negative impacts. Also maintain opportunities for material sale/extraction in the area.</p> <p>ADNR staff shall consult with the ADF&G, or USFWS prior to authorization issuance to ensure wildlife resources are protected and include stipulations to minimize impacts as needed.</p> <p>Protect known heritage sites and maintain important harvest/ subsistence opportunities.</p> <p>Lands in this unit shall be retained in state ownership.</p>	<p>important for breeding passerines. High densities of numerous waterbirds are present, including glaucous gull, black brant, greater white-fronted geese, northern pintail, tundra swan and red-throated loon. Numerous other waterbirds, including pacific loon, black scoter, long-tailed duck and cackling geese are present. Important nesting area for yellow-billed loon and federally threatened spectacled eider. High diversity of breeding shorebirds is present, including stilt sandpiper, American golden plover, whimbrel, bar-tailed godwit and buff-breasted sandpiper. The unit includes high densities of migratory staging shorebirds in the fall including dunlin, red-necked phalarope and semipalmated sandpiper. A high density of breeding snowy owls is present. The Colville River and wetlands within the delta support various anadromous, overwintering, and resident fish species.</p> <p>Subsistence occurs throughout the unit for fish, caribou, musk ox, polar bear, seals, birds and eggs, aquatic and marine mammals, invertebrates, berries, and plants. Several permanent camps exist throughout the unit.</p> <p>Recreation and some commercial transportation occur within the stream corridors. Local residents use winter trails and frozen river channels to travel from villages to subsistence areas and to the Spine Road. An important multi-use winter trail is also located close to the coastal/tideland area.</p> <p>The AHRS reports heritage sites in or around this unit.</p>

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A-03 Miluveach River	Ha/Og 73,024ac	Map 3-2.1	<p>Lands are available for lease, permit, or other less-than-fee disposal.</p> <p>The unit is to be managed for its habitat and oil and gas resource values. All development must also consider potential impacts on the habitat and harvest values and include general mitigation measures that will avoid, minimize, or mitigate negative impacts. Also maintain opportunities for material sale/extraction in the area.</p> <p>Authorizations issued involving long-term uses are to consider potential impacts on migratory waterfowl, anadromous streams during spawning periods and for protection of water quality. Consult with ADF&G prior to authorization issuance. Consult USFWS prior to authorization issuance where polar bear habitat may be concerned.</p> <p>Lands shall be retained in state ownership.</p> <p>Lands are available for lease, permit, or other less-than-fee disposal.</p>	<p>mine site are located within this unit. The unit has moderate to high potential sand and gravel materials potential near Kabulik Creek.</p> <p>Caribou are present throughout the unit, with the entire unit utilized for calving and a portion used for insect relief during summer months. Musk ox concentrations are present throughout the unit, with concentrations occurring in the eastern and western portions. Migratory waterfowl nest and feed here during summer months. Brown bear and polar bear are present within the unit, including maternal dens. Riparian shrub habitat is important for breeding passerines. High densities of numerous waterbirds are present, including black brant, greater white-fronted geese, king eider and tundra swan. Numerous other waterbirds, including yellow-billed loon, pacific loon, black scoter, long-tailed duck and cackling geese are present. Federally threatened Steller’s and spectacled eider are present. High densities of breeding snowy owl are present. The Kachemach and Miluveach Rivers are anadromous.</p> <p>Subsistence harvest occurs throughout the unit for fish, caribou, musk ox, birds and eggs, berries, and plants. Several seasonal camps exist in stream corridors. An important multi-use winter route connects the gravel infrastructure at DS-2P in the KRU to a shallow water crossing of the Colville River at Ocean Point when winter temperatures and snow cover allow use.</p> <p>The AHRS reports heritage sites in or around this unit.</p>

