

APPENDIX 4.D.2

North Dakota Federal and State Wildlife Species of Concern

Hiland Operating, LLC
Route Certificate Application Exhibits
6-inch Natural Gas Liquids Pipeline – Burke and Divide Counties

TABLE 4.D.2.A							
NORTH DAKOTA'S WILDLIFE SPECIES OF CONCERN							
Common Name	Scientific Name	Global	State	USFWS	USFS	CWCS	Habitat
Birds							
Avocet: American	<i>Recurvirostra americana</i>	G5	S?B			II	Aquatic/wetland habitat
Bittern: American	<i>Botaurus lentiginosus</i>	G4	S?B			I	Aquatic/wetland habitat
Bluebird: Eastern	<i>Sialia sialis</i>	G5	SU				Open forests, woodlands, grazed grassland
Bobolink	<i>Dolichonyx oryzivorus</i>	G5	S?B			II	Tall-grass prairie, hayland, cropland
Bufflehead	<i>Bucephala albeola</i>	G5	S4				Aquatic/wetland habitat
Bunting: Lark	<i>Calamospiza melanocorys</i>	G5	S?B			I	Sagebrush, sage prairie
Canvasback	<i>Aythya valisineria</i>	G5	S?B			II	Aquatic/wetland habitat
Cardinal: Northern	<i>Cardinalis cardinalis</i>	G5	S4				Wood margins on moist sites
Chat: Yellow-Breasted	<i>Icteria virens</i>	G5	SU				Dense thickets, north-facing slopes
Chicken: Greater Prairie	<i>Tympanuchus cupido pinnatus</i>	G4T4	S2		S	II	Native tall-grass prairie
Crane: Sandhill	<i>Grus canadensis</i>	G5	SU				Shallow wetlands
Crane: Whooping	<i>Grus americana</i>	G1	SX	E, XN		III	Aquatic/wetland habitats
Cuckoo: Black-Billed	<i>Coccyzus erythrophthalmus</i>	G5	S?B			I	Woodlands, thickets, prairie shrub, shelterbelt
Cuckoo: Yellow-Billed	<i>Coccyzus americanus</i>	G5	SU				Deciduous riparian woodlands, parks
Curlew: Eskimo	<i>Numenius borealis</i>	GH	S?	E			Wetlands, grasslands, pastures
Curlew: Long-billed	<i>Numenius americanus</i>	G5	S2		S	I	Aquatic/wetland habitats, extreme SW counties
Dickcissel	<i>Spiza americana</i>	G5	S?B			II	Alfalfa, sweet clover, brushy grasslands
Eagle: Bald	<i>Haliaeetus leucocephalus</i>	G5	S1			II	Forested areas near water
Eagle: Golden	<i>Aquila chrysaetos</i>	G5	S3			II	Badland buttes and adjoining native prairie
Egret: Cattle	<i>Bubulcus ibis</i>	G5	S4				Wetland habitat, crop fields, pastures
Falcon: Peregrine	<i>Falco peregrinus</i>	G4T4	S1		S	III	Undisturbed areas with cliffs and prey
* Data provided by the USFWS, USFS, ND Game & Fish Dept., North Dakota Natural Heritage Program, and NatureServe.							

