

APPENDIX K

Part I: Indirect Impact Area AHRs Sites and Place Name Tables

Part II: ASAP Draft Cultural Resources Management Plan

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Table T-1: AHRs Sites in the Indirect Impact Area – North Slope Region

AHRs	Site Name	Period	Resource Description
PSM-00068	One Bead Site	Protohistoric	
PSM-00022	PSM-00022	Prehistoric, Historic	
PSM-00055	Tea Lake Knoll	Prehistoric, Historic	Lithics, Tent ring
PSM-00095	PSM-00095	Prehistoric, Historic	
PSM-00177	PSM-00177	Prehistoric, Historic	Tent ring
PSM-00178	PSM-00178	Prehistoric, Historic	Lithics
PSM-00481	PSM-00481	Prehistoric, Historic	Historic remains, Bone frags, Flakes, Chert
SAG-00006	SAG-00006	Prehistoric, Historic	
PSM-00004	PSM-00004	Prehistoric	Faunal, Hearth, Lithics
PSM-00010	PSM-00010	Prehistoric	Lithics, Blades, Bifaces
PSM-00021	PSM-00021	Prehistoric	
PSM-00028	PSM-00028	Prehistoric	
PSM-00030	PSM-00030	Prehistoric	
PSM-00034	Campsite Site	Prehistoric	
PSM-00035	PSM-00035	Prehistoric	Lithics, Blades, Burin
PSM-00049	Mosquito Lake Archaeological Site	Prehistoric	Activity areas, Lithics, Tools, Rock rings
PSM-00056	Anaqpak	Prehistoric	
PSM-00057	IPNAQ	Prehistoric	Camp, Faunal, Charcoal
PSM-00058	No Name Knob	Prehistoric	Activity areas, Lithic remains, Hearths, Charcoal, Faunal remains
PSM-00060	Ribdon Site	Prehistoric	Activity Area, Lithic remains
PSM-00065	Parc Site	Prehistoric	
PSM-00066	Reject Site	Prehistoric	
PSM-00067	Q-C Site	Prehistoric	Activity area, Lithic remains, Fauna, FCR
PSM-00069	PSM-00069	Prehistoric	
PSM-00071	PSM-00071	Prehistoric	
PSM-00072	Station 1629 Site	Prehistoric	Lithics, Fauna, Hearths
PSM-00073	BLIP SITE	Prehistoric	
PSM-00074	ATIGUN I	Prehistoric	Camp, Lithic remains, Hearths, Bone
PSM-00076	Atigun II	Prehistoric	
PSM-00077	Atigun Moraine	Prehistoric	
PSM-00078	PSM-00078	Prehistoric	
PSM-00090	PSM-00090	Prehistoric	
PSM-00091	Great Northern	Prehistoric	
PSM-00092	PSM-00092	Prehistoric	
PSM-00093	PSM-00093	Prehistoric	
PSM-00094	PSM-00094	Prehistoric	
PSM-00096	PSM-00096	Prehistoric	
PSM-00101	PSM-00101	Prehistoric	
PSM-00102	PSM-00102	Prehistoric	
PSM-00103	PSM-00103	Prehistoric	
PSM-00104	PSM-00104	Prehistoric	
PSM-00105	PSM-00105	Prehistoric	
PSM-00106	PSM-00106	Prehistoric	
PSM-00107	PSM-00107	Prehistoric	Isolated find
PSM-00108	PSM-00108	Prehistoric	Tent ring
PSM-00112	PSM-00112	Prehistoric	Activity area, Lithics
PSM-00113	PSM-00113	Prehistoric	Activity area, Lithics
PSM-00114	PSM-00114	Prehistoric	Lithics
PSM-00169	PSM-00169	Prehistoric	Isolated find
PSM-00170	PSM-00170	Prehistoric	Isolated find
PSM-00171	PSM-00171	Prehistoric	Lithic isolate

AHRS	Site Name	Period	Resource Description
PSM-00173	PSM-00173	Prehistoric	Isolated finds
PSM-00174	PSM-00174	Prehistoric	
PSM-00179	PSM-00179	Prehistoric	Lithics
PSM-00182	PSM-00182	Prehistoric	
PSM-00183	PSM-00183	Prehistoric	
PSM-00185	PSM-00185	Prehistoric	
PSM-00189	PSM-00189	Prehistoric	
PSM-00190	PSM-00190	Prehistoric	Flakes, bone, point
PSM-00191	PSM-00191	Prehistoric	Activity area, Lithics
PSM-00193	PSM-00193	Prehistoric	Activity area, Lithics, Faunal remain
PSM-00194	PSM-00194	Prehistoric	
PSM-00195	PSM-00195	Prehistoric	Isolated find
PSM-00196	PSM-00196	Prehistoric	
PSM-00197	PSM-00197	Prehistoric	
PSM-00198	PSM-00198	Prehistoric	Lithics
PSM-00199	PSM-00199	Prehistoric	Faunal remains, FCR, Charcoal, Lithics
PSM-00200	PSM-00200	Prehistoric	Activity area, Lithics
PSM-00204	Atigun Archaeological District	Prehistoric	Archaeological
PSM-00256	PSM-00256	Prehistoric	
PSM-00380	PSM-00380	Prehistoric	
PSM-00387	PSM-00387	Prehistoric	
PSM-00388	PSM-00388	Prehistoric	
PSM-00400	PSM-00400	Prehistoric	Lithics
PSM-00402	PSM-00402	Prehistoric	Lithic scatter, Flakes, Chert
PSM-00403	PSM-00403	Prehistoric	Lithic scatter, Flakes, Flake core fragment
PSM-00404	Flake Scatter	Prehistoric	Lithics
PSM-00460	PSM-00460	Prehistoric	Lithics
PSM-00461	PSM-00461	Prehistoric	Lithics
PSM-00468	PSM-00468	Prehistoric	Tent ring
PSM-00470	PSM-00470	Prehistoric	Lithics, Core
PSM-00474	PSM-00474	Prehistoric	Activity area, Flakes, Chert
PSM-00476	PSM-00476	Prehistoric	Lithic scatter, Flakes, Bone fragments
PSM-00477	PSM-00477	Prehistoric	Lithic scatter, Flakes, Chert
PSM-00478	PSM-00478	Prehistoric	Isolated find, Flake, Chert
PSM-00479	PSM-00479	Prehistoric	Isolated find, Lithic, Flake, Pressure, Grey
PSM-00480	PSM-00480	Prehistoric	Lithic scatter, Flake, Secondary, Chert
PSM-00482	PSM-00482	Prehistoric	Lithic scatter, Flake, Obsidian, Chert
PSM-00483	PSM-00483	Prehistoric	Isolated find, Lithic, Flake, Chert
PSM-00484	PSM-00484	Prehistoric	Lithic scatter, Flakes, Mudstone
PSM-00486	PSM-00486	Prehistoric	Isolated find, Lithic, Core, Chert
PSM-00487	PSM-00487	Prehistoric	Isolated find, Lithic, Flake, Chert
PSM-00488	PSM-00488	Prehistoric	Camp, Tent rings, Lithics, Flakes, Core
PSM-00489	PSM-00489	Prehistoric	Lithic scatter, Flake, Biface, Mudstone
PSM-00491	PSM-00491	Prehistoric	Isolated find, Lithic, Flake, Chert
PSM-00492	PSM-00492	Prehistoric	Isolated find, Lithic, Tool, Chert
PSM-00493	PSM-00493	Prehistoric	Lithic scatter, Flakes, Chert, Depression
PSM-00495	PSM-00495	Prehistoric	Lithic scatter, Flakes, Core, Biface
PSM-00496	PSM-00496	Prehistoric	Lithic scatter, Flakes, Primary
PSM-00497	PSM-00497	Prehistoric	Lithic scatter, Flakes, Core, Biface
PSM-00498	PSM-00498	Prehistoric	Lithic remains, Flakes, Blades, Microblades
PSM-00499	PSM-00499	Prehistoric	Lithic remains, Flakes, Obsidian, Chert
PSM-00500	PSM-00500	Prehistoric	Lithic scatter, Flakes, Chert
PSM-00501	PSM-00501	Prehistoric	Isolated find, Lithic, Flake, Chert
PSM-00502	PSM-00502	Prehistoric	Lithic scatters, Scrapers, Flakes, Biface

AHRS	Site Name	Period	Resource Description
PSM-00503	PSM-00503	Prehistoric	Lithic scatter, Flakes, Reduction, Mudstone
PSM-00504	PSM-00504	Prehistoric	Lithic scatter, Flakes, Tertiary
PSM-00505	PSM-00505	Prehistoric	Lithic scatter, Flakes, Chert
PSM-00506	PSM-00506	Prehistoric	Lithic scatter, Flakes, Mudstone
PSM-00534	PSM-00534	Prehistoric	Isolated find, Flake
PSM-00571	PSM-00571	Prehistoric	Lithic scatter
PSM-00573	PSM-00573	Prehistoric	Lithic scatter
PSM-00576	PSM-00576	Prehistoric	Lithic scatter
PSM-00582	PSM-00582	Prehistoric	Lithic scatter
PSM-00583	PSM-00583	Prehistoric	Lithic scatter
PSM-00585	PSM-00585	Prehistoric	Lithic scatter
PSM-00586	PSM-00586	Prehistoric	Lithic scatter
PSM-00587	PSM-00587	Prehistoric	Lithic scatter
PSM-00588	PSM-00588	Prehistoric	Lithic scatter, Projectile point
PSM-00594	PSM-00594	Prehistoric	Activity area, Hearth, burnt bone, FCR
PSM-00596	PSM-00596	Prehistoric	Isolated find
PSM-00597	PSM-00597	Prehistoric	Lithic isolated find
PSM-00598	PSM-00598	Prehistoric	Lithic isolated find
PSM-00600	PSM-00600	Prehistoric	Lithic scatter
PSM-00603	PSM-00603	Prehistoric	Lithic scatter
PSM-00604	PSM-00604	Prehistoric	Lithic scatter
PSM-00605	PSM-00605	Prehistoric	Isolated find
PSM-00606	PSM-00606	Prehistoric	PSM-00606 is located north of Mosquito Lake, 350m SE of PSM-075 and PSM-076, 130m NE of PS
PSM-00607	PSM-00607	Prehistoric	Lithic scatter
SAG-00001	Sag River 5	Prehistoric	Cache
SAG-00005	Sagwon Bluffs 1	Prehistoric	Lithics, Faunal remains
SAG-00010	SAG RIVER 1	Prehistoric	Tent Ring
SAG-00011	SAG-00011	Prehistoric	
SAG-00013	SAG-FIND 1	Prehistoric	
SAG-00074	SAG-00074	Prehistoric	Lithics
SAG-00077	SAG-00077	Prehistoric	Lithic scatter, Flakes, Chert, Reduction
SAG-00095	SAG-00095	Prehistoric	Lithics
SAG-00106	SAG-00106	Prehistoric	Cache
PSM-00575	PSM-00575	Prehistoric	Lithic scatter
XBP-00007	Putuligayuk River Delta Overlook	Prehistoric	
PSM-00286	PA, 75ARR102	Paleontological	
PSM-00287	PA, 13263PC, 13295PC, 14987PC	Paleontological	
PSM-00288	PA, 970, 971, 12354PC, 12355PC, SEE PSM-00277	Paleontological	
PSM-00290	PA, 14981	Paleontological	
PSM-00292	PA, 13267PC, 14039PC, 14040PC	Paleontological	
PSM-00297	PA, 989	Paleontological	
PSM-00610	Paleontological Site	Paleontological	Paleontological site
PSM-00612	Paleontological Site	Paleontological	Paleontological Site
PSM-00613	Paleontological Site	Paleontological	Paleontological Site
PSM-00614	Paleontological Site	Paleontological	Paleontological Site
SAG-00059	PA, 962	Paleontological	
SAG-00060	PA, 963	Paleontological	Paleontological Site
SAG-00062	PA, 964	Paleontological	
SAG-00112	Paleontological Site	Paleontological	Paleontological Site

AHRS	Site Name	Period	Resource Description
SAG-00113	Paleontological Site	Paleontological	Paleontological Site
SAG-00114	Paleontological Site	Paleontological	Paleontological Site
PSM-00455	PSM-00455	Historic, Protohistoric	Camp, Tent rings, Faunal remains, Cans
PSM-00458	PSM-00458	Historic, Protohistoric	Faunal remains
PSM-00469	PSM-00469	Historic, Protohistoric	Faunal, Caribou
XBP-00128	Oil Exploration	Historic, Modern	Road
PSM-00031	PSM-00031	Historic	
PSM-00032	Narvavak	Historic	
PSM-00036	[NATREG] Anigagnauraq [AHRS] Aniganigurak	Historic	Settlement, Winter, Tent rings, Lithics
PSM-00070	PSM-00070	Historic	
PSM-00222	PSM-00222	Historic	Rock feature, Cache
PSM-00258	PSM-00258	Historic	
PSM-00376	PSM-00376	Historic	Isolated find
PSM-00389	PSM-00389	Historic	
PSM-00485	PSM-00485	Historic	Camp, Tent rings, Lookout, Lithics, Bone
PSM-00490	PSM-00490	Historic	Lookout, Hunting, Flake, Rifle casing
SAG-00009	Sag River 2	Historic	Tent Ring
SAG-00102	Hickel Highway Tripod 1	Historic	Wood tripod/marker
XBP-00056	Prudhoe Bay Oil Field Discovery Well Site	Historic	Discovery well
XBP-00078	Trappers Camp Pingo	Historic	
SAG-00008	Coleman Site (Sag River 3)	Historic	Tent rings, Ruins, Sod house
PSM-00418	B-5		
PSM-00419	B-6		
PSM-00420	B-7		
PSM-00424	B-18		
PSM-00425	B-19		
PSM-00436	B-37		
PSM-00437	B-38		
PSM-00438	B-39		
PSM-00440	B-41		
PSM-00441	B-42		
PSM-00445	B-49		
PSM-00446	B-50		
PSM-00447	B-51		
PSM-00448	B-53		
PSM-00452	B-64		
PSM-00453	B-67		
PSM-00454	PSM-00454		
PSM-00459	PSM-00459		Faunal
PSM-00464	N-12		
PSM-00466	Tin Can Site		
PSM-00472	119-4Y		
PSM-00473	119-4Z		
SAG-00096	SAG-00096		Isolated find
XBP-00079	Percy		FCR
Source: ADNR, OHA, 2016			
All data are verbatim from source			

Table T-2: Indigenous Place Names in the Indirect Impact Area – North Slope Region

Place Name No.	Group	Place Name	Meaning	English Name or Location	Source	Kari and Fall (2003) Classification	Geographic Feature
NS001	Iñupiat	Anmaguliguligaurak	"A little fish"	A creek that drains into the north end of Galbraith Lake from the west	NSB, 1979	Fish	Riverine
NS002	Iñupiat	Atigutim Kannguaqpagvia	Rendezvous camp near Atigun River	NA	Simon Paneak Museum, 2001	Customary Activities	Riverine
		Atigutim Kuuja	[something] Creek near Atigun River	NA	Simon Paneak Museum, 2001	Hydrology	Riverine
		Atigutim Nullagvia	Place to camp for the night near Atigun River	NA	Simon Paneak Museum, 2001	Customary Activities	Riverine
		Atigun River	"Something that is below" refers to a river which flows past a mountain with steep cliffs"	Atigun River	Simon Paneak Museum, 2001	Hydrology	Riverine
		Atigun Pass	"Something that is below" indicates a mountain with steep cliffs	Atigun Pass	Simon Paneak Museum, 2001	Terrain & Geology	Uplands
		Atigun Gorge	"Something that is below" indicates a mountain with steep cliffs	Atigun Gorge	Simon Paneak Museum, 2001	Terrain & Geology	Riverine
NS003	Iñupiat	Imnavaich Igginjat	Mountain with many steep cliffs	Slope Mountain	Simon Paneak Museum, 2001	Terrain & Geology	Uplands
NS004	Iñupiat	Imnavaurat	"Many small mountains"	Mountains on the north side of Atigun Gorge	NSB, 1979	Terrain & Geology	Uplands
NS005	Iñupiat	Ivisaaq	Ochre river	Ivishak River Simon Paneak (Simon Paneak Museum, 2001) notes that what is labeled the Ivishak River on USGS maps is actually the Sagavanirktok River. USGS accidentally switched the two names. Orth (1971) also lists Sagavanirktok as a variation of the Ivishak River.	Simon Paneak, 2001; Agheak MacLean, 2012; Orth, 1971	Material Culture	Riverine

Place Name No.	Group	Place Name	Meaning	English Name or Location	Source	Kari and Fall (2003) Classification	Geographic Feature
NS006	Iñupiat	Kakuktukruich Bluff	???"	Kakuktukruich Bluff	Orth, 1971	Terrain & Geology	Uplands
NS007	Iñupiat	Karjigluk	???	Prudhoe Bay	Pedersen et al., 1985	Hydrology	Marine
NS008	Iñupiat	Kuukpaaḡruk	Large river	Kuparuk River	Simon Paneak, 2001; Agheak MacLean, 2012;	Hydrology	Riverine
NS009	Iñupiat	Makpiq [river]	"Drainage"	NA	NSB, 1979	Hydrology	Lacustrine
NS010	Iñupiat	Tuullik [lake]	"yellow-billed loon"lake	Toolik Lake, Murphy Lake	Ahgeak MacLean, 2012; Simon Paneak Museum, 2001	Animals	Lacustrine
NS011	Iñupiat	Narvaq	"small lake"	South of Galbraith Lake	NSB, 1979	Hydrology	Lacustrine
NS012	Iñupiat	Narvaqvak	"Big lake"	Galbraith Lake	Ahgeak MacLean, 2012; Simon Paneak Museum, 2001	Hydrology	Lacustrine
NS013	Iñupiat	Natiguaq	"Flat ground"	Flat area on west side of Galbraith Lake	NSB, 1979	Terrain & Geology	Lowlands
NS014	Iñupiat	Niaquḡun	"Crown"	Round mountain with a flat top near Mosquito Lake	NSB, 1979	Terrain & Geology	Uplands
NS015	Iñupiat	Ogvalutuk [lake]	"Round lake"	Northwest of Galbraith Lake	NSB, 1979	Hydrology	Lacustrine
NS016	Iñupiat	Oksrukuyik	"Eskimo name reported in 1956 by USGS" (Orth 1971).	Oksrukuyik	ASRC et al., 1975; Orth 1971	Class Not Clear	Riverine
NS017	Iñupiat	Paiḡuich Igḡinḡat	Mountain near northern pike river	NA	Simon Paneak Museum, 2001	Fish	Uplands
NS018	Iñupiat	Paiḡuich Kuunḡa	Northern pike river	Accomplishment Creek	Simon Paneak Museum, 2001	Fish	Riverine
NS019	Iñupiat	Piḡalum Igḡiḡa	Piḡalu means "small bowl" or "burl on tree" mountain	NA	Ahgeak MacLean, 2012; Simon Paneak Museum, 2001	Terrain & Geology	Uplands

Place Name No.	Group	Place Name	Meaning	English Name or Location	Source	Kari and Fall (2003) Classification	Geographic Feature
		Piñaluum Narvaña	Piñalu means "small bowl" or "burl on tree;" lake near Piñaluk Mountain / Atigun River headwaters	NA	Ahgeak MacLean, 2012; Simon Paneak Museum, 2001	Hydrology	Lacustrine
		Piñaluum Qimigaanji	"Piñalu means "small bowl" or ""burl on tree;" low rounded hills	North and northwest of Piñaluk Mountain	Ahgeak MacLean, 2012; Simon Paneak Museum, 2001	Terrain & Geology	Uplands
NS020	Iñupiat	Pitaluich	"lots of little holes"	Area with lots of small lakes of southeast side of Galbraith Lake	NSB, 1979	Hydrology	Lacustrine
NS021	Iñupiat	Putuligayuk River	Name of an Iñupiaq person who once lived there	Putuligayuk River	ASRC et al., 1975; Orth, 1971	People	Riverine
NS022	Iñupiat	Sagvañiqtuuq	"Strong current"	Simon Paneak (Simone Paneak Museum, 2001) notes that what is labeled on USGS maps is actually the Ivishak River. USGS accidentally switched the two names. Orth (1971) also lists Ivishak as a variation of the Sagavanirktok River.	Simone Paneak Museum, 2001; Orth, 1971	Hydrology	Riverine
NS023	Iñupiat	Shukukpaukat	"High, sharp mountains"	Ribdon River	Orth, 1971	Terrain & Geology	Riverine
NS024	Iñupiat	Siklaqtitaq	"place that's been picked with a pick axe"	near Pt. McIntyre	Pedersen et al., 1985	Customary Activities	Marine
NS025	Iñupiat	Siiqsinniq	"Water flowing through crack in ice; underground springs, water flowing out of the ground; frozen overflow on top of river ice; glaciated stream (melts in summer)"	Sagavanirktok, downstream from Lupine River	Pedersen et al., 1985; Ahgeak MacLean, 2012	Hydrology	Riverine

Place Name No.	Group	Place Name	Meaning	English Name or Location	Source	Kari and Fall (2003) Classification	Geographic Feature
NS026	Iñupiat	Tuullik [River]	"Yellow-billed loon" River	Toolik River	Ahgeak MacLean, 2012; Simon Paneak Museum, 2001	Animals	Riverine
NS027	Iñupiat	Tunugun [river]	"something worn on the back" [river]	Section of Atigun River from confluence with Makpiq River (stream draining Galbraith Lake to the east) to the confluence with Sagavanirktok River	NSB, 1979	Material Culture	Riverine

Table T-3: AHRs Sites in the Indirect Impact Area – Interior Region

AHRs	Site Name	Period	Resource Description
FAI-00625	TROTH YEDDHA' SITE	Prehistoric, Historic, Modern	Lithic remains, Chert, Historic remains
FAI-02288	FAI-02288	Prehistoric, Historic, Protohistoric	--
WIS-00345	CHAPMAN LAKE CAN & FLAKE SITE	Prehistoric, Historic	Camp, Overlook
FAI-02104	FAI-02104	Prehistoric, Historic	Historic remains
HEA-00121	Bison Gulch 2	Prehistoric, Historic	Lithics
BET-00002	BET-00002	Prehistoric	Activity area, Lithic scatter
BET-00003	BET-00003	Prehistoric	Activity area, Lithic scatter
BET-00004	BET-00004	Prehistoric	Activity area, Lithic scatter
BET-00005	BET-00005	Prehistoric	Activity area, Lithic scatter
BET-00006	BET-00006	Prehistoric	Activity area, Lithic scatter, Basalt
BET-00007	BET-00007	Prehistoric	Activity area, Hearth, Caribou bones
BET-00008	BET-00008	Prehistoric	Activity area, Lithic scatter, Stone wall
BET-00009	BET-00009	Prehistoric	Camp, Tent ring, Lithic scatter
BET-00010	BET-00010	Prehistoric	Activity area, Lithic scatter
BET-00011	BET-00011	Prehistoric	Lithic scatter
BET-00012	BET-00012	Prehistoric	Activity area, Lithic scatter
BET-00013	BET-00013	Prehistoric	Activity area, Lithic scatter, Hearth, Antler
BET-00014	BET-00014	Prehistoric	Activity area, Lithic scatter, Tools
BET-00017	BET-00017	Prehistoric	Lithic scatter, Chert
BET-00019	BET-00019	Prehistoric	Lookout, Lithic scatter, Burin, Micorblade
BET-00020	BET-00020	Prehistoric	Lookout, Lithic scatter, Microblade
BET-00021	BET-00021	Prehistoric	Activity area, Lithic scatter, Tools
BET-00023	BET-00023	Prehistoric	Activity area, Lithic remains
BET-00024	BET-00024	Prehistoric	Lithic scatter
BET-00025	BET-00025	Prehistoric	Activity area, Lithic flakes, Tools
BET-00026	BET-00026	Prehistoric	Lithics, Tools
BET-00027	BET-00027	Prehistoric	Lithic scatter
BET-00040	GIRLS HILL SOUTH	Prehistoric	Activity area, Lithic remains
BET-00041	GIRLS HILL NORTH	Prehistoric	Activity area, Lithic remains, Obsidian
BET-00042	BET-00042	Prehistoric	Activity area, Lithic remains, Hearth
BET-00043	BET-00043	Prehistoric	Activity area, Lithics, Obsidian
BET-00044	BET-00044	Prehistoric	Isolated find, Lithic, Flake
BET-00046	BET-00046	Prehistoric	Lithic remains, Flakes
BET-00047	BET-00047	Prehistoric	Lithics, Obsidian
BET-00049	BET-00049	Prehistoric	Isolated find, Lithic, Flake
BET-00051	BET-00051	Prehistoric	Camp, Lookout, Lithic scatter
BET-00052	BET-00052	Prehistoric	Settlement, Midden, Lithics, Faunal remains
BET-00053	BET-00053	Prehistoric	Activity area, Lithic remains
BET-00054	BET-00054	Prehistoric	Activity area, Lithic remains
BET-00055	BET-00055	Prehistoric	Activity area, Hearth, Lithic remains
BET-00057	BET-00057	Prehistoric	Isolated find, Lithic, Flake
BET-00059	BET-00059	Prehistoric	Lithic remains, Flakes
BET-00060	BET-00060	Prehistoric	Lithic scatter, Core, Frags
BET-00061	BET-00061	Prehistoric	Lithic remains, Flakes
BET-00062	BET-00062	Prehistoric	Depression, Lithic flakes
BET-00063	BET-00063	Prehistoric	Lithic flakes, Obsidian
BET-00064	BET-00064	Prehistoric	Activity area, Lithic scatter

AHRS	Site Name	Period	Resource Description
BET-00065	BET-00065	Prehistoric	Lithic remains, Camp
BET-00067	BET-00067	Prehistoric	Activity area, Lithic scatter
BET-00069	BET-00069	Prehistoric	Isolated find, Lithic, Blade
BET-00070	BET-00070	Prehistoric	Isolated find, Lithic, Basalt
BET-00071	BET-00071	Prehistoric	Lithic scatter, Basalt
BET-00072	BET-00072	Prehistoric	Lithic remains, Flakes
BET-00074	Vick Rock-Shelter	Prehistoric	Rock-shelter, Bone artifacts
BET-00075	BET-00075	Prehistoric	Lithic scatter, Flakes
BET-00076	BET-00076	Prehistoric	Lithic scatter, Flakes
BET-00077	BET-00077	Prehistoric	Lithic scatter, Flakes
BET-00078	BET-00078	Prehistoric	Lithic scatter, Flakes, Basalt
BET-00084	BET-00084	Prehistoric	Lithic scatter, Flakes, Tools
BET-00085	BET-00085	Prehistoric	Lithic scatter, Flakes
BET-00086	BET-00086	Prehistoric	Isolated find, Lithic, Point
BET-00087	BET-00087	Prehistoric	Lithics, Flakes, Scraper
BET-00088	BET-00088	Prehistoric	Lithic scatter, Flakes
BET-00089	BET-00089	Prehistoric	Lithic scatter, Flakes, Scraper, Obsidian
BET-00090	BET-00090	Prehistoric	Isolated find, Lithic, Biface
BET-00122	BET-00122	Prehistoric	Lithic remains, Flakes, Endblade
BET-00123	BET-00123	Prehistoric	Lithic remains, Flakes, Scraper
BET-00125	BET-00125	Prehistoric	Lithic remains, Flakes
BET-00126	BET-00126	Prehistoric	Lithic remains, Flakes, Point
BET-00131	MS 92	Prehistoric	Activity area, Lithic remains
BET-00132	MS 93-2	Prehistoric	Activity area, Isolated flake
BET-00139	BET-00139	Prehistoric	Lithic remains, Flakes, Reduction, Obsidian
BET-00183	BET-00183	Prehistoric	Flake, Isolate
BET-00202	BET-00202	Prehistoric	Lithic scatter
BET-00205	BET-00205	Prehistoric	Lithic scatter
BET-00207	BET-00207	Prehistoric	Lithic isolate
BET-00208	BET-00208	Prehistoric	Lithic scatter
BET-00211	BET-00211	Prehistoric	Lithic scatter
BET-00212	BET-00212	Prehistoric	Lithic scatter
BET-00213	BET-00213	Prehistoric	Lithic scatter
BET-00215	BET-00215	Prehistoric	Lithic scatter
BET-00249	BET-00249	Prehistoric	Lithic scatter
BET-00250	BET-00250	Prehistoric	--
BET-00251	BET-00251	Prehistoric	Lithic scatter
BET-00252	BET-00252	Prehistoric	lithic scatter
BET-00253	BET-00253	Prehistoric	Isolated find
CHN-00002	CHN-00002	Prehistoric	Lookout, Lithic scatter, Flakes, Chert
CHN-00005	CHN-00005	Prehistoric	Isolated find, Lithic, Flake, Chert
CHN-00006	[DOE] CHN-00006 [AHRS] Gold Creek	Prehistoric	Isolated find, Lithic, Flake, Chert
CHN-00010	CHN-00010	Prehistoric	Isolated find, Lithic, Flake, Chert
CHN-00012	CHN-00012	Prehistoric	Depression, Planks, Caribou bone
CHN-00034	Gold Creek	Prehistoric	Lithic remains
CHN-00062	Gold Creek Airstrip Prehistoric Site	Prehistoric	Flake
CHN-00074	CHN-00074	Prehistoric	Lithic scatter
CHN-00075	CHN-00075	Prehistoric	Lithic scatter
CHN-00078	CHN-00078	Prehistoric	Lithic scatter
CHN-00079	CHN-00079	Prehistoric	Lithic scatter
CHN-00081	CHN-00081	Prehistoric	Lithic flakes
CHN-00082	CHN-00082	Prehistoric	Flake
CHN-00119	TA83AY017	Prehistoric	Subsurface lithic scatter
CHN-00121	CHN-00121	Prehistoric	
FAI-00028	GOLDSTREAM VALLEY SITE	Prehistoric	

AHRS	Site Name	Period	Resource Description
FAI-00205	FAI-00205	Prehistoric	Lithic remains, Flakes
FAI-00214	FAI-00214	Prehistoric	Lithic remains, Flakes, Obsidian
FAI-02387	FAI-02387	Prehistoric	Lithic scatter
HEA-00006	HEA-00006	Prehistoric	--
HEA-00007	HEA-00007	Prehistoric	Isolated Find
HEA-00008	MERCER HILL SITE	Prehistoric	
HEA-00009	HEA-00009	Prehistoric	Isolated find
HEA-00010	HEA-00010	Prehistoric	Lithics
HEA-00012	HEA-00012	Prehistoric	Lithics
HEA-00015	HEA-00015	Prehistoric	Lithics
HEA-00018	HEA-00018	Prehistoric	
HEA-00019	HEA-00019	Prehistoric	
HEA-00020	HEA-00020	Prehistoric	
HEA-00025	HEA-00025	Prehistoric	
HEA-00027	HEA-00027	Prehistoric	
HEA-00028	Dragonfly Creek Site	Prehistoric	Lithics
HEA-00029	HEA-00029	Prehistoric	Isolated find
HEA-00031	Carlo Creek Site	Prehistoric	Habitation, Lithics, Hearths, Faunal remains
HEA-00032	HEA-00032	Prehistoric	Isolated find
HEA-00033	HEA-00033	Prehistoric	Isolated find
HEA-00037	HEA-00037	Prehistoric	Lithics
HEA-00038	LITTLE PANGUINGUE CREEK	Prehistoric	Activity area, Lithics
HEA-00039	HEA-00039	Prehistoric	Lithics
HEA-00096	HEA-00096, JACK RIVER BLUFF	Prehistoric	Lithics
HEA-00109	BISON GULCH BLUFF	Prehistoric	
HEA-00110	WICK ROCK-SHELTER	Prehistoric	Rock-shelter
HEA-00129	SLATE CREEK SITE	Prehistoric	Activity area, Lithics
HEA-00133	RILEY CREEK LITHIC SITE	Prehistoric	Lithics
HEA-00137	BIG PANGUINGUE CREEK SITE	Prehistoric	Activity area, Lithics
HEA-00190	HEA-00190	Prehistoric	Isolated find
HEA-00199	HEA-00199	Prehistoric	
HEA-00202	HEA-00202	Prehistoric	
HEA-00204	HEA-00204	Prehistoric	Lithics
HEA-00226	HEA-00226	Prehistoric	
HEA-00246	MERCER RANCH SITE	Prehistoric	
HEA-00247	HEA-00247	Prehistoric	Isolated find
HEA-00327	[DOE] HEALY'S LUCKY STRIKE SITE [AHRS] HEA-00327	Prehistoric	Lithics, Paleosols
HEA-00453	HEA-00453	Prehistoric	Lithics
HEA-00592	HEA-00592	Prehistoric	Lithic scatter, debitage and tool stones, argillite, chert, obsidian, and quartz
HEA-00593	HEA-00593	Prehistoric	
HEA-00594	HEA-00594	Prehistoric	Buried lithic remains, Flakes
HEA-00595	HEA-00595	Prehistoric	--
HEA-00597	HEA-00597	Prehistoric	Lithic, flake
HEA-00604	HEA-00604	Prehistoric	--
HEA-00607	HEA-00607	Prehistoric	--
HEA-00657	HEA-00657	Prehistoric	Isolated Find
HEA-00659	HEA-00659	Prehistoric	Projectile point isolated find
HEA-00660	HEA-00660	Prehistoric	lithic scatter
HEA-00661	HEA-00661	Prehistoric	Isolated find
HEA-00662	HEA-00662	Prehistoric	Lithic scatter
HEA-00663	HEA-00663	Prehistoric	Small lithic scatter
LIV-00001	HESS CREEK	Prehistoric	
LIV-00002	HESS CREEK KNOLL	Prehistoric	Isolated find

AHRS	Site Name	Period	Resource Description
LIV-00003	LIV-00003	Prehistoric	Activity area, Lithic remains, Faunal remains
LIV-00004	Ready Ridge	Prehistoric	Lithics, Microblades, Tuktuk core
LIV-00005	LIV-00005	Prehistoric	Lithics, Chert
LIV-00006	READY BENCH MARK LOCALITY	Prehistoric	
LIV-00007	LIV-00007	Prehistoric	Lithics, Tuktuk core, Chert
LIV-00008	LIV-00008	Prehistoric	Lithics, Chert
LIV-00009	LIV-00009	Prehistoric	Lithics, Chert
LIV-00010	LIV-00010	Prehistoric	Lithics, Chert, Microblades, Cores
LIV-00011	LIV-00011	Prehistoric	Lithics, Chert, Projectile point
LIV-00012	LIV-00012	Prehistoric	Lithics, Bifaces, Core, Tuktuk points, Tools
LIV-00030	LIV-00030	Prehistoric	Activity area, Lithic remains
LIV-00031	Wilbur Creek	Prehistoric	Lithic flakes, Obsidian
LIV-00032	LOST CREEK SHELTER	Prehistoric	
LIV-00033	ERICKSON'S RAZOR	Prehistoric	Lithic scatter, lookout point
LIV-00034	TOLOVANA 36	Prehistoric	Isolated find, Biface
LIV-00036	Lost Creek Overlook	Prehistoric	--
LIV-00037	Nassuk's Knoll	Prehistoric	--
LIV-00038	Ruby Ridge	Prehistoric	--
LIV-00040	LIV-00040	Prehistoric	Activity area, Lithic remains
LIV-00041	LIV-00041, TOLOVANA 3	Prehistoric	Camp, Activity area, Lithic remains
LIV-00042	LIV-00042, TOLOVANA 4	Prehistoric	Look-out site, Lithic remains
LIV-00043	LIV-00043, Tolovana 5	Prehistoric	Camp, Activity areas, Lithic remains
LIV-00044	LIV-00044, TOLOVANA 6	Prehistoric	Look-out site, Lithic remains
LIV-00045	LIV-00045, TOLOVANA 7	Prehistoric	Look-out site, Lithic remains
LIV-00046	LIV-00046, Tolovana 9	Prehistoric	Activity area, Lithic remains
LIV-00047	LIV-00047, Tolovana 10	Prehistoric	Activity area, Lithic remains
LIV-00048	LIV-00048, TOLOVANA 11	Prehistoric	Activity area, Lithic remains
LIV-00049	Tolovana 12	Prehistoric	Isolated find
LIV-00050	LIV-00050, Tolovana 13	Prehistoric	Lithic remains
LIV-00052	TOLOVANA 8	Prehistoric	Camp, Lithic remains
LIV-00054	TOLOVANA 35	Prehistoric	Camp, Activity areas, Lithic remains
LIV-00103	LIV-00103	Prehistoric	--
LIV-00104	LIV-00104	Prehistoric	--
LIV-00105	LIV-00105	Prehistoric	--
LIV-00106	LIV-00106	Prehistoric	Activity area, Lithic remains
LIV-00107	LIV-00107	Prehistoric	--
LIV-00108	LIV-00108	Prehistoric	--
LIV-00126	LIV-00126	Prehistoric	
LIV-00362	Kegler's Rii	Prehistoric	Lithic scatter, Flakes, Chert
LIV-00400	LIV-00400	Prehistoric	Lithic remains, Flakes, Retouch
LIV-00401	LIV-00401	Prehistoric	Lithic remains, Flakes
LIV-00402	LIV-00402	Prehistoric	Lithic scatter, Flakes, Flake tool, Nodules
LIV-00456	LIV-00456	Prehistoric	Lithics
LIV-00551	LIV-00551	Prehistoric	Lithic scatter
LIV-00554	LIV-00554	Prehistoric	Lithic scatter
LIV-00561	LIV-00561	Prehistoric	Lithic scatter
LIV-00569	LIV-00569	Prehistoric	Lithics
LIV-00654	LIV-00654	Prehistoric	Lithic artifacts
LIV-00719	LIV-00719	Prehistoric	Lithic isolate, Flake
LIV-00726	LIV-00726	Prehistoric	--
LIV-00777	LIV-00777	Prehistoric	isolated find
PSM-00051	PSM-00051	Prehistoric	
PSM-00061	PSM-00061	Prehistoric	Lithics, Charcoal, Hearth
PSM-00063	CHANDALAR SHELF SITE	Prehistoric	Isolated find
WIS-00001	WIS-00001	Prehistoric	

AHRS	Site Name	Period	Resource Description
WIS-00002	WIS-00002	Prehistoric	
WIS-00003	WIS-00003	Prehistoric	--
WIS-00004	WIS-00004	Prehistoric	Lithic flakes
WIS-00012	ROSIE CREEK	Prehistoric	Activity area, Lithic remains
WIS-00013	WIS-00013	Prehistoric	--
WIS-00014	WIS-00014	Prehistoric	
WIS-00015	WIS-00015	Prehistoric	--
WIS-00016	WIS-00016	Prehistoric	
WIS-00017	WIS-00017	Prehistoric	
WIS-00018	WIS-00018	Prehistoric	
WIS-00019	WIS-00019	Prehistoric	Lithic scatter
WIS-00020	WIS-00020	Prehistoric	--
WIS-00021	WIS-00021	Prehistoric	--
WIS-00022	WIS-00022	Prehistoric	
WIS-00023	WIS-00023	Prehistoric	
WIS-00024	WIS-00024	Prehistoric	
WIS-00025	WIS-00025	Prehistoric	
WIS-00026	WIS-00026	Prehistoric	
WIS-00027	WIS-00027	Prehistoric	
WIS-00028	WIS-00028	Prehistoric	
WIS-00029	WIS-00029	Prehistoric	
WIS-00030	WIS-00030	Prehistoric	
WIS-00031	WIS-00031	Prehistoric	--
WIS-00032	WIS-00032	Prehistoric	
WIS-00033	WIS-00033	Prehistoric	
WIS-00034	WIS-00034	Prehistoric	--
WIS-00035	WIS-00035	Prehistoric	
WIS-00036	WIS-00036	Prehistoric	--
WIS-00037	WIS-00037	Prehistoric	
WIS-00039	WIS-00039	Prehistoric	
WIS-00042	WIS-00042	Prehistoric	Isolated find
WIS-00043	WIS-00043	Prehistoric	Isolated find
WIS-00051	WIS-00051	Prehistoric	
WIS-00231	CHAPMAN LAKE 1	Prehistoric	Cache pit
WIS-00232	CHAPMAN LAKE 2	Prehistoric	Lithic remains
WIS-00242	WIS-00242	Prehistoric	Lithic remains
WIS-00252	CHAPMAN #1	Prehistoric	Activity area, Lookout
WIS-00289	WIS-00289	Prehistoric	Lithic remains, Flakes, Microblade, Obsidian
WIS-00403	WIS-00403	Prehistoric	Lithics, burned soil
WIS-00412	WIS-00412	Prehistoric	Lithic scatter
WIS-00413	WIS-00413	Prehistoric	Lithic flake
WIS-00414	WIS-00414	Prehistoric	Lithic scatter
WIS-00415	WIS-00415	Prehistoric	Lithic scatter
WIS-00420	STEINMAN	Prehistoric	Lithic Scatter, Stone feature
WIS-00426	WIS-00426	Prehistoric	--
WIS-00435	TA81AY009	Prehistoric	house depression
WIS-00437	TA83AY001	Prehistoric	Lithic Scatter
CHN-00071	CHN-00071	Prehistoric	Lithic scatter
HEA-00205	HEA-00205	Prehistoric	Lithics
CHN-00072	CHN-00072	Prehistoric	Lithics, Faunal remains
CHN-00073	CHN-00073	Prehistoric	Lithics, Microblade
FAI-01744	TRAIL SITE, SURVEY AREA A	Prehistoric	Reported flakes, Calcined bone
BET-00137	KYK-107, VILLAGE	Prehistoric	Village
FAI-02388	Paleontological Site	Paleontological	Paleontological site