Unit # / Name	Designation(s) / Acres	Map	Management Intent	Resources and Uses
A-04 Kuparuk	Ha/Og 387,800ac	Map 3-2.1 Map 3-2.2	<p>The unit is to be managed for its habitat and oil and gas resource values. All development must also consider potential impacts on the habitat and harvest values and include general mitigation measures that will avoid, minimize, or mitigate negative impacts. Also maintain opportunities for material sale/extraction in the area.</p> <p>Consult with the ADF&G, USFWS and NMFS prior to authorization issuance to ensure wildlife resources are protected and include stipulations to minimize impacts as needed.</p> <p>Protect known heritage sites and maintain important harvest/subsistence opportunities.</p> <p>Lands within the proposed AKLNG and ASAP Rights-of-Way and other lands with infrastructure that is critical for oil and gas development, maintenance, or operations shall be retained in state ownership.</p> <p>Lands are available for lease, permit, material sales or other less-than-fee disposals.</p>	<p>DSP2 road headed westward has been identified at U009N007E, section 17 by the ASTAR project.</p> <p>Areas near or within stream beds have been identified as having moderate to high potential for commercial sand and gravel material resources.</p> <p>Caribou are indicated as present throughout the unit. The entire unit is also identified as calving habitat for the Central Arctic caribou herd. A musk ox concentration area is present in the central portion of the unit between the Miluveach and Ugnuravik Rivers. Migratory waterfowl are present during summer months. Brown bear and polar bear are present, including maternal brown bear dens. High densities of breeding snowy owl are present. The Miluveach River is anadromous.</p> <p>Subsistence occurs throughout the unit for a variety of species including, but not limited to, caribou, musk ox, polar bears, birds/eggs, and berries.</p> <p>The AHRS reports heritage sites in or around this unit.</p>
				<p>This large unit covers the state-owned lands and waters from the east bank of the Ugnuravik River to the west bank of the Putuligayuk River. Its southern extent conforms to the region boundary and extends north to the shore of the Arctic Ocean. Vegetation is generally wet and shrub tundra, tussocks, and tidal marsh.</p> <p>Most of this unit is covered by active oil and gas leases, and ongoing activities related to oil and development dominate the uses in this unit. This unit is covered by the Kuparuk River, Milne Point, and Prudhoe Bay DOG lease sale units. Major oil and gas drill pads, processing facilities, airstrips, and support facilities are in this unit. The Kuparuk Operations Camp and airport are in this unit. The Spine, Oliktok, and Milne Point Roads and their secondary roads are in this unit. The proposed right-of-way for a natural gas pipeline also exists in the unit (ASAP line ADL 418997). A portion of the AKLNG proposed ROW exists within this unit.</p> <p>Tracts of land within the unit are selected for municipal entitlement by the NSB, and other lands within the unit have been identified as having potential for selection in the future.</p>

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A-05 Prudhoe Bay	Ha/Og 113,200ac	Map 3-2.2	<p>The unit is to be managed for its habitat and oil and gas resource values. All development must also consider potential impacts on the habitat and harvest values and include general mitigation measures that will avoid, minimize, or mitigate negative impacts. Also maintain opportunities for material sale/extraction in the area.</p> <p>Consult with the ADF&G, USFWS, and NMFS prior to authorization issuance to ensure wildlife resources are protected and include stipulations to minimize impacts as needed.</p> <p>Protect known heritage sites and maintain important harvest/subsistence opportunities.</p> <p>Lands within the proposed AKLNG and ASAP Rights-of-Way and other lands with infrastructure that is critical for oil and gas development, maintenance, or operations shall be retained in state ownership.</p> <p>Lands are available for lease, permit, or other less-than-fee disposal.</p>	<p>Mine Sites B, C, E, MPU and Deadarm mine site are located within this unit. There is also moderate to high potential for sand and gravel materials located throughout this unit.</p> <p>The entirety of the unit is indicated as caribou calving habitat with the northern portion bordering the Beaufort Sea being utilized by caribou for insect relief. Musk ox concentrations are indicated for much of the unit. Migratory waterfowl nest and feed here during summer months. High densities of numerous waterbirds are present, including tundra swan, pacific loon, king eider, cackling geese, greater white-fronted geese and glaucous gull. Federally threatened Steller's and spectacled eider are present. Seabird concentrations occur on the uplands and waters; nesting colonies occur throughout. Brown bear and polar bear are present, including maternal dens of both species. The Ugnuravik, Kuparuk, and Sakonowak Rivers are anadromous.</p> <p>Subsistence occurs throughout the unit for a variety of species including, but not limited to, caribou, musk ox, fish, polar bears, birds/eggs.</p> <p>The AHRS reports heritage sites in or around this unit.</p>
				<p>This unit covers the state-owned lands and waters and tide and submerged lands from the east bank of the Putuligayuk River to the east bank of the Sagavanirktok River. Its southern extent conforms to the region boundary and extends north to Prudhoe Bay in the Beaufort Sea.</p> <p>This unit is heavily developed and serves as the main area supporting oil and gas development in the region. This unit is covered by the Prudhoe Bay DOG lease sale unit. Major oil and gas drill pads, processing facilities, airstrips, and support facilities are located in this unit. Trans-Alaska Pipeline System (TAPS) collection point and Pump Station 1 are located in this unit. The proposed right-of-way for a natural gas pipeline also exists in the unit (ASAP line ADL 418997). A portion of the AKLNG proposed ROW exists within this unit.</p> <p>Tracts of land within the unit have been selected for municipal entitlement or identified as having potential for selection by the NSB.</p> <p>Commercial enterprises supporting industry include airports, helipads, shipping and truck depots, fueling stations, work camps, storage</p>