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TABLE 4.D.2.A (CONTINUED)							
NORTH DAKOTA'S WILDLIFE SPECIES OF CONCERN							
Common Name	Scientific Name	Global	State	USFWS	USFS	CWCS	Habitat
Birds							
Falcon: Prairie	<i>Falco mexicanus</i>	G5	S3			II	Badlands, cliffs, buttes in west ND
Flycatcher: Alder	<i>Empidonax alnorum</i>	G5	SU				Low bushes in wet areas, woodlands
Flycatcher: Olive-Sided	<i>Contopus cooperi</i>	G4	S?				Burned-over forests, woodland
Godwit: Marbled	<i>Limosa fedoa</i>	G5	SU			I	Aquatic/wetland habitat
Goldeneye: Common	<i>Bucephala clangula</i>	G5	S3				Aquatic/wetland habitat
Goshawk: Northern	<i>Accipiter gentilis</i>	G5	S?				Conifer-dominated hardwoods
Grebe: Horned	<i>Podiceps auritus</i>	G5	S?B			I	Aquatic/wetland habitat
Grebe: Red-Necked	<i>Podiceps grisegena</i>	G5	SU				Aquatic/wetland habitat
Grosbeak: Blue	<i>Passerina caerulea</i>	G5	SU				Deciduous woodlands, scattered shrubs, dry fields
Grouse: Greater Sage	<i>Centrocercus urophasianus</i>	G4	SU		S	II	Sagebrush
Grouse: Sharp-Tailed	<i>Tympanuchus phasianellus</i>	G4	S?			II	Mixed-grass prairie, patches of woody vegetation
Gull: Franklin's	<i>Larus pipixcan</i>	G4G5	S?B			I	Aquatic/wetland habitats
Harrier: Northern	<i>Circus cyaneus</i>	G5	S?B S?N			II	Upland grasses near water
Hawk: Cooper's	<i>Accipiter cooperii</i>	G5	SU				Brushy woodlands along major streams
Hawk: Ferruginous	<i>Buteo regalis</i>	G4	SU			I	Native prairie, trees, cliffs
Hawk: Swainson's	<i>Buteo swainsoni</i>	G5	SU			I	Open plains and prairies
Heron: Green	<i>Butorides virescens</i>	G5	S3				Aquatic/wetland habitat
Ibis: White-Faced	<i>Plegadis chihi</i>	G5	SU				Shallow marshes, islands w/ emergent vegetation
Jay: Gray	<i>Perisoreus canadensis</i>	G5	SR				Coniferous, mixed forests
Longspur: Chestnut-Collared	<i>Calcarius ornatus</i>	G5	S?B			I	Grazed/hayed mixed-grass prairie
Longspur: McCown's	<i>Calcarius mccownii</i>	G4	S2			III	Arid, grazed, mix-grass prairie,
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TABLE 4.D.2.A (CONTINUED)							
NORTH DAKOTA'S WILDLIFE SPECIES OF CONCERN							
Common Name	Scientific Name	Global	State	USFWS	USFS	CWCS	Habitat
Birds							
Loon: Common	<i>Gavia immer</i>	G5	S4				Lakes with herbaceous shorelines
Merganser: Common	<i>Mergus merganser</i>	G5	SH				Aquatic/wetland habitat
Merganser: Hooded	<i>Lophodytes cucullatus</i>	G5	S3				Aquatic/wetland habitat
Merlin	<i>Falco columbarius</i>	G5	S2				Forests near water
Mockingbird: Northern	<i>Mimus polyglottos</i>	G5	SU				Parklands, cultivated land
Nuthatch: Red-Breasted	<i>Sitta canadensis</i>	G5	S4				Woodlands
Osprey	<i>Pandion haliaetus</i>	G5	SU				Habitats near lakes, large rivers
Owl: Barred	<i>Strix varia</i>	G5	SU				Dense thickets, forests
Owl: Burrowing	<i>Athene cucicularia</i>	G4	SU		S	II	Grasslands with abandoned burrows
Owl: Long-Eared	<i>Asio otus</i>	G5	SU				Dense vegetation adjacent to grass/shrublands, open forest
Owl: Short-Eared	<i>Asio flammeus</i>	G5	S?B S?N			II	Prairie, hayfields, stubble fields
Pelican: American White	<i>Pelecanus erythrorhynchos</i>	G4	S?B			I	Aquatic/wetland habitat