AHRS	Site Name	Period	Resource Description
HEA-00213	PA, A-713	Paleontological	Paleontological, Coelenterate, Brachiopod, Coral, Stromatoporoid, Gastropod
HEA-00214	PA, 844	Paleontological	
HEA-00599	Paleontological Site	Paleontological	paleontological site
LIV-00408	PA, TRACK OF SOMETHING ROLLING OVER IN ALYESKA MS72-1	Paleontological	
PSM-00272	PA, 966, 968	Paleontological	
PSM-00611	PALEONTOLOGICAL SITE	Paleontological	paleontological site
FAI-00631	BUILDING 215, ELECTRIC POWER STATION BUILDING	Modern	Military, Communication
HEA-00383	ARRC TIMBER BRIDGE MP 348.8	Modern	Transportation, Railroad, Bridge
BET-00210	BET-00210	Historic, Protohistoric	Hearth ring
PSM-00581	PSM-00581	Historic, Protohistoric	Rock blind
BET-00198	BET-00198	Historic, Modern	Trap set
BET-00199	BET-00199	Historic, Modern	Trapping Traps
FAI-02096	FAI-02096	Historic, Modern	CMTs
FAI-02283	1019 COLLEGE ROAD	Historic, Modern	commercial building
FAI-02284	1001 COLLEGE ROAD	Historic, Modern	commercial
FAI-02286	913 COLLEGE ROAD	Historic, Modern	Commercial Office Buildings
FAI-02287	849 COLLEGE ROAD	Historic, Modern	Commercial - Retail Store
HEA-00379	Arrc Timber Bridge MP 319.0	Historic, Modern	Transportation, Railroad, Bridge
HEA-00380	ARRC TIMBER BRIDGE MP 319.7	Historic, Modern	Transportation, Railroad, Bridge
HEA-00387	ARRC TIMBER BRIDGE MP 369.7	Historic, Modern	Transportation, Railroad, Bridge
HEA-00464	HEA-00464	Historic, Modern	Dump
PSM-00188	PSM-00188	Historic, Modern	
HEA-00429	DENALI PARK ROAD (HEA QUAD PORTION)	Historic, Modern	Road, Tourism, Transpotation
BET-00050	BET-00050	Historic	Camp, Platform, Log
CHN-00007	Gold Creek Cabin No.1	Historic	Residential, Cabin, Log, Sod, Milled lumber
CHN-00008	CHN-008	Historic	Mining, Pit, Storage, Cache
CHN-00009	Gold Creek Cabin 2	Historic	Resource, Mining, Cabin, Prospect pits
CHN-00011	CHN-00011	Historic	Trapping, Dead fall, Wood
CHN-00013	CHN-00013	Historic	Camp, Recreation, Lean-to, Garbage
CHN-00014	RAINBOW GULCH LOG AND SOD HOUSE	Historic	Cabin ruins, Log, Sod house, Pit
CHN-00015	ARCTIC JOHN ETALOOK CABIN	Historic	Camp, Winter, Cabin, Sod, Quarry, Tent ring
CHN-00016	CHN-00016	Historic	Hunting, Camp, Cabin ruins, Dead fall
CHN-00018	CHN-00018	Historic	Camp, Shelter, A-frame, Log, Sod
CHN-00021	CHN-00021	Historic	Resource, Mining, Camp, Cabin ruins, Burial
CHN-00022	WILCOX DRIFT MINE COMPLEX	Historic	Resource, Mining, Camp, Cabins, Shafts
CHN-00041	JOHN ETALOOK'S SUMMER CAMP	Historic	Camp, Summer, Tent frame, Dry rack
CHN-00052	NUGGET CREEK 2006-5 CABINS & PROSPECTS	Historic	Cabin ruin, Ground cache, Prospect pits

AHRS	Site Name	Period	Resource Description
CHN-00058	SHEEP CREEK CABIN 2007-1	Historic	Cabin ruin
CHN-00063	RAINBOW GULCH CABIN	Historic	Ruins, Cabin
CHN-00069	BROCKMAN'S CABIN	Historic	Cabin, Cache, Doghouse
CHN-00123	CHN-00123	Historic	Historic mining site
FAI-00004	GEORGE C. THOMAS MEMORIAL LIBRARY	Historic	Gov't, Library
FAI-00005	STR. NENANA	Historic	Boat
FAI-00008	Dunbar R.R. Station	Historic	Railroad, Station
FAI-00013	CALIFORNIA R.R. STATION	Historic	Railroad, Station
FAI-00016	BERG R.R. STATION	Historic	Railroad, Station
FAI-00021	FAIRBANKS	Historic	
FAI-00026	ALASKALAND	Historic	
FAI-00030	IMMACULATE CONCEPTION CATHOLIC CHURCH	Historic	Religious, Church, Roman Catholic
FAI-00031	SAINT MARKS MISSION	Historic	
FAI-00032	MASONIC TEMPLE	Historic	
FAI-00036	MARY LEE DAVIS HOUSE	Historic	
FAI-00037	FALCON JOSLIN HOUSE	Historic	
FAI-00038	ODDFELLOWS HALL	Historic	
FAI-00039	M/V TAKU CHIEF	Historic	Boat
FAI-00062	HAPPY	Historic	Trans, Railroad, Station, Camp, Construction
FAI-00066	MAHON	Historic	Trans, Railroad, Station
FAI-00068	KOBE	Historic	Trans, Railroad, Station
FAI-00069	BROWNE	Historic	Trans, Railroad, Camp, Construction, Station
FAI-00070	MOSS	Historic	Trans, Railroad, Station
FAI-00074	JAP ROADHOUSE	Historic	Trans, Lodging, Roadhouse
FAI-00075	Dunbar Roadhouse	Historic	Trans, Lodging, Roadhouse
FAI-00084	Rainey's Cabin	Historic	Cabin with outdoor cache pit
FAI-00085	HINCKLEY-CREAMER DAIRY	Historic	Indust, Dairy, Farm, Barn, Resid
FAI-00089	NENANA RIVER R.R. BRIDGE	Historic	Trans, Railroad, Bridge
FAI-00090	Ferry R.R. Station	Historic	Trans, Railroad, Station
FAI-00093	ARR BRIDGE 422.9	Historic	Trans, Railroad, Bridge
FAI-00095	[DOE] GOLDSTREAM CREEK BRIDGE [AHRS] ARR BRIDGE 432.1	Historic	Trans, Railroad, Bridge
FAI-00099	ST THERESA'S CATHOLIC CHURCH	Historic	Religious, Church, Catholic
FAI-00103	HARDING RAILROAD CAR	Historic	Trans, Railroad, Car
FAI-00105	NENANA DEPOT	Historic	Trans, Railroad, Depot, Station
FAI-00110	ST MATTHEW'S EPISCOPAL CHURCH	Historic	Religious, Church, Episcopal
FAI-00131	FIRST PRESBYTERIAN CHURCH	Historic	Religious, Church, Presbyterian
FAI-00135	CORA MADOLE CABIN	Historic	Resid, Single, Cabin, Log
FAI-00136	COLLEGE R.R. DEPOT	Historic	Trans, Railroad, Depot
FAI-00139	WICKERSHAM HOUSE	Historic	Resid, Single, Frame
FAI-00155	FEDERAL BUILDING	Historic	Gov't, Court house, PO
FAI-00163	PAN AMERICAN HANGAR/ARCTIC BOWL HANGAR	Historic	Trans, Commer, Air, Hangar
FAI-00169	STRAND FAMILY CEMETERY	Historic	Cemetery, Burials, Crosses
FAI-00203	CLAYPOOL/BERRY HOUSE	Historic	Resid, Single, Frame
FAI-00207	LACEY STREET THEATRE	Historic	Recreational, Cinema
FAI-00222	FE DREDGE #6	Historic	Mining, Dredge
FAI-00226	Strawberry Joe Nettleton's Cabin	Historic	Agri, Farm, Resid, Cabins
FAI-00230	Tanana valley railroad	Historic	Trans, Railroad, Mining
FAI-00244	MAIN SCHOOL	Historic	Edu, School, Admin
FAI-00245	NORTHERN COMMERCIAL COMPANY	Historic	Commercial, Store, General, Warehouse
FAI-00246	SAMSON HARDWARE	Historic	Commercial, Store, Warehouse
FAI-00247	[DOE] DOMINION WAREHOUSE [AHRS] NORTHERN COMMERCIAL COMPANY	Historic	Commerical , Storage, Warehouses

AHRS	Site Name	Period	Resource Description
	WAREHOUSE C		
FAI-00248	PALACE HOTEL	Historic	Commer, Lodging, Hotel
FAI-00249	EMPRESS THEATER	Historic	Commer, Recreat, Cinema, Theater, Movie
FAI-00250	W.H. GILCHER BUILDING	Historic	Indust, Commer, Shop, Sheet metal, Refrig
FAI-00252	FAI-00252	Historic	Activity area, Stove, Can dump
FAI-00264	FOKKER SUPER UNIVERSAL NC9792	Historic	Trans, Commer, Aircraft
FAI-00265	[DOE] F.E. COMPANY INDUSTRIAL COMPLEX [AHRS] FAIRBANKS EXPLORATION COMPANY INDUSTRIAL COMPLEX	Historic	Indust, Mining, Extraction, Office, Shop, Wrhs
FAI-00266	KITTY HENSLEY HOUSE	Historic	Resid, Single, Cabin, Log
FAI-00267	R.C. WOOD HOUSE	Historic	Resid, Single, Frame
FAI-00268	DALE/PATTY HOUSE	Historic	Resid, Single, Cabin
FAI-00269	KELLUM HOUSE	Historic	Resid, Single, Cabin
FAI-00270	320 1ST AVENUE	Historic	Resid, Single, Cabin
FAI-00271	827 2ND AVENUE	Historic	Resid, Single, Cabin, Log
FAI-00272	GEORGIA LEE HOUSE	Historic	Commer, Social, Brothel, Resid
FAI-00273	F.E. COMPANY MANAGER'S HOUSE	Historic	Resid, Single, Convent, Frame
FAI-00274	JOHNSON/HAYR HOUSE	Historic	Resid, Single
FAI-00275	SEXTON HOUSE	Historic	Resid, Single, Frame
FAI-00276	BILL SHERWIN'S SAW SHOP	Historic	Commer, Shop, Saw, Frame
FAI-00277	CARRINGTON COMPANY BUILDING	Historic	Indust, Commer, Mining, Equip, Print shop
FAI-00279	PEOPLES/SUTER DUPLEX (CRAFT MARKET)	Historic	Resid, Multi, Duplex, Frame
FAI-00280	ROSE BUILDING	Historic	Commercial, Log
FAI-00281	USIBELLI COAL BUNKERS	Historic	Mining, Coal, Bunker, Office, Warehouse
FAI-00282	OLD CITY HALL	Historic	Gov't, City hall, Offices, Jail, Police
FAI-00283	ORR CABIN	Historic	Commer, Lodging, Stageline, Bunkhouse
FAI-00284	1538 2ND AVENUE	Historic	Resid, Single, Cabin, Log
FAI-00285	329 4TH AVENUE	Historic	Resid, Single, Cabin, Log
FAI-00286	325 WENDELL AVENUE	Historic	Resid, Single, Cabin, Log
FAI-00288	203 DUNKEL STREET	Historic	Resid, Single, Cabin, Log
FAI-00289	542 8TH AVENUE	Historic	Resid, Single, Cabin
FAI-00290	240 2ND AVENUE	Historic	Resid, Single, Cabin, Frame
FAI-00291	723 5TH AVENUE	Historic	Resid, Single, Cabin, Log
FAI-00293	510 1ST AVENUE	Historic	Resid, Single, Cabin, Log
FAI-00294	1009 3RD AVENUE	Historic	Resid, Single, Cabin, Log
FAI-00295	1319 1ST AVENUE	Historic	Resid, Single, Cabin, Log
FAI-00296	326 DRIVEWAY STREET	Historic	Resid, Single, Cabin, Log
FAI-00297	211 5TH AVENUE	Historic	Resid, Single, Cabin, Frame
FAI-00299	BILL SHERWIN HOUSE	Historic	Resid, Single, Cabin, Frame
FAI-00300	113 COWLES STREET	Historic	Resid, Single, Frame
FAI-00301	207 WICKERSHAM STREET	Historic	Resid, Single, Frame
FAI-00302	209 WICKERSHAM STREET	Historic	Resid, Single, Cabin, Frame
FAI-00304	1129 1ST AVENUE	Historic	Resid, Single, Frame
FAI-00305	212 COWLES STREET	Historic	Resid, Single, Frame
FAI-00306	302 COWLES STREET	Historic	Resid, Single, Frame
FAI-00307	503 9TH AVENUE	Historic	Resid, Single, Frame
FAI-00308	914 4TH AVENUE	Historic	Resid, Single, Frame
FAI-00309	725 2ND AVENUE	Historic	Resid, Single, Frame
FAI-00310	203 2ND AVENUE	Historic	Resid, Single, Frame
FAI-00311	1015 8TH AVENUE	Historic	Resid, Single, Frame
FAI-00313	310 COWLES STREET	Historic	Resid, Single, Frame
FAI-00314	332 NORTH BOUNDARY STREET	Historic	Resid, Single, Frame
FAI-00317	812 PIONEER ROAD	Historic	Resid, Single, Frame
FAI-00318	1000 3RD AVENUE	Historic	Resid, Single, Frame

AHRS	Site Name	Period	Resource Description
FAI-00320	1027 5TH AVENUE	Historic	Resid, Single, Frame
FAI-00321	402 COWLES STREET	Historic	Resid, Single, Frame
FAI-00322	903 KELLUM STREET	Historic	Resid, Single, Frame
FAI-00323	1102 8TH AVENUE	Historic	Resid, Single, Cabin, Log
FAI-00324	1002 8TH AVENUE	Historic	Resid, Single, Cabin, Log
FAI-00325	812 SMYTH STREET	Historic	Resid, Single, Frame
FAI-00327	OLD WHITE SEAL DOCK	Historic	Commer, Storage, Warehouse, Barn, Garage
FAI-00328	OLD MUSJERD WELLHOUSE	Historic	Resid, Single, Frame
FAI-00329	FORMER ADOLPH WEHNER GARAGE	Historic	Storage, Garage
FAI-00330	314 SLOUGH STREET GARAGE	Historic	Storage, Shed, Garage, Log
FAI-00331	335 5TH AVENUE GARAGE	Historic	Storage, Auto, Garage, Frame
FAI-00332	708 10TH AVENUE	Historic	Resid, Single, Shack, Frame, Rental
FAI-00333	324 DRIVEWAY STREET	Historic	Resid, Single, Shack, Frame
FAI-00334	FAIRBANKS EXPLORATION COMPANY (F.E. COMPANY) HOUSING COMPLEX	Historic	Historical, Bldgs, Resid, Housing, Workers
FAI-00341	MURPHY DOME, NORTHERN CONTROL CENTER	Historic	Military, Defense, Command, Comm, BMEWS (A)
FAI-00345	936 8TH AVENUE	Historic	Resid, Single, Frame
FAI-00346	799 8TH AVENUE	Historic	Resid, Single, Frame, Cottage
FAI-00349	ILLINOIS STREET HISTORIC DISTRICT	Historic	Historic, Industrial, Residential, Admin
FAI-00350	NOYES HOUSE	Historic	Single dwelling
FAI-00351	709 ILLINOIS STREET	Historic	Single dwelling
FAI-00352	SAMSON WAREHOUSE	Historic	Commercial
FAI-00353	ROGERS' RESIDENCE	Historic	Single dwelling
FAI-00354	[DOE] VIKING APARTMENTS, BUILDING 1 [AHRS] VIKING APARTMENTS, BUILDING #1	Historic	Residential, Apartments
FAI-00355	GARDEN ISLAND HISTORIC DISTRICT	Historic	Historic
FAI-00356	505 ILLINOIS STREET	Historic	Residential, Single
FAI-00357	507 ILLINOIS STREET	Historic	Residential, Single
FAI-00358	521 ILLINOIS STREET	Historic	Residential, Single
FAI-00359	523 ILLINOIS STREET	Historic	Residential, Single
FAI-00388	CABIN #2	Historic	Minerals, Mining, Cabin ruins, Log
FAI-00389	CABIN #3	Historic	Minerals, Mining, Cabin ruins, Log
FAI-00390	FAIRBANKS EXPLORATION COMPANY CAMP	Historic	Minerals, Mining, Camp
FAI-00400	PROSPECT PIT	Historic	Minerals, Mining, Prospect pit
FAI-00401	MINE SHAFT, GRANT MINE	Historic	Minerals, Mining, Hard rock, Gold
FAI-00402	[DOE] CABIN SITE 5 AND ASSOCIATED MINING EQUIPMENT [AHRS] CABIN SITE #5 AND ASSOCIATED MINING EQUIPMENT	Historic	Minerals, Mining, Hard rock, Gold, Mill
FAI-00410	Powder Keg Road	Historic	Road, Industry, Oil Pipeline
FAI-00411	MOOSE CREEK TRAIL	Historic	Trail, Mining, Recreational
FAI-00412	MOOSE CREEK DRIFT SHAFT #2	Historic	Minerals, Mining, Drift shaft
FAI-00413	MOOSE CREEK DRIFT SHAFT #1	Historic	Minerals, Mining, Drift Shaft
FAI-00414	MOOSE CREEK CABIN	Historic	Cabin, Log
FAI-00415	Moose Creek Prospects	Historic	Minerals, Mining, Pits, Prospects
FAI-00426	FAIRBANKS ENGINEERING COMPANY ADMINISTRATIVE BUILDING	Historic	Industrial, Administrative, Block
FAI-00428	LOGGING OPERATIONS BUILDING	Historic	Cabin, Logging, Railroad
FAI-00439	HISTORIC CAMP	Historic	Camp, Construction, Railroad
FAI-00440	ALASKA RAILROAD BED	Historic	Transportation, Railroad
FAI-00445	F.E. COMPANY MACHINE SHOP	Historic	Minerals, Industrial, Shop, Maintenance
FAI-00511	NOYES SLOUGH BRIDGE	Historic	Bridge, Transportation, Road
FAI-00512	STANDARD OIL COMPANY, SOURDOUGH	Historic	Building complex, Tank farm

AHRS	Site Name	Period	Resource Description
	FUEL OFFICE/GARAGE/WAREHOUSE		
FAI-00513	FITZGERALD RESIDENCE, 348 MINNIE STREET	Historic	Residence
FAI-00514	ADAMS RESIDENCE, 346 MINNIE STREET	Historic	Residence
FAI-00515	FAIRBANKS COAL BUNKERS SCALE HOUSE, Senco Fasteners 270 Illinois Street	Historic	Scale house
FAI-00516	Kelly's Tires, 269 Illinois Street	Historic	Commercial
FAI-00517	DOT Warehouse, OK Lumber	Historic	Commercial, Warehouse
FAI-00518	Courtney Court Motel, 253 Illinois Street	Historic	Residence, Multiple
FAI-00519	Courtney Apartments, 400 Church Street	Historic	Residential, Apartments
FAI-00520	Fairbanks Machine Shop, 205 North Cushman Street	Historic	Commercial
FAI-00521	St Joseph's Hospital Addition, 119 North Cushman Street	Historic	Commercial
FAI-00522	Kennedy's Grocery and Restaurant/Bobby's Restaurant, 126 North Turner Street	Historic	Commercial
FAI-00523	International Hotel/The Big I, 122 North Turner Street	Historic	Commercial
FAI-00525	Jackovich Apartments, 98 North Turner Street	Historic	Residential, Apartments
FAI-00526	Fairbanks Convention and Visitors Bureau Visitor Center	Historic	Visitor center
FAI-00527	North Pole Bakery/Gambardella's, 706 Second Ave	Historic	Commercial
FAI-00528	Gerald Victor Furs, 704 Second Avenue	Historic	Commercial
FAI-00529	Northern Commercial Company Shop/I.D.E.A., 603 Second Ave	Historic	Commercial
FAI-00530	402 Barnette Street Service Station	Historic	Commercial
FAI-00629	Building 211, Radome Tower Building	Historic	Military, Communication
FAI-00630	Building 214, Radome Tower Building	Historic	Military, Communication
FAI-00632	[DOE] Building 1001, Communication Facility [ACW [AHRS] Building 1001, Communication Facility	Historic	Military, Communication
FAI-01558	Historic Cabin	Historic	Cabin
FAI-01559	Historic Debris	Historic	Refuse scatter, Cans
FAI-01586	109 Dunkel Street	Historic	Residential
FAI-01587	113/117 Dunkel Street	Historic	Residential
FAI-01588	227 North Clay Street	Historic	Residential
FAI-01659	Samson Hardware/Warehouse	Historic	
FAI-01660	[DOE] Building 3, Viking Apartments [AHRS] Viking Apartments, Building #3	Historic	Residential, Apartments
FAI-01664	[DOE] Building 2, Viking Apartments [AHRS] Viking Apartments, Building #2	Historic	Residential, Apartments
FAI-01667	[DOE] Dominion Warehouse [DOE] Northern Commercial Company Warehouse B [AHRS] Northern Commercial Company Warehouse B	Historic	Commercial, Storage, Warehouses
FAI-01723	[DOE] Polaris, The [AHRS] Polaris	Historic	Commercial, Residential, Multiple

AHRS	Site Name	Period	Resource Description
	BUILDING		
FAI-01735	NENANA RIVER BRIDGE AT REX	Historic	Bridge, Transportation, Road
FAI-01739	NOYES SLOUGH, MINNIE STREET BRIDGE	Historic	Bridge, Transportation, Road
FAI-01740	NOYES SLOUGH, AURORA DRIVE BRIDGE	Historic	Bridge, Transportation, Road
FAI-01741	CHENA RIVER, WENDELL HALL STREET BRIDGE	Historic	Bridge, Transportation, Road
FAI-01742	CHENA RIVER, CUSHMAN STREET BRIDGE	Historic	Bridge, Transportation, Road
FAI-01743	ARRC FAIRBANKS POWER PLANT ASH TOWER	Historic	Transportation
FAI-01752	ALASKA MILITARY HIGHWAY TELEPHONE AND TELEGRAPH LINE	Historic	Communication lines
FAI-01767	Moose Creek Bridge	Historic	Bridge, Transportation, Road
FAI-01856	NORTHWARD BUILDING	Historic	Residential, Apartments, Commercial, Businesses
FAI-01857	KING'S KUP, 305 NOBLE STREET	Historic	Commercial
FAI-01858	ALOHA RESTAURANT	Historic	Commercial, Restaurant
FAI-01859	LARSON'S FINE JEWELERS, 405 NOBLE STREET	Historic	Commercial
FAI-01860	MUSIC MART, 403 NOBLE STREET	Historic	Commercial
FAI-01861	GRONEWALD HOUSE, 335 5TH AVENUE	Historic	Residential
FAI-01862	GOLDEN HEART BUILDING, 600 NOBLE STREET	Historic	Commercial
FAI-01863	CANNON AND ROBERTS LAW OFFICES, 402 7TH AVENUE	Historic	Offices
FAI-01864	WILTON ADJUSTMENT SERVICES, 335 6TH AVENUE	Historic	Commercial
FAI-01869	THE ELBOW ROOM, TOMMY'S ELBOW ROOM, 410 2ND AVENUE	Historic	Commercial
FAI-01870	FRONTIER SPORTING GOODS (FORMER), 412-414 2ND AVENUE	Historic	Commercial
FAI-01872	PORT AUTHORITY, 409-411 4TH AVENUE	Historic	Commercial
FAI-01873	WESTMARK HOTEL MULTI-PLEX	Historic	Residential, Multiple dwelling, Hotel
FAI-01917	EASTSIDE RESIDENTIAL HISTORIC DISTRICT	Historic	Residential District
FAI-01918	DOWNTOWN FAIRBANKS COMMERCIAL DISTRICT	Historic	Commercial District
FAI-01951	HISTORIC BUILDING COLLEGE ROAD	Historic	
FAI-01952	1741 COLLEGE ROAD	Historic	
FAI-01954	1717 COLLEGE ROAD	Historic	Residential
FAI-01957	910 COLLEGE ROAD	Historic	Commerce
FAI-01958	840 COLLEGE ROAD	Historic	Commerce
FAI-01959	5 DIANE AVENUE	Historic	Domestic
FAI-01960	810 COLLEGE ROAD	Historic	Commerce
FAI-01961	10 MARGARET AVENUE	Historic	Domestic
FAI-01962	11 MARGARET AVENUE	Historic	Domestic
FAI-01963	9 MARGARET AVENUE	Historic	Domestic
FAI-01964	5 MARGARET AVENUE	Historic	Domestic
FAI-01965	724 COLLEGE ROAD	Historic	Domestic
FAI-01966	720 COLLEGE ROAD	Historic	Commerce
FAI-01967	10 MARIETTA AVENUE	Historic	Domestic
FAI-01968	12 MARIETTA AVENUE	Historic	Domestic
FAI-01969	11 MARIETTA AVENUE	Historic	Domestic
FAI-01970	7 MARIETTA AVENUE	Historic	Domestic, Apartment
FAI-01971	612 COLLEGE ROAD	Historic	Domestic, Apartment
FAI-01972	610 COLLEGE ROAD	Historic	Domestic
FAI-01973	604 COLLEGE ROAD	Historic	Domestic
FAI-01974	4 ELEANOR AVENUE	Historic	Domestic

AHRS	Site Name	Period	Resource Description
FAI-01976	601 COLLEGE ROAD	Historic	Commerce
FAI-01977	701 COLLEGE ROAD	Historic	Commerce
FAI-01978	3 ANTOINETTE AVENUE	Historic	Domestic
FAI-01979	7 ANTOINETTE AVENUE	Historic	Domestic
FAI-01980	9 ANTOINETTE AVENUE	Historic	Domestic
FAI-01981	11 ANTOINETTE AVENUE	Historic	Domestic
FAI-01982	13 ANTOINETTE AVENUE	Historic	Domestic
FAI-01983	809 COLLEGE ROAD	Historic	Domestic
FAI-01984	815 COLLEGE ROAD	Historic	Domestic
FAI-01985	LOUIS F. JOY ELEMENTARY SCHOOL	Historic	Education
FAI-01989	WOODEN SEWER SYSTEM FEATURES	Historic	Sewer system, Wooden
FAI-02166	CARL WHITE HOMESTEAD	Historic	Homestead, Depression, Railroad ties, Logs, Can dump
FAI-02173	FAI-02173	Historic	Bridge remains
FAI-02174	FAI-02174	Historic	Bridge remains
FAI-02179	ESTER-DUNBAR TRAIL	Historic	Trail
FAI-02190	OLD ROAD	Historic	Road
FAI-02203	5177 Chena Samill Tracts Road	Historic	Two Buildings (1959 and 1971)
FAI-02204	149 HALL STREET	Historic	Residential Building
FAI-02205	155 HALL STREET	Historic	Residential Building
FAI-02206	102 FRONT STREET	Historic	Residential Building
FAI-02207	106 FRONT STREET	Historic	Residential Building
FAI-02208	110 FRONT STREET	Historic	Residential Building
FAI-02209	120 FRONT STREET	Historic	Residential Building
FAI-02210	130 FRONT STREET	Historic	Residential Building
FAI-02211	140 FRONT STREET	Historic	Residential Building
FAI-02212	204 FRONT STREET	Historic	Residential Building
FAI-02213	222 FRONT STREET	Historic	Building
FAI-02214	234 FRONT STREET	Historic	Building
FAI-02216	160 OLD STEESE HIGHWAY	Historic	Commercial Building
FAI-02217	157 OLD STEESE HIGHWAY	Historic	Commercial Building
FAI-02218	230 OLD STEESE HIGHWAY	Historic	Commercial Building
FAI-02254	OLD RAILROAD BED	Historic	
FAI-02264	MILLER HILL FARM	Historic	Farm
FAI-02265	TACK SHOP (MILLER HILL FARM)	Historic	Tack shop, Farm
FAI-02266	RAILROAD CAR (MILLER HILL FARM)	Historic	Railroad car
FAI-02267	MARY KAY HOUSE (MILLER HILL FARM)	Historic	House, Single dwelling, Farm
FAI-02271	FAI-02271	Historic	
FAI-02278	1018 COLLEGE ROAD	Historic	commercial building
FAI-02279	1010 COLLEGE ROAD	Historic	Residential
FAI-02280	1010 COLLEGE ROAD	Historic	Residential
FAI-02281	918 COLLEGE ROAD	Historic	commercial, building
FAI-02282	914 COLLEGE ROAD	Historic	commercial building
FAI-02285	915 COLLEGE ROAD	Historic	Commercial, Retail Store
FAI-02295	Brown's Electric	Historic	retail building
FAI-02296	Log Cabin	Historic	Cabin
FAI-02301	Fairbanks Armory Building	Historic	
FAI-02302	Fairbanks Armory Organizational Maintenance Shop	Historic	
FAI-02385	TA80 LH001	Historic	collapsed cabin
FAI-02386	FAI-02386	Historic	Surface depressions and subsurface artifacts
HEA-00051	LIGNITE R.R. STATION	Historic	Railroad, Station
HEA-00052	MOODY	Historic	
HEA-00055	Summit Roadhouse	Historic	Roadhouse

AHRS	Site Name	Period	Resource Description
HEA-00056	Cantwell roadhouse	Historic	Roadhouse
HEA-00057	PANORAMA ROADHOUSE	Historic	Roadhouse
HEA-00059	MORINO ROADHOUSE/HOMESTEAD SITE	Historic	Roadhouse, Post Office
HEA-00060	SINGLETON ROADHOUSE	Historic	Roadhouse
HEA-00067	SUMMIT	Historic	Railroad, Station
HEA-00068	Cantwell R.R. Section House	Historic	Railroad, Section house
HEA-00069	Cantwell	Historic	Railroad, Station
HEA-00071	WINDY	Historic	
HEA-00072	CLEAR CREEK R.R. BRIDGE	Historic	Railroad, Bridge
HEA-00073	CARLO	Historic	
HEA-00074	RILEY CREEK R.R. BRIDGE	Historic	Railroad, Bridge
HEA-00075	MCKINLEY PARK STATION	Historic	Railroad, Station
HEA-00076	Moody tunnel	Historic	Tunnel, Railroad
HEA-00077	TUNNEL 9	Historic	Tunnel
HEA-00078	GARNER	Historic	
HEA-00079	GARNER TUNNEL	Historic	Transportation, Railroad, Tunnel
HEA-00081	Dry Creek R.R. Bridge	Historic	Railroad, Bridge
HEA-00084	[DOE] ARRC BRIDGE 352.7 [AHRS] SHEEP CREEK R.R. BRIDGE	Historic	Transportation, Railroad, Bridge
HEA-00132	THOMPSON/STUBBS COMPLEX	Historic	Gov't, Recreational, Park facilities
HEA-00134	RILEY CREEK CAMP	Historic	Gov't, Recreational, Park facilities
HEA-00188	HEA-00188	Historic	--
HEA-00208	WORKER'S CABINS	Historic	Residential, Housing foundations
HEA-00278	ARC VEHICLE AND MACHINERY DUMP	Historic	Historic remains, Vehicle parts
HEA-00279	LARGE CAN DUMP	Historic	Garbage dump
HEA-00284	KENNEDY CABIN FOUNDATION AND DUMP AREA	Historic	Residential, Housing foundation, Garbage dump
HEA-00285	W.A. BAKER CABIN RUINS	Historic	Cabin ruins, Historic remains
HEA-00289	OLD CANTWELL CEMETERY	Historic	Cemetery
HEA-00290	JACK RIVER GRAVES	Historic	Burial
HEA-00291	JACK SECONDCHIEF GRAVE	Historic	Burial
HEA-00292	FANNY'S GRAVE	Historic	Burial
HEA-00293	NENANA CANYON ROADHOUSE AND PATROL CABIN COMPLEX	Historic	Roadhouse ruins, Cabin ruins, Historic remains
HEA-00301	LAGOON SECTION STATION	Historic	Transportation, Railroad, Camp
HEA-00302	YANERT MOUTH CABIN	Historic	Trapping, Cabin
HEA-00303	YANERT COAL MINE	Historic	Mine, Coal
HEA-00304	TENT FOUNDATION	Historic	Foundation, Tent
HEA-00306	JOHNNY ROMANOV CABIN	Historic	Cabin
HEA-00322	HISTORIC SITE ACROSS REILY CREEK FROM HEA-00134	Historic	
HEA-00326	AK R.R. BRIDGE MP 351.4 UNNAMED TRIB OF NENANA RIVER	Historic	Transportation, Railroad, Bridge
HEA-00328	HEA-00328	Historic	Structural ruins, Debris scatter, Can dump
HEA-00329	HEA-00329	Historic	Structural ruins, Can dumps, Mining
HEA-00344	HEA-00344	Historic	Can dump, pit
HEA-00345	HEA-00345	Historic	Pit, Metal
HEA-00346	HEA-00346	Historic	Can dump, Pit
HEA-00350	HEA-00350	Historic	Transportation, Railroad, Culverts
HEA-00377	ARR BRIDGE 355.2	Historic	Bridge, Transportation, Railroad
HEA-00401	HEA-00401	Historic	Can scatter, Glass, Faunal remains
HEA-00447	HEA-00447	Historic	Trash dump, Can scatter, Historic car
HEA-00448	HEA-00448	Historic	Mining, Trench
HEA-00449	HEA-00449	Historic	Mining, Trench
HEA-00466	HORSESHOE LAKE TRAIL	Historic	Trails

AHRS	Site Name	Period	Resource Description
HEA-00471	HORSESHOE LAKE PIT	Historic	Depression, Rectangular
HEA-00472	HORSESHOE LAKE RAILROAD DEBRIS	Historic	Railroad debris, Wooden cart, Coupler, Timber, Cans
HEA-00490	HORSESHOE LAKE CABIN REMAINS	Historic	Earth-bermed wall, Depression
HEA-00512	LOWER HOTEL CREEK SITE	Historic	Dimensional Lumber, Metal
HEA-00554	NEW CANTWELL CEMETERY	Historic	
HEA-00602	HEA-00602	Historic	Timbers, cans
HEA-00603	HEA-00603	Historic	Telegraph, wire, insulator, pole
HEA-00606	HEA-00606	Historic	Cabin ruin
HEA-00615	HOTEL HEAT AND POWER HOUSE	Historic	
HEA-00647	CRABBIES CROSSING CABIN ON THE ALASKA RAILROAD	Historic	Historic Cabin Ruin
HEA-00666	RILEY CREEK BRIDGE PILINGS	Historic	bridge remnants
HEA-00667	OXBOW TRAIL CABLE	Historic	metal cable
HEA-00668	OH-RILEY AUTO PARTS	Historic	historic artifact scatter
HEA-00669	NPS Denali	Historic	trail remnant
HEA-00671	FIVE DRUM SITE	Historic	lumber assemblage
HEA-00672	NENANA TERRACE LUMBER	Historic	lumber assemblage
HEA-00673	CUT BONE STP	Historic	cut rib bone isolated find
HEA-00674	HISTORIC CAN BASE ISOLATED FIND	Historic	can isolated find
HEA-00677	NENANA HISTORIC CREEKSIDE SCATTER	Historic	historic scatter
HEA-00678	NENANA HISTORIC DOWNSLOPE SCATTER	Historic	historic scatter
HEA-00679	NENANA HISTORIC SIDEHILL SCATTER	Historic	historic scatter
LIV-00039	LOST CREEK CABIN	Historic	
LIV-00056	WEST FORK	Historic	
LIV-00065	LIV-065	Historic	Cabin
LIV-00403	LIV-00403	Historic	Resource, Mining, Prospect pits, Drift
LIV-00666	LIV-00666	Historic	Cabin
LIV-00751	Elliott Highway - Segment B	Historic	Linear - Highway.
LIV-00752	Elliott Highway - Segment C	Historic	Linear - Highway
LIV-00773	HUNTER CREEK - LIVENGOD TRAIL SEGMENT	Historic	identified portion of the larger RS-2477 Trail.
PSM-00187	PSM-00187	Historic	Lean-to, Spruce poles, Fire place, Historic refuse, Cans, Log structure
WIS-00007	COLDFOOT TOWNSITE	Historic	Settlement, Mining Camp
WIS-00008	WISEMAN HISTORIC DISTRICT	Historic	Historical
WIS-00009	SLISCO'S ROADHOUSE	Historic	Roadhouse
WIS-00038	WIS-00038	Historic	
WIS-00040	COLDFOOT HISTORIC DISTRICT	Historic	
WIS-00041	COLDFOOT MINING SITE	Historic	
WIS-00050	MINNIE CREEK MINE SHAFT	Historic	Mining, Drift mine shaft
WIS-00281	JONAS CABIN	Historic	Cabin, Residence, Log
WIS-00290	MINNIE CREEK DRIFT MINE COMPLEX	Historic	Cabin, Mining
WIS-00314	MARION CREEK CABIN RUIN 2004-1	Historic	Cabin ruin, Prospect pit
WIS-00315	MARION CREEK CABIN RUIN 2004-2	Historic	Cabin ruin
WIS-00316	[DOE] JACK HOOD HEADQUARTERS SITE [AHRS] JAMES HOOD HEADQUARTER SITE	Historic	Middens, Depressions
WIS-00405	WISEMAN CEMETERY	Historic	Cemetery
WIS-00411	WIS-00411	Historic	Bermed foundation, Can scatter, Historic debris
WIS-00419	WIS-00419	Historic	Mining, cabins, shafts
BET-00133	BET-00133		
BET-00138	KYK-108, CARIBOU FENCE		
CHN-00040	Pits 4 And 5, Formerly Part Of CHN-009	--	--
FAI-01554	OLDER NATIVE CEMETERY NORTH OF NENANA		

AHRS	Site Name	Period	Resource Description
FAI-01555	RAILROAD CEMETERY NORTH OF NENANA		
FAI-01557	HISTORIC CAN SCATTER		Can scatter
FAI-01585	[DOE] 105 DUNKEL STREET [AHRS] 104 DUNKEL STREET -- 1910 CABIN BLOCK 2, LOT 6		
FAI-01737	FAI-01737		
FAI-01953	HISTORIC BUILDING COLLEGE ROAD		
FAI-01955	HISTORIC BUILDING COLLEGE ROAD		
FAI-01975	DUPLICATE OF FAI-01972		
FAI-02202	Standard Creek Road Cabin Ruins	--	Log cabins
FAI-02298	FAI-02298	--	Mining, Pits, Ditches, Mounds
FAI-02367	WALTER TITUS SUBSISTENCE CAMP		Native Allotment
HEA-00004	MT. MCKINLEY NATIONAL PARK		
HEA-00035	DELETED, COMBINED WITH HEA-00137 PANGUINGUE CREEK II		
HEA-00239	EROADAWAY		
HEA-00338	[DOE] ARRC BRIDGE MP 354.4 [AHRS] RAILROAD BRIDGE, BRIDGE 354.4		
HEA-00473	NPS DENA USING		
HEA-00616	MCKINLEY AIRFIELD		
HEA-00619	HEA-00619	--	--
LIV-00179	LIV-00179		
LIV-00354	D-12		
LIV-00355	D-13		
LIV-00356	D-14		
LIV-00357	D-18		
LIV-00358	LIV-00358	--	--
LIV-00359	D-21		
LIV-00361	D-23		
LIV-00364	R-VII		
LIV-00378	FIND #1		
LIV-00379	FIND #2		
LIV-00380	NLUR USING		
LIV-00383	SVS-20, WOODSHOOT		
LIV-00386	SVS-26, SIGHTAS ISLAND		
LIV-00418	LIV-00418		
LIV-00725	LIV-00725		black chert tertiary flake
LIV-00749	LIV-00749	--	--
PSM-00595	PSM-00595	--	--
TAN-00118	Dalton Hwy (MP 1 TO 414)	--	Highway
WIS-00280	HISTORIC "CABIN" PIT		
WIS-00384	FRANK MILLER CABIN RESIDENCE		
WIS-00432	WIS-00432	--	--
HEA-00337	[DOE] ARRC BRIDGE MP 305.7 [AHRS] CHULITNA RIVER RAILROAD BRIDGE, BRIDGE 305.7		
WIS-00291	LARSON CREEK CABIN		Cabin, mining, prospects, trash scatter
Source: ADNR, OHA, 2016 All data are verbatim from source			