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A-06	Ha/Og	Map 3-2.2	<p>The unit is to be managed for its habitat and oil and gas resource values. All development must also consider potential impacts on the habitat and harvest values and include general mitigation measures that will avoid, minimize, or mitigate negative impacts. Also maintain opportunities for material sale/extraction in the area.</p> <p>Consult with the ADF&G, USFWS, and NMFS prior to authorization issuance to ensure wildlife resources are protected and include stipulations to minimize impacts as needed.</p> <p>Protect known heritage sites and maintain harvest/subsistence opportunities.</p>	<p>facilities, utilities, landfills and solid waste disposal facilities. Deadhorse airport serves as a regional hub for airlines and charter services.</p> <p>Deadhorse serves as the northern terminus of the Dalton Highway and the end point for public motorized access.</p> <p>Migratory waterfowl nest and feed here during summer months. High densities of numerous waterbirds are present, including tundra swan, pacific loon, king eider, cackling geese, snow geese and glaucous gull. Yellow-billed loon and federally threatened spectacled eider are present. High densities of breeding snowy owl are present. Seabird concentrations occur on the uplands and waters; nesting colonies occur throughout. Caribou are present throughout the unit, with the entire unit utilized for calving and the northern portion close to the Beaufort Sea utilized for insect relief during summer months. Musk ox concentrations are indicated throughout unit. Brown bear and polar bear are present with maternal dens indicated for both species. The Putuligayuk and Sagavanirktok are anadromous.</p> <p>The unit contains concentrations of shorebird, seabird and waterfowl populations and nesting colonies. Localized subsistence occurs in and around the unit for a variety of species including caribou, fish, and bird/eggs.</p> <p>AHRS reports heritage sites in or around this unit.</p>
Badami	72,541	Map 3-2.3		<p>This unit covers the state-owned lands and waters and tide and submerged lands from the west bank of the Sagavanirktok River to the eastern edges of sections 20, 16, 9 and 4 within U009N021E. Its southern extent conforms to the region boundary and extends north to the shore of the Arctic Ocean. Vegetation is generally wet and shrub tundra, tussocks, and tidal marsh.</p> <p>Most of this unit is covered by the Badami DOG lease sale unit. Development is limited to roads connecting the Badami drill site and processing facility and work camp, with a pipeline connecting to TAPS. A portion of the AKLNG proposed ROW exists within this unit.</p> <p>Migratory waterfowl nest and feed here during summer months. High densities of numerous waterbirds are present, including king eider and</p>

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A-07 Point Thomson	Ha/Og 25,358ac	Map 3-2.3	<p>Lands within the proposed AKLNG right-of-way and other lands with infrastructure that is critical for oil and gas development, maintenance, or operations shall be retained in state ownership.</p> <p>Lands are available for lease, permit, or other less-than-fee disposal.</p> <p>The unit is to be managed for its habitat and oil and gas resource values. All development must also consider potential impacts on the habitat and harvest values and include general mitigation measures that will avoid, minimize, or mitigate negative impacts. Also maintain opportunities for material sale/extraction in the area.</p> <p>Consult with the ADF&G, USFWS, and NMFS prior to authorization issuance to ensure wildlife resources are protected and include stipulations to minimize impacts as needed.</p> <p>Protect known heritage sites and maintain harvest/subsistence opportunities.</p> <p>Lands within the proposed AKLNG right-of-way and other lands with infrastructure that is critical for oil and gas development, maintenance, or operations shall be retained in state ownership.</p> <p>Lands are available for lease, permit, or other less-than-fee disposal.</p>	<p>cackling geese. Yellow-billed loon and federally threatened spectacled eider are present. High densities of breeding snowy owl are present. Seabird concentrations occur on the uplands and waters; nesting colonies occur throughout. Caribou are present throughout the unit, with the entire unit utilized as calving habitat and most utilized for insect relief during summer months. Brown bear and polar bear are present, with maternal dens are indicated for polar bears.</p> <p>Dispersed subsistence occurs throughout the unit for caribou, fish, bird/eggs and polar bears.</p> <p>The AHRS reports heritage sites in or around this unit.</p> <p>This unit covers the state-owned lands and waters and tide and submerged lands from the western edges of sections 20, 16, 9 and 4 within U009N021E, to the eastern edges of sections 2, 11, and 14 of U009N023E. Its southern extent conforms to the region boundary and extends north to the shore of the Arctic Ocean. The terrain is flat, and vegetation is generally shrub tundra, tussocks, and freshwater marsh.</p> <p>This unit is covered by the Point Thomson DOG lease sale unit. Several drill sites and related facilities exist, three of which are connected by gravel roads, which also connect the Point Thomson airstrip to the south. Numerous pipelines from these facilities are proposed. When needed, an ice road or snow road may connect this unit to the gravel road system in Prudhoe Bay in winter. The Point Thomson Export Pipeline (PTEP) extends about 22 miles from the Point Thomson Central Pad (CP) to a point of connection with the existing Badami Sales Oil Pipeline. A portion of the AKLNG proposed ROW exists within this unit.</p> <p>Caribou are present with calving and insect relief indicated throughout the unit. Musk ox concentrations are indicated in the eastern portion of the unit. Polar bears are present within the unit, including maternal dens. Musk ox are present throughout the unit, with concentrations occurring inland. Migratory waterfowl, seabirds, and shorebirds nest and feed here during summer months.</p> <p>Dispersed subsistence occurs throughout the unit for caribou, fish, bird/eggs, and polar bears.</p>