Pewee: Western Wood	<i>Contopus sordidulus</i>	G5	S4				Mature cottonwoods along the Little Missouri River
Phalarope: Wilson's	<i>Phalaropus tricolor</i>	G5	S?B			I	Aquatic/wetland habitat
Pigeon: Passenger	<i>Ectopistes migratorius</i>	GX	SX				Eastern deciduous forests
Pintail: Northern	<i>Anas acuta</i>	G5	S?B			II	Aquatic/wetland habitat
Pipit: Sprague's	<i>Anthus spragueii</i>	G4	S3		S	I	Grazed prairie
Plover: Mountain	<i>Charadrius montanus</i>	G2	SX	PT			Dry short grass prairie, sagebrush
Plover: Piping	<i>Charadrius melodus</i>	G3	S1/S2	T, CH		II	Sand/gravel shore, avoid dense vegetation
Poorwill: Common	<i>Phalaenoptilus nuttallii</i>	G5	S4				Shrub areas, prairie, open woodlands
Rail: Yellow	<i>Coturnicops noveboracensis</i>	G4	S2			I	Aquatic/wetland habitats
Raven: Common	<i>Corvus corax</i>	G5	SU				Along rivers and streams
Redhead	<i>Aythya americana</i>	G5	S?B			II	Aquatic/wetland habitat
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TABLE 4.D.2.A (CONTINUED)							
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Common Name	Scientific Name	Global	State	USFWS	USFS	CWCS	Habitat
Birds							
Sandpiper: Upland	<i>Bartramia longicauda</i>	G5	S?B			I	Dry, open mixed-grass prairie
Scoter: White-Winged	<i>Melanitta fusca</i>	G5	SX				Dense underbrush near ponds, lakes, oxbows, islands
Shrike: Loggerhead	<i>Lanius ludovicianus</i>	G4	SU		S	II	Open country, wooded coulees, shelterbelts
Sparrow: Baird's	<i>Ammodramus bairdii</i>	G4	SU		S	I	Native prairies & grasslands
Sparrow: Brewer's	<i>Spizella breweri</i>	G5	S3			III	Dense sagebrush, short-grass prairie
Sparrow: Grasshopper	<i>Ammodramus savannarum</i>	G5	S?B			I	Mixed-grass prairie, meadows, hayfields
Sparrow: Henslow's	<i>Ammodramus henslowii</i>	G4	S?				Uncultivated grasslands, wet meadows, tall grass fields
Sparrow: Le Conte's	<i>Ammodramus leconteii</i>	G4	SU			II	Fens, wet meadows, marshes, sedges
Sparrow: Nelson's Sharp-Tailed	<i>Ammodramus nelsoni</i>	G5	SU			I	Fens, shallow marshes, lakes
Sparrow: Swamp	<i>Melospiza georgiana</i>	G5	S3				Fens with cattail, phragmites
Sparrow: White-Throated	<i>Zonotrichia albicollis</i>	G5	S3				Mature quaking aspen, dense understory
Swan: Trumpeter	<i>Cygnus buccinator</i>	G4	SX				Aquatic/wetland habitats
Tanager: Scarlet	<i>Piranga olivacea</i>	G5	SU				Woodlands, riparian areas
Tanager: Western	<i>Piranga ludoviciana</i>	G5	SU				Open pine, mixed forests, wooded edges
Teal: Cinnamon	<i>Anas cyanoptera</i>	G5	S3				Aquatic/wetland habitat
Tern: Black	<i>Chlidonias niger</i>	G4	S?B			I	Aquatic/wetland habitat
Tern: Common	<i>Sterna hirundo</i>	G5	SU				Sparsely vegetated sand/gravel bars
Tern: Forster's	<i>Sterna forsteri</i>	G5	SU				Large marshes w/ extensive vegetation
Tern: Interior Least	<i>Sterna antillarum</i>	G4	S1	E		II	Sparsely vegetated sand bars
Thrush: Wood	<i>Hylocichla mustelina</i>	G5	SU				Interior and edges of deciduous and mixed forests
Vireo: Bell's	<i>Vireo bellii</i>	G5	S3				Riparian areas, brushy fields, aspen thickets
Vireo: Philadelphia	<i>Vireo philadelphicus</i>	G5	S3				Deciduous woods, woodland edges, parklands