Table T-4: Indigenous Place Names in the Indirect Impact Area – Interior Region

Place Name No.	Group	Place Name	Meaning	English Name or Location	Source	Kari and Fall (2003) Classification	Geographic Feature
I001	Lower Tanana	Nonotesdoyh No', Tr'antadoyh No'	???	Healy Creek	Kari, 2012	Class Not Clear	Riverine
	Ahtna	Ts'entasdaas Na'	???		Kari, 2012	Class Not Clear	Riverine
I002/SC003	Lower Tanana	Ninano', Ninayh No'	'Stopping while migrating river'	Nenana River	Kari, 2012	Customary Activities	Riverine
I003/SC004	Lower Tanana	Toghotili	'Elongated Object That is Floating'	Nenana village	Kari, 2012	Terrain & Geology	Community
I004/SC005	Lower Tanana	Sosoodeno'	'Sand River'	Susitna River	Kari and Fall, 2003	Hydrology	Riverine
	Upper Kuskokwim	Sosutno'	'Sand River'		Kari and Fall, 2003	Hydrology	Riverine
I005	Lower Tanana	Tth'itu'	'Straight Water (major river),' 'trail river'	Tanana River	Kari, 2012	Hydrology	Riverine
	Tanacross	Tth'itu'	'Straight Water (major river),' 'trail river'		Kari, 2012	Hydrology	Riverine
	Upper Tanana	Tth'itu'	'Straight Water (major river),' 'trail river'		Kari, 2012	Hydrology	Riverine
	Minto	Tth'itu'	'Straight Water (major river),' 'trail river'		Kari, 2012	Hydrology	Riverine
	Koyukon	Teen No', Tene No'	'Trail river', 'straight water' or '? Land river'		Kari, 2012; Kari and Raboff, 2011	Hydrology	Riverine
	Gwich'in	Tanan Gwinjik	'trail river', 'straight water' or '? Land river'		Kari and Raboff, 2011	Hydrology	Riverine
I006	Koyukon	Yookene, Yookkunh	Many interpretations of the name are given. Of interest: 'he is prompting a shaman'.	Yukon River	Kari and Raboff, 2011	Class Not Clear	Riverine
	Lower Tanana	Yukwnh	Not certain; Many interpretations of the name are given. Of interest: 'he is prompting a shaman'.		Kari, 2012; Kari and Raboff, 2011	Class Not Clear	Riverine
	Gwich'in	Yuukon	not certain		Kari and Raboff, 2011	Class Not Clear	Riverine

Place Name No.	Group	Place Name	Meaning	English Name or Location	Source	Kari and Fall (2003) Classification	Geographic Feature
I007	Gwich'in	K'itit'it Gwich'in Njik	'Beneath "Tsee" river;' 'birch headwaters river'	Ray River	Kari and Raboff, 2011	Direction	Riverine
I008	Inupiaq/Kobuk	Kuyuktuvuk	Iñupiaq name reported by Robert Marshall during 1939 fieldwork	Kuyuktuvuk Creek	Orth, 1971; Marshall, 1956	Class Not Clear	Riverine
I009	Inupiaq/Kobuk	Sukakpak	'Martin deadfall'	Sukakpak Mountain	Orth, 1971; Marshall, 1934	Customary Activities	Uplands
I010	Kobuk	Nutirwik	'Blizzard;' named by Robert Marshall (1956) after one of his guides from Wiseman. His name translates to blizzard. His English name was Harry Snowden.	Nutirwik Creek	Orth 1971:712; Marshall 1956	Non-Traditional	Riverine
I011	Koyukon	Eł Noo Taał Denh	'spruce bough island flat place'	"Woodyard Camp" on N bank of Yukon River 17 miles below Fort Hamlin	Kari and Raboff, 2011	Vegetation	Riverine
I012	Koyukon	Eł Noo Taał No'	'spruce bough island flat - stream'	creek at "Woodyard Camp"	Kari and Raboff, 2011	Vegetation	Riverine
I013	Koyukon	Gaadlee Chaaget	'? flows mouth'	mouth of Fish Creek	Kari and Raboff, 2011	Class Not Clear	Riverine
I014	Koyukon	Gaadlee No'	'? flows creek'	Fish Creek	Kari and Raboff, 2011	Class Not Clear	Riverine
I015	Koyukon	Gaał Doh	'king salmon downstream'	king salmon site at Woodyard	Kari and Raboff, 2011	Direction	Riverine
I016	Koyukon	Hukkughutne, Hukkughutno'	'swift water river'	Middle Fork Koyukuk River	Raboff, 2001	Hydrology	Riverine
I017	Koyukon	Kk'oonootne, Kanutena, Koinooten, Konootena, Kornutena, Kornuti, Kornutna, Koznuten	'well traveled river by both man and animals' or 'fish roe river' or 'Old Man's River'	Kanuti River, Old Man Creek, Old Man River	Raboff, 2001, Orth, 1971	Hydrology	Riverine
I018	Koyukon	łel'one	'that which is ahead', or 'that which is on the perimeter'	Mt 3152 "Bench", formerly "Woods Dome"	Kari and Raboff, 2011	Direction	Uplands

Place Name No.	Group	Place Name	Meaning	English Name or Location	Source	Kari and Fall (2003) Classification	Geographic Feature
I019	Koyukon	Łel'one No'	'Creek of the one on the perimeter'	Woodcamp Creek	Kari and Raboff, 2011	Direction	Riverine
I020	Koyukon	Neek'elehno', Neek'elehno, Nohoolchintna, Nokhulchitna	'River where something [salmon] stops [to spawn]'	South Fork Koyukuk River	USFWS 2008; Raboff, 2001; Orth; 1971; Allen; 1887	Class Not Clear	Riverine
I021	Koyukon	Neełts'aahudodoh Denh	'Where ravines divide'	West Fork Dall River	Kari and Raboff, 2011	Hydrology	Riverine
I022	Koyukon	Noonkuhno'	'big animal (bear) river' or 'big porcupine river'	Jim River	Raboff, 2001	Animals	Riverine
I023	Koyukon	Tlaa Ts'eenesh No', Tlaa Ts'oonesh	'we obtain rocks creek'	Big Salt River "affluent to the Yukon River from the north, 31 miles below Ft. Hamlin"	Kari and Raboff, 2011	Customary Activities	Riverine
I024	Koyukon	Tlaa Ts'oonesh Denh	'place where we obtain rocks'	Big Salt River site	Kari and Raboff, 2011	Customary Activities	Riverine
I025	Koyukon	Tlatseniklun, Tlaach'eneetl'oonh	possibly 'something tied to rock'	Isom Creek, "Indian Pass Creek"	Kari and Raboff, 2011	Material Culture	Riverine
I026	Koyukon	Too Loghe	'Limits of water;' Site of Gwich'in raid on Koyukuk village. Site and event is "prominent in current oral traditions"	Olsun's Lake area at head of Kanuti River.	Raboff, 2001; Andrews 1977; Kari and Raboff, 2011	Hydrology	Community
I027	Koyukon	Tseet'o Dlele'	'beneath tsee mountain'	ridge on west side of lower Ray River	Kari and Raboff, 2011	Direction	Uplands
		Tseet'o No', Tseet'o Huno'	'beneath "Tsee" river;' 'birch headwaters river'	Ray River	Kari and Raboff, 2011	Direction	Riverine
		Tseet'o Noo'u	'beneath Tsee island'	Sightas Island	Kari and Raboff, 2011	Direction	Riverine
		Tseet'ot, Tseedo	'beneath "Tsee"'	site on north, 1 mile below Ray River	Kari and Raboff, 2011	Direction	Riverine
I028	Lower Tanana	Batr'a' Ch'ilanh Teya', Bahtr'a Ch'ilanh	'Obsidian Is There Hill'	island on west side of Ts'ut'okh	Kari, 2012	Material Culture	Uplands

Place Name No.	Group	Place Name	Meaning	English Name or Location	Source	Kari and Fall (2003) Classification	Geographic Feature
I029	Lower Tanana	Beghentadhdleni No'	'Current Flows Behind It'	creek east of ridge at Dunbar	Kari, 2012	Direction	Riverine
I030	Lower Tanana	Beghentadhdleni, Beghenit Tadhdeni	'Current Flows Behind It'	ridge at Dunbar	Kari, 2012	Direction	Uplands
I031	Lower Tanana	Bek'e Ch'ubadi No'	'stream of on it something is grey/white'	Richardson Creek (into Hess Creek)	Kari and Raboff, 2011	Hydrology	Riverine
I032	Lower Tanana	Bek'e Dethdetiya, Bek'e Dethdetiya~yi	'One That Never Freezes'	"Old David Lake" in Four Cabin area	Kari, 2012	Hydrology	Lacustrine
I033	Lower Tanana	Bek'et Notr'iyhtr'edele'goy a, Bek'e Notr'iyhdedegoyi	'On It We Dry Out a Canoe'	hill south of Slate Creek	Kari, 2012	Material Culture	Uplands
I034	Lower Tanana	Benh Edilenhde	'Lake That Current Flows To'	Anderson Lake	Kari, 2012	Hydrology	Lacustrine
I035	Lower Tanana	Benh K'ighw Dadhdlenide	'Current Flows Onto Lake'	"Lookout Lake", south side of Little Goldstream	Kari, 2012	Hydrology	Lacustrine
I036	Lower Tanana	Be'ot Noyeghi'edhedenh Tth'enhk'at	'The Grave of the One Who was Killed by His Wife'	site near Birch Island	Kari, 2012	People	Riverine
I037	Lower Tanana	Beth Gezret	'Bank Gap'	bank on north, west of Dunbar	Kari, 2012	Terrain & Geology	Uplands
I038	Lower Tanana	Beth Idakhde	'Where The Bank is Sliding Down'	Old Green's place, location uncertain	Kari, 2012	Terrain & Geology	Lowlands
I039	Lower Tanana	Beth Nelk'wle' Mena'	'White Bank Lake'	lake to west	Kari, 2012	Hydrology	Lacustrine
		Beth Nelk'wle' No'	'White Bank Creek'	creek from hill	Kari, 2012	Hydrology	Riverine
		Beth Nelk'wle'denh	'White Bank'	hill, west edge of ridge	Kari, 2012	Terrain & Geology	Uplands
I040	Lower Tanana	Beth T'otono No'	'Water Beneath Bank-Creek'	"Nunivak Slough", West Middle River	Kari, 2012	Direction	Riverine
I041	Lower Tanana	Beth T'otono No' Dochaget	'Water Beneath Bank-Creek'	mouth of Middle River	Kari, 2012	Direction	Riverine
I042	Lower Tanana	Bezreya' Tr'enotigheltonhdenh	'Where Otter Has a Trail That Comes Out'	lake south, close to Chatanika	Kari, 2012	Animals	Lacustrine
I043	Lower Tanana	Bezreya' Toteth Bena'	'Otter Portage Lake'	Lloyd's Lake 305	Kari, 2012	Animals	Lacustrine
I044	Lower Tanana	Bezreya' Toteth No'	'Otter Portage Creek'	outlet of Lloyd's Lake 305	Kari, 2012	Animals	Riverine
I045	Lower Tanana	Ch'eda' Dedhtonh Mena'	'Horn is There-Lake'	lake near "Crow Found Creek"	Kari, 2012	Animals	Lacustrine

Place Name No.	Group	Place Name	Meaning	English Name or Location	Source	Kari and Fall (2003) Classification	Geographic Feature
I046	Lower Tanana	Ch'eda' Dedhtonh Mena'	'Horn is There-Lake'	lake near Dunbar on south side of Goldstream	Kari, 2012	Animals	Lacustrine
I047	Lower Tanana	Ch'edhotr'ighikanh Nunkw	'we paddled into mouth-slough'	possibly slough on south side of Senatis Island, PJ "near Yukon Bridge"	Kari and Raboff, 2011	Customary Activities	Riverine
I048	Lower Tanana	Ch'ekhododi Ch'it'wda Bena'	'Downstream Leech Lake'	lake west of Berg	Kari, 2012	Direction	Lacustrine
I049	Lower Tanana	Ch'ekhododi Tobo Mena'	'Downstream Swan Lake'	two lakes on west side	Kari, 2012	Direction	Lacustrine
I050	Lower Tanana	Ch'ekhondot Benh K'et Udadhdlende	'Downstream Lake With Current Through It'	lower lake of 695	Kari, 2012	Direction	Lacustrine
I051	Lower Tanana	Ch'ekhonidi Ch'it'wda Bena'	'Upstream Leech Lake'	lake near Tanana River west of Berg	Kari, 2012	Direction	Lacustrine
I052	Lower Tanana	Ch'ekhonit Benh K'et Udadhdlenhde	'Upstream Lake with Current Through It'	"Lookout Lake", Titus Paul Lake east of Little Goldstream	Kari, 2012	Direction	Lacustrine
I053	Lower Tanana	Chenh Chwkh	'Big Meadow'	flat on West Fork	Kari, 2012	Terrain & Geology	Lowlands
I054	Lower Tanana	Chenh Chwkh Bena'	'Big Meadow Lake'	lake on flats west of Middle Fork	Kari, 2012	Hydrology	Lacustrine
I055	Lower Tanana	Ch'etoch'ono'	'Stream of Opposing Water'	middle and upper Tolovana River	Kari, 2012	Hydrology	Riverine
I056	Lower Tanana	Ch'etoch'ono' No' Khwdochaget	'Mouth of Stream of Opposing Water'	mouth of middle Fork of Tolovana River	Kari, 2012	Hydrology	Riverine
I057	Lower Tanana	Ch'etontswkh Bena'	'Yellow Water'	"Agnes Lake"	Kari, 2012	Hydrology	Lacustrine
I058	Lower Tanana	Ch'etontswkh No'	'Yellow Water'	Little Nenana River, on S bank, below mouth of Nenana River, "Flapjack Slough"	Kari, 2012	Hydrology	Riverine
I059	Lower Tanana	Ch'o Mena'	'Opposite Lake'	small lake on winter trail lake this way towards Dunbar 233	Kari, 2012	Direction	Lacustrine

Place Name No.	Group	Place Name	Meaning	English Name or Location	Source	Kari and Fall (2003) Classification	Geographic Feature
I060	Lower Tanana	Dalbi Dochaget	'Gosling Mouth'	mouth of Sam George Creek	Kari, 2012	Hydrology	Riverine
		Dalbi Nik'a	'Gosling Creek'	Sam George Creek	Kari, 2012	Hydrology	Riverine
		Dalbi Nik'a Ghw Tokhdadleyokhw	'lakes off Gosling Creek'	lakes off Sam George Creek	Kari, 2012	Direction	Lacustrine
		Dalbi Nik'a Ch'ekhwghanugw	'Uplands of Gosling Creek'	upstream area of <i>Dolbi Nik'a</i>	Kari, 2012	Direction	Riverine
I061	Lower Tanana	Decheloya Ghilenh Mena'	'Flows To End of Woods-Lake'	lake west of Minto Lakes	Kari, 2012	Hydrology	Lacustrine
I062	Lower Tanana	Decheloyi Ghilenh No'	'Flows to End of Woods-Stream'	outlet of 613	Kari, 2012	Hydrology	Riverine
I063	Lower Tanana	Dechethtlakh No'	'Soft Sticks River'	creek from east	Kari, 2012	Vegetation	Riverine
I064	Lower Tanana	Dechethtlakh Teya'	'Soft Sticks Hill'	hill "Midnight Island"	Kari, 2012	Vegetation	Uplands
I065	Lower Tanana	Denigi Tr'idhdliyh Toyana'	'We Snared a Moose - Straight Channel'	place on Chatanika in canyon	Kari, 2012	Customary Activities	Riverine
I066	Lower Tanana	Dets'eni Tr'eghosr Bena'	'Ducks Are Hollering Lake'	Fifteenmile Lake	Kari, 2012	Animals	Lacustrine
I067	Lower Tanana	Dets'eni Tr'eghosr Nu'	'Ducks are Hollering Island'	Sawmill Island	Kari, 2012	Animals	Riverine
I068	Lower Tanana	Dets'eni Trona'	'Duck Shit'	hill south of Minto Lake	Kari, 2012	Animals	Uplands
I069	Lower Tanana	Dets'eni Trona' Mena'	'Duck Shit Lake'	lake south of Minto Lake	Kari, 2012	Animals	Lacustrine
I070	Lower Tanana	Dinji Uko Tr'ekhutékakhde	'Where We Dig For Gold'	Livengood townsite	Kari, 2012	Historic Events or Activities	Community
I071	Lower Tanana	Dleté Nitégchw Nodadlghwni (T)	'Mountains That are Joined Together'	Mount Healy	Kari, 2012	Terrain & Geology	Uplands
I072	Lower Tanana	Dotron' Tr'ilétanhde	'Where We Found a Raven'	site at "Crow Found Creek"	Kari, 2012	Mythological Events	Riverine
I073	Lower Tanana	Dotron' Tr'ilétanhde No'	'Where We Found a Raven Creek'	"Crow Found Creek" paralleling Tolovana on the west	Kari, 2012	Mythological Events	Riverine
I074	Lower Tanana	Dots'ekhdi Bena'	'Sucker Lake'	small pond near Morris Gunderman's, close to Tanana River	Kari, 2012	Fish	Lacustrine
I075	Lower Tanana	Dradlaya Chaget	'Round Whitefish Mouth'	canyon mouth on Chatanika	Kari, 2012	Fish	Lowlands
		Dradlaya Sedha'	'Round Whitefish Ridge'	ridge along north side of Chatanika Canyon	Kari, 2012	Fish	Uplands

Place Name No.	Group	Place Name	Meaning	English Name or Location	Source	Kari and Fall (2003) Classification	Geographic Feature
		Dradlaya Nik'a	'Round Whitefish River'; "The origin of "Chatanika" is still unknown. This is an early historic names, but it does not appear related to dradlaya. We suspect it is another stream name that was used by Chena people."	Chatanika River (above Minto Flats);	Kari, 2012	Fish	Riverine
I076	Lower Tanana	Dwkhtso Dedhdlodenh	'Where There are Caches;' This is a "prominent site, at major trail intersection"	"Cache", at mouth of middle Goldstream	Kari, 2012	Material Culture	Riverine
I077	Lower Tanana	Dzonh Noghilenh No'	'Murky Water Flows Down'	creek into Washington Creek at 476 ridge	Kari, 2012	Hydrology	Riverine
I078	Lower Tanana	Ena' Notokhwatadh'onh	'Channel Cut Through Upstream'	Mission Slough, 2-3 miles above Nenana,	Kari, 2012	Direction	Riverine
I079	Lower Tanana	Gadli No'	'Meaning Uncertain-River'	Fish Creek into Hess Creek	Kari, 2012	Class Not Clear	Riverine
I080	Lower Tanana	Gene Wright Slough	No entry provided	Gene Slough near Totadlnika	Kari, 2012	Class Not Clear	Riverine
I081	Lower Tanana	Jega K'otenet	'Trail For Berries'	Poker Slough, 2-3 miles above village	Kari, 2012	Trails	Riverine
I082	Lower Tanana	K'ah Nodadelenh Dochaget	'Mouth of Current Flows Back'	mouth of West Fork of Tolovana River	Kari, 2012	Hydrology	Riverine
I083	Lower Tanana	Khenge Nu'	'Upland Island'	island on west side of lake south of Minto Lake	Kari, 2012	Terrain & Geology	Lacustrine
I084	Lower Tanana	Khogezret	'Gap'	notch in mountain	Kari, 2012	Terrain & Geology	Uplands
I085	Lower Tanana	Khogezret Khwno'	'Gap Creek'	stream into Minto Lake	Kari, 2012	Hydrology	Riverine
I086	Lower Tanana	Kholoya Ddhela'	'End Mountain'	ridge west end of Murphy Dome	Kari, 2012	Terrain & Geology	Uplands

Place Name No.	Group	Place Name	Meaning	English Name or Location	Source	Kari and Fall (2003) Classification	Geographic Feature
I087	Lower Tanana	Khotolno No'	'Water Comes Up Creek'	"Woods Creek", Glacier Creek	Kari, 2012	Hydrology	Riverine
I088	Lower Tanana	Khotolnode	'Where Water Comes Up'	large island on west side of Nenana River below Anderson	Kari, 2012	Hydrology	Riverine
I089	Lower Tanana	Khudhe'onh No'	'House is There Creek'	Lignite Creek, formerly Hosiana Creek	Kari, 2012	Material Culture	Riverine
I090	Lower Tanana	Khwdégi Bena'	'Upper Lake'	south "Upper Lake" lake above "swan lake"	Kari, 2012	Hydrology	Lacustrine
I091	Lower Tanana	Khwdodli Nik'a Khedilenhde	'Where It Flows to Cold Descends-Creek'	former outlet of Minto Lake, a north-south ravine toward Goldstream	Kari, 2012	Hydrology	Riverine
		Khwdodli Dochaget	'Cold Enters Mouth'	mouth of Big Goldstream	Kari, 2012	Hydrology	Riverine
		Khwdodli Nik'a	'Cold Enters-River'	Big Goldstream	Kari, 2012	Hydrology	Riverine
I092	Lower Tanana	Khwhghonhnit Totth'iya Mena'	'Upstream Spruce Twigs Lake'	upper Linder Lake	Kari, 2012	Direction	Lacustrine
I093	Lower Tanana	Khwn'a Khwjeda Bena'	'Rotten River Lake'	lake on 658	Kari, 2012	Hydrology	Lacustrine
I094	Lower Tanana	Khwthten' Bene'	'Round Whitefish Lake'	small lake on Slate Creek	Kari, 2012	Fish	Lacustrine
I095	Lower Tanana	Khwthten' No'	'Round Whitefish River'	possibly Slate Creek or channel of Dry Creek	Kari, 2012	Fish	Riverine
I096	Lower Tanana	Khwtl'o Mena'	'Headwaters Lake'	lake at head of 409	Kari, 2012	Hydrology	Lacustrine
I097	Lower Tanana	Khwtoghidhonn No'	'Where Water Goes Dry Creek'	Dry Creek at Healy	Kari, 2012	Hydrology	Riverine
I098	Lower Tanana	Khwtisité Tanakhghilayhde	'Where They Put Weir in Water'	wier site below canyon on Chatanika River	Kari, 2012	Customary Activities	Riverine
I099	Lower Tanana	Khwyh Tena	'Winter Trail'	Toklat Trail	Kari, 2012	Trails	Riverine
I100	Lower Tanana	K'iyh Ghoyi Mena'	'End of Birch – Lake'	lake south of Chatanika	Kari, 2012	Vegetation	Lacustrine
I101	Lower Tanana	K'iyh K'at'l'ona	'Birch Cut Bank'	bank north side of Chatanika, below Shovel Creek	Kari, 2012	Vegetation	Riverine

Place Name No.	Group	Place Name	Meaning	English Name or Location	Source	Kari and Fall (2003) Classification	Geographic Feature
I102	Lower Tanana	K'iyh Netoŋé'odenh	'Where Slough Extends Into Birch'	"Four Cabin"	Kari, 2012	Vegetation	Riverine
I103	Lower Tanana	K'iyh Nu Mena	'Birch Island Lake'	lake east of Tolovana	Kari, 2012	Vegetation	Lacustrine
I104	Lower Tanana	K'iyh Nude	'Birch Island Place	site at 345	Kari, 2012	Vegetation	Lacustrine
I105	Lower Tanana	K'iyh Toni'odenh	'Where Birch Hill Extends Into Water'	lake with island	Kari, 2012	Vegetation	Lacustrine
I106	Lower Tanana	K'iyh Tretr Ch'oghwna'	'Dry Birch Ridge'	spur off Washington Creek, east of 538	Kari, 2012	Vegetation	Uplands
I107	Lower Tanana	K'iyh Tretr Ch'oghwna' Koget	'Dry Birch Ridge Flat'	meadow to west of ridge 476	Kari, 2012	Vegetation	Lowlands
I108	Lower Tanana	K'wy' Ch'eda'	'Tough Willow'	lake west of Ts'ut'okh	Kari, 2012	Vegetation	Lacustrine
I109	Lower Tanana	K'wy' Nga No'	'Willow Uplands Stream'	creek from K'wy' Nga Mena' into Chatanika	Kari, 2012	Vegetation	Riverine
I110	Lower Tanana	K'wy' No'	'Willow Stream'	Rosebud Creek	Kari, 2012	Vegetation	Riverine
I111	Lower Tanana	K'wy' Yitr'anilenhdenh	'Current Flows Out from Willows'	creek into upper Tl'wkh TtheK	Kari, 2012	Hydrology	Riverine
I112	Lower Tanana	Łats Teya'	'Soil Hill'	low hill 5 miles out of Nenana, Finn AK B & B, "Sand Hill"	Kari, 2012	Terrain & Geology	Uplands
I113	Lower Tanana	Menh Dasr Mena'	'shallows lake lake'	lake north of Chatanika	Kari, 2012	Hydrology	Lacustrine
I114	Lower Tanana	Menh Degwdi	'Spearing Lake'	Otto Lake at Healy	Kari, 2012	Customary Activities	Lacustrine
I115	Lower Tanana	Menh Ts'aga	'Narrow Lake'	below Ninemile Lake, West of West Middle River	Kari, 2012	Hydrology	Lacustrine
I116	Lower Tanana	Menh Ts'age No'	'Narrow Lake Creek'	stream from Menh Ts'aga	Kari, 2012	Hydrology	Riverine
I117	Lower Tanana	Menhti	'Among the Lakes'	Minto Lakes area	Kari, 2012	Hydrology	Lacustrine
I118	Lower Tanana	Menhti Khwno', Menhtwkh No'	'Among the Lakes Stream'	outlet stream from Minto Lakes	Kari, 2012	Hydrology	Riverine
I119	Lower Tanana	Meno' Dwkhtenayi No'	'Its Creek-Bridge-Creek'	creek into Washington Creek from south	Kari, 2012	Hydrology	Riverine

Place Name No.	Group	Place Name	Meaning	English Name or Location	Source	Kari and Fall (2003) Classification	Geographic Feature
I120	Lower Tanana	Ndeneldeji Notelyayhde	'Where Paper is Carried;' Winter Trail	Mail Trail, Nenana to Knight's trail, Iditarod Trail	Kari, 2012	Historic Events or Activities	Lowlands
I121	Lower Tanana	Nenano' Denyit, Toghotili Denyit	'Stopping Place River Canyon' or 'Floating Object Canyon'	Windy Pass canyon	Kari, 2012	Customary Activities	Lowlands
I122	Lower Tanana	Niék'ach'enidetl'un h Mena'	'Snare Set on Both Sides-Lake'	horseshoe lake 1 mile up Little Goldstream	Kari, 2012	Customary Activities	Lacustrine
I123	Lower Tanana	Niék'adadelenhde	'Confluence, Currents Join'	confluence of Little Goldstream and Goldstream	Kari, 2012	Hydrology	Riverine
I124	Lower Tanana	Niék'hodayi Mena'	'Sisters Together Lake'	"Three Sisters Lake"	Kari, 2012	People	Lacustrine
I125	Lower Tanana	Ninano' Khwtl'ot	'Stop While Migrating River Headwaters'	upper Nenana River area	Kari, 2012	Customary Activities	Riverine
		Ninano' Dontha'	'Ahead of Stop While Migrating River'	region beyond Nenana River (towards Broad Pass)	Kari, 2012	Direction	Uplands
		Ninano' Khwdochaget	'Moving-Stream Mouth'	mouth of Nenana River	Kari, 2012	Customary Activities	Riverine
I126	Lower Tanana	Toghotili T'okh	'Beneath the One That Floats'	North Nenana, two or more sites below Nenana bluff	Kari, 2012	Direction	Riverine
		Toghotili Ch'oghwna'	'Ridge of the One That Floats'	peak of Nenana bluff, ridge pointing to Jimmy Sizemore lake	Kari, 2012	Terrain & Geology	Uplands
		Toghotili Bechiyet, Toghotili Chiyet	'Tip of the One That Floats'	south point of Nenana bluff	Kari, 2012	Terrain & Geology	Riverine
		Toghotili Betthedlet	'Anus of the One That Floats'	flank peak south side of Nenana bluff	Kari, 2012	Terrain & Geology	Uplands
I127	Lower Tanana	Ninotr'iyhleyayhden h, Ninotr'iyh'ilyayhde	'Where Canoes are Left'	stream at bend on Chatanika River	Kari, 2012	Customary Activities	Riverine
I128	Lower Tanana	Ninotr'iyhlyayhde	'Where Canoes are Customarily Left'	above Seventeenmile Slough on Teklanika	Kari, 2012	Customary Activities	Riverine

Place Name No.	Group	Place Name	Meaning	English Name or Location	Source	Kari and Fall (2003) Classification	Geographic Feature
I129	Lower Tanana	Nobethdenadh'o No'	'Stream of Bank is There'	slough, shortcut above Swallows	Kari, 2012	Hydrology	Riverine
I130	Lower Tanana	Noch'enani'ode	'Where Something (Bridge) Extends Across'	Ferry	Kari, 2012	Non-Traditional	Riverine
I131	Lower Tanana	Nodh'oya	'Bucket,' 'Basin'	flat area near Fourmile Lake	Kari, 2012	Terrain & Geology	Lowlands
		Nodh'oya Bena'	'Basin Lake'	Fourmile Lake	Kari, 2012	Hydrology	Lacustrine
		Nodh'oya' Tr'anité'ode	Where Bucket Extends Out	creek on south where leave canoe	Kari, 2012	Hydrology	Riverine
I132	Lower Tanana	No'ethdanilo Mena'	Fish Traps Go Across-Lake	lake off creek 664	Kari, 2012	Customary Activities	Lacustrine
I133	Lower Tanana	No'ethdanilode	Where Fish Traps Go Across	creek near mouth of Rotten Creek and <i>Noxweltonh</i> M.	Kari, 2012	Customary Activities	Riverine
I134	Lower Tanana	Nogeddha Kan'	Fox Den	lake south of Chatanika	Kari, 2012	Animals	Lacustrine
I135	Lower Tanana	Noghebeli Tene Nodenani'ode	Object That Extends Across the Trail of the Thing That Rolls	railroad bridge at Nenana	Kari, 2012	Non-Traditional	Riverine
I136	Lower Tanana	Noghilenh Bene'	Waterfall Lake	small lake on lower <i>Noghilenh No'</i>	Kari, 2012	Hydrology	Lacustrine
I137	Lower Tanana	Noghilenh No'	Waterfall Creek	stream below <i>Chuyh No'</i> in Nenana drainage before mail trail roadhouse	Kari, 2012	Hydrology	Riverine
I138	Lower Tanana	Nok'et Dodhdlenh Mena'	Flows onto Salt Lick-Lake	"Turn Back Lake", lake north of lake 469	Kari, 2012	Hydrology	Lacustrine
I139	Lower Tanana	Nokhwghiltonh Mena', Nokhwiltonh Mena', Nokhwétenh, Nokhwghiltonh Mena',	Thunder Lake, Bad Weather Lake	Southern most Minto Lake	Kari, 2012	Weather	Lacustrine
		Nokhwétonh No', Nokhwiltonh No', Nokhwiltonh Mena', Nokhwitenh Mena'	Thunder Stream	outlet of south Minto Lake, "Rotten Slough"	Kari, 2012	Weather	Riverine

Place Name No.	Group	Place Name	Meaning	English Name or Location	Source	Kari and Fall (2003) Classification	Geographic Feature
		Nokhwiltonh No' Dochaget	Bad Weather Stream Mouth	mouth of Rotten Slough at Little Goldstream	Kari, 2012	Weather	Riverine
I140	Lower Tanana	Nokhwiltidenodedle nh No'	'Slanted Sled Creek'	creek into Tolovana south of Brooks Creek	Kari, 2012	Material Culture	Riverine
I141	Lower Tanana	Nok'iyhdaghité'ode	"Where Birch Extends Down"	creek west of <i>Nondenadek wyi Chwkh</i>	Kari, 2012	Vegetation	Riverine
I142	Lower Tanana	Notédeth Mena'	'Great Grey Owl Lake'	"Owl Lake" north of Tatalina River	Kari, 2012	Animals	Lacustrine
I143	Lower Tanana	Nonoti'idetonhde	'Where Trail Crosses Back Again'	at Nenana River, where Kobi trail meets river, below highway bridge	Kari, 2012	Trails	Riverine
I144	Lower Tanana	Nonudalyodenh, Nonudalyokhw	'Islands Extend Across Place'	outlet stream of <i>Noxwghiltonh</i> M. to west	Kari, 2012	Hydrology	Riverine
I145	Lower Tanana	Nothdodedadle'ode nh	'Where Timbered Area Comes Out'	creek paralleling Tatalina River to south	Kari, 2012	Vegetation	Riverine
I146	Lower Tanana	Nu K'ech'idet'otthde	'Island That Was Cut in Two'	island above Sawmill Island	Kari, 2012	Hydrology	Riverine
I147	Lower Tanana	Nu K'ech'idet'otthde Nunkw	'Island That Was Cut in Two Anabranh'	Soldiers Slough	Kari, 2012	Hydrology	Riverine
I148	Lower Tanana	Nudh'onh Mena'	'Island is There Lake'	lake south of Washington Creek	Kari, 2012	Hydrology	Lacustrine
I149	Lower Tanana	Nudh'onh No'	'Island is There Creek'	creek into lower Washington Creek	Kari, 2012	Hydrology	Riverine
I150	Lower Tanana	Nuduyi No'	'Lynx Creek'	Walker Creek	Kari, 2012	Animals	Riverine
I151	Lower Tanana	Nulaghi Nilekh No'	'Dog Salmon Run Creek'; 'Blackbear Creek'	Bear Creek	Kari, 2012	Fish	Riverine
I152	Lower Tanana	Ohoya Mena'	'Old Squaw Lake'	lake north of lower Washington Creek	Kari, 2012	Animals	Lacustrine
I153	Lower Tanana	Salétsedza Khulanhde, Chafétsedza Khulanhde	'Where There are Swallows'	bluff on north bank, 306	Kari, 2012	Animals	Uplands

Place Name No.	Group	Place Name	Meaning	English Name or Location	Source	Kari and Fall (2003) Classification	Geographic Feature
I154	Lower Tanana	Salétsedza No'	'Swallows Creek'	creek from bluff on north bank, 306, flows into Lloyd's outlet	Kari, 2012	Animals	Riverine
I155	Lower Tanana	Sanh Tena	'Summer Trail'	trail to south from <i>Nodh'oya</i>	Kari, 2012	Trails	Lowlands
		Sanh Tena	'Summer Trail'	trail up west end of Murphy Dome	Kari, 2012	Trails	Uplands
		Sanh Tena No'	'Summer Trail Stream'	stream on west end of Murphy Dome	Kari, 2012	Trails	Riverine
I156	Lower Tanana	Sanhti Belayi Notighedetoni	'Summertime Trail Extends On End of It'	summer trail north-south along <i>Ts'eba Dala Nilani</i>	Kari, 2012	Trails	Uplands
I157	Lower Tanana	Sen' Trona' No'	'Star Excrement, Coal (Meteor) Creek'	Coal Creek, Suntrana	Kari, 2012	Significant Human Events	Riverine
I158	Lower Tanana	Sresr Chaget	'Black Bear Mouth'	mouth of creek into Minto Lake	Kari, 2012	Animals	Riverine
		Sresr No'	'Black Bear Creek'	creek into Minto Lake	Kari, 2012	Animals	Riverine
		Sresr Ddhela', Sresr Yeddha'	'Black Bear Mountain'	Ester Dome & Ridge extending west to Parks Highway ridge	Kari, 2012	Animals	Uplands
I159	Lower Tanana	Sro Teya'	'Sun Hill'	hill east of Twomile Lake	Kari, 2012	Weather	Uplands
I160	Lower Tanana	Sro Teya' Mena'	'Sun Hill Lake'	Twomile Lake	Kari, 2012	Weather	Lacustrine
I161	Lower Tanana	Tadhtreyh Mena'	'Red-Throated Loon Lake'	Sixmile Lake	Kari, 2012	Animals	Lacustrine
I162	Lower Tanana	Tadhtreyh Mena' No'	'Red-Throated Loon Lake Creek'	Sixmile Lake outlet stream	Kari, 2012	Animals	Riverine
I163	Lower Tanana	Tat'ali No'	'Wading Creek'	middle Washington Creek	Kari, 2012	Class Not Clear	Riverine
I164	Lower Tanana	T'egheth Tr'anilé'ode	'Where Cottonwood Extends Out'	point on north below, above Clear	Kari, 2012	Vegetation	Riverine
I165	Lower Tanana	Teghilenh Dochaget	'Where Current Flows Off to the Side'	lower end of Seventeenmile Slough hits Nenana River	Kari, 2012	Hydrology	Riverine

Place Name No.	Group	Place Name	Meaning	English Name or Location	Source	Kari and Fall (2003) Classification	Geographic Feature
		Teghilenh No'	'Where Current Flows Off to the Side'	"Seventeen Mile Slough", Lost Slough /mountain 9	Kari, 2012	Hydrology	Riverine
		Teghilenhde	'Where Current Flows Off to the Side'	upper end of "Seventeen Mile Slough", Lost Slough /mountain 9	Kari, 2012	Hydrology	Riverine
I166	Lower Tanana	Teyh Chwkh	Big Hill	hill probably between Little and Big Panguingue Creeks	Kari, 2012	Terrain & Geology	Uplands
I167	Lower Tanana	Teyh Chwkh No'	Big Hill Creek	Big Panguingue Creek	Kari, 2012	Hydrology	Riverine
I168	Lower Tanana	Teyh Dedeghw Notidaghetonhdenh	Where Trail Goes Down Over a Hill Again	trail between Tatalina River and Washington Creek	Kari, 2012	Trails	Uplands
I169	Lower Tanana	Teyh Loyet	End of the Hill	hill near <i>Benh Ts'age No'</i> and west of Rubber Lake	Kari, 2012	Terrain & Geology	Uplands
I170	Lower Tanana	Teyh Yi Datltoni	One That is Within the Hill	Rubber Lake	Kari, 2012	Hydrology	Lacustrine
I171	Lower Tanana	Thoyh Iljoyhde	Where Sand Slides Down	where Drain stayed	Kari, 2012	Terrain & Geology	Lowlands
I172	Lower Tanana	Tla Chene (T)	Base of the Rock	ridge east of Ferry	Kari, 2012	Terrain & Geology	Uplands
I173	Lower Tanana	Tla Chene No' (T)	Base of the Rock Creek	Walker Creek east of Ferry	Kari, 2012	Hydrology	Riverine
I174	Lower Tanana	Tla Noghelzutéde	Where Rock Extends Down Pipe-Like	canyon and stream off Sugar Loaf mountain	Kari, 2012	Terrain & Geology	Lowlands
I175	Lower Tanana	Tleleyh Teye' (T)	Ground Squirrel Hill	north end of Sugar Loaf Mountain	Kari, 2012	Animals	Uplands
I176	Lower Tanana	Tl'onanochenh-'etl-'ode	Cut Bank Extend to a Flat	flat on left bank	Kari, 2012	Terrain & Geology	Lowlands
I177	Lower Tanana	Tobo Bena'	Swan Lake	lake between "Middle River" and Nunivak Slough	Kari, 2012	Animals	Lacustrine
I178	Lower Tanana	Tobo Bena'	Swan Lake	lake south of <i>Ts'etsan' Nilani</i> 355	Kari, 2012	Animals	Lacustrine
I179	Lower Tanana	Tobo Goya Ts'enh Tr'anach'ekhelayayhdenh	Where They Bring Out Small Swans	site on east side of Tolovana	Kari, 2012	Customary Activities	Riverine