Unit # / Name	Designation(s) / Acres	Map	Management Intent	Resources and Uses
A-08 Canning River	Ha/Og 61,036ac	Map 3-2.3	<p>The unit is to be managed for its habitat and oil and gas resource values. All development must also consider potential impacts on the habitat and harvest values and include general mitigation measures that will avoid, minimize, or mitigate negative impacts. Also maintain opportunities for material sale/extraction in the area.</p> <p>Authorizations issued involving long-term uses are to consider potential impacts to polar bear habitat (including dens), caribou calving ground, musk ox concentrations, and migratory waterfowl. Consider potential impacts to anadromous streams during spawning periods and for protection of water quality. Consult with ADF&G and USFWS prior to authorization issuance.</p> <p>Lands will be retained in state ownership.</p> <p>Lands are available for lease, permit, or other less-than-fee disposal.</p> <p>Protect heritage sites.</p>	<p>This remote unit covers the state-owned lands and waters and tide and submerged lands comprised of the lands west of the Canning River and includes the Staines River and adjacent lands. The eastern extent conforms to the ANWR boundary at the Canning River while its western extent conforms to the western edges of sections 2, 11, and 14 of U009N023E. Its southern extent conforms to the region boundary and extends north to the shore of the Arctic Ocean. The terrain is flat, and vegetation is generally wet and shrub tundra, and tidal marsh.</p> <p>Numerous oil and gas leases exist in the unit, and its boundary takes in the eastern upland portion of the Point Thompson oil and gas leasing unit. Active exploration occurs in this unit and there are some drill sites scattered throughout the unit, but very little permanent infrastructure exists. There is a proposed pipeline connecting the North Staines drill pad to the Point Thomson facility.</p> <p>Caribou are present and calving occurs throughout the unit, as does insect relief during summer months. Polar bears are present, including maternal dens. Musk ox are present, with concentrations occurring just inland of the coast. Migratory waterfowl, seabirds, and shorebirds nest and feed here during summer months. The Staines River is anadromous.</p> <p>Dispersed subsistence use occurs generally for caribou, birds and eggs, but is relatively low due to its distance from communities.</p> <p>RST 1043 traverses this unit along the coast.</p> <p>The AHRS reports heritage sites in or around this unit.</p>
A-09 Kachemach River	Ha/Og 5,120ac	Map 3-2.1	<p>The unit is to be managed for its habitat and oil and gas resource values. All development must also consider potential impacts on the habitat and harvest values and include general mitigation measures that will avoid, minimize, or mitigate negative impacts. Also maintain opportunities for material sale/extraction in the area.</p> <p>Unit A-09 is a subunit within Unit A-02. Lands within this unit have been identified by the NSB as potential municipal entitlement selections. If a subsequent municipal entitlement decision determines that it is otherwise appropriate to convey state land to the borough, then the Ha/Og designation is extinguished and replaced by Rm</p>	<p>This unit covers state-owned lands and waters within the boundary of the larger unit, Unit A-02. It is located between the Kachemach and Miluveach rivers near the Beaufort Sea. The unit is entirely wetland or open water with shrub tundra and tussocks.</p> <p>The unit is undeveloped and has moderate to high sand and gravel materials potential.</p> <p>Caribou are present and utilize the entire unit for calving and the northern portion for insect relief. Musk ox are present throughout the unit, with concentrations occurring throughout. Migratory waterfowl</p>

Unit # / Name	Designation(s) / Acres	Map	Management Intent	Resources and Uses
A-10 PUT 23	Ma 308ac	Map 3-2.2	<p>designation that converts to a conveyable classification. This action affects only the area of the municipal entitlement selection.</p> <p>Consult with the ADF&G and USFWS prior to authorization issuance to ensure wildlife resources are protected and include stipulations to minimize impacts as needed.</p> <p>Protect known heritage sites and maintain important harvest/ subsistence opportunities.</p> <p>Lands with infrastructure that is critical for oil and gas development, maintenance, or operations not approved for conveyance shall be retained in state ownership.</p> <p>Lands are available for lease, permit, or other less-than-fee disposal.</p>	<p>nest and feed here during summer months. Brown bear and polar bear are present within the unit, including maternal dens.</p> <p>Subsistence harvest occurs throughout the unit.</p> <p>Tracts of land within the unit have been identified as having potential for selection for municipal entitlement by the NSB.</p>
A-11 Point Thompson Airstrip	Rm 320ac	Map 3-2.3	<p>These lands will continue to be managed to provide material resources to facilitate oil and gas infrastructure development and maintenance.</p> <p>Lands within the proposed AKLNG right-of-way and other lands with infrastructure that is critical for oil and gas development, maintenance, operations, or to provide material resources for development and infrastructure shall be retained in state ownership.</p> <p>Lands are available for lease, permit, or other less-than-fee disposal.</p> <p>Lands in this unit will be managed to facilitate oil and gas operations at Point Thompson.</p> <p>These lands have been identified for potential future selection by the NSB and may be appropriate for conveyance based on a future decision.</p> <p>Consult with the ADF&G and USFWS prior to authorization issuance to ensure wildlife resources are protected and include stipulations to minimize impacts as needed.</p> <p>Lands with infrastructure that is critical for oil and gas development, maintenance, or operations not approved for conveyance shall be retained in state ownership.</p>	<p>This unit is comprised of the state-owned portion of PUT 23 and the lands northeast of the active pit. Roads, pipelines, and facilities related to oil and gas development and exploration are present. The unit has high sand and gravel materials potential.</p> <p>A majority of the lands within this unit have been identified by the NSB as potential municipal entitlement selections. In a 2010 municipal conveyance decision (ADL 414832), the state postponed action on a parcel of state land at Put 23.</p> <p>A portion of the AKLNG proposed ROW exists within the northeastern portion of the unit.</p> <p>Located on the eastern end of the Point Thompson runway, this unit lies on flat terrain typical for the area. It lies south of an existing designated material site (Unit A-23).</p> <p>Roads, pipelines, and facilities related to oil and gas development and exploration are present. The unit has moderate sand and gravel materials potential.</p> <p>Lands within this unit have been identified by the NSB as potential municipal entitlement selections.</p> <p>Caribou calving and insect relief is indicated on the entirety of this small unit. Concentrations of musk ox are indicated. Polar bear denning habitat is also indicated.</p>