Vireo: Solitary	<i>Vireo solitaries</i>	G5	S?				Coniferous, mixed open forests and edges

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TABLE 4.D.2.A (CONTINUED)							
NORTH DAKOTA'S WILDLIFE SPECIES OF CONCERN							
Common Name	Scientific Name	Global	State	USFWS	USFS	CWCS	Habitat
Birds							
Vulture: Turkey	<i>Cathartes aura</i>	G5	S4				Brushy woodlands/open expanses of prairie
Warbler: Audubon's	<i>Dendroica coronate auduboni</i>	G5T5	S3				Coniferous forests
Warbler: Canada	<i>Wilsonia canadensis</i>	G5	SU				Low trees, shrubs, underbrush
Warbler: Cerulean	<i>Dendroica cerulea</i>	G4	S?				Mature deciduous forest, floodplain
Warbler: Chestnut-Sided	<i>Dendroica pensylvanica</i>	G5	S3				Dense thickets of young deciduous forests
Warbler: Golden-Winged	<i>Vermivora chrysoptera</i>	G4	S3				Deciduous woodlands
Warbler: Mourning	<i>Oporornis philadelphia</i>	G5	S4				Trees, shrubs, red raspberries
Warbler: Orange-Crowned	<i>Vermivora celata</i>	G5	S4				Woodlands, riparian areas
Waterthrush: Northern	<i>Seiurus noveboracensis</i>	G5	S4				Wetlands, woody plants
Whip-Poor-Will	<i>Caprimulgus vociferus</i>	G5	SH				Woods near fields
Willet	<i>Catoptrophorus semipalmatus</i>	G5	SU			I	Aquatic/wetland habitat
Woodcock: American	<i>Scolopax minor</i>	G5	SU				Open forests, abandoned farmland
Woodpecker: Pileated	<i>Dryocopus pileatus</i>	G5	S3				Forests, woodlands
Woodpecker: Red-Bellied	<i>Melanerpes carolinus</i>	G5	SU				Woods, edges, farms, swamps
Woodpecker: Red-Headed	<i>Melanerpes erythrocephalus</i>	G5	S?B			II	Trees by rivers, shelterbelts, wooded areas
Wren: Sedge	<i>Cistothorus platensis</i>	G5	S?B			II	Wet meadows, tall grasses & sedges
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TABLE 4.D.2.B							
NORTH DAKOTA'S WILDLIFE SPECIES OF CONCERN							
Common Name	Scientific Name	Global	State	USFWS	USFS	CWCS	Habitat
Mammals							
Bat: Townsend's Big-Eared	<i>Corynorhinus townsendii</i>	G4	S?		S		Caves, abandoned mines, rocky ledge and overhangs
Bear: Black	<i>Ursus americanus</i>	G5	SX				Forests, brushy areas
Bison: American	<i>Bos bison</i>	G4	SX				Prairie, open woodlands
Bobcat	<i>Lynx rufus</i>	G5	SU				Forests, broken terrain
Cottontail: Mountain	<i>Sylvilagus nuttallii</i>	G5	SX				Sagebrush, woodlands
Elk	<i>Cervus canadensis</i>	G5	SU				Forests, plains, valleys
Ferret: Black-Footed	<i>Mustela nigripes</i>	G1	S1	E		II	Short grass prairie where prairie dog towns occur.
Fisher	<i>Martes pennanti</i>	G5	S2				Dense forests
Fox: Common Gray	<i>Urocyon cinereoargenteus</i>	G5	SU				Brushy vegetation, forests
Fox: Swift	<i>Vulpes velox</i>	G3	S1			II	Short mixed-grass prairie tracts
Lion: Mountain	<i>Puma concolor</i>	G5	S2				Mountainous, undisturbed areas
Lynx	<i>Lynx canadensis</i>	G5	SX				Dense conifer forests
Mouse: Hispid Pocket	<i>Chaetodipus hispidus</i>	G5	S4			III	Short and mixed-grass prairie
Mouse: Meadow Jumping	<i>Zapus hudsonius</i>	G5	S?				Moist lowland habitats
Mouse: Plains Pocket	<i>Perognathus flavescens</i>	G5	SU			III	Sandy areas covered with grass in SE North Dakota
Myotis: Fringed	<i>Myotis thysanodes</i>	G4G5	S?		S		Badland area of western North Dakota