Place Name No.	Group	Place Name	Meaning	English Name or Location	Source	Kari and Fall (2003) Classification	Geographic Feature
I180	Lower Tanana	Tobo Mena'	Swan Lake	lake east of mouth of "Rotten Slough	Kari, 2012	Animals	Lacustrine
I181	Lower Tanana	Tobo Mena' No'	Swan Lake Stream	creek into Tolovana from west	Kari, 2012	Animals	Riverine
I182	Lower Tanana	Tobo Mena' No'	Swan Lake Creek	lake behind Four Cabin, near <i>Tobo Bena No'</i>	Kari, 2012	Animals	Lacustrine
I183	Lower Tanana	Tobo Mena'	Swan Lake	lake with stream flowing to <i>Tl'odoli No'</i>	Kari, 2012	Animals	Lacustrine
I184	Lower Tanana	Toch'edha Nik'a Dochaget	'Mouth of Water Amulet River'	mouth of East Middle River aka Teklaneeka River	Kari, 2012	Material Culture	Riverine
I185	Lower Tanana	Toch'eltonh No', Toch'otanhde	'Something Is Put in the Water'	Julius Creek	Kari, 2012	Customary Activities	Riverine
I186	Lower Tanana	Tochokh Khwtsela	'Little Big Water'	flat near Seventeenmile, location Approximate	Kari, 2012	Terrain & Geology	Lowlands
I187	Lower Tanana	Tochokh Khwtsela No'	'Little Big Water Creek'	creek near Seventeenmile	Kari, 2012	Hydrology	Riverine
I188	Lower Tanana	Tok'a Sedha' Chwkh	'Big Timbered Valley Ridge'	ridge south of mouth of canyon of upper Chatanika	Kari, 2012	Vegetation	Uplands
I189	Lower Tanana	Tok'a Sedha Tsetl'a	'Little Timbered Valley Ridge'	hill east of <i>Ts'ut'okh Mena'</i>	Kari, 2012	Vegetation	Uplands
I190	Lower Tanana	Tok'a Sedhano'	'Valley Ridge Stream'	stream off <i>Tok'a Sedha' tsetl'a</i>	Kari, 2012	Hydrology	Riverine
I191	Lower Tanana	Toltthwgha Dochaget	'Yellow Water Mouth'	mouth of middle (Big) Goldstream, at "Cache"	Kari, 2012	Hydrology	Riverine
I192	Lower Tanana	Tonka' Ch'ekadadhdlo Mena'	'Grebes Gather-Lake'	lake at base of hill	Kari, 2012	Animals	Lacustrine
I193	Lower Tanana	Toteth Nots'ekholyayhde	'Where They Bring Things Over Pass'	portage trail to Tatalina River, over south end of ridge 346	Kari, 2012	Customary Activities	Uplands

Place Name No.	Group	Place Name	Meaning	English Name or Location	Source	Kari and Fall (2003) Classification	Geographic Feature
I194	Lower Tanana	Toteth Tena	'Portage Trail'	portage above railroad bridge on north side	Kari, 2012	Trails	Uplands
I195	Lower Tanana	Totthaghi'o Bena', Totthanaghié'o Bena'	'Rock That Extends Into the Water Lake'	small lake on east bluff, bluff 790' north of Browne on Nenana River at Rex	Kari, 2012	Terrain & Geology	Lacustrine
		Totthaghi'o No'	'Rock That Extends Into the Water Stream'	Birch Creek	Kari, 2012	Terrain & Geology	Riverine
		Totthaghi'ode, Totthanaghié'ode	'Rock That Extends Into the Water'	"Kobe Bluff" west of Nenana River, also bluff 790' north of Browne on Nenana River at Rex,	Kari, 2012	Terrain & Geology	Riverine
I196	Lower Tanana	Toteth Tr'anati'idetonhde	'Where Trail Comes Out From the Pass'	traditional blazed trail upstream along east side Nenana River that leads through Range	Kari, 2012	Trails	Riverine
I197	Lower Tanana	Tr'achenhdhe'ode, Tr'achenhnié'ode	'Where a Meadow Extends Out'	flat at south base of Toghotili	Kari, 2012	Terrain & Geology	Lowlands
I198	Lower Tanana	Tr'atudenadetswkh de, Ch'etontswkh No'	'Where Yellow Water Flows Out;' 'Yellow Water Creek'	"Merriwell Slough"; now washed out, 300 yards above airport on south side creek east of Nenana village	Kari, 2012	Hydrology	Riverine
I199	Lower Tanana	Tr'edeghathdek'oni	'Edged Object Extends Out'	ridge toward Big Goldstream, up Glacier Creek	Kari, 2012	Terrain & Geology	Uplands
I200	Lower Tanana	Tr'ekhodetthatlde	'Where It Got Chopped It Out'	lake opposite mouth of Sam George Creek mouth	Kari, 2012	Customary Activities	Lacustrine
I201	Lower Tanana	Tr'iyh Khwt'ani No'	'Stream of One That has a Canoe'	Fortune Creek into Goldstream	Kari, 2012	Customary Activities	Riverine

Place Name No.	Group	Place Name	Meaning	English Name or Location	Source	Kari and Fall (2003) Classification	Geographic Feature
I202	Lower Tanana	Tr'iyh Khwt'ani No'	'Stream of One That has a Canoe'	Fortune Creek into Goldstream	Kari, 2012	Customary Activities	Riverine
I203	Lower Tanana	Tr'iyh Khwt'ani	'Like a Canoe'	mountain 2467'	Kari, 2012	Material Culture	Uplands
I204	Lower Tanana	Tr'iyh Tenet	'Canoe Trail'	portage from Nunivak to Frog to Upper	Kari, 2012	Trails	Lacustrine
		Tr'eyi Tr'eghidatlde	'Where We Go into Canoes'	Spring Camp on Little Goldstream	Kari, 2012	Customary Activities	Riverine
		Tr'iyh Deghoyhde	'Where Canoes are Made'	camp on Little Goldstream opposite Berg	Kari, 2012	Customary Activities	Riverine
		Tr'iyh Tenet	'Canoe Trail'	Portage from Goldstream to Tanana River	Kari, 2012	Trails	Lacustrine
		Tr'iyh Tenet Bena	'Canoe Trail Lake'	long lake along Portage from Goldstream to Tanana River	Kari, 2012	Hydrology	Lacustrine
I205	Lower Tanana	Tr'utthat Nonotighedetohnde	Ancient Trail Descending Trail	portage trail between Washington Creek and Tatalina River	Kari, 2012	Trails	Uplands
I206	Lower Tanana	Tsabaya Khulanh No'	Whitefish Exist River	Ester Creek on upper Tolovana River	Kari, 2012	Fish	Riverine
I207	Lower Tanana	Ts'eba Dala Nilani	The One with Young Spruce	long ridge 1311' between Tolovana River and Tatalina River	Kari, 2012	Vegetation	Uplands
I208	Lower Tanana	Ts'eba Dala' Nilani No'	The One with Young Spruce - Creek	creek into Tolovana on north side of 346	Kari, 2012	Vegetation	Riverine
I209	Lower Tanana	Ts'eba Yik'a Todani'o khw	Slough That Extends Into Spruce	portage below <i>Tr'eeyh Tenet</i>	Kari, 2012	Vegetation	Riverine
		Ts'eba Yik'a Todani'odi	Water That Extends Into Spruce	narrow lake "Hot Slough"	Kari, 2012	Vegetation	Lacustrine
		Ts'eba Yik'a Tadhdlenh No'	Current In Spruce-Stream	"Hot Slough", lower stretch of little Goldstream	Kari, 2012	Vegetation	Riverine

Place Name No.	Group	Place Name	Meaning	English Name or Location	Source	Kari and Fall (2003) Classification	Geographic Feature
		Ts'eba Yik'a Tadhlenh Dochaget	Current In Spruce-Mouth	mouth of Little Goldstream at confluence	Kari, 2012	Vegetation	Riverine
		Ts'eba Yik'a Tadhlenhkhwh	Where Current Flows Into Spruce	Little Goldstream Creek	Kari, 2012	Vegetation	Riverine
		Ts'eba Yik'a Bena	Lakes-Where Current Flows Into Spruce	Little Goldstream lakes	Kari, 2012	Vegetation	Lacustrine
I210	Lower Tanana	Ts'etsa Nilani Mena'	The Grassy One's Lake	lake east of Tolovana Hot Springs Dome	Kari, 2012	Vegetation	Lacustrine
		Ts'etsan' Tinolenh Bena'	Lake of Current Flows into Grass	lake west of Washington Creek	Kari, 2012	Vegetation	Lacustrine
		Ts'etsan' Tinolenhde	Current Flows into Grass	stream west of Washington Creek	Kari, 2012	Vegetation	Riverine
I211	Lower Tanana	Ts'etseye Elé Ch'enodegatde	'Where It is Chipped With Steel'	after <i>Dzonh Noghilenh</i>	Kari, 2012	Historic Events or Activities	Lowlands
I212	Lower Tanana	Tsish Del'iyh No'	'Ochre is Gathered Creek'	creek near Browne on E side	Kari, 2012	Customary Activities	Riverine
I213	Lower Tanana	Tso' Ch'ekan'	'Beaver Lodge'	ridge 2110' south of Tolovana River	Kari, 2012	Animals	Uplands
I214	Lower Tanana	Tsogho Bena'	'Beaver Fur Lake'	Jimmy Sizemore Lake two small lakes at base of Chaletsdzde	Kari, 2012	Animals	Lacustrine
I215	Lower Tanana	Tsoni Tr'itétanh No'	'Creek Where We Found Brown Bear'	Slate Creek	Kari, 2012	Animals	Riverine
I216	Lower Tanana	Ts'u T'okh Mena' Ts'enh Daghilenhde	'Where is Flows Out From Beneath Nipple Lake'	outlet of Minto Lake	Kari, 2012	Hydrology	Lacustrine
I217	Lower Tanana	Ts'us Dha	'? Amulet;' "A curious sounding name. <i>Ts'us</i> is opaque in meaning, dha seems to be related to ch'edha as in the name for Teklanika River"	hill on Middle River, 1/4 mile northwest of Nenana.	Kari, 2012	Class Not Clear	Uplands
I218	Lower Tanana	Ts'ut'okh Mena'	'Beneath Nipple Lake'	Minto Lake	Kari, 2012	Direction	Lacustrine

Place Name No.	Group	Place Name	Meaning	English Name or Location	Source	Kari and Fall (2003) Classification	Geographic Feature
I219	Lower Tanana	Tthat'o Toyana'	'Beneath the Rock Straight Channel'	channel on Chatanika above Hard Luck Creek	Kari, 2012	Direction	Riverine
I220	Lower Tanana	Tthat'okh No'	'Beneath the Rock Creek'	Hard Luck Creek	Kari, 2012	Direction	Riverine
I221	Lower Tanana	Tthatt'o Toteth	'beneath rock portage'	point and portage on Chatanika	Kari, 2012	Trails	Riverine
I222	Lower Tanana	Ch'elok'wy' Teyh	'Labrador Tea Hill'	above cache, 1 mile above Sam Seorge	Kari, 2012	Vegetation	Uplands
I223	Lower Tanana	Tu Deneltthwkh No', Tud Deltlwkh No'	'Yellow Water Creek'	creek into Goldstream near Dunbar from 15 miles overlook hill	Kari, 2012	Hydrology	Riverine
I224	Lower Tanana	Tu Tth'ok Bena'	'Basket Lake'	lake near Nunivak, west of <i>Tobo Bena</i>	Kari, 2012	Material Culture	Lacustrine
I225	Lower Tanana	Tu Tth'okde	'Water Basket'	creek at four miles west on Rex-Toklat trail into <i>Chooyh No'</i>	Kari, 2012	Hydrology	Riverine
I226	Lower Tanana	Tukhchwgha	'Large Water'	"Midnight Island" North of Cache	Kari, 2012	Hydrology	Riverine
I227	Lower Tanana	Tukwn' No', Tokwn' No'	'Clear Water Creek'	Clear Creek into Julius Creek.	Kari, 2012	Hydrology	Riverine
I228	Lower Tanana	Tuléono Mena'	'Bloated Blackfish Lake'	west of Little Goldstream	Kari, 2012	Fish	Lacustrine
I229	Lower Tanana	Wk'wkhwchwkh	'Big Eddy South of 517'	eddy on Chatanika River near	Kari, 2012	Hydrology	Riverine
I230	Lower Tanana	Yegwtl No'	possibly 'skewer creek'	Hess Creek	Kari, 2012	Hydrology	Riverine
I231	Lower Tanana	Ch'elok'wy' Teyh	Hudson Bay Tea Hill	Minto Lake's large island	Kari, 2012	Vegetation	Lacustrine
I232	Lower Tanana	Bedzeyh T'okh No'	'Beneath the Caribou Creek'	Murphy Creek, "Shovel Creek"	Kari, 2012	Direction	Riverine
I233	Lower Tanana	Bedzeyh T'okh No' Khwtl'ot	'Beneath The Caribou Creek – Headwaters'	Murphy Dome summit area	Kari, 2012	Hydrology	Riverine
I234	Lower Tanana	Ch'ekhongw Notodh'ode	'Upland Waterway'	Noyes Slough	Kari, 2012	Direction	Riverine

Place Name No.	Group	Place Name	Meaning	English Name or Location	Source	Kari and Fall (2003) Classification	Geographic Feature
I235	Lower Tanana	Ch'elaat'uudze Yekh	'Bark House'	Fairbanks. Early name for town of Fairbanks, from cabins built of unpeeled spruce logs. The name did not seem to be used by Minto speakers.	Kari, 2012	Non-Traditional	Community
I236	Lower Tanana	Ch'eno' Khwdochaget Dhe'oni, Ch'eno' Khwdochaget Ddhela'	'Mouth of River of Something Mountain'	Chena Ridge	Kari, 2012	Terrain & Geology	Uplands
I237	Lower Tanana	Ch'etthitth'ena'	'skull'	on Deadman Slough	Kari, 2012	Class Not Clear	Riverine
I238	Lower Tanana	Deba No'	'Sheep Creek'	Sheep Creek (into Goldstream)	Kari, 2012	Animals	Riverine
I239	Lower Tanana	Detth Toteth No'	'Driftwood Portage Stream'	Shovel Creek	Kari, 2012	Trails	Riverine
I240	Lower Tanana	Jega Tr'uneyayhdenh	'Where We Pick Berries'	flat west of Chena River at south end of Chena Pump Road	Kari, 2012	Customary Activities	Lowlands
I241	Lower Tanana	Kholoya Ddhela' Khonoti'ethdetonhde	'Where Trail Ascends High Mountain'	trail along west end of <i>Kholoya Dhela</i> , South of <i>Tr'iyh Khwt'ani</i>	Kari, 2012	Trails	Uplands
I242	Lower Tanana	Łüeyeth Toteth	'Dwarf Birch Portage'	stretch above 537.1	Kari, 2012	Vegetation	Riverine
I243	Lower Tanana	Ninots'iyhleyayhde	'Where Canoes are Left'	canoe landing on Deadman Slough	Kari, 2012	Customary Activities	Riverine
I244	Lower Tanana	Ch'eno' Khwdochaget	'Mouth Of Something's Stream'	Rust Creek, old mouth of Chena River	Kari, 2012	Hydrology	Riverine
I245	Lower Tanana	Ch'eno' Khwdochaget	'River of Something Mouth'	Rust Creek, old mouth of Chena River	Kari, 2012	Hydrology	Riverine
I246	Lower Tanana	Thoyh Tl'esr No'	'Mucky Sand Creek'	Mud Slough from South Cushman south toward airport	Kari, 2012	Hydrology	Riverine
I247	Lower Tanana	Toka' Bena'	'Grebe Lake'	southmost lake north of end of Chena Pump Road	Kari, 2012	Animals	Lacustrine

Place Name No.	Group	Place Name	Meaning	English Name or Location	Source	Kari and Fall (2003) Classification	Geographic Feature
I248	Lower Tanana	Tr'ekhonget Tthadhlode	'Upper Rocks Are in Position'	near summit of Murphy Dome	Kari, 2012	Customary Activities	Uplands
I249	Lower Tanana	Tr'ekhotthit Tthadhlode	'Lower Rocks are in Position'	near summit of Murphy Dome	Kari, 2012	Customary Activities	Uplands
I250	Lower Tanana	Tr'ekhwghodegi Troth Yeddha Bena'	'Upper Indian Potato Lake'	Smith Lake	Kari, 2012	Vegetation	Lacustrine
		Tr'ekhwghotthidi Troth Yeddha' Bena'	'Lower Indian Potato Lake'	Ballaine Lake	Kari, 2012	Vegetation	Lacustrine
		Tr'ekhwghotthidi Troth Yeddha' Bena' No'	'Lowland Indian Potato Lake Stream'	Ballaine Creek	Kari, 2012	Vegetation	Riverine
		Troth Bena', Troth Yeddha' Bena'	'Indian Potato (Ridge) Lake'	(possibly) lake formerly at southeast corner of ridge, drained into Deadman Slough. The likley water source for the village located in this area until the 1840s.	Kari, 2012	Vegetation	Lacustrine
		Troth Ghotthit, Troth Yeddha' Ghotthit, Troth Tthit	'Toward the Water from Indian Potato'	Geist-Fairbanks Road area	Kari, 2012	Direction	Lowlands
		Troth Yeddha' Khwn'a, Troth Yetth No', Troth Tthit Khwn'a	'Indian Potato Ridge Stream Bed'	probably small stream formerly at eastend of <i>Troth Yeddha'</i> . Probably the outlet of the pond 729 formerly at southeast end of ridge	Kari, 2012	Vegetation	Riverine
		Troth Yeddha', Troth Yetth, Tro Yeddha', Tsoth Yeddha', Tsoŋ Teya'	'Indian Potato (<i>Hydesarum alpinum</i>) Ridge'	"College Hill", ridge at University of Alaska	Kari, 2012	Vegetation	Uplands
I251	Lower Tanana	Ts'etseye Bek'et Khenitenighi'oyi	'The One On Which Iron is Embedded'	Murphy Dome summit, at White Alice site	Kari, 2012	Historic Events or Activities	Uplands
I252	Lower Tanana	Tsoth K'eti	'Among the Potatoes'	flats in lower Chena River area	Kari, 2012	Vegetation	Lowlands
I253	Lower Tanana	Tu Del'anhde	'Where Water is Gathered'	Chena Pumphouse	Kari, 2012	Customary Activities	Riverine

Place Name No.	Group	Place Name	Meaning	English Name or Location	Source	Kari and Fall (2003) Classification	Geographic Feature
I254	Lower Tanana	Tu Deneltthwkh khw	'Yellow Water'	Cripple Creek	Kari, 2012	Hydrology	Riverine
I255	Lower Tanana	Yuuté K'at, Niiyuuték'at	'Journey Place Camp'	camp at College Hill	Kari, 2012	Customary Activities	Community

Table T-5: AHRs Sites in the Indirect Impact Area – Southcentral Region

AHRs	Site Name	Period	Resource Description
ANC-03509	ANC-03509	Prehistoric, Protohistoric	Cache pit
TYO-00281	TYO-00281	Prehistoric, Protohistoric	Pit
TYO-00282	TYO-00282	Prehistoric, Protohistoric	Cache pits
TYO-00283	Den Hill	Prehistoric, Protohistoric	House pits
TAL-00031	MONTANA CREEK CEMETERY & SITE	Prehistoric, Historic	Cemetery, Cabin ruins, Depressions
TAL-00032	MONTANA CREEK VILLAGE	Prehistoric, Historic	Depressions, House pits, Cache pits
ANC-02998	ANC-02998	Prehistoric, Historic	Trail, Postal route, linear district
ANC-03549	DELDIDA-TESHA (SQUIRREL HILL)	Prehistoric	Subsurface lithics, Core, Flakes
ANC-03550	TWEEN ISLAND	Prehistoric	Overnight shelter
ANC-03606	ANC-03606	Prehistoric	Subsurface lithics, Cobble spall, Flakes
ANC-03608	ANC-03608	Prehistoric	Overnight shelters, Charcoal, FCR
HEA-00520	HEA-00520	Prehistoric	
HEA-00521	HEA-00521	Prehistoric	
TAL-00089	POST MOLD SITE	Prehistoric	Post mold
TAL-00096	BIG SUSITNA HOUSE PITS & CACHE PIT SITE	Prehistoric	House pits, Cache pit
TAL-00097	BIG SUSITNA HOUSE PITS & FOUR CACHES	Prehistoric	House pit, Cache pits
TAL-00098	BIG SUSITNA FOUR CACHES & ONE POSSIBLE HOUSE	Prehistoric	Cache pits, House pit
TAL-00099	SUNSHINE TRANSFER HOUSE PIT SITE	Prehistoric	Depression
TAL-00102	POWERLINE CACHE PITS	Prehistoric	Cache pits
TAL-00114	TAL-00114	Prehistoric	Lithics
TAL-00159	TAL-00159	Prehistoric	Cache pits
TAL-00160	TAL-00160	Prehistoric	Cache pits
TAL-00161	TAL-00161	Prehistoric	Cache pit
TAL-00162	TAL-00162	Prehistoric	Cache pits
TAL-00167	TAL-00167	Prehistoric	Cache pits
TAL-00168	TAL-00168	Prehistoric	Cache pits
TAL-00176	Chulitna Overlook	Prehistoric	Subsurface isolated flake
TAL-00182	TAL-00182	Prehistoric	FCR, cobbles, core
TAL-00189	TAL-00189	Prehistoric	Cache pits
TLM-00327	TLM-00327	Prehistoric	Lithics, flakes
TYO-00014	TYO-00014	Prehistoric	
TYO-00024	KASHWITNA VILLAGE	Prehistoric	
TYO-00041	TYO-00041	Prehistoric	
TYO-00092	GRAY'S CREEK PITS	Prehistoric	Depressions, Cache pits
TYO-00136	TYO-00136	Prehistoric	Lithics, Cache pits
TYO-00142	PT. MACKENZIE NORTH GRAVEL CHUTEN	Prehistoric	Cache pit
TYO-00143	PT. MACKENZIE NORTH GRAVELPIT TITENQ'A	Prehistoric	Depression, Shelter
TYO-00166	TYO-00166	Prehistoric	Rectangular depression
TYO-00167	TYO-00167	Prehistoric	Surface depression
TYO-00168	TYO-00168	Prehistoric	Surface depressions
TYO-00171	TYO-00171	Prehistoric	Surface depressions
TYO-00172	TYO-00172	Prehistoric	Depression

AHRS	Site Name	Period	Resource Description
TYO-00177	TYO-00177	Prehistoric	Depression
TYO-00175	TYO-00175	Prehistoric	Surface depressions
TYO-00179	TYO-00179	Prehistoric	Depressions
TYO-00180	TYO-00180	Prehistoric	Depression, CMT
TYO-00181	TYO-00181	Prehistoric	House depression, Arctic entry, Hearth, Cooking pit
TYO-00182	TYO-00182	Prehistoric	Surface depression
TYO-00183	TYO-00183	Prehistoric	Depression
TYO-00185	TYO-00185	Prehistoric	House depression, Lithics, Charcoal
TYO-00187	TYO-00187	Prehistoric	Depression
TYO-00188	TYO-00188	Prehistoric	Cache pits, CMTs
TYO-00189	TYO-00189	Prehistoric	Depression
TYO-00200	Mile 197.5 Creek Caches	Prehistoric	Cache pits
TYO-00208	TYO-00208	Prehistoric	House pit, Arctic entry
TYO-00212	NORTHEAST BENCH	Prehistoric	Lithics, Burned bone
TYO-00254	FISH CREEK OVERLOOK	Prehistoric	House pits, Cache pits, Charcoal lense
TYO-00300	TYO-00300	Prehistoric	Round pit
TYO-00302	TYO-00302	Prehistoric	Lithic flakes
TYO-00303	TYO-00303	Prehistoric	Cache pits
TYO-00304	TYO-00304	Prehistoric	Pit
TYO-00309	TYO-00309	Prehistoric	
TYO-00294	TYO-00294	Prehistoric	Pits
TYO-00060	TYO-00060	Prehistoric	
TYO-00173	TYO-00173	Prehistoric	Depressions
TYO-00176	TYO-00176	Prehistoric	Depressions
SEW-01531	STORAGE BUILDING, SEWARD MILITARY RESORT	Modern	Storage
SEW-01534	LAUNDRY AND BATH FACILITY, SEWARD MILITARY RESORT	Modern	Laundry, Bath, Military, Recreation
SEW-01535	MAINTENANCE SHOP, SEWARD MILITARY RESORT	Modern	Maintenance shop, Military, Recreation
SEW-01536	CAINES HEAD BARBECUE PAVILION, SEWARD MILITARY RESORT	Modern	Recreation, Military
SEW-01537	SUNNY COVE MOTEL UNIT, SEWARD MILITARY RESORT	Modern	Military, Recreation, Domestic
SEW-01538	BEAR COVE MOTEL UNIT, SEWARD MILITARY RESORT	Modern	Motel, Military, Recreation
SEW-01539	SEAL ROCKS RECREATIONAL BILLETTS, SEWARD MILITARY RESORT	Modern	Housing
SEW-01540	HARBOR ISLAND TOWNHOUSE, SEWARD MILITARY RESORT	Modern	Townhouse, Rental, Military, Recreation
SEW-01541	CHISWELL ISLAND TOWNHOUSE, SEWARD MILITARY RESORT	Modern	Townhouse, Rental, Military, Recreation
SEW-01542	RUGGED ISLAND TOWNHOUSE, SEWARD MILITARY RESORT	Modern	Townhouse, Military, Recreation
SEW-01543	CHEVAL ISLAND TOWNHOUSE, SEWARD MILITARY RESORT	Modern	Townhouse, Rental, Military, Recreation
SEW-01544	CAMPGROUND, SEWARD MILITARY RESORT	Modern	Campground, Yurts, Military, Recreation
SEW-01545	RECREATIONAL VEHICLE PARKING, SEWARD MILITARY RESORT	Modern	Parking, Military, Recreation
SEW-01547	BARWELL ISLAND GUEST HOUSE, SEWARD MILITARY RESORT	Modern	Guest house, Rental
SEW-01548	FOX ISLAND TOWNHOUSE, SEWARD MILITARY	Modern	Townhouse, Rental,

AHRS	Site Name	Period	Resource Description
	RESORT		Military, Recreation
SEW-01549	NO NAME ISLAND TOWNHOUSE, SEWARD MILITARY RESORT	Modern	Townhouse, Rental, Military, Recreation
TAL-00193	TAL-00193	Modern	
TYO-00221	KASHWITNA COMMUNITY CHURCH AND CEMETERY	Modern	Church, Cemetery
SEW-01546	MAIN COMPLEX, SEWARD MILITARY RESORT	Modern	Building complex, Military, Recreation
TAL-00125	Montana Creek Bridge	Historic, Modern	Bridge, Transportation, Road
TAL-00150	TAL-00150	Historic, Modern	Resource utilization, CMT, Bark harvesting
TYO-00201	Willow Airport	Historic, Modern	Airstrip, Revetments, WWII, Cold War
TYO-00223	Flat Horn Lake Trail	Historic, Modern	Trail, Dog sleds, Snowmobile
TYO-00207	TYO-00207	Historic, Modern	Pet cemetery
TLM-00277	ARRC TIMBER BRIDGE MP 281.1	Historic, Modern	Bridge, Transportation, Railroad
TYO-00222	CORRAL HILL TRAIL	Historic, Modern	Trail
TAL-00149	TAL-00149	Historic, Modern	Resource utilization, CMTs, Bark harvesting
ANC-03552	ANC-03552	Historic	BLM Homestead, Outhouse pit, Lumber remnants, Can dump
HEA-00061	Broad Pass Roadhouse	Historic	Roadhouse
HEA-00063	HURRICANE GULCH R.R. BRIDGE	Historic	Railroad, Bridge
HEA-00518	HEA-00518	Historic	
HEA-00519	HEA-00519	Historic	
HEA-00522	WELL PUMP AND STRUCTURE	Historic	
HEA-00609	HEA-00609	Historic	
SEW-00003	JESSE LEE HOME FOR CHILDREN	Historic	Residential, Group home
SEW-00029	ALASKA RAILROAD	Historic	Land Transportation, Railroad
SEW-00148	SEWARD-MOOSE PASS TRAIL	Historic	Trail, INHT, Travel route
SEW-00161	ALASKA FLAG RAISING SITE	Historic	Commemorative, Territorial flag raising
SEW-00594	[DOE] FORT RAYMOND [AHRS] FT RAYMOND PARCEL	Historic	Military, Recreation
SEW-00835	SEWARD NAVAL RADIO STATION	Historic	Military, Communications, Radio station
SEW-01293	[DOE] 102 MONROE STREET [AHRS] 102 MONROE ST.	Historic	Single family residence
SEW-01489	AMERICAN LEGION CEMETERY	Historic	Cemetery
SEW-01490	CITY OF SEWARD CEMETERY	Historic	Cemetery
SEW-01491	IGLOO 9 PIONEERS OF ALASKA CEMETERY	Historic	Cemetery
SEW-01493	MASONIC CEMETERY	Historic	Cemetery
SEW-01498	SEWARD RESIDENCE #1, 700 4TH AVENUE	Historic	Residential, Garage
SEW-01499	SEWARD RESIDENCE #2, 701 5TH AVENUE	Historic	Residential building
SEW-01529	PILOT ROCK BARRACKS AND SUPPLY BUILDING, SEWARD MILITARY RESORT	Historic	Barracks, Supply, Military, Recreation
SEW-01530	GROUPS MAINTENANCE SHOP, SEWARD MILITARY RESORT	Historic	Shop, Maintenance, Military, Recreation
SEW-01532	SEABOLT HALL RECREATION BUILDING, SEWARD MILITARY RESORT	Historic	Military, Recreation
SEW-01533	FISH HOUSE CLUSTER, SEWARD MILITARY	Historic	Processing, Storage, Fish

AHRS	Site Name	Period	Resource Description
	RESORT		
SEW-01550	SEWARD ENGINE HOUSE or BUILDING 31 ROUNDHOUSE	Historic	railroad
SEW-01551	Seward Terminal Building	Historic	railroad
SEW-01552	COLLAPSED HANGAR	Historic	hangar, machinery
SEW-01553	ISOLATED FELLED TREE	Historic	felled tree
SEW-01554	Logged Area	Historic	logging
SEW-01555	Airport Bay Road	Historic	Road
SEW-01557	SEWARD HIGHWAY	Historic	Linear - Highway
SEW-01609	SEW-01609	Historic	single family home
SEW-01610	SEW-01610	Historic	single family home
SEW-01611	SEW-01611	Historic	single family home
TAL-00005	MONTANA R.R. STATION	Historic	Railroad, Station
TAL-00011	MONTANA CREEK R.R. BRIDGE	Historic	Railroad, Bridge
TAL-00012	SUNSHINE R.R. SECTION HOUSE	Historic	Transportation, Railroad, Section house
TAL-00041	SUNSHINE AREA HISTORIC CABIN	Historic	Log
TAL-00061	FRANK ARNOLD HOMESTEAD CABIN	Historic	Cabin, Wood, Frame
TAL-00064	ALASKA RAILROAD THEODORE CLEARING SITE	Historic	Depression, Historic debris
TAL-00065	KIRSCH'S PLACE	Historic	Building, Commercial, Lodge, Burials
TAL-00066	KIRSCH'S PLACE	Historic	Cabin, Outbuildings, Grave
TAL-00076	RABIDEUX CABIN	Historic	Cabin, Trapping
TAL-00119	BYERS LAKE CABINS	Historic	Cabin ruins
TAL-00146	TAL-00146	Historic	Single family residence
TAL-00147	TAL-00147	Historic	Cabin
TAL-00148	TAL-00148	Historic	Burial, Russian Orthodox
TAL-00169	TAL-00169	Historic	Foundation berm, Root cellar, Pit
TAL-00180	TAL-00180	Historic	
TAL-00181	Sawmill Creek Cabin	Historic	
TAL-00183	Derelict 1959 Chevrolet Apache	Historic	Isolated Find
TAL-00190	TAL-00190	Historic	cabin
TLM-00003	Mile 281 Roadhouse	Historic	Roadhouse?
TLM-00008	Hurricane r.r. Station	Historic	Railroad, Station
TYO-00003	RED SHIRT VILLAGE	Historic	
TYO-00017	LITTLE SUSITNA ROADHOUSE	Historic	Roadhouse
TYO-00025	WILLOW R.R. STATION	Historic	Railroad, Station
TYO-00026	WILLOW CREEK R.R. BRIDGE	Historic	Railroad, Bridge
TYO-00028	Kashwitna r.r. Section	Historic	Railroad, Section house
TYO-00029	CASWELL R.R. STATION	Historic	Railroad, Station
TYO-00031	SHEEP CREEK R.R. BRIDGE	Historic	Railroad, Bridge
TYO-00034	FISH CREEK 2	Historic	
TYO-00037	BILLY PETE'S TRAPPING CABIN	Historic	
TYO-00096	AK R.R. MP 187.6 IRON CREEK BRIDGE, WILLOW CREEK BRIDGE	Historic	Bridge, Railroad, Timber trestle
TYO-00097	AK R.R. TRESTLE BRIDGE MP 200.9 CASWELL CREEK	Historic	Bridge, Railroad, Timber trestle
TYO-00110	Little Willow Creek Bridge	Historic	Bridge, Transportation, Road
TYO-00174	TYO-00174	Historic	Log cabin
TYO-00202	WILLOW ELEMENTARY SCHOOL	Historic	School
TYO-00203	IDITAROD DOG SLEDDING HISTORIC DISTRICT VERNACULAR LANDSCAPE	Historic	Transportation, Dog sled
TYO-00206	TYO-00206	Historic	Homestead remains, Storage pits

AHRS	Site Name	Period	Resource Description
TYO-00209	TYO-00209	Historic	Structural remains, Log
TYO-00356	Sheep Creek CMT Grove	Historic	
TYO-00111	KASHWITNA RIVER BRIDGE	Historic	Bridge, Transportation, Road
TYO-00112	SHEEP CREEK BRIDGE	Historic	Bridge, Transportation, Road
TYO-00328	WILLOW-FISHHOOK ROAD	Historic	Linear - Highway
HEA-00515	HEA-00515		
TAL-00187	TAL-00187		Cache pits
TAL-00188	TAL-00188		Cache pits, Trenches
TAL-00191	TAL-00191		
TAL-00192	TAL-00192		
TAL-00196	TAL-00196		
TAL-00203	1965 Log Cabin		Residence
TAL-00204	1960 Frame Cabin		Residence
TAL-00205	1964 Frame Cabin		Residence
TAL-00206	1965 Frame Cabin		Residence
TYO-00213	TYO-00213		Depression
TYO-00292	TYO-00292		Pits
TYO-00313	TYO-00313		CMT
TYO-00314	TYO-00314		CMT
TYO-00315	TYO-00315		Cache Pit, House Pit
TYO-00316	TYO-00316		Cache Pits, House Pits
TYO-00317	TYO-00317		CMTs
TYO-00329	1960 Frame Cabin		Residence
TYO-00330	1960 Log Cabin		Residence
TYO-00331	1966 one-story frame house		Residence
TYO-00332	1966 FRAME CABIN AND GARAGE		Residence
TYO-00333	1968 one-story frame house and garage		Residence
SEW-00007	Russian Trail		
Source: ADNR, OHA, 2016			
All data are verbatim from source			

Table T-6: Indigenous Place Names in the Indirect Impact Area – Southcentral Region

Place Name No.	Group	Place Name	Meaning	English Name or Location	Source	Kari and Fall (2003) Classification	Geographic Feature
SC001	Dena'ina	Denyih'tu	'Enclosed Canyon'	Broad Pass area	Kari and Fall, 2003	Terrain & Geology	Lowlands
SC002	Ahtna	Yidateni Dyii	'Jaw Trail Canyon'	canyon at Windy	Kari, 2008, 2014	Trails	Lowlands
		Yidateni Dyii Dghilaaye'	Mountain of Jaw Trail Canyon	Panorama Mountain	Kari, 2008, 2014	Trails	Uplands
		Yidateni Caek'e	Jaw Trail Mouth	mouth of Jack River	Kari, 2008, 2014	Trails	Riverine
		Yidateni Caek'e Tes	Jaw Trail Mouth Hill	hill at mouth of Jack River	Kari, 2008, 2014	Trails	Uplands
		Yidateni	Jaw Trail,' or 'One Frozen Inside	Reindeer Hill, especially west Reindeer Hill; Cantwell	Kari, 2008, 2014	Trails	Uplands
		Yidateni Deghilaaye'	Jaw Trail Mountain	mountains on either side of upper Jack River	Kari, 2008, 2014	Trails	Uplands
		Yidateni Na'	Frozen Inside Stream' or 'Jaw Trail Stream'	Cantwell (Ahtna village); Jack River	Kari, 2008, 2014; Kari and Fall, 2003	Trails	Riverine
	Lower Tanana	Beyada' Tene No'	Jaw Trail Creek	Cantwell (Ahtna village); Jack River	Kari and Fall, 2003	Trails	Riverine
I002/ SC003	Ahtna	Ninena', Ninaena' Ninaes Na' Ninaenena'	Stop While Moving Nomadically- River	Nenana River, lower Nenana River below Wells Creek, Nenana River below Bushkana River	Kari, 2008, 2014; Kari and Fall, 2003	Customary Activities	Riverine
	Lower Tanana	Neenayh No'			Kari and Fall, 2003	Customary Activities	Riverine
I003/ SC004	Ahtna	Taghatiili	Long Object Floating in Water	Nenana village	Kari, 2008, 2014	Terrain & Geology	Uplands
I004/ SC005	Dena'ina	Suyitnu, Susitnu	Sand River	Susitna River	Kari and Fall, 2003	Hydrology	Riverine

Place Name No.	Group	Place Name	Meaning	English Name or Location	Source	Kari and Fall (2003) Classification	Geographic Feature
I004/SC005	Ahtna	Sasutna'	Sand River	Susitna River	Kari and Fall, 2003	Hydrology	Riverine
SC006	Ahtna	I'delcuut Na'	He is Keeping Something (Food) Stored for Himself- River	Talkeetna River; Talkeetna townsite	Kari and Fall, 2003	Significant Human Events	Lowlands
	Dena'ina	K'dalkitnu			Kari and Fall, 2003	Significant Human Events	Lowlands
SC007	Ahtna	Ba'aaxe, Ba'aadi Nene'K'et	outside (the Alaska Range)'; 'on outside lands	Tanana Valley	Kari, 2008, 2014	Terrain & Geology	Lowlands
SC008	Ahtna	Deniigi Bene'	Moose Lake	Deneki Lakes south of McKinley Village, east of highway	Kari, 2008, 2014	Animals	Lacustrine
SC009	Ahtna	Gaan' Tene	Horse Trail, Trade Goods Trail	Valdez Creek-Cantwell freighting trail; trail along south slope of Alaska Range	Kari, 2008, 2014	Historic Events or Activities	Riverine
SC010	Ahtna	Hwdaandi Yaadi T'ox Na', Yaadi T'ox Na'	Downstream Golden Eagle Nest Creek	upper "Fish Creek", creek from Reindeer Hill	Kari, 2008, 2014	Direction	Riverine
SC011	Ahtna	Hwdezk'aan Na'	Burned Area Creek	Schist Creek	Kari, 2008, 2014	Significant Human Events	Riverine
SC012	Ahtna	Hwni'dilaex Caek'e	End of Fish Run Mouth	mouth of Cantwell Creek, Cantwell townsite near airfield	Kari, 2008, 2014	Fish	Riverine
		Hwnic'ilaex Na'	End of Fish Run Stream	lower Cantwell Creek, locally "Sinyon Creek"	Kari, 2008, 2014	Fish	Riverine
		Hwni'dilaex Bene'	End of Fish Run Lake	Summit Lake	Kari, 2008, 2014	Fish	Lacustrine
		Hwni'dilaexde, Hwnic'ilaexde	End of Fish Run	Summit, top of Broad Pass	Kari, 2008, 2014	Fish	Uplands
SC013	Ahtna	Hwniindi Yaadi T'ox	Upstream Golden Eagle Nest	east portion of Reindeer Hill 4554	Kari, 2008, 2014	Direction	Uplands
SC014	Ahtna	Hwniindi Yaadi T'ox Hwt'aghileni	the one that flows beneath upstream golden eagle nest	stream from east Reindeer Hill	Kari, 2008, 2014	Direction	Riverine