Unit # / Name	Designation(s) / Acres	Map	Management Intent	Resources and Uses
			<p>Protect known heritage sites and maintain important harvest/ subsistence opportunities.</p> <p>Lands are available for lease, permit, or other less-than-fee disposal.</p>	<p>Dispersed subsistence occurs throughout the unit.</p>
<p>A-12 Kalubik Creek</p>	<p>Ha/Og 2,518ac</p>	<p>Map 3-2.1</p>	<p>The unit is to be managed for its habitat and oil and gas resource values. All development must also consider potential impacts on the habitat and harvest values and include general mitigation measures that will avoid, minimize, or mitigate negative impacts. Also maintain opportunities for material sale/extraction in the area.</p> <p>Lands within this unit have been identified by the NSB as potential municipal entitlement selections and may be appropriate for conveyance based on a future decision. If a subsequent municipal entitlement decision determines that it is otherwise appropriate to convey state land to the borough, then the Ha and Og designations are extinguished and replaced by Rm designation that converts to a conveyable classification.</p> <p>Consult with the ADF&G prior to authorization issuance to ensure wildlife resources are protected and include stipulations to minimize impacts as needed.</p> <p>Protect known heritage sites and maintain important harvest/ subsistence opportunities.</p> <p>Lands with infrastructure that is critical for oil and gas development, maintenance, or operations not approved for conveyance shall be retained in state ownership.</p> <p>Lands are available for lease, permit, or other less-than-fee disposal.</p>	<p>A portion of this unit straddles Kalubik Creek. Approximately seven and one half miles south and east of the creek outlet into the Beaufort Sea. Terrain is generally flat to rolling wetlands and ponds. It contains some lands that were approved for conveyance to the NSB through a previous municipal entitlement decision.</p> <p>Roads, pipelines, and facilities related to oil and gas development and exploration are present in the eastern and western portions of the unit. Moderate sand and gravel materials potential exists.</p> <p>Lands within this unit have been identified by the NSB as potential municipal entitlement selections.</p> <p>Caribou calving is indicated for the lands and it is within the concentrated use area for musk ox. Seasonal use by migratory waterfowl occurs.</p> <p>Dispersed subsistence occurs throughout the unit.</p>

Unit # / Name	Designation(s) / Acres	Map	Management Intent	Resources and Uses
A-13 Deadhorse Airport	Pr 3,015ac	Map 3-2.2	<p>Unit will continue to be managed by ADOT/PF under the existing interagency agreement.</p> <p>Lands within this unit have been identified by the NSB as potential municipal entitlement selections. Because these lands were subject to a previous municipal entitlement decision, this plan does not provide for a conversion of the designation to a conveyable classification.</p> <p>Deadhorse airport and associated lands are to remain in state ownership under the management of ADOT/PF.</p>	<p>Unit is comprised of the lands and waters associated with the Deadhorse Airport, a primary access point for commercial airfreight and passengers. The unit mirrors the ILMA boundary providing management of the land to ADOT/PF. Several lease tracts have commercial infrastructure developed on them currently. The Dalton Highway traverses through the eastern portion of the unit.</p> <p>All of the lands within this unit have been identified by the NSB as potential municipal entitlement selections. Much of the lands have been rejected in a previous municipal entitlement decision.</p> <p>Caribou calving and insect relief occurs throughout this unit. Migratory waterfowl and other avian species utilize available habitat.</p>
A-14 Deadhorse	Ha/Og 7,207ac	Map 3-2.2	<p>The unit is to be managed for its habitat and oil and gas resource values. All development must also consider potential impacts on the habitat and harvest values and include general mitigation measures that will avoid, minimize, or mitigate negative impacts. Also maintain opportunities for material sale/extraction in the area.</p> <p>Lands within this unit have been identified by the NSB as potential municipal entitlement selections and may be appropriate for conveyance based on a future decision. If a subsequent municipal entitlement decision determines that it is otherwise appropriate to convey all or some of the state land to the borough, then the Ha/Og designations are extinguished and replaced by Se designation that converts to a conveyable classification.</p> <p>Consult with the ADF&G and USFWS prior to authorization issuance to ensure wildlife resources are protected and include stipulations to minimize impacts as needed.</p> <p>Protect known heritage sites and maintain important harvest/subsistence opportunities.</p> <p>Lands with infrastructure that is critical for oil and gas development, maintenance, or operations not approved for conveyance shall be retained in state ownership.</p> <p>Lands are available for lease, permit, or other less-than-fee disposal.</p>	<p>Unit is comprised of the state lands and waters of Deadhorse and includes Colleen Lake. Numerous roads, pipelines, and facilities related to oil and gas development and exploration are present and many commercial and industrial facilities exist. The Dalton Highway terminates in the unit.</p> <p>All of the lands in the unit have been identified by the NSB as potential municipal entitlement selections. Less than half of the unit has been adjudicated in previous municipal entitlement decisions. Some lands are approved or conveyed to the NSB, with a smaller amount rejected.</p> <p>Caribou calving is indicated for the lands and it is within the concentrated use area for musk ox. The northern portion of the unit is indicated as polar bear denning habitat. Seasonal use by migratory waterfowl occurs on available water and wetland habitats.</p> <p>This land has a high potential for commercial or industrial development.</p>