Myotis: Long-Eared	<i>Myotis evotis</i>	G5	SU		S	III	Western North Dakota
Myotis: Long-Legged	<i>Myotis volans</i>	G5	SU		S	III	Western North Dakota
Myotis: Northern	<i>Myotis septentrionalis</i>	G4	SU				Forest, woodland habitat
Myotis: Western Small-Footed	<i>Myotis ciliolabrum</i>	G5	SU			III	Extreme western North Dakota
Opossum: Virginia	<i>Dedelphis virginiana</i>	G5	SU				Wooded areas along rivers and streams
Otter: Northern River	<i>Lutra canadensis</i>	G5	S1			II	Rivers, streams near wooded areas
Prairie Dog: Black-Tailed	<i>Cynomys ludovicianus</i>	G3G4	SU		S	I	Short grass of grazed rangeland in SW North Dakota
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TABLE 4.D.2.B (CONTINUED)							
NORTH DAKOTA'S WILDLIFE SPECIES OF CONCERN							
Common Name	Scientific Name	Global	State	USFWS	USFS	CWCS	Habitat
Mammals							
Pronghorn Antelope	<i>Antilocapra americana</i>	G5	S?				Open range, rough sagebrush flats, badlands
Rat: Ord's Kangaroo	<i>Dipodomys ordii</i>	G5	S4				Grasslands, shrublands
Sheep: Bighorn	<i>Ovis canadensis</i>	G4T4	S2		S		Rugged terrain, rocky slopes, badlands
Shrew: Arctic	<i>Sorex arcticus</i>	G5	S?			III	Moist, grassy openings in forested areas
Shrew: Pygmy	<i>Sorex hoyi</i>	G5	SU			II	Forested areas in drift prairie & Red River Valley
Shrew: Water	<i>Sorex palustris</i>	G5	SR				Grassy/shrubby areas near streams, ponds, lakes
Skunk: Eastern Spotted Skunk	<i>Spilogale putoris</i>	G5	S1			III	Riparian woodlands, densely vegetated
Squirrel: Southern Flying	<i>Glaucomys volans</i>	G5	SR				Heavy deciduous forests
Squirrel: Richardson's Ground	<i>Spermophilus richardsonii</i>	G5	S?			II	Open grasslands, cultivated fields, pastures
Vole: Sagebrush	<i>Lemmyscus curtatus</i>	G5	S4			III	Extreme western North Dakota
Wolf, Gray	<i>Canis lupus</i>	G4	SX	E		III	Forested areas
Wolverine	<i>Gulo gulo</i>	G4	SX				Boreal forests
Wolverine: North American	<i>Gulo gulo luscus</i>	G4T4	SX				Boreal forests
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TABLE 4.D.2.C							
NORTH DAKOTA'S WILDLIFE SPECIES OF CONCERN							
Common Name	Scientific Name	Global	State	USFWS	USFS	CWCS	Habitat
Reptiles							
Lizard: Short-Horned	<i>Phrynosoma hernandesi</i>	G5	S?			II	Badlands
Lizard: Northern Sagebrush	<i>Sceloporus graciosus</i>	G5	S4			III	Sagebrush, open flats, forested slopes near water
Skink: Northern Prairie	<i>Eumeces septentrionalis</i>	G5	S2S3			III	Sandy areas in grasslands
Snake: Redbelly	<i>Storeria occipitomaculata</i>	G5	S?			II	Woodlands in drift prairie, Red River Valley
Snake: Smooth Green	<i>Liochlorophis vernalis</i>	G5	S?			I	Grasslands, uplands of hills
Snake: Western Hognose	<i>Heterodon nasicus</i>	G5	S?			I	Sand/gravel habitats near rivers
Turtle: Common Snapping	<i>Chelydra serpentina</i>	G5	S?			II	Warm water lakes/rivers, muddy bottoms
Turtle: False Map	<i>Graptemys pseudogeographica</i>	G5	SU			III	Lower Missouri River System
Turtle: Smooth Softshell	<i>Apalone mutica</i>	G5	SU			III	Lower Missouri River System
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TABLE 4.D.2.D							
NORTH DAKOTA'S WILDLIFE SPECIES OF CONCERN							