Place Name No.	Group	Place Name	Meaning	English Name or Location	Source	Kari and Fall (2003) Classification	Geographic Feature
SC015	Ahtna	Kantistaan Caek'e	Trails Ascend Mouth	mouth of Windy Creek	Kari, 2008, 2014	Hydrology	Riverine
SC016	Ahtna	Kantistaan Na'	Trails Ascend Creek	Windy Creek	Kari, 2008, 2014	Hydrology	Riverine
SC017	Ahtna	Nanikaeni	Those (rocks) Which Fell Across	mountains on both sides of Nenana River, 'cleft' and 5701'	Kari, 2008, 2014	Terrain & Geology	Uplands
		Nanikaeni Na'	Those (rocks) Which Fell Across Creek	Slime Creek	Kari, 2008, 2014	Hydrology	Riverine
		Nanikaeni Dyii	Those (rocks) Which Fell Across - Canyon	canyon on Nenana River at Slime Creek	Kari, 2008, 2014	Terrain & Geology	Lowlands
SC018	Ahtna	Ninaenaŋ'ÇÖ Hwtsii-té Naniŋ'ÇÖaade	Where Bridge Goes Across Stop While Moving River	"Number 1 Bridge"	Kari, 2014	Non-Traditional	Riverine
SC019	Ahtna	Nts'ezi Na'	Conical Stream	Moose Creek	Kari, 2008, 2014	Hydrology	Riverine
SC020	Ahtna	Stl'uuli Caek'e	Tied Up, Braided Mouth	mouth of Carlo Creek	Kari, 2008, 2014	Hydrology	Riverine
		Stl'uuli Caek'e Bes	Tied Up Mouth Riverbank	bluff at mouth of Carlo Creek	Kari, 2008, 2014	Terrain & Geology	Riverine
		Stl'uuli Na'	Tied Up, Braided Creek	Carlo Creek	Kari, 2008, 2014	Hydrology	Riverine
		Stl'uuli	One That is Braided	ridge between Carlo and Revine Creeks	Kari, 2008, 2014	Terrain & Geology	Uplands
SC021	Ahtna	Tak'a's' Na'	Spring Water Creek	stream on west side of Reindeer Hill above mile 214	Kari, 2008, 2014	Hydrology	Riverine
SC022	Ahtna	Tatseghi'aaden	Where Rock Stand in Water	site near Kobe trail	Kari, 2014	Terrain & Geology	Lowlands
SC023	Ahtna	Tl'ahwdicaaxi Caek'e	Mouth of Valuable Headwaters	mouth of Yanert Fork	Kari, 2008, 2014	Hydrology	Riverine
SC024	Ahtna	Tl'ahwdicaaxi Na'	Valuable Headwaters Creek	Yanert Fork	Kari, 2008, 2014	Hydrology	Riverine
SC025	Ahtna	Tsaani Na'	Brown Bear Creek	Tsaani Creek, formerly Squaw Creek	Kari, 2008, 2014	Non-Traditional	Riverine
SC026	Ahtna	Tsabaey Na'	Fish Creek	"Fish Creek" at Cantwell	Kari, 2008, 2014	Fish	Riverine

Place Name No.	Group	Place Name	Meaning	English Name or Location	Source	Kari and Fall (2003) Classification	Geographic Feature
SC028	Ahtna	Tsenesdghaas Caek'e	Rough Rock Mouth	mouth of Riley Creek	Kari, 2008, 2014	Hydrology	Riverine
		Tsenesdghaas Na'	Rough Rock Creek	Riley Creek	Kari, 2008, 2014	Hydrology	Riverine
		Tsenesdghaas Na' Tene	Rough Rock Creek Trail	low pass north of Carlo toward Riley Creek via Triple Lakes	Kari, 2008, 2014	Trails	Lowlands
		Tsenesdghaas Na' Tese'	Rough Rock Creek Hill	hill east of Riley Creek south of mouth	Kari, 2008, 2014	Terrain & Geology	Uplands
SC029	Ahtna	Tsulatna'	Tongue River' or 'Forearm River'	middle Fork of Chulitna	Kari, 2008, 2014	Hydrology	Riverine
SC030	Ahtna	Tsulatna' Tl'aa	Tongue River Headwater	upper middle Fork of Chulitna	Kari, 2014	Hydrology	Riverine
SC031	Ahtna	Yaadi T'ox, Hwdaandi Yaadi T'ox	(downstream) golden eagle nest	middle Reindeer Hill	Kari, 2008, 2014	Direction	Uplands
SC032	Dena'ina	Aitnu	Deadfall Trap Creek	Pass Creek	Kari and Fall, 2003	Customary Activities	Riverine
SC033	Dena'ina	Ben Gga	Small Lake	small lake next to Benka Lake	Kari and Fall, 2003	Hydrology	Lacustrine
SC034	Dena'ina	ben Ka'a	Big Lake	Benka Lake	Kari and Fall, 2003	Hydrology	Lacustrine
SC035	Dena'ina	Ben Ka'a	Big Lake	Bunco Lake	Kari and Fall, 2003	Hydrology	Lacustrine
SC036	Dena'ina	Ben Ka'a Betnu	Big Lake's Stream	Bunco Creek	Kari and Fall, 2003	Hydrology	Riverine
SC037	Dena'ina	Ben Taydlentnu	Lake Where Current Is-Stream	stream flowing into Trapper lake from Rocky Lakes	Kari and Fall, 2003	Hydrology	Riverine
SC038	Dena'ina	Benench'iltledi	Land That Slide Down	mountain north of Honolulu Creek	Kari and Fall, 2003	Terrain & Geology	Uplands
SC039	Dena'ina	Benench'iltledi Betnu	Creek of Land That We Slide Down	Honolulu Creek	Kari and Fall, 2003	Hydrology	Riverine

Place Name No.	Group	Place Name	Meaning	English Name or Location	Source	Kari and Fall (2003) Classification	Geographic Feature
SC040	Dena'ina	Bentalit, Benteh	Where Lake Water Flows,' or 'Among the Lakes'	small lakes between Kroto Creek and the Susitna River	Kari and Fall, 2003	Hydrology	Lacustrine
SC041	Dena'ina	Bentalitnu	Creek of Flowing Lake Water' or 'Lake Waves Creek'	second creek above Kroto Creek on west bank	Kari and Fall, 2003	Hydrology	<i>Bentalitnu</i>
SC042	Dena'ina	Beq'estsiq' Tuyu'uli	Object Floating at the Outlet	island at Red Shirt Lake outlet	Kari and Fall, 2003	Terrain & Geology	<i>Beq'estsiq' Tuyu'uli</i>
SC043	Dena'ina	Betnu Detniyitnu	Creek That Roars	Coffee River	Kari and Fall, 2003	Hydrology	<i>Betnu Detniyitnu</i>
SC044	Dena'ina	Ch'atanaltsegh	Yellow Water Flows Out	creek into Susitna River on east side two miles above the mouth of the Yentna, locally called Shem Pete Slough	Kari and Fall, 2003	Hydrology	<i>Ch'atanaltsegh</i>
SC045	Dena'ina	Ch'etl'uch'ghilyasht	Where We Hold Things (Boats) in Water	rapids on Tokositna River, five miles above mouth	Kari and Fall, 2003	Customary Activities	<i>Ch'etl'uch'ghilyasht</i>
SC046	Dena'ina	Chuqitnu	Beaver Lodge Creek	Indian River	Kari and Fall, 2003	Animals	<i>Chuqitnu</i>
		Chuqitnu Tustes	Beaver Lodge Creek Pass	Chulitna Pass	Kari and Fall, 2003	Animals	<i>Chuqitnu Tustes</i>
		Chuqitnu Bena	Beaver Lodge Lake	Summit Lake	Kari and Fall, 2003	Animals	<i>Chuqitnu Bena</i>
SC047	Dena'ina	Dach'qelqiht	Where We Spend the Spring	site where Lynx Creek enters Red Shirt Lake	Kari and Fall, 2003	Customary Activities	Riverine
SC048	Dena'ina	Delindin Bena	Derenty's Lake	Delyndia Lake	Kari and Fall, 2003	People	Lacustrine
SC049	Dena'ina	Derniyi	The One That Roars	mountain, possibly between Coffee River and Spink Lake	Kari and Fall, 2003	Hydrology	Uplands

Place Name No.	Group	Place Name	Meaning	English Name or Location	Source	Kari and Fall (2003) Classification	Geographic Feature
SC050	Dena'ina	Dghelay Beq'e Nuhdageltunt	Mountain upon Which Canyon Crosses	pass across K'esugi toward Gold Creek	Kari and Fall, 2003	Terrain & Geology	Uplands
SC051	Dena'ina	Dghelay Ka'a Łi'a	Big Mountain Glacier	Ruth Glacier	Kari and Fall, 2003	Terrain & Geology	Uplands
SC052	Dena'ina	Dghelay The	Among the Mountains	the Alaska Range	Kari and Fall, 2003	Terrain & Geology	Uplands
SC053	Dena'ina	Dun'e	Intermediate Distance Upstream	the middle Susitna River area, from above Yentna River to Talkeetna River	Kari and Fall, 2003	Direction	Riverine
SC054	Dena'ina	Ggis Uq'e T'el'ih	Where Celery Is Gathered	island in Kroto Creek	Kari and Fall, 2003	Customary Activities	Riverine
SC055	Dena'ina	Hchit Nughik'at	Weir Fence is Stretched Down	Weir site at <i>Tantunt</i> (Red Shirt Lake)	Kari and Fall, 2003	Customary Activities	Lacustrine
SC056	Dena'ina	Hnibes	Embedded River Bank	Kashwitna Knobs	Kari and Fall, 2003	Terrain & Geology	Riverine
SC057	Dena'ina	Hnibes ka'a	Big Embedded Bank	ridge one mile south of Talkeetna "Ski Hill"	Kari and Fall, 2003	Terrain & Geology	Uplands
SC058	Dena'ina	Hulatnu	-?- Stream	stream into upper Chulitna from east, possibly upper fork of the Middle Fork of the Chulitna	Kari and Fall, 2003	Class Not Clear	Riverine
SC059	Dena'ina	K'echan Yela	Grass Mountain	hill without trees, above Tuch'etl'ghi'ut, possibly hill 1,007' feet north of bridge on Parks Highway	Kari and Fall, 2003	Vegetation	Uplands
SC060	Dena'ina	K'et Tuqishlatnu, Łtuqenshatnu	Creek in Which Things Drift' or 'Little Clear Creek'	a tributary or slough of Goose Creek	Kari and Fall, 2003	Hydrology	Riverine
SC061	Dena'ina	K'enaka Nen	-?- Land	general Knik-Big Lake area	Kari and Fall, 2003	Class Not Clear	Lacustrine

Place Name No.	Group	Place Name	Meaning	English Name or Location	Source	Kari and Fall (2003) Classification	Geographic Feature
SC062	Dena'ina	K'enik'ela	The One that has Broken Off	Avalanche Spire	Kari and Fall, 2003	Terrain & Geology	Uplands
SC063	Dena'ina	K'enik'ela Łi'a	Glacier of the One that has Broken Off	Kanikula Glacier	Kari and Fall, 2003	Hydrology	Uplands
SC064	Dena'ina	K'enuq' Bena	Mineral Lick Lake	two lakes three miles west of Red Shirt Lake outlet, now known as Out Lake	Kari and Fall, 2003	Terrain & Geology	Lacustrine
SC065	Dena'ina	K'enuq' Q'estsiq'	Mineral Lick Outlet	creek (or former creek) into Fish Creek from Mineral Lick Lake or Out Lake	Kari and Fall, 2003	Hydrology	Riverine
SC066	Dena'ina	K'enuq' Qiy'unt	Where There Is a Mineral Lick	campsite by Out Lake	Kari and Fall, 2003	Terrain & Geology	Community
SC067	Dena'ina	K'esugi Ken Betnu	Base of the Ancient One Stream	creek off Curry Ridge, above Blair Lake	Kari and Fall, 2003	Hydrology	Riverine
		K'esugi Ken	Base of Ancient One	§ Curry Ridge, the southerly lobe of K'esugi	Kari and Fall, 2003	Terrain & Geology	Uplands
		K'esugi	The Ancient One	K'esugi Ridge, ridge between the Susitna and Chulitna rivers, from Blair Lake to Chulitna Pass between Mile 132 and mile 166 on the Parks Highway	Kari and Fall, 2003	Terrain & Geology	Uplands
SC068	Dena'ina	K'ghuch'elyasht	Butchering Place	place above fishing site where game was butchered	Kari and Fall, 2003	Customary Activities	Lowlands
SC069	Dena'ina	Kilbitnu Kaq'	Boy-?-River	mouth of Kashwitna River	Kari and Fall, 2003	Class Not Clear	Riverine
SC070	Dena'ina	K'ta'atnu Tl'u	Soup Creek Headwaters	upper Soup Creek	Kari and Fall, 2003	Foods	Riverine

Place Name No.	Group	Place Name	Meaning	English Name or Location	Source	Kari and Fall (2003) Classification	Geographic Feature
SC071	Dena'ina	K't'usq'a Kaq'	Mouth of Fish Cutting Hole	mouth of Sunshine Creek	Kari and Fall, 2003	Customary Activities	Riverine
		K't'usq'atnu	Fish Cutting Hole Creek	Sunshine Creek	Kari and Fall, 2003	Customary Activities	Riverine
		K't'usq'a Bena	Fish Cutting Hole Lake	Sunshine Lake	Kari and Fall, 2003	Customary Activities	Lacustrine
SC072	Dena'ina	Łch'ibay Ka'a	Big Whirlwind	§possibly mountain 4,680' up Coal Creek	Kari and Fall, 2003	Weather	Uplands
SC073	Dena'ina	Łch'ibay Ka'a Betnu	Big Whirlwind Stream	§possibly Coal Creek	Kari and Fall, 2003	Weather	Riverine
SC074	Dena'ina	Łi Tayena	Glacier Straight Stretch	Eldridge Glacier and Fountain River	Kari and Fall, 2003	Hydrology	Uplands
SC075	Dena'ina	Łi Tayena Dghelaya	Glacier Straight Stretch Mountain	Mt. Deception	Kari and Fall, 2003	Hydrology	Uplands
SC076	Dena'ina	Łinghasdlent	Where Streams Join	"The Forks," area at confluence of Chulitna and Talkeetna rivers with the Susitna River	Kari and Fall, 2003	Hydrology	Riverine
SC077	Dena'ina	Łiq'a Hq'atnelt	Where Salmon Are Poured	fish holding pit on bank of <i>Tanltunt</i>	Kari and Fall, 2003	Material Culture	Riverine
SC078	Dena'ina	Lushelatnu	-?-	stream into Chulitna from east, possibly East Fork of the Chulitna	Kari and Fall, 2003	Class Not Clear	Riverine
SC079	Dena'ina	Nelnikda Ey'unt	Where There Is a Shabby Steambath	Troublesome Creek	Kari and Fall, 2003	Material Culture	Riverine
SC080	Dena'ina	Nich'ghilen Bena	Lake of Creek That Flows Swiftly	Lynx Lake	Kari and Fall, 2003	Hydrology	Lacustrine
SC081	Dena'ina	Nich'ghilentnu	Creek That Flows Swiftly	Lynx Creek	Kari and Fall, 2003	Hydrology	Riverine

Place Name No.	Group	Place Name	Meaning	English Name or Location	Source	Kari and Fall (2003) Classification	Geographic Feature
SC082	Dena'ina	Nik'uleht	Place that Fish Swim to	a sockeye spawning location along a gravel beach on upper Red Shirt Lake, possibly bay on northwest end of lake	Kari and Fall, 2003	Fish	Lacustrine
SC083	Dena'ina	Ni'atesh'it'ut	Where Hills Come Together	adjoining hills on Chulitna River near Denali State Park boundary	Kari and Fall, 2003	Terrain & Geology	Uplands
SC084	Dena'ina	Niqagheleht	Where Current Is Swirling	bluff and eddy on the Susitna River, one mile above <i>Dashq'e</i> , on the east bank	Kari and Fall, 2003	Hydrology	Riverine
SC085	Dena'ina	Nqadink'et'I Betnu	Foot Path Extends	stream into lower Fish Creek	Kari and Fall, 2003	Hydrology	Riverine
SC086	Dena'ina	Nubendaltuntnu	Stream That Lakes Extend Across	lower Willow Creek and Peters Creek	Kari and Fall, 2003	Hydrology	Riverine
SC087	Dena'ina	Nuk'dalyut	Where a Bridge Extends Across	bridge across upper Soup Creek	Kari and Fall, 2003	Non-Traditional	Riverine
SC088	Dena'ina	Nultani Betnu	Animal That is Lying Down	Montana Creek, Middle Fork of Montana Creek	Kari and Fall, 2003	Animals	Riverine
SC089	Dena'ina	Nuqiltin Bena	They Found a Place Lake	West Papoose Twin Lake	Kari and Fall, 2003	Significant Human Events	Lacustrine
SC090	Dena'ina	Nuqiltin Betnu	They Found a Place Creek	outlet stream of West Papoose Twin Lake and stream from Hourglass Lake	Kari and Fall, 2003	Significant Human Events	Riverine
SC091	Dena'ina	Qatna'iy	That Which Stands Against a Place	rock bluff on E side of Susitna, W of Kashwitna Section House	Kari and Fall, 2003	Terrain & Geology	Riverine
SC092	Dena'ina	Qichi Qinghitneqt	The Old Lady Made It That Far	perhaps stream from Blair Lake	Kari and Fall, 2003	People	Riverine
SC093	Dena'ina	Qiduk'ggat	Overflows and Freezes	§Montana Creek village, mouth of Little Montana Creek	Kari and Fall, 2003	Hydrology	Community

Place Name No.	Group	Place Name	Meaning	English Name or Location	Source	Kari and Fall (2003) Classification	Geographic Feature
		Qiduk'ggat Besa	Overflows and Freezes Bank	ridge along Susitna River above mouth of Montana Creek	Kari and Fall, 2003	Hydrology	Riverine
		Qiduk'ggatnu	Overflows and Freezes Stream	Little Montana Creek	Kari and Fall, 2003	Hydrology	Riverine
		Qiduk'ggatnu Bena	Overflows and Freezes Lake	Little Montana Creek Lake at junction, formerly "Old Mans Lake"	Kari and Fall, 2003	Hydrology	Lacustrine
SC094	Dena'ina	Q'is Kaq'	Birchbark Mouth	mouth of 196 Mile Creek or Grey's Creek	Kari and Fall, 2003	Vegetation	Riverine
SC095	Dena'ina	Q'istnu	Birchbark Stream	196 Mile Creek or Grey's Creek	Kari and Fall, 2003	Vegetation	Riverine
SC096	Dena'ina	Q'uch'u'itnu	-?-Stream	possibly Caswell Creek	Kari and Fall, 2003	Class Not Clear	Riverine
SC097	Dena'ina	Quntughet'ut	Where Water Comes Up from Below	Byers Creek	Kari and Fall, 2003	Hydrology	Riverine
SC098	Dena'ina	Quntughet'ut bena	Lake of Where Water Comes Up from Below	Byers Lake	Kari and Fall, 2003	Hydrology	Lacustrine
SC099	Dena'ina	Qununahch'dghashjuy	That Which We Go Up to Watch (for Game)	mountain, elev. 4,665', north of Chulitna Pass	Kari and Fall, 2003	Customary Activities	Uplands
SC100	Dena'ina	Qununahch'dghashjuy Betnu	Creek of the One That We Go Up to Watch (for Game)	Hurrican Gulch, Hurrican Creek	Kari and Fall, 2003	Customary Activities	Riverine
SC101	Dena'ina	Sdaghuyq'et	On the End of the Point	point on Susitna River between Montana and Sunshine Creeks	Kari and Fall, 2003	Hydrology	Riverine
SC102	Dena'ina	Sdak'dak'iy	Point That Extends	bend and point on west bank of Kroto Creek	Kari and Fall, 2003	Hydrology	Riverine
SC103	Dena'ina	Sheshnena	Saving Land' or 'Rescue Land' or 'Lucky Land'	low ridge extending from Cow Lake south to the Little Susitna River	Kari and Fall, 2003	Customary Activities	Uplands

Place Name No.	Group	Place Name	Meaning	English Name or Location	Source	Kari and Fall (2003) Classification	Geographic Feature
SC104	Dena'ina	Tanltun Betnu, Tanltuntnu	Creek of Enclosed Object [bag] Is Set in Water	Middle Fish Creek, from Flathorn Lake to Red Shirt Lake	Kari and Fall, 2003	Material Culture	Riverine
		Tanltunt	Where Enclosed Object [bag] Is Set in Water	Red Shirt Lake outlet village site	Kari and Fall, 2003	Material Culture	Community
		Tanltunt Bena	Where Enclosed Object [bag] Is Set in Water	Red Shirt Lake	Kari and Fall, 2003	Material Culture	Lacustrine
		Tanltunt Tesha	Hill of Enclosed Object [bag] Is Set in Water	ridge on west shore of Red Shirt Lake	Kari and Fall, 2003	Material Culture	Uplands
		Tanltunt Dinlent	Where It Flows into Enclosed Object [bag] Is Set in Water	site at north end of Red Shirt Lake where upper Fish Creek enters lake	Kari and Fall, 2003	Material Culture	Riverine
SC105	Dena'ina	T'ghes Tuhdatbut Tayena	Cottonwood Bleached in Water-Straight Stretch	stretch of the Susitna River below the Kashwitna River	Kari and Fall, 2003	Vegetation	Riverine
SC106	Dena'ina	That'intnu	Otter Creek	first creek above Kroto Creek on west bank	Kari and Fall, 2003	Animals	Riverine
SC107	Dena'ina	Tl'eghes Bena Q'estsiq'	Leech Lake Outlet	Cow Lake Outlet	Kari and Fall, 2003	Animals	Lacustrine
		Tl'eghes Bena	Leech Lake	Cow Lake	Kari and Fall, 2003	Animals	Lacustrine
		Tl'eghes Bena Bidiftuni	That Which is Connected to Leach Lake	small lake southeast of Cow Lake	Kari and Fall, 2003	Animals	Lacustrine
		Tl'eghes Bena Q'estsiq' Hq'adghitent	Where Leech Lake Outlet Current Flows Down	site where Cow Lake outlet stream meets Fish Creek	Kari and Fall, 2003	Animals	Riverine

Place Name No.	Group	Place Name	Meaning	English Name or Location	Source	Kari and Fall (2003) Classification	Geographic Feature
SC108	Dena'ina	Ts'ilutnu	possibly 'Straight Hand River'	Chulitna River; **, also Kari and Fall 2003:201 says this name and the Ahtna name Tsulatna' are both for the Chulitna River. The Su Hydro database does not list the Dena'ina word and also says the Ahtna name is for the middle fork of the Chulitna; Kari 2008 also says middle fork	Kari and Fall, 2003; Kari, 2008	Hydrology	Riverine
		Ts'ilu Tayena	Straight Hand Straight Stretch	open place on the Chulitna River, above the Tokositna River	Kari and Fall, 2003	Hydrology	Riverine
		Ts'ilu Dghelaya	possibly 'Straight Hand Mountain'	mountain elevation 4,270' <alders>, west of Chulitna River	Kari and Fall, 2003	Terrain & Geology	Uplands
SC109	Dena'ina	Tsuk Qayeh	Old Village	site opposite mouth of Sunshine Creek	Kari and Fall, 2003	Material Culture	Community
SC110	Dena'ina	Tuch'etl'ghi'ut	Where Brush Extends into the Water	area on west bank of Chulitna River, 15 miles up from its mouth, & possibly "Railroad Creek"	Kari and Fall, 2003	Vegetation	Riverine
SC111	Dena'ina	Tudli Benach' Titaytuntu	Creek on Trail to Cold Water Lake	upper Fish Creek, above Red Shirt Lake	Kari and Fall, 2003	Hydrology	Riverine
SC112	Dena'ina	Tunadlut'	Murky Water	Goose Creek, lower Goose Creek	Kari and Fall, 2003	Hydrology	Riverine
SC113	Dena'ina	Tuqashi Kaq'	Mouth of Things That Fall into Water	mouth of Tokositna River	Kari and Fall, 2003	Hydrology	Riverine
		Tuqashitnu	Stream of Things That Fall into Water	Tokositna River	Kari and Fall, 2003	Hydrology	Riverine

Place Name No.	Group	Place Name	Meaning	English Name or Location	Source	Kari and Fall (2003) Classification	Geographic Feature
		Tuqashi Tayena	Straight Stretch of Things That Fall into Water	section of Tokositna River	Kari and Fall, 2003	Hydrology	Riverine
		Tuqashi	Things [Rocks] That Fall into Water	Tokasha Mountains	Kari and Fall, 2003	Terrain & Geology	Uplands
		Tuqashitnu Łi'a	Glacier of Things That Fall into Water River	Tokositna Glacier	Kari and Fall, 2003	Terrain & Geology	Uplands
SC114	Dena'ina	Tuqentnu	Clear Water Creek	Robideaux Creek	Kari and Fall, 2003	Hydrology	Riverine
SC115	Dena'ina	Tutikaq'	perhaps 'Descending Water Mouth'	mouth of Rolly Creek	Kari and Fall, 2003	Hydrology	Riverine
		Tutikaq'tnu	Creek of Descending Water Mouth	Rolly Creek	Kari and Fall, 2003	Hydrology	Riverine
		Tutikaq'Bena	Lake of Descending Water Mouth	North Rolly Lake	Kari and Fall, 2003	Hydrology	Lacustrine
SC116	Dena'ina	Unqeghnit Skitnu Bena	Upstream Brushy Stream Lake	Butterfly Lake	Kari and Fall, 2003	Direction	Lacustrine

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ALASKA STAND ALONE PIPELINE / ASAP PROJECT

Draft Cultural Resources Management Plan

ASAP-22-PLN-ENV-DOC-00002
March 30, 2018

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REVISION HISTORY

Revision	Date	Comment	Approval	
			Company Preparing Report	AGDC
	5/4/2017	Corrected counts for APE	TAK, Corvus Culture	
C	1/19/2018	Updated CRMP to reflect APE changes, Agency comments, and Section 106 consultation comments	TAK, Corvus Culture	
D	3/30/2018	Updated CRMP to complete missing sections (Plan for Human Remains, Plan for Inadvertent Discoveries, Assessment of Effect chapter, Monitoring Plan), and address Agency and Section 106 consulting party comments	TAK, Corvus Culture	K.Stevenson

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ABSTRACT AND MANAGEMENT SUMMARY

Report Title	Draft Cultural Resources Management Plan
Report Date	March 30, 2018
Land Ownership	State of Alaska, Bureau of Land Management, Denali Borough, Fairbanks North Star Borough, City of Nenana, Matanuska-Susitna Borough, North Slope Borough, Alaska Mental Health Trust Authority, University of Alaska, U.S. Army Corps of Engineers, Ahtna, Inc., Cook Inlet Region, Inc. (CIRI), Toghoththele Corporation.
Document No.	ASAP-22-PLN-ENV-DOC-00002
Project Description	The Alaska Gasline Development Corporation (AGDC) has submitted a Joint Application for Permit (404/10) (Permit) to the U.S. Army Corps of Engineers (USACE) for the Alaska Stand Alone Pipeline / ASAP Project (Project), to construct a natural gas pipeline system to deliver North Slope natural gas to communities in Alaska. Issuance of the federal permit constitutes an undertaking subject to review under Section 106 of the National Historic Preservation Act (NHPA). The USACE is executing a Programmatic Agreement (PA) to satisfy its Section 106 consultation responsibilities; this document has been prepared to guide and support the implementation of the PA.
Project Location	The Project location spans the state of Alaska north to south, from Prudhoe Bay, on the North Slope, to Point MacKenzie, on Cook Inlet. The Project area includes un-surveyed portions of the ASAP Rev 6 Alignment, and exists within the following USGS map quadrangles: Beechey Point (XBP, A3, B3); Sagavanirktok (SAG, A3, A4, B3, C3, D3, D4); Philip Smith Mountains (PSM, A5, C4, C5, D4); Chandalar (CHN, D6); Wiseman (WIS, A1, B1); Bettles (BET, A1, B1, B2, C2, D1, D2); Tanana (TAN, D1); Livengood (LIV, A4, B4, C5, D5, D6); Fairbanks (FAI, A5, B5, C4, C5, D2, D3, D4); Healy (HEA, A5, A6, B4, B5, C4, D4, D5); Talkeetna Mountains (TLM, D1, D6); Talkeetna (TAL, A1, B1, C1); Tyonek (TYO, B1, C1, D1).

Summary

This Plan provides an overview of cultural resources identification, consultation and National Register of Historic Places (NRHP) eligibility evaluation work that has been completed to date for the Project, and identifies actions that will be completed to satisfy the terms of the PA, including strategies for the avoidance, minimization and mitigation of historic properties that may be adversely affected by the Project. A total of 1,224 cultural resources are present in the Project Area of Potential Effect (APE), 156 of these resources are considered historic properties (cultural resources determined to be eligible for listing in the NRHP).

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Appendix C: AHRs Sites within the APE
Appendix D: AHRs Site Location Mapbook
Appendix E: Environmental and Cultural Overview

ACRONYMS AND ABBREVIATIONS

ACC	Alaska Commercial Company
ADFG	Alaska Department of Fish and Game
ADNR	Alaska Department of Natural Resources
ADOT&PF	Alaska Department of Transportation and Public Facilities
AES	Arctic Slope Regional Corporation Energy Services
AGDC	Alaska Gasline Development Corporation
AGPPT	Alaska Gas Producer's Pipeline Team
AHPA	Alaska Historic Preservation Act
AHRS	Alaska Heritage Resources Survey
Alaska LNG	Alaska Liquid Natural Gas Project
ANCSA	Alaska Native Claims Settlement Act
APE	Area of Potential Effect
APP	Alaska Pipeline Project
ARLIS	Alaska Resources Library Information Services
ARC	National Archives and Records Administration Archival Research Catalog
ARPA	Archaeological Resources Protection Act
ARRC	Alaska Railroad Corporation
AS	Alaska Statute
ASAP	Alaska Stand Alone Pipeline
ASTt	Arctic Small Tool Tradition
BLM	Bureau of Land Management
BP	Before Present
CFR	Code of Federal Regulations
CIRI	Cook Inlet Regional Incorporated

CMT	culturally modified tree
CRC	Cultural Resources Consultants, LLC
Denali Project	Denali – the Alaska Gas Pipeline LLC
ENSTAR	ENSTAR Natural Gas Company
FEIS	Final Environmental Impact Statement
FID	Final Investment Decision
FL	Fairbanks Lateral
FTVR	Friends of the Tanana Valley Railroad
GCF	Gas conditioning facility
GPS	Global Positioning Systems
HABS	Historic American Building Survey
HAER	Historic American Engineering Record
HBC	Hudson Bay Company
IHLC	Iñupiat History, Language & Culture
LMR	Land Management Regulations
MMSCFD	Million standard cubic feet of gas per day
MP	Pipeline Mile Post
MSB	Matanuska-Susitna Borough
MTRS	Meridian Township Range and Section
NAGPRA	Native American Graves Protection and Repatriation Act
NHPA	National Historic Preservation Act
NLUR/NHG	Northern Land Use Research
NPS	National Park Service
NRHP	National Register of Historic Places
NSB	North Slope Borough
OHA	Office of History and Archaeology

PA	Programmatic Agreement
Plan	Cultural Resources Management Plan
PMRE	Port McKenzie Rail Extension
Project	Alaska Stand Alone Pipeline Project
RAC	Russian American Company
RPCA	Regional Project Component Assessment of Effect Summary
ROW	right-of-way
SDMS	Spatial Database Management System
SEIS	Supplemental Environmental Impact Statement
SHPO	State Historic Preservation Officer
TAPS	Trans-Alaska Pipeline System
TCP	Traditional Cultural Property
TLUI	Traditional Land Use Inventory
Treatment Plan	Historic Properties Treatment Plan
USACE	United States Army Corps of Engineers
USGS	United States Geological Survey

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1. INTRODUCTION

The Alaska Gasline Development Corporation (AGDC) has submitted a Joint Application for Permit (404/10) (Permit) to the U.S. Army Corps of Engineers (USACE) for the Alaska Stand Alone Pipeline (ASAP) Project (Project), to construct a natural gas pipeline system to deliver North Slope natural gas to communities in Alaska. Issuance of the federal permit constitutes an undertaking subject to review under Section 106 of the National Historic Preservation Act (NHPA). The purpose of this Cultural Resources Management Plan (Plan) is to support and guide the implementation of the *Programmatic Agreement among the U.S. Army Corps of Engineers, Alaska District, United States Department of the Interior, Bureau of Land Management, Alaska State Historic Preservation Officer and Alaska Gasline Development Corporation Regarding the Alaska Stand Alone Pipeline Project (PA)*.

This Plan details the procedures that will be followed to complete the processes for historic property identification, assessments of effect, and historic property treatment, including strategies for the avoidance, minimization and mitigation of adverse effects to cultural resources eligible for the National Register of Historic Places (NRHP; i.e., historic properties).

1.1 PROJECT DESCRIPTION AND PLANNING BACKGROUND

The purpose of the ASAP Project is to deliver North Slope natural natural gas to Fairbanks, the Southcentral region, and other communities in Alaska. The ASAP Project comprises a Gas Conditioning Facility (GCF) near Prudhoe Bay capable of producing an annual average of 500 million standard cubic feet of gas per day (MMSCFD) of natural gas; a buried, 36-inch, 733-mile-long, 1,480-pound per square inch gauge (psig) buried natural gas pipeline connecting the GCF to the existing ENSTAR Natural Gas Company (ENSTAR) pipeline system in the Matanuska-Susitna Borough (MSB); a buried, 12-inch, 30-mile long, 1,480 psig, lateral line connecting the Mainline to Fairbanks; and associated facilities. The pipeline system is designed to transport natural gas that will be accessible to and useable by communities, government entities, and natural resource development projects.

The proposed pipeline will typically be buried with a minimum cover of 30 inches and a bottom-of-ditch depth of 6 to 8 feet, except at fault crossings, elevated bridge stream crossings, pigging facilities, and block valve locations. The ASAP route will generally parallel the Trans-Alaska Pipeline System (TAPS) and Dalton Highway corridor to near Livengood, northwest of Fairbanks. At Livengood, the route will continue south, to the west of Fairbanks and Nenana. The pipeline will bypass Denali National Park and Preserve (DNP) to the east and will then generally parallel the Parks Highway corridor to Willow, continuing south to its connection with ENSTAR's distribution system at Mile Post (MP) 39 of the Beluga Pipeline, southwest of Big Lake. The Fairbanks Lateral tie-in will be located approximately 2.5 miles south of the Mainline Chatanika River crossing at MP 440 of the Mainline. From the tie-in, the Fairbanks Lateral pipeline will traverse east, following the Murphy Dome and Old Murphy Dome Roads, and then extending southeast into Fairbanks.

In addition to the Mainline and Fairbanks Lateral pipelines, off right-of-way (ROW) components will be constructed to support both construction of the Project, and the long term maintenance and operation of the Project. These include:

- Gas Conditioning Facility (GCF) at Prudhoe Bay
- West Dock Sea Lift and Staging Pad
- Metering Stations at the end of the Fairbanks Lateral and Mainline Terminus
- Eight Pig Launching or Receiver Facilities
- Forty Mainline Block Valve Locations
- Maintenance Response Bases at the GCF, Fairbanks Lateral, and Mainline Terminus (Big Lake)
- Corporate Headquarters in Anchorage
- 298 New Access Roads totaling 174.4 Miles
- 89 Material Borrow Sites
- Material Waste Sites
- Pipe Storage and Laydown Yards
- Temporary Workspaces
- 13 Stationary Worker Camps
- Two Temporary Logistics Support Sites (Seward and Fairbanks)

A complete description of the Project is appended to the PA and is also available in the USACE Joint Application for Permit, which can be accessed online at <http://www.asapeis.com/>.

Figure 1. Alaska Stand Alone Pipeline

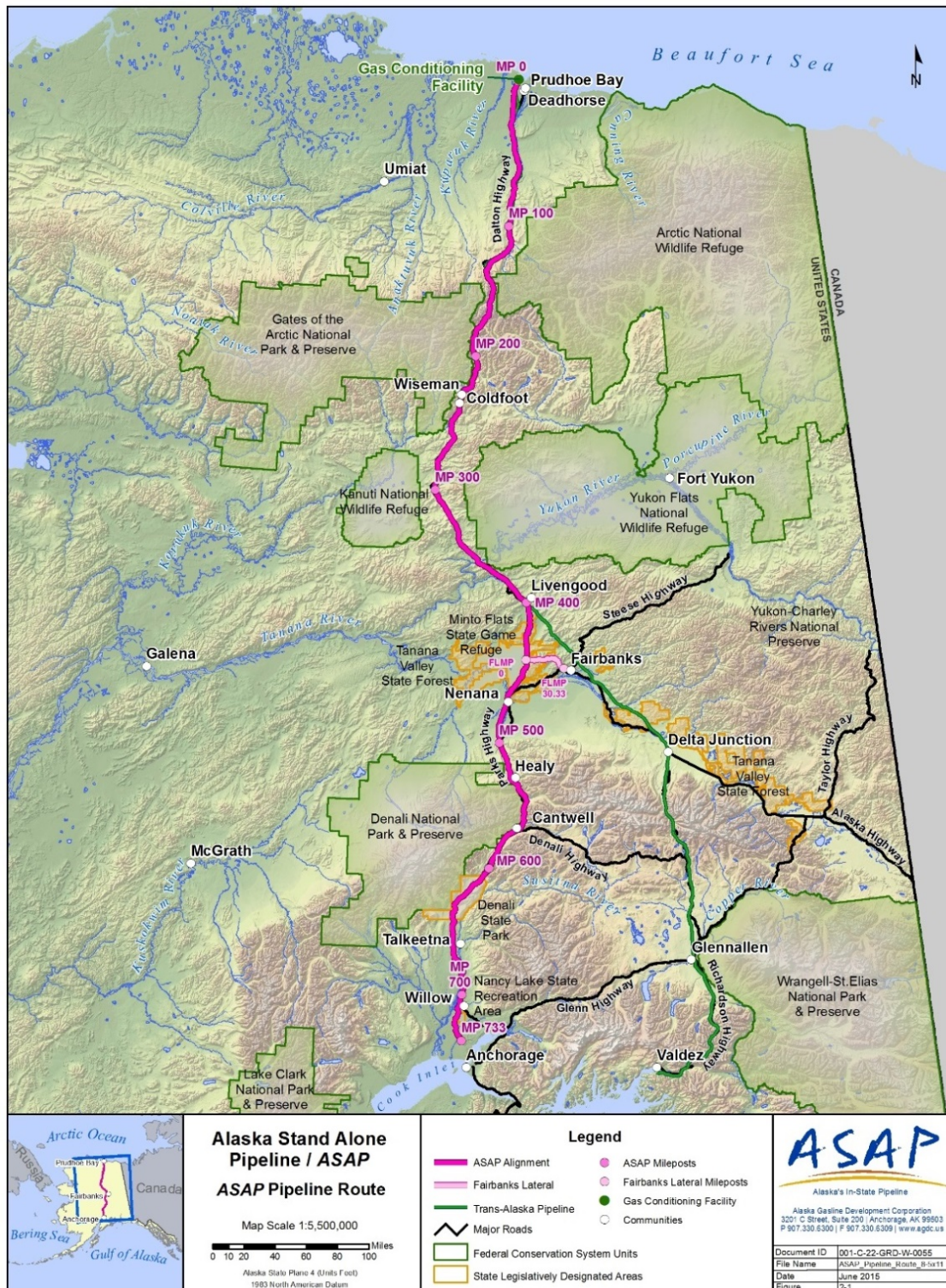
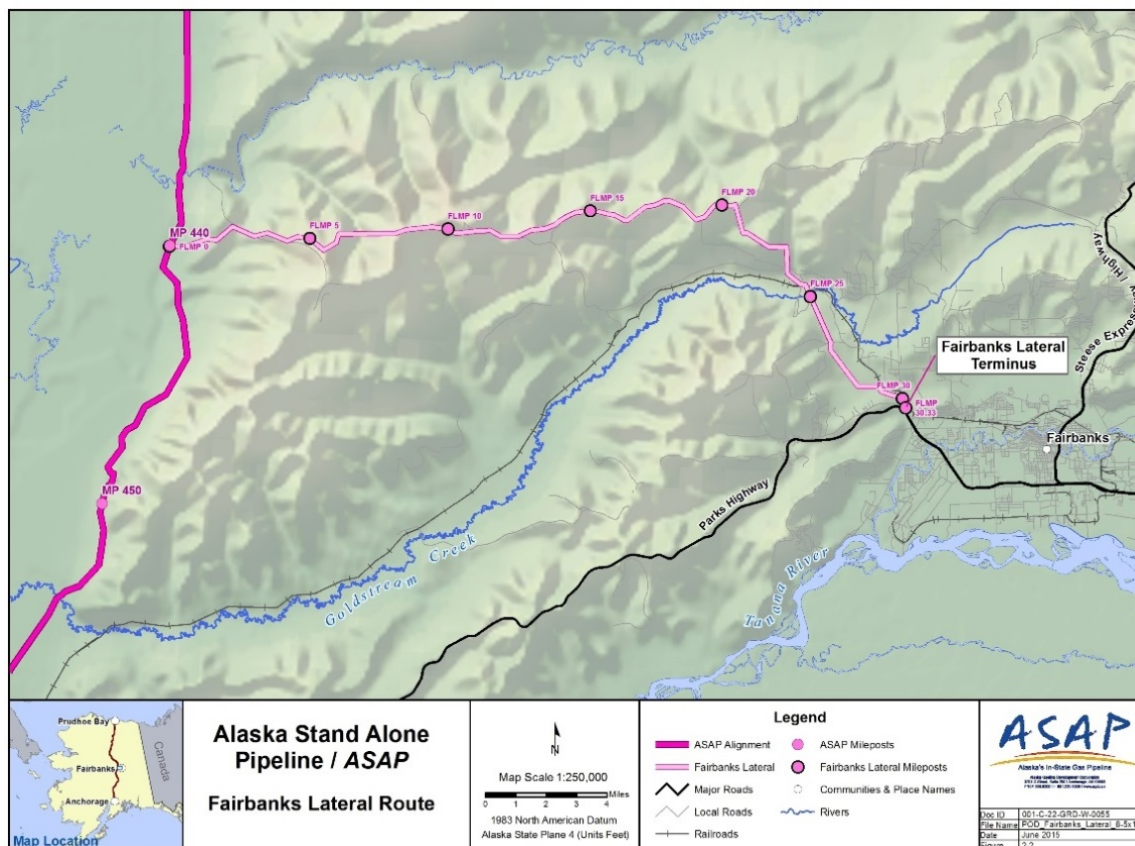


Figure 2. Fairbanks Lateral Route



1.2 PURPOSE OF THE PLAN

As noted in the Introduction, the purpose of this Cultural Resources Management Plan (Plan) is to guide and support the implementation of the PA. The USACE is the lead federal agency for the purposes of compliance with Section 106 of the NHPA. Traditionally within the Section 106 process, federal agencies work with consulting parties to identify historic properties within their project's APE; determine if the project will have an adverse effect; and then resolve the adverse effect through avoidance, minimization, or mitigation prior to project permitting.