Unit # / Name	Designation(s) / Acres	Map	Management Intent	Resources and Uses
A-15 Oliktok Uplands	Ha/Og 764ac	Map 3-2.1	<p>The unit is to be managed for its habitat and oil and gas resource values. All development must also consider potential impacts on the habitat and harvest values and include general mitigation measures that will avoid, minimize, or mitigate negative impacts. Also maintain opportunities for material sale/extraction in the area.</p> <p>Lands within this unit have been identified by the NSB as potential municipal entitlement selections. If a subsequent municipal entitlement decision determines that it is otherwise appropriate to convey state land to the borough, then the Ha/Og designations are extinguished and replaced by Rm designation that converts to a conveyable classification. This action affects only the area of the municipal entitlement selection.</p> <p>Consult with the ADF&G and USFWS prior to authorization issuance to ensure wildlife resources are protected and include stipulations to minimize impacts as needed.</p> <p>Protect known heritage sites and maintain important harvest/ subsistence opportunities.</p> <p>Lands with infrastructure that is critical for oil and gas development, maintenance, or operations not approved for conveyance shall be retained in state ownership.</p> <p>Lands are available for lease, permit, or other less-than-fee disposal.</p>	<p>This small unit comprises the developed area of Oliktok Point on the Beaufort Sea coast.</p> <p>The NSB has existing municipal selections within the unit and lands in the western portion which were rejected from conveyance through a previous decision.</p> <p>Roads, pipelines, an airstrip, and facilities related to oil and gas development and exploration are present. The unit has moderate sand and gravel materials potential.</p> <p>Caribou calving and insect relief is indicated throughout the unit. The unit is entirely within the musk ox core area. Migratory waterfowl nest and feed here during summer months. Brown bear and polar bear are present within the unit and polar bear denning habitat is indicated.</p> <p>Dispersed subsistence occurs throughout the unit.</p>
A-16 Ugnuravik River	Ha/Og 7,905ac	Map 3-2.1	<p>The unit is to be managed for its habitat and oil and gas resource values. All development must also consider potential impacts on the habitat and harvest values and include general mitigation measures that will avoid, minimize, or mitigate negative impacts. Also maintain opportunities for material sale/extraction in the area.</p> <p>Lands within this unit have been identified by the NSB as potential municipal entitlement selections. If a subsequent municipal entitlement decision determines that it is otherwise appropriate to convey state land to the borough, then the Ha/Og designations are extinguished and replaced by Rm designation that converts to a conveyable classification. This action affects only the area of the municipal entitlement selection.</p>	<p>This unit is comprised of lands including and adjacent to the Ugnu-Kaparuk Airport and Kuparuk Industrial Center (KIC).</p> <p>The NSB has identified all of the lands within the unit as potential municipal entitlement selections, however lands including the KIC have already been approved for conveyance to the NSB while other lands have been rejected for conveyance through a previous decision.</p> <p>Numerous, roads, pipelines, an airstrip, and facilities related to oil and gas development and exploration are present. The unit has moderate sand and gravel materials potential.</p> <p>Caribou calving is indicated as are musk ox concentrations in the majority of the unit.</p> <p>Dispersed subsistence occurs throughout the unit.</p>

Unit # / Name	Designation(s) / Acres	Map	Management Intent	Resources and Uses
A-17 Milne Point Road	Ha/Og 1,235ac	Map 3-2.1	<p>Consult with the ADF&G prior to authorization issuance to ensure wildlife resources are protected and include stipulations to minimize impacts as needed.</p> <p>Protect known heritage sites and maintain important harvest/ subsistence opportunities.</p> <p>Lands with infrastructure that is critical for oil and gas development, maintenance, or operations not approved for conveyance shall be retained in state ownership.</p> <p>Lands are available for lease, permit, or other less-than-fee disposal.</p>	<p>Approximately two miles south of the Beaufort Sea, this unit is adjacent to the Milne Point Road. Terrain is flat with wetlands and small lakes.</p> <p>The entirety of the unit has been identified as potential municipal entitlement selections by the NSB. Lands in the eastern half of the unit have been rejected for conveyance through a previous decision.</p> <p>The unit has moderate sand and gravel materials potential.</p> <p>Caribou calving and insect relief habitats are indicated as are musk ox concentrations. Polar bear denning habitat is indicated too.</p> <p>Dispersed subsistence occurs throughout the unit.</p>