Common Name	Scientific Name	Global	State	USFWS	USFS	CWCS	Habitat
Amphibians							
Frog: Northern Leopard	<i>Rana pipiens</i>	G5	S?				Aquatic/wetland habitat
Mudpuppy	<i>Necturus maculosus</i>	G5	S4				Red River
Toad: Canadian	<i>Bufo hemiophrys</i>	G4	S?			I	Aquatic/wetland habitat
Toad: Plains Spadefoot	<i>Spea bombifrons</i>	G5	S?			I	Dry grasslands, loose soils, shallow pools
Treefrog: Gray	<i>Hyla versicolor</i>	G5	S4				Aspen woodlands
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TABLE 4.D.2.E							
NORTH DAKOTA'S WILDLIFE SPECIES OF CONCERN							
Common Name	Scientific Name	Global	State	USFWS	USFS	CWCS	Habitat
Fish							
Bullhead: Yellow	<i>Ameiurus natalis</i>	G5	SX			III	Backwater, slow-moving sections of rivers, soft bottoms
Catfish: Flathead	<i>Pylodictis olivaris</i>	G5	S4			III	Pools, lakes, slower waters,
Chub: Flathead	<i>Platygobio gracilis</i>	G5	S?			II	Turbid waters, swift current, sand/gravel bottoms
Chub: Hornyhead	<i>Nocomis biguttatus</i>	G5	S3			III	Forest River in NE North Dakota
Chub: Sicklefin	<i>Macrhybopsis meeki</i>	G3	S2			I	Deep rivers, swift current, muddy waters
Chub: Silver	<i>Macrhybopsis storeriana</i>	G5	S?			II	Deeper pools, sandy backwater, large rivers
Chub: Sturgeon	<i>Macrhybopsis gelida</i>	G3	S2			I	Rocky rapids, high turbidity, swift currents
Chubsucker: Lake	<i>Erimyzon sucetta</i>	G5	S?				Ponds, lakes, oxbows, sloughs, clear water
Dace: Finescale	<i>Phoxinus neogaeus</i>	G5	SU			III	Pools, slow moving waters
Dace: Northern Redbelly	<i>Phoxinus eos</i>	G5	S4		S2	II	Slower rivers with some vegetation
Dace: Pearl	<i>Margariscus margarita</i>	G5	S3			I	Missouri & Red River systems
Darter: River	<i>Percina shumardi</i>	G5	SU			III	Red River
Lamprey: Chestnut	<i>Ichthyomyzon castaneus</i>	G4	S?			III	Red River
Lamprey: Silver	<i>Ichthyomyzon unicuspis</i>	G5	S?			III	Red River
Logperch	<i>Percina caprodes</i>	G5	S3			III	Red River
Minnow: Western Silvery	<i>Hybognathus argyritis</i>	G4	S?				Large prairie streams, silt/sand bottoms
Paddlefish	<i>Polyodon spathula</i>	G4	S?			II	Large free flowing rivers with zooplankton
Perch: Trout	<i>Percopsis omiscomaycus</i>	G5	S?			II	Deep pools, rivers, streams, sandy bottoms
Redhorse: Greater	<i>Moxostoma valenciennesi</i>	G4	S2				Large streams, clear waters
Shiner: Blacknose	<i>Notropis heterolepis</i>	G4	S3			III	Pools with vegetation
Shiner: Pugnose	<i>Notropis anogenus</i>	G3	S1			III	Clear water with vegetation
Shiner: Rosyface	<i>Notropis rubellus</i>	G5	S3			III	Pools with current
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Common Name	Scientific Name	Global	State	USFWS	USFS	CWCS	Habitat
Fish							
Stoneroller: Central	<i>Campostoma anomalum</i>	G5	S3			III	Forest River in NE North Dakota
Sturgeon: Lake	<i>Acipenser fulvescens</i>	G3G4	SX				Large, clear rivers/lakes w/ gravel bottoms
Sturgeon: Pallid	<i>Scaphirhynchus albus</i>	G2	S1	E		II	Large, turbid rivers with sand/gravel bottom
Sucker: Blue	<i>Cycleptus elongatus</i>	G3G4	S3			I	Large rivers, strong current, high turbidity
* Data provided by the USFWS, USFS, ND Game & Fish Dept., North Dakota Natural Heritage Program, and NatureServe.							