Because of the scale of the ASAP Project, as well as the phased nature of design, engineering and construction, the USACE has prepared a PA concurrent with the development of the Supplemental Environmental Impact Statement (SEIS), to identify a phased path for compliance with Section 106. The PA identifies the parties participating in the Section 106 consultation process and the stipulations regarding continued consultation, historic property identification, and assessment and resolution of effect, to demonstrate compliance with Section 106 and its implementing regulations at 36 CFR 800.

This Plan summarizes the cultural resources identification and Section 106 consultation efforts that have been completed to date for the Project and outlines the work that will be completed following execution of the PA, including avoidance, minimization and mitigation measures for the treatment of historic properties that will be adversely affected by the Project.

1.3 ORGANIZATION OF THE PLAN

Section 1 of this plan presents an introduction to the Project and the purpose of the Plan, as well as a brief Project description. Section 2 presents the regulatory context for cultural resources, including descriptions of applicable federal, state, and local cultural resource laws, regulations, policies and permit requirements. Section 3 discusses the status of Section 106 consultation for the Project and the PA, and concludes with a description of the Area of Potential Effect (APE).

Section 4 presents an overview of the cultural resources work that has been completed to date, including summaries of previous Project-related surveys and other field and literature review investigations that have taken place in the APE. Section 5 identifies the cultural resources that are documented within the APE, and their eligibility for listing in the NRHP. Section 6 presents a brief discussion of the status of survey within the APE and the procedures for identification of historic properties following execution of the PA, including field survey and site evaluation. Section 7 presents procedures for assessing project effects to historic properties within the APE, and Section 8 identifies strategies that AGDC will implement to avoid, minimize and mitigate effects to historic properties within the APE, including a table listing all historic properties within the direct APE and the proposed mitigation or minimization measures to be implemented at each site.

Section 9 presents a table summarizing the actions, reports and plans AGDC will complete to satisfy its responsibilities in the PA, and Sections 10 and 11 present the Plans for Inadvertent Discovery of Cultural Resources (Section 10) and the Plan of Action for the Inadvertent Discovery of Human Remains. Lastly, Section 12 discusses general monitoring procedures that will be adhered to during construction monitoring.

The appendices included with this Plan contain tables and mapbooks with more detailed information on the location of cultural resources investigations within the APE, and the location of all documented cultural resource sites within the APE. Additionally, an environmental and cultural overview of the Project area is included.

2. REGULATORY BACKGROUND

The Project will require a Section 404 permit from the USACE, triggering compliance with and consultation under Section 106 of the NHPA. Additionally, sizeable portions of the Project will be constructed on federal land managed by the Bureau of Land Management. Partnership with the State of Alaska triggers project compliance with Alaska Statute (AS) 41.35.070 under the Alaska Historic Preservation Act (AHPA). Also, portions of the Project are located within the North Slope Borough (NSB), which maintains a permitting process to ensure that cultural resources are taken into account for projects within its boundaries.

Other federal laws and regulations govern the management of cultural resources and human remains located on federal land. These laws include the Archaeological Resources Protection Act (ARPA) and the Native American Graves Protection and Repatriation Act (NAGPRA).

2.1 SECTION 106 OF THE NATIONAL HISTORIC PRESERVATION ACT (NHPA)

2.1.1 54 U.S.C. 306108

Section 106 of the NHPA of 1966, as amended, and its implementing regulations at 36 CFR 800, mandates that federal agencies must take into account the effects their undertakings may have on historic properties. The NHPA defines an undertaking as “a project, activity, or program funded in whole or in part under the direct or indirect jurisdiction of a Federal agency, including...those requiring a Federal permit, license, or approval” (36 CFR 500.16(y)). Per 36 CFR 800.16 (l)(1) as amended, an “historic property” is described as:

any prehistoric or historic district, site, building, structure, or object included in, or eligible for inclusion in, the National Register of Historic Places maintained by the Secretary of the Interior. This term includes artifacts, records, and remains that are related to and located within such properties. The term includes properties of traditional religious and cultural importance to an Indian tribe or Native Hawaiian organization and that meet the National Register criteria.

Section 106 lays out a process which seeks to balance historic preservation concerns with the requirements of the undertaking through consultation among the responsible lead federal agency (in this case, USACE) and other parties, including SHPO, other federal land-managing agencies, federally recognized Tribes and other Alaska Native groups, representatives of local government and other interested parties. The goal of consultation is to identify historic properties potentially affected by the undertaking, assess the effects of the undertaking, and seek measures to avoid, minimize or mitigate (resolve) adverse effects to historic properties.

2.2 ARCHAEOLOGICAL RESOURCES PROTECTION ACT OF 1979

2.2.1 Public Law 96-95 (16 U.S.C. 470aa-470mm); Regulations at 43 CFR 7

ARPA provides for the protection of archaeological resources on federal and Indian lands and requires federal land managers to issue permits for the excavation or removal of archaeological resources from lands under their jurisdiction. ARPA stipulates that the appropriate Tribes be notified prior to permit issuance to determine if significant religious or cultural sites may be affected. ARPA prohibits the sale or trafficking of artifacts removed from federal lands across interstate or international boundaries; and levies both civil and criminal penalties for the illegal excavation damage, or defacement of archaeological sites and for the sale or trafficking of cultural materials illegally removed from federal lands.

Archaeological resources, as defined by ARPA, consist of any material remains of past human life or activities which are of archaeological interest and are at least 100 years in age and the physical site, location or context in which they are found. A resource is of archaeological interest if, through its scientific study and analysis, information or knowledge can be obtained concerning human life or activities. Paleontological specimens, deposits, and remains are not considered archaeological resources under ARPA unless they are located in an archaeological context.

ARPA stipulates information concerning the nature and location of any archaeological resource on federal or Indian lands may not be made available to the public unless it is determined that such disclosure would further the purposes of the Act and not create a risk of harm to the resources or to the site where such resources are located.

2.3 NATIVE AMERICAN GRAVES PROTECTION AND REPATRIATION ACT

NAGPRA, which was passed in 1990, requires federal agencies and museums receiving federal funds to inventory collections of human remains and associated funerary objects and consult with Indian tribes and Native Hawaiian organizations on the repatriation or disposition of these remains and objects. Of relevance to the ASAP Project however, NAGPRA requires that Indian tribes or Native Hawaiian organizations be consulted whenever archaeological investigations encounter, or are expected to encounter Native American cultural items or when such items are unexpectedly discovered on federal or tribal lands.

NAGPRA contains provisions for the intentional and inadvertent discovery of Native American cultural items on federal and tribal lands, and Section 4 of NAGPRA establishes that illegal trafficking in human remains and cultural items may result in criminal penalties.

2.4 THE ALASKA HISTORIC PRESERVATION ACT

The AHPA (AS 41.35) was implemented in 1971 and regulates the treatment of historic, prehistoric, and archaeological resources on State of Alaska land or lands threatened by public (state) construction. The statute establishes that it is state policy to “preserve and protect the historic, prehistoric, and archeological resources of Alaska from loss, desecration, and destruction so that the scientific, historic, and cultural heritage embodied in these resources may pass undiminished to future generations” (AS 41.35.010) and establishes state title to all historic, prehistoric, and archaeological resources located on state owned or controlled land. By definition, this includes “deposits, structures, ruins, sites, buildings, graves, artifacts,

fossils, or other subjects of antiquity which provide information pertaining to the historical or prehistorical culture of people in the state as well as to the natural history of the state” (AS 41.35.230).

The statute compels the Alaska Department of Natural Resources (ADNR) to identify historic, prehistoric, and archaeological resources (AS 41.35.070(a)) and to determine whether public construction projects will have any adverse impacts on these resources in advance of an undertaking (AS 41.35.070(b-c)).

The statute prohibits removal or destruction of the historic and archaeological resources located on state owned or state-controlled lands, including tidelands and submerged lands, without a state permit. Additionally, the statute prohibits the possession, selling, buying or transport of these resources without a state permit.

2.5 NORTH SLOPE BOROUGH REGULATIONS

The Land Management Regulation (LMR) Division of the NSB reviews land use permits and monitors compliance with applicable regulations. The NSB’s Iñupiat History, Language & Culture (IHLC) Division has oversight of the historic, archaeological, and cultural sites within the boundaries of the NSB, which are recorded in the Traditional Land Use Inventory (TLUI) database. The IHLC is tasked with ensuring that development activities do not impact cultural sites, activities, or social/cultural practices and values. To that end, all land use permits processed by LMR require the completion of a Certificate of IHLC/TLUI Clearance Application (Form 500). The TLUI clearance process also requires that cultural resources studies be conducted in Project areas, and that consultation with affected village tribal presidents and city mayors occurs before permits are granted.

3. SECTION 106 CONSULTATION

Per 36 CFR 800.2, the entities that should be invited to consult on the Project include: the State Historic Preservation Officer (SHPO); Tribes that may attach religious and cultural significance to the cultural resources affected by the Project; local governments with jurisdictions over areas in which the effects of the Project may occur; the Project applicant (AGDC); and individuals and organizations with a demonstrated interest in the Project, such as a legal or economic relation to the Project or affected cultural resources, or concern with the Project's effects on historic properties.

Since 2010, the USACE has conducted consultation with various Federal, state, and local land-managing agencies and state and Alaska Native Claims Settlement Act (ANCSA) corporations that own lands within the Project area, as well as Tribes, tribal entities, and other organizations or individuals with a demonstrated interest in the project. Consultation for the Project initially occurred between 2010 and 2012, during preparation of the Final Environmental Impact Statement (FEIS). Consultation was put on hold as AGDC revised the Project description and 404 permit application, though informal consultation continued throughout 2013-2016.

In 2017, the USACE reached out to federal, state and local agencies and government, federally recognized Tribes, ANCSA corporations, and other individuals and organizations with a demonstrated interest in the Project to participate in consultation and the development of the PA. Appendix C of the PA lists the entities that were invited to consult. In addition to the USACE and the project's Permittee (AGDC), the entities that indicated interest in participating in the consultation include the Alaska SHPO, the BLM, Chickaloon Village Traditional Council, the Knik Tribe, the Kenaitze Indian Tribe, Ahtna, Inc., Cook Inlet Regional Corporation (CIRI), and Arctic Slope Regional Corporation (ASRC).

3.1 PROGRAMMATIC AGREEMENT

The USACE is the lead federal agency for the purposes of compliance with Section 106 of the NHPA. Traditionally within the Section 106 process, federal agencies work with consulting parties to identify historic properties within their project's APE; determine if the project will have an adverse effect; and then resolve the adverse effect through avoidance, minimization, or mitigation prior to project permitting.

Because of the scale of the ASAP Project, as well as the phased nature of design, engineering and construction, the USACE has prepared a PA concurrent with the development of the Supplemental Environmental Impact Statement (SEIS), to identify a phased path for compliance with Section 106. The PA identifies the parties participating in the Section 106 consultation process and the stipulations regarding continued consultation, historic property identification, determination of effect, and resolution of effect, including any long-term monitoring programs agreed to by the participating parties, to demonstrate compliance with Section 106 and its implementing regulations at 36 CFR 800.

Because of the responsibilities they have for permitting some or all of the Project, the USACE, BLM and SHPO¹ are considered Signatories to the PA. Because of the responsibilities AGDC (the Permittee/Applicant) has for implementing many of the terms of the PA, they are considered an Invited Signatory to the PA. The remaining entities participating in consultation and the development of the PA are considered Concurring Parties.

A primary component of successful implementation of the PA will be continued consultation and coordination among the PA Signatories, Invited Signatory and Concurring Parties (together considered the PA parties). The following table identifies these entities and their point of contact. AGDC will update this table annually and include it in the Annual Report (PA Stipulation VI.C.)

Table 1. Signatories, Invited Signatory and Concurring Parties to the PA

Name	Address	Phone/Fax	Email
Signatories			
U.S. Army Corps of Engineers			
Role: Federal Lead Agency reviewing application for the Undertaking			
(Insert name and title of Signatory)	(Insert contact address)	(Insert contact phone/fax)	(Insert contact email)
Dept. of the Interior – Bureau of Land Management			
Role: Federal Land Manager with Authority to issue a linear ROW for the proposed Undertaking; Administrator for the Iditarod National Historic Trail			
(Insert name and title of signatory)	(Insert contact address)	(Insert contact phone/fax)	(insert contact email)
Alaska State Historic Preservation Officer			
Role: Consulting party pursuant to Section 106 of the NHPA			
Judith Bittner, SHPO	Alaska Dept. of Natural Resources Office of History and Archaeology 550 West 7 th Ave, Suite 1310 Anchorage AK 99501	907/269-8721 (ph) 907-269-8908 (f)	judy.bittner@alaska.gov
Invited Signatory			
Alaska Gasline Development Corporation			
Role: Applicant to construct the Alaska Stand Alone Pipeline (Undertaking)			
(Insert name and title of Signatory)	(Insert contact address)	(insert contact phone/fax)	(insert contact email)
Concurring Parties			
Federally Recognized Tribes			
Role: Consulting parties pursuant to Section 106 of the NHPA and Executive Order (EO) 13175			
Chickaloon Village Traditional Council (Insert name and role/title of Signatory)	Chickaloon Village Traditional Council PO Box 1105 Chickaloon, AK	(Insert contact phone and fax)	(insert contact email)
Kenaitze Indian Tribe	Kenaitze Indian Tribe PO Box 988	(insert contact phone and fax)	(insert contact email)

¹ The SHPO is considered a Signatory per 36 CFR 800.14(b)3 and 36 CFR 800.6(c)1.

Name	Address	Phone/Fax	Email
(Insert name and role/title of Signatory)	Kenai, AK 99611		
Knik Tribal Council (Insert name and role/title of signatory)	Knik Tribal Council PO Box 1565 Wasilla, AK 99687	(Insert contact phone) 907/373-2161 (f)	(insert contact email)
ANCSA Regional Corporations Role: Consulting parties pursuant to Section 106 of the NHPA and EO 13175			
Ahtna, Inc. (Insert name and role/title of signatory)	(Insert contact address)	(Insert contact phone/fax)	(Insert contact email)
Arctic Slope Regional Corporation (Insert name and role/title of signatory)	(Insert contact address)	(Insert contact phone/fax)	(Insert contact email)
Cook Inlet Regional, Inc. (Insert name and role/title of signatory)	(Insert contact address)	(Insert contact phone/fax)	(Insert contact email)
National Park Service Role: Consulting party pursuant to Section 106 of the NHPA and EO 13175			
National Park Service (insert name and role/title of signatory)	(insert contact address)	(insert contact phone/fax)	(insert contact email)

3.2 AREA OF POTENTIAL EFFECT

Under 36 CFR 800.16(d), the APE is defined as “the geographic area or areas within which an undertaking may directly or indirectly cause changes in the character or use of historical properties, if any such properties exist.” Per the PA, the APE is defined as follows:

The APE considered for direct effects includes a 350-foot-wide right-of-way corridor for pipeline construction and the proposed footprint for all other project components (e.g. work camps, storage areas, gravel and material sources, and the GCF) plus a 90-foot buffer area. The area considered for indirect effects, including visual impacts, is contained within a 1-mile perimeter that surrounds the direct APE.

The 350-foot-wide corridor has been determined by applying a 175-foot-wide buffer to all sides of the centerline of the nominally 150-foot-wide Mainline and Fairbanks Lateral Alignment Rights-of-Way (ROW). The 90-foot buffer area has been determined by applying a 90-foot-wide buffer to all sides of the construction footprint for all other project components (off-ROW components). These components consist of new and improved access roads, construction camps, dredge disposal areas, facility pads (including the GCF), ice roads, material sources, pipe storage yards, sea ice pads, sea ice roads, temporary workspaces vertical support members, the West Dock dredge area, West Dock existing bridge, fill and road, West Dock mooring dolphins, West Dock new fill areas and West Dock temporary barge bridge and barge bridge rake, HDD entry and exit pads, HDD false rights-of-way, and railroad sidings.

A map of the entire APE for the ASAP Project is provided in Appendix A: Areas of Potential Effect and Areas Surveyed Mapbook. To aid in the review and discussion of the APE, it is divided into three regions. The Northern Region includes the northernmost portion of the APE at West Dock through Pipeline MP 262, the Interior Region include the APE for project components located between Pipeline MP 263 and Pipeline MP 561, and the Southern Region includes the APE for project components located between Pipeline MP 562 and the southernmost portion of the APE.

4. PREVIOUS CULTURAL RESOURCE INVESTIGATIONS IN THE ASAP PROJECT AREA

Several cultural resource investigations have been conducted in the APE. Much of the Mainline alignment north of Livengood was surveyed in the 1970s by archaeologists working on the Trans-Alaska Pipeline (TAPS). Other cultural resources investigations completed within the vicinity of the APE include surveys of sections of the Parks Highway (DePew and Pendleton 2013; Thompson 2011), surveys conducted for the Alaska Railroad and the Point MacKenzie Rail Extension (Pipkin 2006; SRB&A 2009, 2010), and surveys conducted in the greater Fairbanks area for various municipal and borough projects (Matheson and Haldeman 1981; Dixon 1993). Robust surveys for proprietary oil and gas pipeline projects, including Alaska Liquid Natural Gas Project (Alaska LNG) and Alaska Pipeline Project (APP) have been completed within or in the vicinity of the Mainline alignment and some off-ROW component areas (AKLNG 2016, NLUR/NHG n.d.). A table of previous survey investigations that have been conducted in the APE is provided in Appendix B.

4.1 OIL AND GAS RELATED CULTURAL RESOURCE SURVEYS

Multiple linear surveys have taken place within the vicinity of the ASAP study area. The TAPS was one of the first projects to complete systematic cultural resource surveys before its construction in the 1970s. More than 370 archaeological sites were documented during the TAPS surveys between 1969 and 1975 (Cook 1977). These field studies, which coincide in part with the APE, were conducted by personnel from the University of Alaska Fairbanks and what is now the Alaska Pacific University. Another project that undertook cultural resources field investigations in the 1970s was the Northwest Alaska Pipeline Project. This project, which sought to construct a pipeline from Prudhoe Bay to the United States–Canada border, coincided in part with the APE between Prudhoe Bay and Livengood, before turning east toward the border.

In 2001, investigations for the Alaska Gas Producer's Pipeline Team (AGPPT) pipeline were conducted along a corridor from Prudhoe Bay and the United States-Canada border at Port Alcan (Potter et al. 2001). The northern portion of the AGPPT route is similar to the northern portion of the APE. A proprietary predictive model, which used geomorphic variables to identify portions of the proposed route as either low potential for containing cultural resources, moderate potential for containing cultural resources, or two separate types of high potential for containing cultural resources, was used to structure the field investigations. Low potential areas generally received spot checks by helicopter survey, and moderate and high potential areas general received pedestrian survey and some level of shovel testing. Approximately 624 linear miles of the AGPPT route were surveyed and 122 cultural resource sites were identified and recorded during the surveys.

In 2008, Denali – the Alaska Gas Pipeline LLC (Denali Project) proposed to construct a gas pipeline from Prudhoe Bay to Alberta, Canada. The northern portion of the Denali Project route followed the northern portion of the AGPPT route, and coincides with much of the northern portion of the APE. Cultural resources field investigations completed for the Denali Project focused primarily on the portions of the route between Delta Junction and the Canadian border and thus do not overlap the APE. However, a pedestrian

survey with discretionary subsurface shovel testing was conducted at Denali's proposed Gas Treatment Plant at Prudhoe Bay in 2009 (NLUR 2009).

Between 2010 and 2012, the APP applied a refined version of the proprietary predictive model developed for the AGPPT project, to identify areas of cultural resources sensitivity for pedestrian survey and shovel testing. This project had two proposed corridors; one which ran from Prudhoe Bay to Valdez, the other ran from Prudhoe Bay to Alberta. Similar to TAPS, AGPPT, and the Denali Project, portions of the APP project corridor coincided with the APE. These overlapping areas are identified in Appendix A: Areas of Potential Effect and Areas Surveyed Mapbook.

Most recently and most germane to the ASAP project, however, is the Alaska LNG project, which completed substantial cultural resource investigations between 2013 and 2016 and is discussed below.

4.1.1 Alaska LNG Surveys

Cultural resources field investigations for the ALASKA LNG project were designed based on mapped sensitivity or the archaeological potential of areas along the ALASKA LNG project corridor. Pre-survey helicopter overflights were conducted to demarcate generally high or low potential survey segments and note any visible historic buildings or structures. A desktop review of the corridor, which applied a proprietary predictive model, identified areas with very low to no potential for cultural resources and those areas were eliminated from field surveys. The remaining areas were segregated into low potential (Type A) and high potential (Type B) areas. For Type A areas, helicopter or vehicular surveys of segments not previously surveyed were used to identify isolated higher-potential areas for targeted field survey. For Type B areas, field investigations were implemented, including pedestrian transect surveys with systematic shovel testing of previously un-surveyed areas, as well as targeted surveys where the previous surveys (e.g., Denali Project, AGPPT, APP, or ASAP) were considered inadequate.

The field investigations included a combination of walkover, surface inspection, and shovel testing. Of these techniques, walkover transects or vehicular/aerial surveys were used most frequently in Type A survey areas, with visual inspection of areas where previous surveys were conducted or where topography and vegetation cover suggested a lower potential for cultural resources. These areas included wetlands or inundated areas, previously disturbed locations, and areas where the slope exceeded 15 percent. Shovel testing was employed along with these methods for Type B areas. Shovel tests were placed at a maximum interval of 15 meters and assigned a unique identification number. Location data were collected using handheld Global Positioning Systems (GPS) units; both location data and survey results were recorded on survey forms. The shovel tests were excavated to a depth below which cultural materials might be found, as little as 10 centimeters below surface in some areas, and over 100 centimeters below surface in others such as alluvial and colluvial settings. To investigate strata below the base of standard shovel tests, 1-inch-diameter cores were used.

Select prehistoric and historic period artifacts were collected from the surface and in shovel tests. Non-diagnostic prehistoric artifacts were recorded in the field using GPS and documented in field notes and photographs. Diagnostic items and tools were collected for further analysis. Unique diagnostic historic artifacts also were retained for analysis; however non-diagnostic or mass-produced items were recorded

and left at the site. A provisional artifact curation agreement was obtained with the University of Alaska, Museum of the North (UAMN) in Fairbanks for the eventual disposition of the artifacts.

Investigations to determine the potential for deeply buried cultural deposits within the APE for the Alaska LNG project footprint were initiated during the 2015 field season (Proue et al. 2016). Recent studies documented stratified Late Pleistocene and Holocene sites in dune fields of the Tanana Valley. Project representatives sought to investigate eolian landforms similar to these where deeply stratified cultural materials were recorded. Dune deposits in the lower Nenana River and the loess deposit mantling the lower foothills bordering the east side of the Tolovana River were selected for deep testing (Proue et al. 2016). Field investigations included excavation of 1 x 1-meter test units to a depth of at least 1.2 meters into dune and loess deposits to search for cultural materials and to collect charcoal and sediment samples. Sediments were excavated with shovels and trowels, and then passed through 1/8-inch mesh screens. Deposits below 1.2 meters were examined using a 1-inch soil probe with extensions to permit sampling to 5 meters below ground surface (Proue et al., 2016).

In 2013, investigations sought to identify cultural resources located within a 300- to 600-foot-wide study corridor around the pipeline centerline. In subsequent years, the study area was narrowed to a 300-foot-wide corridor. Surveys completed in 2014 examined select survey target areas along the pipeline corridor south of Livengood, while in 2015 cultural resource surveys focused not only on the pipeline corridor, but also off-ROW facilities and previously documented cultural resources sites. In 2016, survey focused primarily on the pipeline centerline of the Point Thomson transmission line, access routes, and off-ROW facilities. By the close of the 2016 field season, approximately 33,828 acres (comprising just over 50 percent of the Alaska LNG project area) had been surveyed.

4.1.2 ASAP Surveys

AGDC (through cultural resources contractors) conducted aerial and pedestrian archaeological survey in the APE between 2009 and 2014. It is important to note that the location and design of the ASAP Project components has been modified over the years, to accommodate geotechnical information and land and resource concerns (including cultural resources concerns). Consequently, not all sites or surveys investigated during any given year may remain within the APE. To aid in understanding the status of survey completion within the current APE, and the specific method of survey completed, this Plan includes a mapbook displaying all survey that has occurred within the ASAP Project footprint, as defined in the Section 404 permit application (see Appendix A: Areas of Potential Effect and Areas Surveyed Mapbook). This mapbook also displays surveys completed for the APP and Alaska LNG projects, which were discussed previously in this chapter.

Results of the ASAP survey efforts are reported in the following AGDC reports, all of which have been submitted previously to the Alaska Office of History and Archaeology:

- *Alaska Stand Alone Gas Pipeline Project/ASAP Cultural Resource Report for the 2010 and 2011 Field Seasons* (AGDC 2012);
- *Alaska Stand Alone Gas Pipeline Project/ASAP Cultural Resource Report for the 2013 Field Season* (AGDC 2014a);

- *Alaska Stand Alone Gas Pipeline Project/ASAP Cultural Resource Report for the 2013 Field Season North of Livengood* (AGDC 2014b);
- *Alaska Stand Alone Gas Pipeline Project/ASAP Cultural Resource Report for the 2014 Field Season* (AGDC 2015b); and
- Letter Report from Marko Radonich to Earle Williams (BLM 2012).

In 2009, AGDC conducted aerial and vehicular (windshield) reconnaissance survey for the entire then-Mainline alignment, at the time referred to as the ASAP ENSTAR Bullet Line; however, no pedestrian survey was conducted at that time. The goal of the 2009 surveys was to identify pedestrian survey target areas for future years, and understand the general topography of the Project as a whole (AGDC 2012).

In 2010, AGDC instituted pedestrian survey methods and completed a pedestrian reconnaissance survey within a 300-foot corridor along 75 miles of the then-Mainline alignment. The 2010 survey occurred at 10 locations between the North Slope, Happy Valley, and the Trapper Creek area. Survey was conducted in parallel transects spaced 50 feet apart; systematic shovel testing occurred at 1,000-foot intervals in areas considered to have high potential for cultural resources. The 2010 pedestrian reconnaissance survey resulted in the identification of 10 new cultural resource sites. No NRHP evaluations were completed for the sites identified in 2010 (AGDC 2013).

Pedestrian surveys continued in 2011, when AGDC conducted pedestrian reconnaissance survey with discretionary subsurface (shovel) testing within a 200-foot corridor along approximately 243 miles of the then-Mainline alignment and Fairbanks Lateral alignment. Mainline alignment survey was focused on the portion of the Mainline south of Fairbanks. AGDC also completed 50 miles of aerial reconnaissance and limited pedestrian survey in the Minto Flats area (AGDC 2013). In addition to the alignment survey, AGDC conducted archaeological testing at proposed borehole locations between Healy and Willow. The tested boreholes were located both within and outside of the 2011 alignment survey targets.

In 2012, AGDC filed the FEIS for the ASAP Project. Consequently, very limited cultural resources investigation occurred in 2012. However, pedestrian survey and shovel testing at three proposed borehole locations at the Mainline alignment's crossing at the Yukon River were completed. No cultural resources were identified as a result of this testing (BLM 2012)

A more robust survey program resumed in 2013, and AGDC conducted pedestrian reconnaissance survey with discretionary subsurface (shovel) testing along a 200-foot-wide corridor centered along 88 miles of the then-Mainline alignment. Survey was completed at various places from Livengood south, and in a 5-mile section north of Livengood, near Grayling Lake. No new cultural resources were identified at Grayling Lake, however 13 new cultural resources were documented south of Livengood, and 12 previously recorded AHRs sites were revisited (AGDC 2014a). No NRHP Evaluations were completed for the sites identified in 2013.

In 2014, SHPO and federal land managing agencies expressed concern regarding the number of intensive surveys occurring for oil and gas projects, and the potential impacts these surveys were having on cultural resources. Consequently, AGDC refined survey methods to create as little an impact as possible, collecting enough information about the location and nature of cultural resources along the Mainline alignment, but

not causing further damage to such resources in the process. These methods, including Levels II and III survey methods, were employed for surveys conducted in 2014

The overall intent of the 2014 field surveys was to identify the location, nature, and extent of cultural resources along the Mainline alignment for the purpose of better project consultation and planning. Because the survey area spanned a large part of the state and crossed many diverse natural settings, the methods and strategies of cultural resources surveys varied from place to place. Areas were judged as having high, medium, or low probability for cultural resources based on several factors, including landform, proximity to other known cultural resources, and proximity to natural resources such as water bodies, or concentrations of subsistence fish, plants and wildlife species.

Intensive survey and subsurface testing was not conducted in areas with high-concentrations of previously documented sites (e.g., Galbraith Lake, Gallagher Flint Station, etc.), as numerous sites have already been identified at these locations and additional intensive survey methods presented the potential to adversely affect these sites.

Survey methods included a variety of Level II reconnaissance, and Level III pedestrian intensive survey strategies. Pedestrian survey was conducted by crews of three to five people. Aerial survey was conducted with a crew of three archaeologists. Windshield survey was conducted by a group of four archaeologists riding together in a car.

Level II reconnaissance survey involved a general visual inspection of an area by means of helicopter, automobile (windshield), and non-systematic pedestrian access. Reconnaissance-level surveys involved gathering general information about an area of low to moderately low potential, or in areas of moderate potential that were not readily accessible by foot. When done by air, surveyors flew in a helicopter traveling low and slow enough to visually inspect the survey area terrain for indications of cultural resources. Windshield reconnaissance was also done slowly in low potential areas where the survey area was visible from the roadside. Windshield and aerial reconnaissance survey provided a basis for identification of higher potential areas for pedestrian survey.

Level III pedestrian-intensive survey involved a more careful, systematic mode of visual inspection where, whenever possible, the crew walked 15-meter parallel transects. Where parallel transects were not possible, adapted survey strategies were used to take advantage of exposed ground, areas with good ground visibility and access. Pedestrian survey methods were used for areas of medium to high potential that could be accessed on foot. Pedestrian-intensive survey involved the discretionary, non-systematic excavation of subsurface shovel tests in areas of high potential or to define the boundaries of a site.

During both reconnaissance and pedestrian intensive surveys, if potential for finding cultural resources appeared to increase, methods for investigation and testing were intensified at the discretion of the field crew chief. Subsurface testing also occurred at the discretion of the crew chief, primarily as a means to intensively investigate areas of high potential or define the boundaries of a site.

Survey areas and efforts were documented with digital photographs, Garmin GPS, GPS-enabled tablets, hand-drawn maps using compass and measuring tape, and in the notes handwritten daily by each field crew member. All cultural resources and subsurface tests were described in field notes, photographed, and geo-located using GPS.

A total of 404.5 miles of the ASAP Mainline alignment were surveyed in 2014, including 252 miles of Level II aerial reconnaissance, 77.5 miles of Level II windshield reconnaissance and 76 miles of Level III pedestrian intensive. Twenty-four new cultural resource sites were documented.

4.2 OTHER NOTABLE SURVEYS

4.2.1 Northern Region

In addition to the aforementioned oil and gas-related surveys, a number of cultural resources investigations have been conducted along the Dalton Highway in association with highway maintenance and improvements, including proposed material sources (DePew 2001; DePew and Pendleton 2003; Gerlach et al. 2001; Thompson 2002, 2013a, 2013b). Many of these surveys covered portions of off-ROW ASAP Project components located adjacent to the Dalton Highway, and employed similar survey methods as those used during the ASAP -Project cultural resources surveys. BLM has conducted numerous discrete surveys in the APE in association with mining permits and other assessments (Adkins 2000a-g; Mills 2003; Smith 2004).

4.2.2 Interior Region

Notable cultural resources investigations that have occurred within the APE in the Interior Region, and which have employed methods similar to the ASAP and Alaska LNG projects include the Tower Hill Mines surveys near Livengood (Proue et al. 2014, 2013), surveys associated with maintenance and operation of the Alaska Railroad (CRC 2005; Kriz 2004; Reuther et al. 2003; Potter et al. 2004; Williams and Ream 2005; Yarborough 2005), and surveys associated with electric distribution lines (Potter and Bowers 2004).

4.2.3 Southcentral Region

The Southcentral Region has been the focus of a number of surveys associated with Parks Highway improvement projects (Thompson 2011) as well as Matanuska-Susitna Borough-sponsored cultural resources investigations. Surveys associated with the Port McKenzie Rail Extension (PMRE) project however are one of the largest and most noteworthy investigations overlapping the APE. Surveys for PMRE were conducted primarily in 2008 (SRB&A 2010) and resulted in the identification of 42 cultural resources.

5. CULTURAL RESOURCES IN THE APE

This section identifies and describes the cultural resources that are in the ASAP Project APE. Tables identifying each cultural resource, the APE in which the site is located (direct or indirect), the site's NRHP eligibility status and preliminary description information are included in Appendix C. Due to the number of sites within the APE, tables are broken into regions (Northern, Interior, and Southcentral). The Northern Region runs from Mainline alignment Pipeline Milepost (MP) 0 to MP 262, just south of Coldfoot. The Interior region runs from MP 263 to MP 561, just north of Cantwell, and includes the Fairbanks Lateral alignment. The Southcentral region begins at pipeline MP 562 and continues to the Pipeline's terminus at MP 733. These regions correspond to the regional divisions used in the environmental and cultural context overview (Appendix E) and to regional divisions identified in cultural resources survey reports prepared previously. In addition, a mapbook displaying the location of each AHRS site in relation to the APE is attached in Appendix D. Cultural resources are defined in the Glossary of Terms/Acronyms contained in the PA.

Paleontological resources are considered natural resources and are not subject to Section 106 consideration. However, the State of Alaska includes fossils and resources important to the natural history of the state in its definition of "historic, prehistoric, and archaeological resources" (AS 41.35.230), thus they are included in the AHRS inventory and in the cultural resources identified for this project.

Examination of AHRS records revealed that a total of 1,224 documented AHRS sites are located within the APE for the ASAP Project. Of the 1,224 AHRS sites, 203 are within the direct APE, and the remaining 1,021 are within the indirect APE. Of the 203 sites in the direct APE, 71 (35%) have been determined to be eligible for listing in the NRHP, have been listed in the NRHP, or are to be treated as eligible and are therefore considered historic properties; 79 (39%) have been determined not eligible for listing in the NRHP; 11 (5%) have eligibility determinations pending with the SHPO; one (<1%) is a paleontological site, and the remaining 41 (20%) resources have not yet been evaluated (Table 2, also see Appendix C).

Of the 1,021 sites in indirect APE, 85 (8%) have been determined to be eligible for listing in the NRHP, have been listed in the NRHP, or are to be treated as eligible and are therefore considered historic properties. 149 (15%) have been determined not eligible for listing in the NRHP, 19 (2%) are paleontological sites, 4 (<1%) have eligibility determinations pending with the SHPO, and the remaining 764 (75%) have not yet been evaluated (Table 3, also see Appendix C).

Table 2. Number of Cultural Resources in the Direct APE

NRHP Status	Total Number of Sites in Direct APE	Percentage of Total
Determined Eligible and/or Listed	63	31
Treated as Eligible	7	3
National Historic Landmark	1	< 1
Eligibility Pending with SHPO	11	5
Not Eligible	79	39

Paleontological	1	< 1
Unevaluated	41	20

Table 3. Number of Cultural Resources in the Indirect APE

NRHP Status	Total Number of Sites in Indirect APE	Percentage of Total
Determined Eligible and/or Listed	83	8
Treated as Eligible	0	0
National Historic Landmark	2	< 1
Eligibility Pending with SHPO	4	<1
Not Eligible	149	15
Paleontological	19	2
Unevaluated	764	75

It should be noted that documented linear cultural resources, such as trails and roads, are designated with a different AHRS number for each map quadrangle through which they cross. Some of these linear resources cross the direct APE multiple times, and have multiple AHRS designations, but represent a single resource. Similarly, some AHRS sites and districts are large polygons that may be present in both the direct and indirect APE.

5.1 NOTABLE SITE CONCENTRATIONS IN THE APE

A number of notable site concentrations are located along the Mainline alignment, Fairbanks Lateral and off-ROW project components. These site concentrations include:

5.1.1 Gallagher Flint Station

(MP 114-122, page 15 in Appendix D)

Near the Gallagher Flint Station is a concentration of approximately 75 densely clustered prehistoric sites, many of which are located within the direct or indirect APE for the project. Prehistoric features in the area are recorded in AHRS as individual points with a single locus, or as individual points with multiple loci. The concentration of sites suggests the area should be documented as an archaeological district; however, no formal district boundary demarcation is documented in the AHRS database.

The Gallagher Flint Station itself (PSM-00050) is a National Historic Landmark, determined nationally significant for its age (one of the oldest sites reported north of the Brooks Range, dates to 10,500 B.P) and for its evidence of repeated use over time by different cultural groups. Gallagher Flint Station was first documented during cultural resource surveys for the TAPS project. Materials recovered at the site included lithics, wood, bone, pottery and charcoal, and are associated with American Paleoarctic, Northern Archaic and Arctic Small Tool (ASTt) traditions (OHA 2017; Morton 1985). Many of the sites in the vicinity of Gallagher Flint Station contain both surface and sub-surface components, and have been damaged over the

years from archaeological testing and excavation, along with TAPS and Dalton Highway construction and maintenance.

5.1.2 Galbraith Lake

(MP 141-151, pages 18-19 in Appendix D)

The area around Galbraith Lake is rich in prehistory, with over 150 concentrated prehistoric sites, again, many of which are within the APE. Similar to the Gallagher Flint Station Concentration, sites at Galbraith Lake were first documented during surveys for the TAPS project and are recorded both as individual sites, and as single sites with multiple loci. Also similar to Gallagher Flint Station, no formal district boundary demarcation is documented in AHRS. Notable sites within the Galbraith Lake Concentration include Mosquito Lake (PSM-00049), which is associated with the Denbigh Complex, and Atigun III (PSM-00075), which is associated with late prehistoric Kavik phase. Atigun III is noted as being part of the Atigun Archaeological District (PSM-00204); however the boundaries of this district are not clearly demarcated in AHRS. As with Gallagher Flint Station, many of the sites within the Galbraith Lake Concentration area express both surface and subsurface components, and sites in proximity to TAPS and the Dalton Highway have been damaged over the years from archaeological testing and excavation, as well as pipeline and highway construction and maintenance activities.