Unit # / Name	Designation(s) / Acres	Map	Management Intent	Resources and Uses
A-18 Kuparuk River	Ha/Og 1,768	Map 3-2.2	<p>The unit is to be managed for its habitat and oil and gas resource values. All development must also consider potential impacts on the habitat and harvest values and include general mitigation measures that will avoid, minimize, or mitigate negative impacts. Also maintain opportunities for material sale/extraction in the area.</p> <p>Lands within this unit have been identified by the NSB as potential municipal entitlement selections. If a subsequent municipal entitlement decision determines that it is otherwise appropriate to convey state land to the borough, then the Ha/Og designation is extinguished and replaced by Rm designation that converts to a conveyable classification. This action affects only the area of the municipal entitlement selection.</p> <p>Consult with the ADF&G and USFWS prior to authorization issuance to ensure wildlife resources are protected and include stipulations to minimize impacts as needed.</p> <p>Protect known heritage sites and maintain important harvest/ subsistence opportunities.</p> <p>Lands with infrastructure that is critical for oil and gas development, maintenance, or operations not approved for conveyance shall be retained in state ownership.</p> <p>Lands are available for lease, permit, or other less-than-fee disposal.</p>	<p>This unit is comprised of two smaller subunits that have been selected by the NSB as a potential municipal entitlement selection adjacent to the Kuparuk River. The first subunit is located approximately five miles from the Beaufort coast with the second subunit approximately eight miles from the coast. Terrain includes channels of the river, small lakes and ponds.</p> <p>All of the lands in this unit have been identified for potential future selection by the NSB. A small designated material site is located in the northern subunit.</p> <p>Caribou calving and musk ox concentrations are indicated for both subunits. In the northern subunit, caribou insect relief habitat and polar bear denning habitat is indicated including maternal denning.</p> <p>Dispersed subsistence occurs throughout the unit.</p>
A-19 PUT 23 West	Ha/Og 3,979ac	Map 3-2.2	<p>The unit is to be managed for its habitat and oil and gas resource values. All development must also consider potential impacts on the habitat and harvest values and include general mitigation measures that will avoid, minimize, or mitigate negative impacts. Also maintain opportunities for material sale/extraction in the area.</p> <p>Lands within this unit have been identified by the NSB as potential municipal entitlement selections. If a subsequent municipal entitlement decision determines that it is otherwise appropriate to convey state land to the borough, then the Ha/Og designation is extinguished and replaced by Rm designation that converts to a conveyable classification. This action affects only the area of the municipal entitlement selection.</p> <p>Lands within the proposed AKLNG and ASAP Rights-of-Way and other lands with infrastructure that is critical for oil and gas</p>	<p>This unit is comprised of two subunits. The larger subunit is north of PUT 23 on the west side of Prudhoe Bay. The second subunit is immediately adjacent to PUT 23 on the southeastern side.</p> <p>The entirety of the unit has been identified as potential municipal entitlement selections and a small portion of the southern subunit was rejected for conveyance through a previous decision.</p> <p>Roads, pipelines, and facilities related to oil and gas development and exploration are present. The unit has moderate sand and gravel materials potential. The proposed right-of-way for a natural gas pipeline also exists in the unit (ASAP line ADL 418997). A portion of the AKLNG proposed ROW exists within this unit.</p>

