

ALASKA LNG PROJECT	DOCKET NO. CP17-___-000 RESOURCE REPORT No. 10 APPENDIX A – DATABASES EVALUATED FOR LNG FACILITIES SITING ALTERNATIVES	Doc No: USAI-PE-SRREG-00- 000010-000 DATE: APRIL 14, 2017 REVISION: 0
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**APPENDIX A DATABASES EVALUATED FOR LNG FACILITIES
SITING ALTERNATIVES**

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Appendix A				
Datasets Included in the Analysis				
Dataset	Layer Name	Description	Source	Date Acquired
Aerial Imagery	N/A	Current available imagery in the Project area.	Aerometric/Earth Resources Survey Satellite (ERSS), Kenai Peninsula Borough (KPB) Geographic Information System (GIS) Dept., Quantum Spatial, Esri, DigitalGlobe, GeoEye, U.S. Geological Survey (USGS)	2008–2014
Aquatic life	Anadromous Streams	Anadromous Waters Catalog data are used to specify the water bodies referred to in AS 16.05.871 for the protection of waters important for the spawning, rearing, or migration of anadromous fish.	Alaska Department of Fish and Game (ADF&G)	4/24/2012
	Cook Inlet Beluga Whales Critical Habitat	This layer shows the critical habitat of beluga whales in Cook Inlet, Southcentral Alaska.	National Oceanic and Atmospheric Administration (NOAA) Fisheries, National Maine Fisheries Service (NMFS), Alaska Regional Office	2/24/2015
	Critical Habitat	These data identify, in general, the areas where final critical habitat exist for species listed as endangered or threatened.	Unites States Fish and Wildlife Service (USFWS)	3/19/2015
Bathymetry	Bathymetry (Depth)	Coastal bathymetric depth, measured in meters at depth	National Oceanic and Atmospheric Administration (NOAA)	10/30/2013
	Bathymetry (Depth)	Study Area Bathymetry	Applicant's Internal Database	
Contaminated Sites	Alaska Department of Environmental Conservation (ADEC) Contaminated Sites	This data set was created for ADEC and public access to location, status, and database information on contaminated sites.	ADEC	2/6/2015
	ADEC Solid Waste Sites	This layer was created by the ADEC Solid Waste Program to assist the public identify solid waste sites in the State of Alaska.	ADEC	3/25/2015
	United States Army Corps of Engineers (USACE) Formerly Used Defense Sites (FUDS)	The FUDS Public GIS dataset	USACE	2/6/2015
	ADEC Leaking Underground Storage Tanks (LUST) Sites	This data set includes all of the LUST that are currently under active management, closed, or closed with institutional controls.	ADEC	2/6/2015
Digital Elevation Model (DEM)	DEMs	Topographic elevation	Applicant's Internal Database	

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Geotechnical	Fault Lines	Pre-Quaternary Faults and Pre-Quaternary Concealed Faults in Alaska for representation of Coal Geology, Resources, and Coalbed Methane Potential.	USGS	6/18/2012
Hydrography	Streams	The National Hydrography Dataset (NHD) is a feature-based database that interconnects and uniquely identifies the stream segments or reaches that makeup the nation's surface water drainage system.	USGS in cooperation with the United States Environmental Protection Agency (EPA) and other state and local partners.	9/30/2014
Native Land Boundaries	Native Region Lands	This data set contains Alaska Native Claims Settlement Act (ANCSA) Selected and Conveyed lands within Alaska with respect to the surface estate for Interim Conveyed, Patented, Conveyed, or Selected Village and Regional Native lands.	Bureau of Land Management (BLM)	3/17/2015
	Native Village Lands	Cartographic representation of Native Village Lands.	BLM	3/17/2015
Parcels	Subdivisions	Subdivision parcels within City of Valdez.	City of Valdez	7/13/2012
State Land Boundaries	Parks and Recreation Areas	To depict boundaries of state parks created through the process called Interagency Land Management Agreement (ILMA) process.	Alaska Department of Natural Resources (ADNR)	2/10/2015
	Shore Fish Leases	This shapefile depicts the location of current shore fishery leases issued by the State of Alaska.	ADNR – Information Resource Management (IRM) Section	2/10/2015
	State and Federal Lands	These data contain the administrative large parcel boundaries for both the state and federal government. It combines the formerly known Legislatively Designated Areas (LDAs), or state parcels, and the Conservation System Units (CSUs), or federal parcels, with data improvements. The CSUs also contained additional federal management units, such as National Forests; hence, the name change.	ADNR	8/21/2013
	State Special Use Land	The division designation of "special use lands" is for the protection of scenic, historic, archeological, scientific, biological, recreational, or other special resource values warranting additional protections or other special requirements.	ADNR	2/10/2015
	Tidal Leases	This shapefile depicts the location of current tidelands leases issued by the State of Alaska.	ADNR – IRM Section	2/10/2015

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Toponymy	Alaska Place Names	This coverage, created by the Alaska Department of Transportation and Public Facilities (ADOT&PF) Statewide GIS Mapping Section, depicts the current and historic cities, towns, villages, and camps throughout the State of Alaska.	ADOT&PF	1/17/2013
Transportation	Roads	This feature class was created by merging the Transportation Investment Generating Economic Recovery (TIGER) road data with the ADOT&PF data.	ADOT&PF, United States Department of Commerce	N/A
Wetlands	Alaska Wetlands – National Wetlands Inventory (NWI)	This data set represents the extent, approximate location, and type of wetlands and deep-water habitats in Alaska, United States. These data delineate the areal extent of wetlands and surface waters as defined by Cowardin et al. (1979).	USFWS, the NWI	3/20/2015
	Cook Inlet Lowland Wetlands	A plant community and locally tailored mapping classification has been created to map and describe functions of the wetlands on the Kenai Lowlands, Alaska.	Kenai Watershed Forum	4/23/2012

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ACRONYMS AND ABBREVIATIONS

ABBREVIATION	DEFINITION
ADEC	Alaska Department of Environmental Conservation
ADF&G	Alaska Department of Fish and Game
ADNR	Alaska Department of Natural Resource
ADOT&PF	Alaska Department of Transportation and Public Facilities
ANSCA	Alaska Native Claims Settlement Act
BLM	Bureau of Land Management
CSU	Conservation System Unit
DEM	Digital Elevation Model
EPA	Environmental Protection Agency
ERSS	Earth Resources Survey Satellite
FUDS	Formerly Used Defense Sites
GIS	Geographic Information System
ILMA	Interagency Land Management Agreement
IRM	Information Resource Management
KPB	Kenai Peninsula Borough
LDA	Legislatively Designated Area
LUST	Leaking Underground Storage Tanks
NHD	National Hydrography Dataset
NMFS	National Marine Fisheries Service
NOAA	National Oceanic and Atmospheric Administration
NWI	National Wetlands Inventory
TIGER	Transportation Investment Generating Economic Recovery
USACE	United States Army Corps of Engineers
USFWS	United States Fish and Wildlife Service
USGS	U.S. Geological Survey