5.1.3 Bonanza Creek

(MP 286-290, page 34 in Appendix D)

A small cluster of prehistoric archaeological sites is located near Bonanza Creek. Field investigations for the Alaska LNG project have evaluated a number of these sites, which consist primarily of isolated or small concentrations of surface and/or subsurface lithic artifacts. Three of these sites are located within the direct APE and have been determined eligible for listing in the NRHP.

5.1.4 Kanuti River

(MP 305-308, page 36 in Appendix D)

As at Bonanza Creek, a small concentration of prehistoric archaeological sites is located near the Mainline alignment's intersection with the Kanuti River. The sites appear to be primarily surface lithic scatters representing reduction sequences, and with the exception of NRHP-eligible BET-00250, are largely outside the direct APE.

5.1.5 Rosebud Knob

(MP 398-400, page 46 in Appendix D)

The Mainline alignment bisects the Rosebud Knob Archaeological District (LIV-00284) near the community of Livengood. The District was recently determined to be NRHP-eligible, for its ability to contribute to an understanding of land and resource use. It includes a concentration of 17 documented prehistoric sites

ranging from lookouts and flaking stations to complex, multi-component camps. Naturally occurring outcrops of chert, a material commonly used in the manufacture of lithic tools, are located throughout the Rosebud Knob area. There are four NRHP-eligible sites associated with the District within the direct APE.

5.1.6 Montana Creek

(MP 680-683, page 86 in Appendix D)

The area near the Mainline alignment's intersection with Montana Creek is the location of a number of sites associated with a traditional Dena'ina village, including the historic Montana Creek Cemetery, where Chief Wasilla Stepan, his wife and their five daughters are reportedly buried (OHA 2017). AGDC has rerouted the Mainline alignment east of this area, to avoid and minimize effects to cultural resources associated with Chief Wasilla and the Montana Creek Village site; however, these sites still remain in the indirect APE.

5.1.7 Fish Creek and Red Shirt Lake

(MP 715-722, page 90 in Appendix D)

A sparse cluster of prehistoric and traditional use sites are documented in AHRS in the area of Fish Creek and Red Shirt Lake within the project APE. These sites consist of Dena'ina-related depressions, cache pits and housepits (OHA 2017). However, in both informal discussions and formal consultation, the Knik Tribe has noted the high potential for extensive, undocumented Dena'ina sites in the area. In an analysis of LiDAR datasets available for the Matanuska-Susitna Borough, the Knik Tribe identified hundreds of potential cultural features such as house and cache pits near Fish Creek, Cow Lake and Red Shirt Lake (Porter 2017). This analysis, in combination with oral history provided by Shem Pete and recorded by James Kari suggests the area contains many more cultural resources than those documented in AHRS.

6. HISTORIC PROPERTY IDENTIFICATION

6.1 SURVEY PROGRESS WITHIN THE APE

To date, survey efforts for the project have focused largely on the Mainline and Fairbanks Lateral alignments. Table 4 delineates the amount and type of survey that has occurred along the Mainline alignment nominally 150-foot-wide ROW footprint. With robust data delineating cultural resource survey completed by APP, Alaska LNG and ASAP, it can be determined that 80 percent of the project footprint of the Mainline alignment has been surveyed for cultural resources at the pedestrian level (Table 4). The interior region portion of the Alignment has received the greatest amount of pedestrian level survey, while the southcentral region portion of the Alignment has received the lowest.

It is important to note that analysis of the broader direct APE indicates 64 percent of the 350-foot-wide Mainline alignment direct APE corridor has been surveyed at the pedestrian level (Table 5). The amount and type of survey that has occurred within the direct APE for each type of project component, including off-ROW components, is delineated in Table 5. The Table is organized by region. While off-ROW components have not been the focus of previous survey efforts, in general approximately 50 percent of the direct APE for temporary workspaces, camps, and HDD entry and exit pads has been surveyed at the pedestrian level. Similarly, Table 6 delineates survey that has occurred within the indirect APE.

Table 4. Percentage of Survey by Region of the ASAP Mainline Alignment ROW

Region	Total Miles	Pedestrian Survey		Windshield Survey		Aerial Survey		No Field Survey	
		Miles	Percentage	Miles	Percentage	Miles	Percentage	Miles	Percentage
Northern	262	188.8	72.10%	4.7	1.80%	66.4	25.30%	2.2	0.80%
Interior	301	284.9	94.60%	0.9	0.30%	7.1	2.40%	8.1	2.70%
Southcentral	170.5	114.6	67.20%	0.3	0.20%	30.4	17.90%	25.1	14.70%
Grand Total	733.5	588.2	80.20%	5.9	0.80%	103.9	14.20%	35.4	4.80%

Table 5. Cultural Resources Survey Completed at Project Components in Direct APE

Region	Total Acres	Pedestrian Survey		Windshield Survey		Aerial Survey		No Field Survey	
		Acres	Percentage	Acres	Percentage	Acres	Percentage	Acres	Percentage
Northern Region									
Access Road	1,138.8	309.5	27.2	24.6	2.2	197.4	17.3	607.3	53.3
ASAP Align- ment ROW	11,809.4	7,243.2	61.3	308.2	2.6	3,208.6	27.2	1,049.4	8.9
Camp	208.4	106.6	51.2	0.0	0.0	14.3	6.8	87.5	42.0
Dredge Dis- posal	122.7	0.0	0.0	0.0	0.0	0.0	0.0	122.7	100.0
Facility Pad	124.8	5.8	4.7	0.0	0.0	116.0	92.9	3.0	2.4
Ice Access Road	205.2	5.3	2.6	0.2	0.1	46.4	22.6	153.2	74.7
Material Source	3,108.3	672.1	21.6	20.5	0.7	382.6	12.3	2,033.1	65.4
Pipe Storage Yard	150.9	27.4	18.2	0.0	0.0	20.2	13.4	103.2	68.4
Sea Ice Pad	245.8	0.0	0.0	0.0	0.0	2.0	0.8	243.8	99.2
Sea Ice Road	292.6	0.0	0.0	0.0	0.0	6.2	2.1	286.5	97.9
Temporary Workspace	51.9	30.5	58.7	1.5	2.9	4.3	8.3	15.6	30.1
Vertical Sup- port Mem- ber	17.8	0.0	0.0	0.0	0.0	8.0	45.1	9.8	54.9
West Dock Dredge Area	84.0	0.0	0.0	0.0	0.0	0.5	0.6	83.5	99.4
West Dock Existing Bridge	4.9	0.0	0.0	0.0	0.0	1.2	24.9	3.7	75.1
West Dock Existing Fill	99.1	0.0	0.0	0.0	0.0	25.1	25.3	74.0	74.7
West Dock Existing Road	39.8	0.0	0.0	0.0	0.0	21.1	53.0	18.7	47.0

Region	Total Acres	Pedestrian Survey		Windshield Survey		Aerial Survey		No Field Survey	
		Acres	Percentage	Acres	Percentage	Acres	Percentage	Acres	Percentage
West Dock Mooring Dolphin	2.8	0.0	0.0	0.0	0.0	1.2	43.7	1.6	56.3
West Dock New Fill	50.7	0.0	0.0	0.0	0.0	30.2	59.5	20.5	40.5
West Dock Temporary Barge Bridge	5.2	0.0	0.0	0.0	0.0	3.6	68.9	1.6	31.1
West Dock Temporary Barge Bridge Rake	1.3	0.0	0.0	0.0	0.0	0.9	70.4	0.4	29.6
Northern Region Total	17,764.4	8,400.5	47.3	355.0	2.0	4,089.9	23.0	4,919.1	27.7
Interior Region									
Access Road	4,117.2	915.2	22.2	112.2	2.7	86.2	2.1	3,003.6	73.0
ASAP Align-ment ROW	14,027.5	10,749.6	76.6	449.3	3.2	1,244.5	8.9	1,584.1	11.3
Camp	199.5	47.4	23.8	61.5	30.8	0.0	0.0	90.6	45.4
Facility Pad	66.2	7.4	11.1	0.0	0.0	0.0	0.0	58.8	88.9
Fairbanks Lateral Alignment ROW	1,290.6	219.0	17.0	35.8	2.8	254.4	19.7	781.4	60.5
HDD Entry Pad	15.1	8.3	54.6	0.0	0.0	4.4	29.3	2.4	16.1
HDD Exit Pad	16.5	9.6	57.9	0.0	0.0	5.2	31.5	1.7	10.6
HDD False ROW	172.6	62.0	35.9	0.0	0.0	16.5	9.6	94.1	54.5
Ice Access Road	258.5	3.2	1.2	0.0	0.0	2.0	0.8	253.3	98.0

Region	Total Acres	Pedestrian Survey		Windshield Survey		Aerial Survey		No Field Survey	
		Acres	Percentage	Acres	Percentage	Acres	Percentage	Acres	Percentage
Material Source	2,591.7	1,021.6	39.4	30.2	1.2	2.3	0.1	1,537.6	59.3
Pipe Storage Yard	170.8	28.4	16.6	0.0	0.0	0.0	0.0	142.4	83.4
Railroad Sid-ing	66.1	6.2	9.4	0.0	0.0	2.5	3.7	57.4	86.8
Temporary Workspace	38.0	16.9	44.4	0.0	0.0	6.4	16.9	14.7	38.7
Interior Re-gion Total	23,030.2	13,094.6	56.9	689.1	3.0	1,624.4	7.1	7,622.2	33.1
Southern Region									
Access Road	1,550.0	330.0	21.3	11.1	0.7	36.1	2.3	1,172.9	75.7
ASAP Align-ment ROW	8,050.2	4,293.7	53.3	522.1	6.5	993.0	12.3	2,241.4	27.8
Camp	121.1	24.9	20.6	0.0	0.0	7.3	6.0	88.9	73.4
Facility Pad	37.1	0.0	0.1	0.0	0.0	2.1	5.7	35.0	94.3
HDD Entry Pad	20.1	9.4	46.6	0.0	0.0	2.2	10.9	8.6	42.5
HDD Exit Pad	20.2	10.2	50.6	0.0	0.0	2.5	12.4	7.5	37.0
HDD False ROW	256.9	66.0	25.7	0.0	0.0	18.5	7.2	172.4	67.1
Ice Access Road	210.7	15.6	7.4	0.0	0.0	24.6	11.7	170.6	80.9
Material Source	947.6	100.9	10.6	2.5	0.3	15.4	1.6	828.8	87.5
Pipe Storage Yard	114.3	26.7	23.3	0.0	0.0	0.2	0.2	87.4	76.5
Railroad Sid-ing	85.8	0.5	0.6	0.0	0.0	0.0	0.0	85.3	99.4
Temporary Workspace	28.4	12.9	45.4	5.0	17.6	0.7	2.5	9.8	34.5

Region	Total Acres	Pedestrian Survey		Windshield Survey		Aerial Survey		No Field Survey	
		Acres	Percentage	Acres	Percentage	Acres	Percentage	Acres	Percentage
Southern Region Total	11,442.6	4,890.8	42.7	540.6	4.7	1,102.6	9.6	4,908.6	42.9
GRAND TOTAL	52,237.2	26,385.8	50.5	1,584.6	3.0	6,816.9	13.0	17,449.9	33.4

Table 6. Cultural Resources Survey Completed at Project Components, Indirect APE

Region	Total Acres	Pedestrian Survey		Windshield Survey		Aerial Survey		No Field Survey	
		Acres	Percentage	Acres	Percentage	Acres	Percentage	Acres	Percentage
Northern Region									
Access Road	175,815.9	11,876.4	6.8	712.3	0.4	4,469.5	2.5	158,757.7	90.3
ASAP Alignment ROW	334,234.4	17,675.3	5.3	1,031.7	0.3	10,198.2	3.1	305,329.1	91.4
Camp	13,316.9	811.3	6.1	0.0	0.0	1,112.8	8.4	11,392.8	85.6
Dredge Disposal	3,408.5	0.0	0.0	0.0	0.0	0.0	0.0	3,408.5	100.0
Facility Pad	5,490.3	176.2	3.2	0.4	0.0	920.0	16.8	4,393.7	80.0
Ice Access Road	35,844.2	289.5	0.8	71.3	0.2	3,823.9	10.7	31,659.5	88.3
Material Source	95,354.7	6,156.1	6.5	259.1	0.3	2,852.9	3.0	86,086.7	90.3
Pipe Storage Yard	24,186.6	2,535.9	10.5	18.6	0.1	1,161.9	4.8	20,470.2	84.6
Sea Ice Pad	7,419.4	0.0	0.0	0.0	0.0	510.6	6.9	6,908.8	93.1
Sea Ice Road	12,949.8	0.0	0.0	0.0	0.0	496.2	3.8	12,453.5	96.2
Temporary Workspace	37,329.1	3,465.1	9.3	221.8	0.6	368.8	1.0	33,273.4	89.1
Vertical Sup- port Member	2,962.9	0.0	0.0	0.0	0.0	851.1	28.7	2,111.8	71.3

Region	Total Acres	Pedestrian Survey		Windshield Survey		Aerial Survey		No Field Survey	
		Acres	Percentage	Acres	Percentage	Acres	Percentage	Acres	Percentage
West Dock Dredge Area	3,462.4	0.0	0.0	0.0	0.0	470.7	13.6	2,991.7	86.4
West Dock Existing Bridge	2,224.3	0.0	0.0	0.0	0.0	121.8	5.5	2,102.5	94.5
West Dock Existing Fill	4,717.8	0.0	0.0	0.0	0.0	403.2	8.5	4,314.5	91.5
West Dock Existing Road	3,910.3	0.0	0.0	0.0	0.0	267.4	6.8	3,642.8	93.2
West Dock Mooring Dolphin	2,139.5	0.0	0.0	0.0	0.0	120.5	5.6	2,018.9	94.4
West Dock New Fill	4,097.8	0.0	0.0	0.0	0.0	298.6	7.3	3,799.2	92.7
West Dock Temporary Barge Bridge	2,194.1	0.0	0.0	0.0	0.0	122.0	5.6	2,072.0	94.4
West Dock Temporary Barge Bridge Rake	2,047.1	0.0	0.0	0.0	0.0	119.2	5.8	1,927.8	94.2
Northern Region Total	773,105.8	42,985.8	5.6	2,315.1	0.3	28,689.5	3.7	699,115.4	90.4

Region	Total Acres	Pedestrian Survey		Windshield Survey		Aerial Survey		No Field Survey	
		Acres	Percentage	Acres	Percentage	Acres	Percentage	Acres	Percentage
Interior Region									
Access Road	299,574.1	15,603.6	5.2	802.6	0.3	2,196.8	0.7	280,971.1	93.8
ASAP Alignment ROW	381,793.0	25,162.8	6.6	1,226.2	0.3	3,834.3	1.0	351,569.7	92.1
Camp	13,137.2	1,164.9	8.9	118.7	0.9	172.8	1.3	11,680.7	88.9
Facility Pad	8,791.9	237.0	2.7	0.0	0.0	72.0	0.8	8,482.9	96.5
Fairbanks Lateral Alignment ROW	39,914.9	906.4	2.3	48.5	0.1	490.2	1.2	38,469.8	96.4
HDD Entry Pad	6,433.0	480.3	7.5	26.1	0.4	148.9	2.3	5,777.7	89.8
HDD Exit Pad	6,458.9	486.6	7.5	23.5	0.4	123.8	1.9	5,825.0	90.2
HDD False ROW	9,368.0	607.4	6.5	24.8	0.3	133.4	1.4	8,602.5	91.8
Ice Access Road	15,796.8	249.5	1.6	0.0	0.0	102.7	0.7	15,444.6	97.8
Material Source	117,425.0	8,250.3	7.0	524.7	0.4	842.6	0.7	107,807.5	91.8
Pipe Storage Yard	22,858.2	1,843.3	8.1	134.9	0.6	239.9	1.0	20,640.2	90.3
Railroad Siding	10,760.3	341.9	3.2	0.0	0.0	49.9	0.5	10,368.4	96.4
Temporary Workspace	17,646.2	1,286.2	7.3	106.2	0.6	317.8	1.8	15,936.0	90.3
Interior Region Total	949,957.5	56,620.3	6.0	3,036.1	0.3	8,725.1	0.9	881,576.0	92.8
Southern Region									
Access Road	144,083.4	7,641.5	5.3	558.5	0.4	963.2	0.7	134,920.2	93.6

Region	Total Acres	Pedestrian Survey		Windshield Survey		Aerial Survey		No Field Survey	
		Acres	Percentage	Acres	Percentage	Acres	Percentage	Acres	Percentage
ASAP Alignment ROW	220,032.9	11,587.7	5.3	821.5	0.4	1,938.0	0.9	205,685.8	93.5
Camp	7,839.8	422.3	5.4	35.9	0.5	98.0	1.3	7,283.6	92.9
Facility Pad	4,703.7	40.2	0.9	0.0	0.0	30.2	0.6	4,633.4	98.5
HDD Entry Pad	9,144.6	464.4	5.1	0.0	0.0	180.6	2.0	8,499.6	92.9
HDD Exit Pad	10,033.2	521.5	5.2	0.0	0.0	194.7	1.9	9,317.0	92.9
HDD False ROW	13,954.6	603.8	4.3	0.0	0.0	238.5	1.7	13,112.3	94.0
Ice Access Road	19,289.0	836.2	4.3	0.0	0.0	318.0	1.6	18,134.8	94.0
Material Source	45,124.8	2,564.1	5.7	167.1	0.4	295.9	0.7	42,097.6	93.3
Pipe Storage Yard	17,206.4	721.0	4.2	37.5	0.2	180.1	1.0	16,267.7	94.5
Railroad Siding	13,614.6	291.3	2.1	37.0	0.3	58.3	0.4	13,228.0	97.2
Temporary Workspace	21,073.9	1,399.1	6.6	241.7	1.1	130.7	0.6	19,302.3	91.6
Southern Region Total	526,100.8	27,093.1	5.1	1,899.1	0.4	4,626.2	0.9	492,482.3	93.6
GRAND TOTAL	2,249,164.1	126,699.2	5.6	7,250.3	0.3	42,040.8	1.9	2,073,173.8	92.2

6.2 DATA GAP ANALYSIS

Based on preliminary analysis of survey data and consultation discussions with the Knik Tribe, SHPO, BLM and other consulting parties, additional survey is needed along the southcentral section of the alignment, and at off-ROW components. Additional archival research and consideration of ethnographic data for the purposes of identification of Traditional Cultural Properties (TCPs) and Landscape and District-scale properties throughout the APE is also needed.

AGDC previously completed a cultural resources data gap analysis for the project's off-ROW components (AGDC 2015b). The Data Gap Analysis determined 7,070 acres of the footprint of off-ROW project components have not been subject to previous cultural resource survey, were surveyed more than 15 years ago, or were subjected to survey that did not meet data validity or adequacy standards for the analysis. However, the Data Gap Analysis was prepared prior to the acquisition of Alaska LNG survey data and prior to determination of the APE for the project.

In order to determine locations and priorities for additional survey and testing, AGDC will update the data gap and identify survey targets for un-surveyed portions of the APE, and unevaluated cultural resources within the APE. The Data Gap Analysis will include: 1) a general discussion and review of all existing cultural resources data relevant to the project; 2) a general discussion of outstanding or unavailable data recommended for compliance; 3) methods for determining and identifying data gaps; 4) discussion of key cultural resource data sources and assessment of their reliability, suitability, adequacy, applicability and completeness with respect to the ASAP project; 5) discussion of the nature, magnitude, and location of areas where data gaps exist and priorities for data acquisition in these areas; 6) recommendations for outstanding field, archival and ethnographic data acquisition and analysis, and; 7) maps identifying the spatial extent of data gaps and locations where field investigation is recommended.

AGDC will complete the Data Gap Analysis within 6 months of the Final Investment Decision (FID) and submit it to the USACE for distribution to the PA Parties, for review and comment. PA Parties will have 30 days to review and provide comment. AGDC will address comments and revise the report within 30 days of the closure of the comment period, or as negotiated. If no comments are received within the 30 day review period, the Data Gap Analysis will be considered complete.

6.3 ANNUAL SURVEY AND EVALUATION PLANS

Following completion of the Data Gap Analysis, and prior to May 1 of each year that the PA is in effect while surveys and evaluations are needed, AGDC will complete an Annual Survey and Evaluation Plan. This plan will detail the proposed cultural resource survey and evaluation targets for the upcoming year, the methods to be used, the schedule for completion, and field plan details for completing the survey and NRHP evaluations. The Annual Survey and Evaluation Plan will also include the identification of a curation facility and any relevant curation methods. The anticipated curatorial facility is the University of Alaska Museum of the North; however, artifacts and any burial remains associated with Kenaitze Dena'ina people will be returned to the Kenaitze Tribe. AGDC will develop the Annual Survey and Evaluation Plan in cooperation with the Tribes participating in the PA and will seek to include tribal participation in field survey efforts. AGDC will

submit a copy of the Annual Survey and Evaluation Plan to the USACE for distribution to the PA Parties for their information.

6.4 ANNUAL SURVEY AND EVALUATION REPORTS

AGDC will summarize the results of field investigations and NRHP eligibility evaluations in an Annual Survey and Evaluation Report, to be completed within 6 months of the completion of fieldwork. Annual Survey and Evaluation Reports will be prepared to state and federal standards and guidelines, including OHA Historic Preservation Series No. 11, 48 FR 44716, and National Register Bulletin 15: How to Apply the National Register Criteria for Evaluation. Reports will contain a description and map of the fieldwork completed, thorough documentation and completed AHRS cards for all cultural resources identified as a result of the survey, NRHP evaluations for all cultural resources identified as a result of the survey and previously documented resources revisited for the purposes of completing an NRHP evaluation, and recommendations for the USACE regarding assessments of effect and avoidance, minimization and mitigation measures to be applied for treatment of eligible resources.

AGDC will submit a copy of the Annual Survey and Evaluation Report to the USACE to distribute to PA Parties for their review and comment. PA Parties will have 30 days to review and provide comment. AGDC will address comments and revise the report within 30 days of the closure of the comment period, or as negotiated. If no comments are received within the 30 day review period, the Annual Survey and Evaluation Report will be considered complete.

6.5 NRHP EVALUATIONS

NRHP evaluations of previously documented and newly identified cultural resources will be completed per the Annual Survey and Evaluation Plan (6.3) and included as part of the Annual Survey and Evaluation Report (6.4).

Upon completion of the Annual Survey and Evaluation Report, the USACE will submit the finalized Report to the SHPO for concurrence on the determinations of eligibility contained within. The USACE will also submit the finalized report to any consulting Tribes that may attach religious and cultural significance to cultural resources evaluated within the report and will request their concurrence with the determinations of eligibility. If agreement cannot be reached among the USACE, SHPO, or consulting Tribes, then the USACE will carry out the stipulations contained in Section V.c.v. of the PA.

7. ASSESSMENTS OF EFFECT

The USACE has determined that the project in general will have an adverse effect on historic properties, and the Programmatic Agreement and this CRMP delineate the steps that will be taken to avoid, minimize or mitigate that effect. However, prior to the commencement of ground disturbing activities in any given area, the USACE must make a finding of effect and seek concurrence with SHPO on that finding so that construction in that area may begin.

To allow for the phased historic property identification and construction of the project, findings of effect will be completed by project component type for each region (as defined previously in the document, see Section 3.2). For example, prior to the initiation of ground disturbing activities associated with the construction of access roads in the northern region of the project, the USACE will make a finding of effect for all project activities related to the construction of access roads in the northern region and seek concurrence from SHPO on that finding. Ground disturbing construction activities on any given project component may not commence until the USACE has completed the finding of effect for that set of components, for that region, and SHPO has concurred.

To aid the USACE in preparing the finding of effect, AGDC will prepare Regional Project Component Assessments (RPCAs). These assessments will meet the documentation standards specified in 36 CFR 800.11 and contain a summary of the cultural resource identification activities that occurred to identify historic properties within the APE for that project component and region, the historic properties located within the APE for that component and region, the specific steps that will be taken to avoid or minimize effects to these properties, including monitoring plans for specific areas that will be monitored during construction, and the site treatment plans for properties that will be mitigated.

AGDC will provide RPCAs to the USACE at least 90 days prior to the desired start of ground disturbing activities for the component and region. To facilitate efficient review, AGDC will group RPCAs into as few submittals as possible. The USACE will notify AGDC if any additional information is needed within 15 days of receipt of the RPCA. If no additional information is needed, the USACE will seek concurrence on a finding of effect within 30 days of receipt of the RPCA, and alert AGDC of a decision to allow construction to proceed within 60 days of original receipt of the RPCA. If agreement cannot be reached among the USACE and SHPO, then the USACE will carry out the stipulations contained in Section X. of the PA.

8. HISTORIC PROPERTIES TREATMENT AND MITIGATION

Cultural resources within the direct APE will be affected primarily by ground disturbing activities associated with project construction and long-term operation and maintenance, while those resources in the indirect APE are more likely to be affected by long term visual, audible and atmospheric changes introduced by the construction of above-ground permanent facilities, changes to vegetation from buried project components, and increased access to areas previously not easily accessed.

AGDC has sought to avoid impacts to cultural resources throughout project planning, and in some cases has rerouted the alignments, abandoned proposed material sites, and moved the location of project facilities to do so. Examples include the realignment of the Mainline alignment to avoid culturally sensitive areas in the vicinity of Montana Creek, and the deletion of Access Road AR-BV-N-718.7, to avoid culturally sensitive areas near Redshirt and Cow Lakes. AGDC recognizes that it is not feasible to avoid or minimize adverse effects to all cultural resources. However, to the extent practicable, AGDC will implement measures to avoid and minimize adverse effects to historic properties.

In general, avoidance will be the preferred treatment. Historic properties within the direct APE that can be avoided will be given a minimum 500-foot-diameter buffer and flagged for avoidance prior to construction. Additionally, cultural resource liaisons (see Section 8.1) will be tasked with monitoring the avoided properties during construction, through a series of drop-in site visits, to ensure flagged areas are being avoided.

Minimization measures may include construction in winter time when the ground is frozen and covered with a layer of snow sufficient to protect underlying resources, and/or reconfiguration of workspaces, and flagging and necking down of construction areas to avoid nearby sites.

AGDC will prepare an Avoidance and Minimization Plan identifying the site specific avoidance and minimization procedures to be undertaken for each of the three regions of the project. The Avoidance and Minimization Plan will be completed within 6 months of the FID and include a listing of historic properties proposed for avoidance. AGDC will submit the Plan to the USACE for distribution to PA Parties, for review and comment. PA Parties will have 30 days to review and provide comment. AGDC will address comments and revise the Plan within 30 days of the closure of the comment period, or as negotiated. If no comments are received within the 30 day review period, the Avoidance and Minimization Plan will be considered complete. AGDC will update the plan annually, to incorporate historic properties that may have been identified during the previous year of cultural resource survey. The annual plan updates will be submitted for review per the schedule discussed previously.

8.1 AGDC LIAISON AND CONTRACTOR CULTURAL RESOURCE AWARENESS TRAINING PROGRAM

Contractor training programs are often implemented for large projects, similar to ASAP. Training programs help minimize the effects to historic properties by familiarizing contractors and their employees with the cultural resources they may come into contact with during project construction. Trainings provide education on the importance of cultural resources and inform contractors and their employees of the legal consequences of knowingly disturbing cultural sites. In addition, they are an effective way to disseminate inadvertent discovery procedures. Training programs often prompt greater respect for the resources and culture of Alaska Natives, particularly if the training includes meaningful involvement by Alaskan Native leaders and Elders in content preparation and delivery.

AGDC will conduct cultural resource awareness training for all construction personnel working on the project. Because of the size and scale of the project, as well as its phased construction, the common model of conducting annual contractor trainings in a single specific location will not be feasible. Alternatively, AGDC will develop and implement a cultural resource liaison program. The program will involve the designation of cultural resource liaisons, who will be the point of contact for cultural resource matters, and will plan, coordinate and deliver contractor cultural resource awareness trainings. AGDC will develop the cultural resource liaison program in cooperation with the Tribes participating in the PA, and seek to include tribal participation in curriculum development and instruction.

At least 60 days prior to construction initiation, AGDC will provide the USACE a copy of the training curriculum and schedule for instruction, for USACE review. The USACE will have 15 days to review and provide comment. AGDC will address comments and revise the Plan within 15 days of the closure of the comment period, or as negotiated. The USACE will distribute a copy of the training curriculum and schedule for instruction to the PA parties for informational purposes only.

8.2 CONSTRUCTION MONITORING

AGDC will conduct archaeological monitoring of ground-disturbing construction activities in accordance with the General Monitoring Procedures presented in Section 12 of this document. Monitoring will be conducted when ground-disturbing construction activities are located within 200 feet of historic properties that may be adversely affected by ground disturbing activities, and in areas identified in the RPCAs as highly probable to contain NRHP-eligible archaeological resources.

8.3 AGDC CULTURAL RESOURCES PROGRAM INTERNSHIPS

AGDC will consider the feasibility of an annual internship for the ASAP cultural resources program. The intern would assist the AGDC cultural resource manager in all aspects of the program, including administrative implementation of the PA and CRMP, development of CRMP-required

reports and plans, field investigation and data recovery at cultural resources within the project APE and artifact curation and analysis in a laboratory setting.

8.4 STRATEGIES FOR AVOIDANCE, MINIMIZATION, AND MITIGATION OF HISTORIC PROPERTIES IN THE DIRECT APE

As discussed previously, any site that can be avoided will be avoided, through the establishment of a 500-foot-diameter buffer and drop-in monitoring program. AGDC will determine the feasibility of site avoidance in consultation with pipeline engineers within 6 months of the FID and include a listing of historic properties proposed for avoidance in the Data Gap Analysis (see Section 6.2).

Until the specific properties that can be avoided are identified, AGDC will plan to implement minimization and mitigation as identified in the following table (Table 7. Mitigation Recommendations for Historic Properties in the Direct APE). It is important to note that recommendations for mitigation depend largely on the Historic Property type (e.g. prehistoric surface lithic scatter) and the nature of project effects to the property. Consequently, a discussion of some of these property types and the details on mitigation strategies and necessary actions for each is presented following Table 7, in Section 8.5.

For each historic property to be mitigated, AGDC will prepare a site treatment plan detailing proposed mitigation methods, research questions and design (if applicable), schedule for completion, curation agreements, and deliverables (reports, publications, etc.). As with survey, the anticipated curatorial facility is the University of Alaska Museum of the North, however artifacts and any burial remains associated with Kenaitze Dena'ina people will be returned to the Kenaitze Tribe. AGDC will submit site treatment plans to the USACE for distribution to PA Parties for review and comment. To the extent possible, AGDC will combine site treatment plans into a single document annually, for ease of review. PA Parties shall have 30 days to provide comment; AGDC will address comments within 30 days of the end of the comment period, or as negotiated. If no comments are received within the 30 day comment period, AGDC will consider the site treatment plans accepted and complete. Accepted Site Treatment Plans will be incorporated into the RPCAs, to support the USACE regional project component finding of effect. Construction will not be initiated for a regional project component until SHPO has concurred with the USACE regional project component finding of effect and the stipulated conditions of the concurrence have been met.

For all historic properties where data recovery is recommended, AGDC will consider the feasibility of community archaeology, field schools and other public archaeology opportunities that allow for greater involvement by Alaskans in the investigation and stewardship of archaeological resources.

Table 7. Mitigation Recommendations for Historic Properties in the Direct APE

Region	AHRS No. and Site Name	Nature of Resource	Appendix C Mapbook Page	NRHP Status	Proposed Mitigation
Northern Region	SAG-00097 DALTON HWY (MP 1 TO 414)	Historic Road	Multiple	Treated as Eligible	Additional consultation needed with DOT&PF to determine effect and appropriate minimization or mitigation measures
Northern Region	SAG-00109	Prehistoric subsurface features and artifacts, Limited previous excavation and/or testing	12	Eligible	Data recovery
Northern Region	PSM-00197	Prehistoric subsurface and surface features and artifacts, previously excavated and/or extensively tested	15	Eligible	See Gallagher Flint Station Mitigation Discussion (8.5.3.1)
Northern Region	PSM-00601	Prehistoric subsurface and surface features and artifacts, previously excavated and/or extensively tested	15	Eligible	See Gallagher Flint Station Mitigation Discussion (8.5.3.1)
Northern Region	PSM-00050 GALLAGHER FLINT STATION ARCHEOLOGICAL SITE	National Historic Landmark Multi-loci, Stratified prehistoric subsurface features and artifacts, extensive previous excavation	15	National Historic Landmark	See Gallagher Flint Station Mitigation Discussion (8.5.3.1)
Northern Region	PSM-00596	Prehistoric subsurface lithic artifacts, previously excavated and/or extensively tested	15	Eligible	See Gallagher Flint Station Mitigation Discussion (8.5.3.1)
Northern Region	PSM-00572	Prehistoric surface and subsurface lithic artifacts, previously excavated and/or extensively tested	15	Eligible	See Gallagher Flint Station Mitigation Discussion (8.5.3.1)
Northern Region	PSM-00573	Prehistoric surface and subsurface lithic artifacts, previously excavated and/or extensively tested	15	Eligible	See Gallagher Flint Station Mitigation Discussion (8.5.3.1)

Region	AHRS No. and Site Name	Nature of Resource	Appendix C Mapbook Page	NRHP Status	Proposed Mitigation
Northern Region	PSM-00605	Prehistoric surface and subsurface lithic artifacts, previously excavated and/or extensively tested	15	Eligible	See Gallagher Flint Station Mitigation Discussion (8.5.3.1)
Northern Region	PSM-00604	Prehistoric surface and subsurface lithic artifacts, limited previous excavation and/or testing	15	Eligible	Data recovery
Northern Region	PSM-00570 DALTON HWY (MP 1 TO 414)	Historic Road	Multiple	Treated as Eligible	Additional consultation needed with DOT&PF to determine effect and appropriate minimization or mitigation measures
Northern Region	PSM-00607	Prehistoric surface and subsurface lithic artifacts, limited previous excavation and/or testing	18	Eligible	Data recovery
Northern Region	PSM-00076 ATIGUN II	Prehistoric surface artifacts, previously excavated and/or extensively tested	18	Eligible	See Galbraith Lake Area Discussion (8.5.3.2)
Northern Region	PSM-00075 ATIGUN III (BRIDGE SITE)	Prehistoric surface artifacts, previously excavated and/or extensively tested	18	Eligible	See Galbraith Lake Area Discussion (8.5.3.2)
Northern Region	PSM-00049 MOSQUITO LAKE ARCHAEOLOGICAL SITE	Multi-loci, Prehistoric surface and subsurface features and artifacts, previously excavated and/or tested	18	Eligible	See Galbraith Lake Area Discussion (8.5.3.2)
Northern Region	PSM-00192	Multi-loci, Prehistoric surface and subsurface features and artifacts, previously excavated and/or tested	18	Eligible	See Galbraith Lake Area Discussion (8.5.3.2)
Northern Region	PSM-00501	Prehistoric subsurface lithic artifact, previously excavated and/or tested	19	Eligible	See Galbraith Lake Area Discussion (8.5.3.2)

Region	AHRS No. and Site Name	Nature of Resource	Appendix C Mapbook Page	NRHP Status	Proposed Mitigation
Northern Region	PSM-00498	Prehistoric surface and subsurface lithic artifacts, previously excavated and/or extensively tested	19	Eligible	See Galbraith Lake Area Discussion (8.5.3.2)
Northern Region	PSM-00578	Prehistoric subsurface lithic artifacts, previously excavated and/or extensively tested	19	Eligible	See Galbraith Lake Area Discussion (8.5.3.2)
Northern Region	PSM-00588	Prehistoric subsurface lithic artifacts, previously excavated and/or extensively tested	20	Eligible	Data recovery - spatial analysis and analysis of collected material
Northern Region	CHN-00077	Prehistoric surface and subsurface lithic artifacts, previously excavated and/or extensively tested	25	Eligible	Data recovery- spatial analysis and analysis of collected material
Northern Region	CHN-00124	Prehistoric subsurface lithic artifacts, limited previous excavation and/or testing	25	Eligible	Data recovery
Northern Region	CHN-00070 DALTON HWY (MP 1 TO 414)	Historic road	Multiple	Eligible	Additional consultation needed with DOT&PF to determine effect and appropriate minimization or mitigation measures
Northern Region	CHN-00025	Historic surface can scatter, well-documented	26	Eligible as Contributing	Data recovery
Northern Region	CHN-00018	Historic camp and can scatter, well-documented	26	Eligible	Data recovery
Northern Region	CHN-00125	Historic surface and partially buried artifact and feature scatter, well-documented	26	Eligible	Data recovery
Northern Region	WIS-00437	Prehistoric subsurface lithic artifacts, limited previous excavation and/or testing	28	Eligible	Data Recovery

Region	AHRS No. and Site Name	Nature of Resource	Appendix C Mapbook Page	NRHP Status	Proposed Mitigation
Northern Region	WIS-00048 DALTON HWY (MP 1 TO 414)	Historic road	Multiple	Treated as Eligible	Additional consultation needed with DOT&PF to determine effect and appropriate minimization or mitigation measures
Northern Region	WIS-00288	Prehistoric subsurface features and artifacts, previously excavated and/or extensively tested	30	Eligible	Data recovery- spatial analysis and analysis of collected material
Northern Region	WIS-00413	Prehistoric subsurface lithic artifact, previously excavated and/or tested	30	Eligible	No mitigation recommended, site has been extensively tested and only produced a single flake, which was collected.
Northern Region	WIS-00436	Prehistoric subsurface features and artifacts, limited previous excavation and/or testing	30	Eligible	Data recovery
Interior Region	BET-00055	Prehistoric surface and subsurface features and artifacts, limited previous excavation and/or testing	32	Eligible	Data recovery
Interior Region	BET-00202	Prehistoric surface and subsurface lithic artifacts, some previous excavation and/or testing but boundaries of site are unclear	33	Eligible	Data recovery
Interior Region	BET-00213	Prehistoric subsurface lithic artifacts, previously excavated and/or extensively tested	34	Eligible	Data recovery- spatial analysis and analysis of collected material
Interior Region	BET-00081	Prehistoric surface and subsurface lithic artifacts, previously excavated and/or extensively tested	34	Eligible	Data recovery- spatial analysis and analysis of collected material

Region	AHRS No. and Site Name	Nature of Resource	Appendix C Mapbook Page	NRHP Status	Proposed Mitigation
Interior Region	BET-00206	Prehistoric surface and subsurface lithic artifacts, previously excavated and/or extensively tested	34	Eligible	Data recovery- spatial analysis and analysis of collected material
Interior Region	BET-00074 VICK ROCK-SHELTER	Prehistoric rock shelter	35	Eligible	Additional consultation with PA Parties needed. This is a unique site that has been extensively excavated and disturbed by looting.
Interior Region	BET-00250	Prehistoric surface lithic artifacts	36	Eligible	Data recovery- spatial analysis and analysis of collected material
Interior Region	BET-00200 DALTON HWY (MP 1 TO 414)	Historic road	Multiple	Treated as Eligible	Additional consultation needed with DOT&PF to determine effect and appropriate minimization or mitigation measures
Interior Region	TAN-00118 DALTON HWY (MP 1 TO 414)	Historic road	Multiple	Treated as Eligible	Additional consultation needed with DOT&PF to determine effect and appropriate minimization or mitigation measures
Interior Region	LIV-00501 DALTON HWY (MP 1 TO 414)	Historic road	Multiple	Treated as Eligible	Additional consultation needed with DOT&PF to determine effect and appropriate minimization or mitigation measures
Interior Region	LIV-00726	Prehistoric subsurface features and artifacts, previously excavated and/or extensively tested	43 and 44	Eligible	Data recovery- spatial analysis and analysis of collected material
Interior Region	LIV-00055 JUSWON	Prehistoric surface and subsurface lithic artifacts, previously excavated and/or extensively tested	45	Eligible	AGDC will conduct field visit to determine data recovery method (excavation of undisturbed portion of site and/or analysis of previously collected materials)
Interior Region	LIV-00553	Prehistoric surface and subsurface lithic artifacts, previously excavated and/or extensively tested	46	Eligible	Data recovery- spatial analysis and analysis of collected material

Region	AHRS No. and Site Name	Nature of Resource	Appendix C Mapbook Page	NRHP Status	Proposed Mitigation
Interior Region	LIV-00104	Prehistoric surface and subsurface features and artifacts, some previous excavation and/or testing	46	Eligible	AGDC will conduct field visit to determine data recovery method (excavation of undisturbed portion of site and/or analysis of previously collected materials)
Interior Region	LIV-00047 TOLOVANA 10	Prehistoric surface and subsurface lithic artifacts, previously excavated and/or extensively tested	46	Eligible	AGDC will conduct field visit to determine data recovery method (excavation of undisturbed portion of site and/or analysis of previously collected materials)
Interior Region	LIV-00106	Prehistoric surface and subsurface lithic artifacts, some previous excavation and/or testing but boundaries of site are unclear	46	Eligible as Contributing	Data recovery
Interior Region	LIV-00284 ROSEBUD KNOB ARCHAEOLOGICAL DISTRICT	Prehistoric Archaeological District	46	Eligible	Data recovery- spatial analysis of sites within District and analysis of collected material from sites within District
Interior Region	LIV-00402	Prehistoric surface lithic artifacts, previous excavation and/or extensive testing	46	Eligible	Data recovery- spatial analysis of sites within District and analysis of collected material from sites within District
Interior Region	LIV-00749	Prehistoric subsurface lithic artifacts, previous excavation and/or extensive testing	47	Eligible	Data recovery- spatial analysis and analysis of collected material
Interior Region	LIV-00778	Prehistoric subsurface lithic artifacts, previous excavation and/or extensive testing	47	Eligible	This site can likely be avoided
Interior Region	LIV-00748	Prehistoric subsurface lithic artifacts, previous excavation and/or extensive testing	49	Eligible	Data recovery- spatial analysis and analysis of collected material

Region	AHRS No. and Site Name	Nature of Resource	Appendix C Mapbook Page	NRHP Status	Proposed Mitigation
Interior Region	LIV-00556 DUNBAR-BROOKS TERMINAL TRAIL (SEE ALSO FAI-02102)	Historic trail	Multiple	Eligible	Minimize effects through vegetation and existing trail condition maintenance, schedule of construction activities during period of low use
Interior Region	LIV-00776	Prehistoric subsurface lithic artifacts, limited previous excavation and/or testing	50	Eligible	Data recovery
Interior Region	FAI-02177 DUNBAR-MINTO-TOLOVANA TRAIL	Historic trail	Multiple	Eligible	Minimize effects through vegetation and existing trail condition maintenance, schedule of construction activities during period of low use
Interior Region	FAI-02102 DUNBAR-BROOKS TERMINAL TRAIL (SEE ALSO LIV-00556)	Historic trail	54	Eligible	Minimize effects through vegetation and existing trail condition maintenance, schedule of construction activities during period of low use
Interior Region	FAI-02390	Historic Lower Tanana Athabascan dwelling, tested and well-documented	62	Eligible	Archival research and development of historic context for Lower Tanana settlement during this period
Interior Region	FAI-2366 NENANA KANTISHNA TRAIL SEGMENT RS2477 346 (NENANA-KNIGHTS ROADHOUSE TRAIL, ARC ROUTE 46C)	Historic trail	Multiple	Eligible	Minimize effects through vegetation and existing trail condition maintenance, schedule of construction activities during period of low use
Interior Region	FAI-02386	Historic surface features and artifacts	65	Eligible	Data recovery

Region	AHRS No. and Site Name	Nature of Resource	Appendix C Mapbook Page	NRHP Status	Proposed Mitigation
Interior Region	HEA-00595	Prehistoric subsurface artifacts, some excavation and/or testing	68	Eligible	Data recovery including testing for deeply buried deposits, consideration of field school or community archaeology project
Interior Region	HEA-00062 Nenana River Gorge Site	Multicomponent site with prehistoric artifacts and features and historic railroad related artifacts, potentially destroyed by erosion and construction	69	Eligible	AGDC will conduct field visit to determine data recovery method (excavation of undisturbed portion of site and/or analysis of previously collected materials)
Interior Region	HEA-00662	Prehistoric subsurface lithic artifacts	69	Eligible	Data Recovery
Interior Region	HEA-00658	Prehistoric subsurface lithic and faunal artifacts, previous excavation and/or extensive testing	70	Eligible	Data recovery- spatial analysis and analysis of collected material
Southcentral Region	HEA-00450 DENALI HWY (MP 1 TO 134.5)	Historic road	72	Treated as Eligible	Additional consultation needed with DOT&PF to determine effect and appropriate minimization or mitigation measures
Southcentral Region	HEA-00066 BROAD PASS	Historic railroad camp, site has potential for extensive historic archaeological deposits yet no subsurface testing appears to have occurred	75	Eligible	Data recovery
Southcentral Region	TLM-00327	Prehistoric subsurface lithic artifacts, limited previous excavation and/or testing	79	Eligible	Data recovery

Region	AHRS No. and Site Name	Nature of Resource	Appendix C Mapbook Page	NRHP Status	Proposed Mitigation
Southcentral Region	TAL-00180	Historic surface features and artifacts, site has potential for buried historic artifacts yet appears to have not been tested for subsurface artifacts/deposits	81	Eligible	Data recovery
Southcentral Region	TAL-00181 SAWMILL CREEK CABIN	Historic log cabin	84	Eligible	HABS level documentation of the cabin, testing and data recovery of surface and subsurface historic features
Southcentral Region	TYO-00228 USGS BASE MAP WINTER TRAIL 1	Historic trail	92	Eligible	Minimize effects through vegetation and existing trail condition maintenance, providing continuity of access and scheduling of construction activities during period of low use
Southcentral Region	TYO-00084 KNIK-RAINY PASS TRAIL (IDITAROD NATIONAL HISTORIC TRIAL - PRIMARY TRAIL)	Historic trail	92	Eligible	Minimize effects through vegetation and existing trail condition maintenance, providing continuity of access and scheduling of construction activities during period of low use
Southcentral Region	TYO-00224 IDITAROD SLED DOG RACE TRAIL	Historic trail	92	Eligible	Minimize effects through vegetation and existing trail condition maintenance, providing continuity of access and scheduling of construction activities during period of low use

8.5 SPECIAL CONSIDERATION FOR MITIGATION OF CERTAIN SITE TYPES IN THE DIRECT APE

8.5.1 Prehistoric Surface Lithic Scatters

A number of historic properties are prehistoric surface lithic scatters where lithic materials were observed on and, in many cases collected from, the site's surface or root mat. Subsurface testing at these sites generally revealed few buried artifacts or materials.