Unit # / Name	Designation(s) / Acres	Map	Management Intent	Resources and Uses
A-20 East Dock Uplands	Ha/Og 4,084ac	Map 3-2.2	<p>development, maintenance, or operations shall be retained in state ownership.</p> <p>Consult with the ADF&G and USFWS prior to authorization issuance to ensure wildlife resources are protected and include stipulations to minimize impacts as needed.</p> <p>Protect known heritage sites and maintain important harvest/ subsistence opportunities.</p> <p>Lands are available for lease, permit, or other less-than-fee disposal.</p>	<p>Caribou calving is indicated for both subunits as is Polar bear denning habitat. Insect relief habitat for caribou is indicated in the northern subunit while the southern unit has musk ox concentrations.</p> <p>Dispersed subsistence occurs throughout the unit.</p>
			<p>The unit is to be managed for its habitat and oil and gas resource values. All development must also consider potential impacts on the habitat and harvest values and include general mitigation measures that will avoid, minimize, or mitigate negative impacts. Also maintain opportunities for material sale/extraction in the area.</p> <p>Lands within this unit have been identified by the NSB as potential municipal entitlement selections. If a subsequent municipal entitlement decision determines that it is otherwise appropriate to convey state land to the borough, then the Ha/Og designation is extinguished and replaced by Rm designation that converts to a conveyable classification. This action affects only the area of the municipal entitlement selection.</p> <p>Consult with the ADF&G and USFWS prior to authorization issuance to ensure wildlife resources are protected and include stipulations to minimize impacts as needed.</p> <p>Protect known heritage sites and maintain important harvest/ subsistence opportunities.</p> <p>Lands with infrastructure that is critical for oil and gas development, maintenance, or operations not approved for conveyance shall be retained in state ownership.</p> <p>Lands are available for lease, permit, or other less-than-fee disposal.</p>	<p>This unit is located immediately adjacent to the East Dock Tidelands Unit west of the Sagavanirktok River. The terrain is flat with wetlands and small ponds or lakes.</p> <p>The entirety of the unit has been identified as potential municipal entitlement selections by the NSB. Portions of the unit have been approved for conveyance to the NSB through a previous decision while other areas have been rejected for conveyance through a previous decision.</p> <p>Roads, pipelines, and facilities related to oil and gas development and exploration are present. The unit has moderate sand and gravel materials potential.</p> <p>The entire unit is indicated as having caribou calving and insect relief habitat, polar bear denning habitat including maternal dens, and concentrated habitat for musk ox. Waterfowl and other avian species utilize the available habitat too.</p> <p>Dispersed subsistence occurs throughout the unit.</p>

Unit # / Name	Designation(s) / Acres	Map	Management Intent	Resources and Uses
A-21 Endicott Road	Ha/Og 2,318ac	Map 3-2.2	<p>The unit is to be managed for its habitat and oil and gas resource values. All development must also consider potential impacts on the habitat and harvest values and include general mitigation measures that will avoid, minimize, or mitigate negative impacts. Also maintain opportunities for material sale/extraction in the area.</p> <p>Lands within this unit have been identified by the NSB as potential municipal entitlement selections. If a subsequent municipal entitlement decision determines that it is otherwise appropriate to convey state land to the borough, then the Ha/Og designation is extinguished and replaced by Rm designation that converts to a conveyable classification. This action affects only the area of the municipal entitlement selection.</p> <p>Lands within the proposed AKLNG right-of-way and other lands with infrastructure that is critical for oil and gas development, maintenance, or operations not approved for conveyance shall be retained in state ownership.</p> <p>Consult with the ADF&G and USFWS prior to authorization issuance to ensure wildlife resources are protected and include stipulations to minimize impacts as needed.</p> <p>Protect known heritage sites and maintain important harvest/subsistence opportunities.</p> <p>Lands are available for lease, permit, or other less-than-fee disposal.</p>	<p>This unit is located east of the Sagavanirktok River and is bisected by the Endicott Road. Two existing designated material sites are within the unit. The terrain is flat with numerous abandoned channels, ponds, and wetlands.</p> <p>The entirety of the unit has been identified as potential municipal entitlement selections by the NSB.</p> <p>Roads, pipelines, and facilities related to oil and gas development and exploration are present. The unit has moderate sand and gravel materials potential. A portion of the AKLNG proposed ROW exists within this unit.</p> <p>The entire unit is indicated as having caribou calving as is concentrated habitat for musk ox. Polar bear denning habitat is indicated in the northern portion of this small unit. Waterfowl and other avian species utilize the available habitat too.</p> <p>Dispersed subsistence occurs throughout the unit.</p>
A-22 Deadhorse East	Wr 63ac	Map 3-2.2	<p>Unit should continue to be managed by the NSB for production of water.</p> <p>Lands within this unit have been identified by the NSB as potential municipal entitlement selections. If a subsequent municipal entitlement decision determines that it is otherwise appropriate to convey state land to the borough, then the Wr designation is extinguished and replaced by Rm designation that converts to a conveyable classification. This action affects only the area of the municipal entitlement selection.</p>	<p>This unit consists of the diked portion of the Sagavanirktok River that is the source of water for the Deadhorse water purification plant. The entire unit is currently managed by the NSB under a Public and Charitable lease (ADL 418460).</p> <p>The entirety of the unit has been identified as potential municipal entitlement selections by the NSB.</p> <p>The entire unit is indicated as caribou calving and musk ox concentration habitat, however, since the majority of the unit is open water it is unlikely used by those species.</p>

Unit # / Name	Designation(s) / Acres	Map	Management Intent	Resources and Uses
A-23	Ma	Map 3-2.1	Lands shall be managed to continue to provide material resources for use in the maintenance and development operations and use in communities on the North Slope.	This unit is comprised of 13 subunits dispersed across the Arctic Coast Region. All of the subunits are designated material sites authorized by ADNR under multiple ADLs.
Material Sites	1,770ac	Map 3-2.2	These lands shall remain in state ownership.	A portion of the AKLNG proposed ROW exists within three of the subunits.
Map 3-2.3				

Map 3-2.1: Arctic Coast Region West Planning Units and Designations

Map 3-2.2: Arctic Coast Region Central Planning Units and Designations

Map 3-2.3: Arctic Coast Region East Planning Units and Designations