TABLE 4.D.2.F							
NORTH DAKOTA'S WILDLIFE SPECIES OF CONCERN							
Common Name	Scientific Name	Global	State	USFWS	USFS	CWCS	Habitat
Insects							
Beetle	<i>Bembidion henshawi</i>	G?	S?				Insufficient Data
Beetle	<i>Dyschirius criddlei</i>	G?	S?				Insufficient Data
Beetle	<i>Tachys halophilus</i>	G?	S?				Insufficient Data
Beetle: Flea	<i>Altica nancyae</i>	GNR	S2				Range grasses
Beetle: Longhorn	<i>Megacyllene powersi</i>	G?	SU				Sandhills
Beetle: Scarab	<i>Cremastocheilus nitens</i>	G3G5	S3				Adults - sand Larvae - ant hills
Beetle: Tiger	<i>Cicindela formosa</i>	G5	SU				Open sand, hilly areas
Checkerspot: Acastus	<i>Chlosyne acastus</i>	G4G5	S?				Insufficient Data
Chlorochroan Bug: Belfragi's	<i>Chlorochroa belfragii</i>	G?	S?				Native wet prairie habitats
Crescent: Tawny	<i>Phyciodes batesii</i>	G4	S3		S		Woodlands, native prairie with dogbane, leafy spurge
Fritillary: Regal	<i>Speyeria idalia</i>	G3	S2		S		Tall grass areas, damp meadows with blazing star, milkweed, thistle
Mayfly	<i>Apobaetis lakota</i>	G1	S?				Insufficient Data
Skipper: Arogos	<i>Atrytone arogos iowa</i>	G3G4 T3T4	S?		S		Native prairie with purple vetch, Canada thistle, purple coneflower
* Data provided by the USFWS, USFS, ND Game & Fish Dept., North Dakota Natural Heritage Program, and NatureServe.							

Hiland Operating, LLC
Route Certificate Application Exhibits
6-inch Natural Gas Liquids Pipeline – Burke and Divide Counties

TABLE 4.D.2.F (CONTINUED)							
NORTH DAKOTA'S WILDLIFE SPECIES OF CONCERN							
Common Name	Scientific Name	Global	State	USFWS	USFS	CWCS	Habitat
Insects							
Skipper: Broad-Winged	<i>Poanes viator</i>	G5	S2		S		Tall marsh grass with hairy sedge, swamp milkweed
Skipper: Dakota	<i>Hesperia dacotae</i>	G2	S2	C	S		Native tall grass prairie with white camass
Skipper: Dion	<i>Euphyes dion</i>	G4	S1		S		Sedge marshes, cattails, swamp milkweed
Skipper: Ottoe	<i>Hesperia ottoe</i>	G3G4	S?		S		Native prairie hilltops with coneflower
Skipper: Powesheik	<i>Oarisma powesheik</i>	G2G3	S?		S		Undisturbed, tall grass meadows
Underwing: Manitoba	<i>Catocala praeclara manitoba</i>	G5TU	S?				Insufficient Data
Weevil	<i>Platysystrophus minutus</i>	G?	SU				Oak Trees, Sheyenne River
Wing: Mulberry	<i>Poanes massasoit</i>	G4	S2		S		Sedge meadows with upright sedge, dogwood
* Data provided by the USFWS, USFS, ND Game & Fish Dept., North Dakota Natural Heritage Program, and NatureServe.							

TABLE 4.D.2.G							
NORTH DAKOTA'S WILDLIFE SPECIES OF CONCERN							
Common Name	Scientific Name	Global	State	USFWS	USFS	CWCS	Habitat
Bivalves and Gastropods							
Heelsplitter: Creek	<i>Lasmigona compressa</i>	G5	S?			II	Sandy-bottomed headwaters
Heelsplitter: Pink	<i>Potamilus alatus</i>	G5	S4			II	Mud, gravel bottoms
Mapleleaf	<i>Quadrula quadrula</i>	G5	S3			II	Mud, sand, gravel bottoms
Papershell: Pink	<i>Potamilus ohiensis</i>	G5	SU			III	Sandy bottom of Bois de Sioux River
Pigtoe: Wabash	<i>Fusconaia flava</i>	G5	S4			II	Mud, sand, gravel bottoms
Sandshell: Black	<i>Ligumia recta</i>	G5	S4			II	Swift current, gravel/sand bottoms
Snail: Callused Vertigo	<i>Vertigo arthuri</i>	G2Q	S?				Moist, undisturbed forested areas, limestone/schist
Threeridge	<i>Amblema plicata</i>	G5	S?			II	Mud, sand, gravel bottoms
* Data provided by the USFWS, USFS, ND Game & Fish Dept., North Dakota Natural Heritage Program, and NatureServe.							