The significance of these sites is in their potential to provide information important to prehistory (NRHP Criterion D); thus data recovery is the recommended mitigation. Because of the surficial nature of these sites and the previous collection that has occurred, data recovery potential at the site itself is limited. Instead, data recovery for these sites should focus on the spatial analysis of the location of these lithic scatters in combination with laboratory analysis of the previously collected materials.

8.5.2 Prehistoric Surface and Subsurface Lithic Deposits

Historic properties comprised of surface and subsurface lithic deposits are also significant in their potential to provide information important to prehistory (NRHP Criterion D) and data recovery is the recommended mitigation. Because of the surficial and buried nature of these sites and the previous collection that has occurred, data recovery potential at these sites is more varied and may include spatial analysis, excavation, and/or laboratory analysis of previously collected materials.

Much of the collected material from excavations and testing of sites located within the APE is housed at the UA Museum of the North. AGDC recommends that site treatment plans for data recovery involving analysis of previously collected materials consider the hiring and training of high-school and/or undergraduate-level interns to assist analysis, to provide exposure to and training in cultural resources lab techniques.

8.5.3 Previously Excavated or Extensively Tested Prehistoric Surface and Subsurface Sites

A number of sites in the direct APE were excavated in the 1970s and 1980s in association with archaeological investigations that occurred for the construction of TAPS. Additionally, many of the other prehistoric sites in the Northern and Interior regions were extensively tested during archaeological survey for the Alaska LNG Project.

At these types of sites, the data recovery potential may be limited, due to disturbance and destruction associated with previous excavation, testing and collection. Therefore, data recovery in the form of spatial analysis and/or laboratory analysis of previously collected materials is recommended, or alternative mitigation is recommended as discussed in the following sections.

Much of the collected material from excavations and testing of sites located within the APE is housed at the UA Museum of the North. AGDC recommends that site treatment plans for data

recovery involving analysis of previously collected materials consider the hiring and training of high-school and/or undergraduate-level interns to assist analysis, to provide exposure to and training in cultural resources lab techniques.

8.5.3.1 Gallagher Flint Station and Nearby Sites

As noted previously, the Gallagher Flint Station (PSM-00050) is a National Historic Landmark and multi-loci, multi-component site that has yielded cultural material dating back as far as 10,500 B.P.; it is situated within a cluster of more than 75 documented prehistoric archaeological sites. AHRs records indicate Gallagher Flint Station was excavated in the 1970s, however estimates by the BLM (Bowers 1983) suggest only 30-40 percent of the site has been excavated. The previous excavation was concentrated on the south side of the site, and to a lesser extent, the east side of the site. A 1997 assessment (Ferguson 1997) as well as photos taken by NPS in 2014, suggest the portion of the site through which the proposed pipeline route passes (north and west sides of the NHL) are in good condition and relatively undisturbed by testing or excavation.

A number of other documented multi-loci surface lithic scatters and multi-component sites are located within the direct APE, in vicinity of Gallagher Flint Station. These are PSM-00197, PSM-00601, PSM-00607, PSM-005976, PSM-00572, PSM-00573, PSM-00605, and PSM-00604. Most of these sites received intensive field testing consisting of excavation of 10 to 50 50-cm-square shovel test pits, per site, during survey for the Alaska LNG project. These previous excavations and intensive testing have reduced the data recovery potential for these sites.

Within one year of the execution of the PA, or as negotiated, AGDC will conduct a field investigation, in cooperation with the BLM and NPS, to determine if the portion of the Gallagher Flint Station that will be disturbed by construction of the project has been previously excavated or is undisturbed. If undisturbed, within six months of the field visit, AGDC will consult with the PA Parties and NPS regarding the suitability of conducting a field school to excavate the Gallagher Flint Station and further test a selection of the afore-mentioned nearby sites within the direct APE. Any mitigation consultation involving excavation of Gallagher Flint Station will also consider the production of a publication for public distribution discussing the archaeology of the NHL.

If disturbed, within six months of the field visit, AGDC will consult with the PA Parties regarding the suitability of either: 1). conducting a spatial analysis of the concentration of existing documented sites in the vicinity of the Gallagher Flint Station and preparing an archaeological district description, discrete boundary demarcation and NRHP- nomination, or; 2). preparing a professionally designed and printed publication suitable for public distribution summarizing the archaeology of the Gallagher Flint Station and surrounding area. The publication would be similar in quality to publications produced by the NPS and Bureau of Indian Affairs (BIA), such as *The Penguq Site in Alaska Peninsula Prehistory* (Saltonstall et. al. 2012).

8.5.3.2 Galbraith Lake Area Sites

As noted previously, Galbraith Lake hosts a concentration of over 150 prehistoric archaeological sites, nine of which are historic properties located within the direct APE. These sites include PSM-

00607, PSM-00076, PSM-00075, PSM-00049, PSM-00192, PSM-00501, PSM-00498, PSM-00578 and PSM-00588. AHRs records indicate these sites were identified as a result of TAPS, APP, and Alaska LNG surveys.

The most extensively tested and excavated site in the area is Mosquito Lake (PSM-00049), though both BLM and Alaska LNG survey at Mosquito Lake observed cultural materials on the surface of the site, suggesting undisturbed areas of the site may remain. At the other afore-mentioned sites within the direct APE near Galbraith Lake, intensive field testing consisting of the excavation of 20 to 60 shovel test pits, and in some cases, 1-m x 1-m-square units, has occurred, again reducing the data recovery potential for these sites.

In lieu of data recovery at these sites, AGDC recommends spatial analysis of the concentration of existing documented sites near Galbraith Lake and updating documentation, evaluation and nomination of PSM-00204 (Atigun Archaeological District) for listing in the NRHP. In addition to meeting standards and guidelines for the evaluation and nomination of historic properties to the NRHP, the update for PSM-00204 will include a robust context and chronology for sites within the Galbraith Lake Area, the creation of registration criteria for evaluating the contribution status of sites within the District, and the delineation of a defensible District boundary.

8.5.4 Dena'ina Related Sites

There are currently no NRHP-eligible sites associated with the Dena'ina within the direct APE, however unevaluated Dena'ina related sites are within the direct APE and based on discussions with the Knik Tribe, there are likely undocumented, significant sites within the direct APE in the area of Redshirt and Cow Lakes, and Fish Creek.

In consultation for development of the PA, the Knik Tribe has proposed mitigation for Dena'ina related sites involving the documentation and transcription of existing Shem Pete recordings collected by James Kari and the comprehensive ethnographic review and analysis of existing published materials, data, and reports from other projects and programmatic agreements in southcentral Alaska.

As NRHP-eligible Dena'ina related sites are identified in future project survey efforts, AGDC will work closely with the Knik Tribe to identify specific mitigation measures for adverse effects.

8.5.5 Historic Roads

Under the *Programmatic Agreement Regarding Alaska's Highway System Roads Affected by the Federal-Aid Highway Program* (Alaska Road PA), certain roads within the Alaska were to be considered historic properties for the purposes of Section 106. These roads have been identified as Treated-as-Eligible. While the Alaska Road PA pertains to Federal Highways Administration (FHWA) and DOT&PF federal aid projects only, it does provide general guidance on how to evaluate historic roads for significance, and what mitigation measures might be appropriate.

There are two historic roads considered Treated-as-Eligible in the direct APE, the Dalton Highway and the Denali Highway. Both Highways were evaluated for historic significance in 2014; however the significance evaluations did not address or apply NRHP integrity considerations, consequently the NRHP eligibility status for both Highways remains undetermined. A framework for assessing the NRHP eligibility of Treated-as-Eligible roads has been developed, but has not yet been accepted by DOT&PF for use in the evaluation of Treated-as-Eligible roads.

Additional consultation with DOT&PF is needed to determine the nature of the effects of the project on both the Dalton and Denali Highways, and what, if any, mitigation is appropriate. In lieu of mitigation, application of the draft framework for assessing NRHP eligibility for the Dalton Highway may be appropriate.

Prior to the initiation of ground disturbing activities in the vicinity of the Dalton and Denali Highways, the USACE will consult with DOT&PF and the PA Parties to determine if the ASAP project will adversely affect the Dalton and Denali Highways, and what avoidance, minimization and mitigation measures will be employed to address the effects.

8.5.6 Historic Trails

The direct APE for the Mainline alignments and Fairbanks Lateral crosses a number of historic trails. The significance of these trails is in their association with important historic events or patterns of events (Criterion A), specifically the sport of dog mushing and access to historic mining camps. In most cases these trails are used contemporarily by ATVs and dog mushing teams and their integrity is related to maintaining access and connectivity to destinations and other trails, and maintaining general trail conditions including width, area vegetation and existing route and configuration.

Adverse effects to historic trails are most likely to come from temporary access restrictions due to construction, and the removal and maintenance of vegetation along the buried pipeline, where it intersects the trails or is otherwise visible from the trails.

AGDC will avoid and minimize impacts to trail access by consulting with trail users prior to construction and scheduling, to the extent possible, construction activities during times of low use. Upon completion of construction activities, AGDC will return the trail crossing to its original condition, to the extent practicable. AGDC will also minimize impacts to trail conditions by maintaining vegetation consistent with existing trail characteristics during project construction.

8.6 STRATEGIES FOR AVOIDANCE, MINIMIZATION, AND MITIGATION OF HISTORIC PROPERTIES IN THE INDIRECT APE

As noted previously, historic properties within the indirect APE are most likely to be affected by long term visual, audible and atmospheric changes introduced by the construction of above-ground permanent facilities, changes to vegetation from buried project components, and increased access to areas previously not easily accessed. Consequently, strategies for avoidance, minimization and mitigation for historic properties within the indirect APE are organized by type of effect.

8.6.1 Historic Properties Sensitive to Increased Visitation

Visitation due to increased or newly available access is most likely to occur at historic properties within ¼ mile of the direct APE. While all historic properties within this range may be adversely affected, prehistoric and historic resources with surface artifacts in particular are likely to be adversely affected. AGDC will minimize effects to historic properties within the indirect APE through a long-term site monitoring program, to monitor the effects of nearby construction, operation and maintenance activities to these sites. Monitoring will involve at a minimum, a schedule of annual field visits to a sample of NRHP-eligible archaeological sites within the indirect APE to check for obvious signs of disturbance, including looting.

AGDC will prepare a Long-Term Monitoring Plan as part of the Data Gap Analysis (see Section 6.2). Review and comment of the Long-Term Monitoring Plan will follow the review and comment procedures for the Data Gap Analysis. As new historic properties are identified through annual survey and evaluation activities, AGDC will update the long-term monitoring plan. The updated Long-Term Monitoring Plans will be included with the Annual Report (PA Stipulation VI.C.).

8.6.2 Visually, Audibly and Atmospherically Sensitive Historic Properties

- consultation input needed, this section will be completed in the next revision, following the May 3rd consultation mtg-

8.6.2.1 Denali Park Road Historic District

- consultation input needed, this section will be completed in the next revision, following the May 3rd consultation mtg-

9. SUMMARY AND SCHEDULE OF CRMP REQUIRED PLANS, ACTIVITIES, AND REPORTS

Table 8. Summary and Schedule of CRMP Required Plans, Activities, and Reports

Plan or Report Title	Schedule for Completion	Responsible Party	Reviewers	Length of Comment Period	Length of Revision Period	CRMP Reference
Data Gap Analysis	Within 6 Months of the FID	AGDC	PA Parties	30 Days	30 Days	Section 6.2
Annual Survey and Evaluation Plan	Prior to May 1 of each year the PA is in effect following FID	AGDC	PA Parties for informational purposes	N/A	N/A	Section 6.3
Annual Survey and Evaluation Report	Within 6 Months of the completion of fieldwork	AGDC	PA Parties	30 Days	30 Days	Section 7.4
Avoidance and Minimization Plan	Within 6 Months of the FID	AGDC	PA Parties	30 Days	30 Days	Section 8
Cultural Resource Awareness Training Curriculum	At least 60 days prior to construction initiation	AGDC	USACE review, PA Parties for informational purposes	15 Days	15 Days	Section 8.1
Site Treatment Plans	Annually following the FID, all site treatment must be accepted and treatment activities complete prior to construction in the vicinity of the site	AGDC	PA Parties	30 Days	30 Days	Section 8.4
Regional Program Component Assessments	At least 90 days prior to desired construction commencement	AGDC	UASCE	15 Days	N/A	Section 7
Regional Program Component Findings of Effect	Within 30 days of receipt of RPCA	USACE	SHPO	30	N/A	Section 7
Long-Term Monitoring Plan	Within 6 Months of the FID (include as part of Data Gap Analysis), update annually and include in annual report	AGDC	PA Parties	30 Days	30 Days	Section 8.6.1
Gallagher Flint Station Field Visit	Within 1 year of the FID	AGDC	PA Parties	N/A	N/A	Section 8.5.3.1

10. PLAN FOR THE INADVERTENT DISCOVERY OF CULTURAL RESOURCES

Cultural resources may be encountered above ground and below ground during construction on the Project, and might include historic or prehistoric materials. In the event that previously unknown cultural resources are discovered during project activities, the following plan will be implemented. If the discovery involves human remains or cultural resources considered to be funerary objects, sacred objects or objects of cultural patrimony, the Plan for Inadvertent Discovery of Human Remains (see Section 11) should be implemented instead.

I. Stop Work

Stop work in the immediate area of the discovery, notify the Project Site Manager, leave the discovery in place, and delineate a 100-ft buffer zone of avoidance. The buffer zone should be flagged with highly visible flagging or staked with brightly colored staking placed no greater than 20 ft. apart.

Implement protection measures such as covering the cultural resource with a tarp to protect the discovery from the elements, shoring up cut banks or trench walls so that additional exposure does not occur, and making sure water will not flow through or pool in the immediate area of the discovery. These protection measures and avoidance zone should be maintained until AGDC receives formal notice that construction can resume in the area of the discovery.

II. Notify Officials

The Project Site Manager should then immediately notify the entities identified in Table 9. Contacts should be notified by telephone, with written confirmation. Notification must take place within 24 hours of discovery and should include:

- information regarding the nature and extent of the cultural resource
- photographs of the cultural resource
- narrative description of the precise location of the cultural resource
- GPS coordinates (lat/long) of the location

If a qualified archaeologist is on site when the resource is discovered, notification should include an assessment of resource's significance and integrity, and whether or not it is potentially NRHP-eligible.

USACE

(insert name/contact of appropriate USACE rep here)

AGDC

(insert name/contact of appropriate AGDC rep here)

SHPO

Judith E. Bittner, Chief/State Historic Preservation Officer (SHPO)

Phone: 907-269-8721

Fax: 907-269-8908

Email: judy.bittner@alaska.gov

Dr. Richard VanderHoek, State Archaeologist/Deputy SHPO

Phone: 907-269-8728

Fax: 907-269-8908

Email: richard.vanderhoek@alaska.gov

Land Owner

(see Table 9 to identify appropriate land owner contact)

Local Tribes and Tribes That Have Expressed An Interest in Being Notified

(need to consult with Tribes to discuss who should be contacted for which geographic areas, this will be updated in the next revision, following the May 3rd consultation mtg)

III. Evaluate and Consult on Discovery

Within seventy-two (72) hours of discovery, USACE, SHPO, AGDC and the land managing agency or landowner shall consult, by telephone or other means, on the nature of the discovery, its potential significance and whether any additional investigation is warranted.

If the USACE determines, in consultation with SHPO, AGDC and the land managing agency or landowner, that the discovery is not significant and the SHPO concurs, verbal authorization to proceed with construction activities may be given by the USACE to AGDC. USACE should provide AGDC with written confirmation of the authorization to proceed within 48 hours.

If the USACE determines that additional investigation is warranted, the discovery should be investigated by a professional meeting the appropriate qualification standards and a formal evaluation of the discovery's eligibility for listing in the NRHP should be completed per Stipulation V.A.a. of the PA. The field investigation and evaluation should be completed within ten (10) working days of the discovery. The USACE should consult with SHPO and the PA Parties on the eligibility of the discovery within seventy-two (72) hours of receipt of the evaluation, SHPO and consulting parties should provide a decision to the USACE regarding concurrence with the eligibility within five (5) days. If no response is received within five (5) days, the USACE may assume concurrence with its determination of eligibility.

If the USACE determines the discovery is not eligible, and the SHPO concurs, verbal authorization to proceed with construction activities may be given by the USACE to AGDC and the USACE should provide written confirmation of the authorization to proceed within 48 hours.

If the USACE determines the discovery is eligible and the SHPO concurs, the USACE should consult with the PA parties to determine if effects upon the discovery can be avoided or minimized sufficiently to not adversely affect the historic property or if mitigation is needed. A determination of treatment (avoidance, minimization or mitigation) should be prepared within five (5) days of concurrence with the determination of eligibility and should include a schedule for the resumption of construction work in the area of the discovery.

Table 9. ASAP Land Owner Contacts within Construction Footprint

Name	Address	Phone	Email
State Lands (except Alaska Mental Health Trust, University of Alaska, Alaska Railroad Corporation)			
For All Discoveries, Regardless of State Agency (Except as Noted Above)			
Alaska Office of History and Archaeology	550 W. 7 th Ave, Suite 1310 Anchorage, AK 99501	907-269-8721	dnr.oha@alaska.gov
Bureau of Land Management			
For Discoveries Between Pipeline MP 0-121			
BLM Arctic Field Office	1150 University Ave Fairbanks, AK 99709	1-800-437-7021	N/A
For Discoveries Between Pipeline MP 121 – 369.5, MP 397.3-420.5, MP 422.7-469.7, MP 471.7-497.7 and MP 520.7-530.8			
BLM Central Yukon Field Office Attn. Field Manager	222 University Ave Fairbanks, AK 99709	907-474-2200	N/A
For Discoveries Between Pipeline MP 369.5 to 397.3, MP 420.5 to 422.7, MP 469.7 to 471.7, MP 497.7 to 520.7 and MP 530.8 to 544			
BLM Eastern Interior Field Office Attn. Field Manager	222 University Ave Fairbanks, AK 99709	907-474-2200	N/A
For Discoveries Between Pipeline MP 544 – 705.7			
BLM Glenallen Field Office Attn. Field Manager	PO Box 147 Glennallen, AK 99588	907-822-3217	N/A
For Discoveries Between Pipeline MP 705.7 – 733.47			
BLM Anchorage Field Office Attn. Field Manager	4700 BLM Rd Anchorage, AK 99507	907-267-1246	N/A
Boroughs and Municipalities			
North Slope Borough			
IHLC Central Office Kathy Itta-Ahgeak	PO Box 69 Utqiagvik, AK 99723	907-852-0422 Or 907-852-2611	Kathy.ahgeak@north-slope.org
Fairbanks North Slope Borough			
Manager, Lands Department Sandra Mota	PO Box 71267 Fairbanks, AK 99709	907-459-1241 Or 907-459-1000	land@fnsb@us
Denali Borough			
Planning and Land Use Department Marsha Lambert	PO Box 480 Healy, AK 99743	907-683-1330	Mlambert@denaliborough.com
Matanuska-Susitna Borough			

Name	Address	Phone	Email
Eileen Probasco	350 E. Dahlia Ave. Palmer, AK 99645	907-861-8501 Or 907-861-7801	Eileen.probasco@matsugov.us
Municipality of Nenana			
Municipality Office and City of Nenana Port Authority	Municipality: PO Box 277 Nenana, AK 99760 Port Authority: PO Box 70 Nenana, AK 99730	907-832-5501 (Port Authority Only)	N/A
Alaska Native Regional Corporations			
Ahtna, Incorporated			
Land and Resources Depart- ment Joe Bovee Or Ahtna, Incorporated (General)	Land and Resources: PO Box 649 Glenallen, AK 99588 Or Ahtna, Inc. (General): 110 West 38 th Ave, Suite 100 Anchorage, AK 99503	907-822-3476 (Land and Re- sources) Or 907-868-8250 (Ahtna, Inc. General)	jbovee@ahtna-inc.com
Cook Inlet Region Inc.			
Land and Resources Depart- ment	PO Box 93330 Anchorage, AK 99509- 3330	907-263-5140 Or 907-263-5191	info@ciri.com
Doyon, Limited			
Lands and Natural Resources	1 Doyon Place, Suite 300 Fairbanks, AK 99701-2941	907-459-2030 Or 907-459-2000	lands@doyon.com
Alaska Native Village Corporations			
Toghotthele Corporation			
Chief Administrative Officer Kelly Ann Burk	PO Box 249 Nenana, AK 99760	907-832-5832	kellann@togcorp.net
Knikatnu, Incorporated			
Knikatnu lands are managed by the CIRI Land and Resources Dept., See CIRI Contact Info above			
Other			
Alaska Mental Health Trust			
Trust Land Office	2600 Cordova Street, Suite 100 Anchorage, AK 99503	907-269-8658	mhtlo@alaska.gov
University of Alaska			
Facilities and Land Manage- ment, Regional Resource Man- ager Patrick Kelly	1815 Bragaw St., Suite 101 Anchorage, AK 99508- 3438	907-786-7795 Or 907-786-7766	Pkelly1@alaska.edu
Alaska Railroad Corporation			
Corporate Planning and Real Estate	327 W. Ship Creek Ave. Anchorage, AK 99501	907-265-2448 Or 907-265-2670	RealEstTech@akrr.com

Name	Address	Phone	Email
Native Allotments (2) – Bureau of Indian Affairs			
BIA Alaska Regional Office, Realty Services	3601 C St., Suite 1100 Anchorage AK 99503-5947	907-271-4085	N/A

11. INADVERTENT DISCOVERY OF HUMAN REMAINS INADVERTENT

The treatment of human remains following inadvertent discovery is governed by state and federal laws, land status, post-mortem interval, and biological/cultural affiliation. Human remains may include intact burials or isolated bones and fragmentary bone pieces.

Several Alaska state laws are applicable to the discovery of human remains. The State Medical Examiner has jurisdiction over all human remains in the state (with rare exceptions, such as military aircraft deaths); regardless of how long the remains have been deposited. Alaska state laws governing discovery of human remains include:

AS 12.65.5, which requires immediate notification of a peace officer of the state (police, Village Public Safety Officer, or Alaska State Trooper) and the State Medical Examiner when death has “been caused by unknown or criminal means, during the commission of a crime, or by suicide, accident, or poisoning.”

AS 11.46.482(a) (3), which applies to all lands in Alaska, makes the “intentional and unauthorized destruction or removal of any human remains or the intentional disturbance of a grave” a class C felony.

AS 41.35.200, which applies only to state lands, makes the disturbance of “historic, prehistoric, and archaeological resources” (including graves, per definition) a Class A misdemeanor.

AS 18.50.250, which applies to all lands in Alaska, requires permits for transport, disinterment, and reinternment of human remains.

On Federal lands and Federal trust lands, the unauthorized destruction or removal of archaeological human remains (i.e., more than 100 years old) is a violation of 16 USC 470ee (ARPA). If human remains on federal or federal trust lands are determined to be Native American, their treatment and disposition are also governed by the Native American Graves and Repatriation Act (NAGPRA) of 1990 (PL 101-601; 25 USC 3001-30013; 104 Stat. 3048-3058; 43 CFR 10). NAGPRA also applies to the discovery of certain classes of cultural items, including funerary objects, sacred objects, and objects of cultural patrimony (together, NAGPRA items).

Per 42 CFR 10.2, the definitions of human remains and NAGPRA items are:

Human Remains means the physical remains of the body of a person of Native American ancestry. The term does not include remains or portions of remains that may reasonably be determined to have been freely given or naturally shed by the individual from whose body they were obtained, such as hair made into ropes or nets. For the purposes of determining cultural affiliation, human remains

incorporated into a funerary object, sacred object, or object of cultural patrimony, as defined below, must be considered as part of that item.

Funerary Objects means items that, as part of the death rite or ceremony of a culture, are reasonably believed to have been placed intentionally at the time of death or later with or near individual human remains. Funerary objects must be identified by a preponderance of the evidence as having been removed from a specific burial site of an individual affiliated with a particular Indian tribe or Native Hawaiian organization or as being related to specific individuals or families or to known human remains. The term burial site means any natural or prepared physical location, whether originally below, on, or above the surface of the earth, into which as part of the death rite or ceremony of a culture, individual human remains were deposited, and includes rock cairns or pyres which do not fall within the ordinary definition of gravesite.

Sacred Objects means items that are specific ceremonial objects needed by traditional Native American religious leaders for the practice of traditional Native American religions by their present-day adherents. While many items, from ancient pottery sherds to arrowheads, might be imbued with sacredness in the eyes of an individual, these regulations are specifically limited to objects that were devoted to a traditional Native American religious ceremony or ritual and which have religious significance or function in the continued observance or renewal of such ceremony.

Objects of Cultural Patrimony means items having ongoing historical, traditional, or cultural importance central to the Indian tribe...rather than property owned by an individual tribal or organization member. These objects are of such central importance that they may not be alienated, appropriated, or conveyed by any individual tribal or organization member. Such objects must have been considered inalienable by the culturally affiliated Indian tribe...at the time the object was separated from the group. Objects of cultural patrimony include items such as Zuni War Gods, the Confederacy Wampum Belts of the Iroquois, and other objects of similar character and significance to the Indian tribe...as a whole.

11.1 PLAN FOR THE INADVERTENT DISCOVERY AND TREATMENT OF HUMAN REMAINS, FUNERARY OBJECTS, SACRED OBJECTS, SACRED OBJECTS, AND OBJECTS OF CULTURAL PATRIMONY

In the event that human remains or NAGPRA items are inadvertently discovered, the following plan will be implemented, regardless of land ownership.

I. Stop Work

Stop work in the immediate area of the discovery, notify the Project Site Manager, leave the discovery in place, and delineate a 100-ft buffer zone of avoidance. The buffer zone should be flagged

with highly visible flagging or staked with brightly colored staking placed no greater than 20 ft. apart.

Treat all remains with dignity and respect at all times. Implement protection measures such as covering the remains with a tarp to protect the discovery from the elements and photographs, shoring up cut banks or trench walls so that additional exposure does not occur, and making sure water will not flow through or pool in the immediate area of the discovery. These protection measures and avoidance zone should be maintained until AGDC receives formal notice that construction can resume in the area of the discovery.

II. Notify Officials

Once the remains are secure, the Project Site Manager should immediately notify the following contacts, in the order listed. Contacts should be notified by telephone, with written confirmation. Notification must take place within 24 hours of discovery and should include:

- information regarding the nature and extent of the discovery
- photographs of the discovery (*note to reviewers: need consultation and guidance from pa parties, in particular tribes, as to appropriateness/necessity of photographs for the purpose of notification*)
- narrative description of the precise location of the discovery
- GPS coordinates (lat/long) of the location of the discovery

If a qualified archaeologist is on site when the remains are discovered, notification should include an assessment of whether or not the remains are archaeological in nature.

Alaska State Troopers, Missing Persons Bureau

Phone: 907-269-5477

Fax: 907-338-7243

*Sgt, Kid Chan

Phone: 907-269-5058

Email: choong.chan@alaska.gov

*Stephanie Johnson

Phone: 907-269-5497

Email: steph.johnson@alaska.gov

*After contact by phone, send email with relevant information and photos to Sgt. Chan and Stephanie Johnson

Alaska State Medical Examiner's Office

Reporting Hotline (Death Hotline) to speak with on-duty investigator

Phone: 907-334-2356 or 1-888-332-3273 (Outside Anchorage)

Stephen Hoage Operations Administrator
Phone: 907-334-2202
Fax: 907-334-2216
Email: Stephen.Hoage@alaska.gov

Dr. Gary Zientek, Chief Medical Examiner
Phone: 907-334-2200
Phone: 907-334-2216
Email: gary.zientek@alaska.gov

Landowner

See Table 9 for landowner contact information

AGDC

(insert name/contact here)

USACE

(insert name/contact of appropriate USACE rep here)

Alaska Office of History and Archaeology (State Historic Preservation Officer)

Judith E. Bittner, Chief/State Historic Preservation Officer (SHPO)
Phone: 907-269-8721
Fax: 907-269-8908
Email: judy.bittner@alaska.gov

Dr. Richard VanderHoek, State Archaeologist/Deputy SHPO
Phone: 907-269-8728
Fax: 907-269-8908
Email: richard.vanderhoek@alaska.gov

Local Tribes and Tribes Likely to Be Culturally Affiliated with the Discovery

(need to consult with Tribes to discuss who should be contacted for which geographic areas, this will be updated in the next revision, following the May 3rd consultation mtg)

III. Determine Need for Forensic or Criminal Investigation

If the remains appear to be recent (less than 50 years old), the peace officer and Medical Examiner will determine whether the remains are of a forensic nature and/or subject to criminal investigation.

If the peace officer and Medical Examiner determine the remains are historic or archaeological in nature, a qualified professional physical anthropologist with experience in the analysis of human remains will examine them to determine racial identity. Analysis techniques will be non-invasive

and non-destructive, and throughout analysis the remains will be treated with respect and dignity. The physical anthropologist shall be afforded no more than 30 days to complete their analysis.

IV. Determine Need for Plan of Action and Consult on Treatment, Custody and Disposition

If the remains or NAGPRA items are determined to be Native American and the discovery is located on federal land², the federal land managing agency will consult with known lineal descendants and Tribes likely to be culturally affiliated with the discovery, and determine the need for a Plan of Action for custody, disposition and treatment (including any removal or excavation) of the human remains or NAGPRA items. Consultation will follow regulations laid out in 42 CFR 10.5, and the Plan of Action will be prepared per regulations laid out in 42 CFR 10.4. Construction may resume when a written, binding Plan of Action is executed between the federal land managing agency and the affiliated Tribes.

If the remains or NAGPRA items are determined to be Native American and the discovery is located on non-federal land, the landowner with support from AGDC, will consult with the Alaska SHPO, USACE, and Local and potentially affiliated Tribes regarding treatment and handling of the discovery. The procedures for treatment and handling of the discovery will be outlined in a binding Memorandum of Agreement (MOA). If the remains are to be removed or moved, the landowner, with support from AGDC will acquire the appropriate permit (disinterment or burial transit) from the Alaska Bureau of Vital Statistics, prior to any exhumation or transport activity. Construction may resume when the MOA has been executed.

If the remains are not Native Alaska, and a determination has been made by the peace officer and Medical Examiner that a death investigation is not warranted, the landowner, with support from AGDC, will attempt to identify, locate and inform descendants of the deceased. If the remains are to be removed or moved, the landowner, with support from AGDC will acquire the appropriate permit (disinterment or burial transit) from the Alaska Bureau of Vital Statistics, prior to any exhumation or transport activity. Construction may resume when the remains have been exhumed or otherwise reinterred.

Alaska Bureau of Vital Statistics

Heidi Lengdorfer, chief

Phone: 907-465-8643

Email Heidi.lengdorfer@alaska.gov

For questions regarding disinterment permits or burial transit permits:

Margo Meyer

² If lands are selected by, but not conveyed to, an Alaska Native Corporation or group, such land is still owned by the Federal government and considered to be "federal land."

Phone: 907-465-8610

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12. GENERAL MONITORING PROCEDURES

To avoid and minimize effects to historic properties, archaeological monitoring may be implemented when ground disturbing project activities need to occur in close proximity to known archaeological sites, or in areas where previous cultural resource investigation may not have occurred. Monitoring is defined as active observation of earth-moving or other work that could adversely affect historic properties within the APE. Monitoring activities, to be conducted by qualified archaeologists, may include observation, data recording, photography, ancillary special studies, and production of a written report that meets professional archaeological standards.

The specific locations for archaeological monitoring will be identified and consulted on during the development of site treatment plans, and in the assessment of effect process (see Section 7) and specific monitoring plans will be developed for each set of project components in each region during that process. However, the following general monitoring procedures will be adhered to during all monitoring activities.

12.1 REGIONAL PROJECT COMPONENT MONITORING PLAN CONTENTS

For each RPCA, a monitoring plan will be completed. The RPCA monitoring plan will delineate the locations wherein construction must be monitored by a qualified archaeologist, the type of activities that will be monitored, how and when monitoring will occur (one monitor per earth moving machine for example), the type(s) of cultural material that may be encountered during construction in that area, and the specific stipulations and thresholds for stopping construction, protecting the resource, notification, consultation, evaluation and resuming work. The RPCA monitoring plans will be developed in consultation with Tribes, and endeavor to involve Tribal Liaisons in monitoring activities.

12.2 PRE-CONSTRUCTION MEETING

All Archaeologist Monitors shall attend the pre-construction meeting for the regional project component; the meeting shall be held prior to the commencement of any ground disturbing activity associated with construction of the regional project component. The pre-construction meeting shall also be attended by the Project Site Manager, crew supervisors, and contractors. The corresponding land owner and any Tribal Liaisons participating in the monitoring shall also be invited to attend. The Project Site Manager, in cooperation with the lead Archaeologist Monitor, will present the boundaries of the area to be monitored, and explain the monitoring procedures and stop work authorities to the meeting attendees.

12.3 PROFESSIONAL QUALIFICATIONS

Unless otherwise discussed in the RPCA monitoring plan, all archaeologist monitors must meet the Secretary of the Interior's Professional Qualifications Standards for Archaeology (36 CFR Part 61) and have a minimum of 6 months archaeology experience in Alaska.

12.4 CONTRACTOR TRAINING

The contractor cultural resource awareness training (see Section 8.1) shall include curriculum about what to expect during construction monitoring, and how to implement the stop work, protection measures, and notification procedures of a monitoring plan.

12.5 STOP WORK, NOTIFICATION, CONSULTATION, AND EVALUATION PROCEDURES

The Archaeologist Monitor will have the authority to temporarily halt construction with 100 ft. of observed cultural resources. If archaeological resources, as defined in the RPCA monitoring plan, are encountered during construction

- I. All work must halt in the vicinity of the find; and
- II. Unless otherwise directed in the RPCA monitoring plan, the Archaeologist Monitor will immediately implement the provisions of the Plan for the Inadvertent Discovery of Cultural Resources (see Section 10).
- III. Construction in the area of the discovery may resume upon successful completion of the evaluation procedures identified in the RPCA monitoring plan or upon successful completion of the consultation and evaluation procedures delineated in the Plan for the Inadvertent Discovery of Cultural Resources (see Section 10).

12.6 RECORD-KEEPING AND REPORTING

The RPCA monitoring plan will identify the process for daily and monthly record-keeping of monitoring observations, including a format for tracking work stoppage (work stoppage log).

The results of monitoring for each RPCA will be documented in a report to the PA Parties, to be completed within three (3) months of the completion of monitoring activities. AGDC will submit the report to the USACE for distribution to PA Parties. PA Parties will have 30 days to review and provide comment. AGDC will address comments and revise the report within 30 days of the closure of the comment period, or as negotiated. If no comments are received within the 30 day review period, the RPCA monitoring report will be considered complete

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