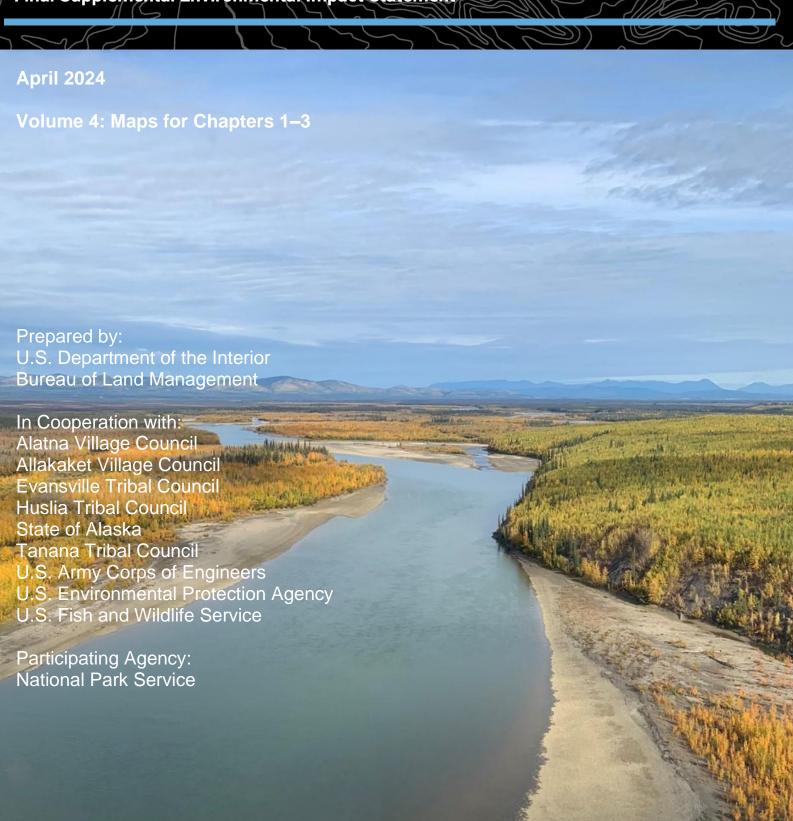
Ambler Road

Final Supplemental Environmental Impact Statement



Mission

To sustain the health, diversity, and productivity of public lands for the use and enjoyment of present and future generations.

Cover photograph: Middle Fork of the Koyukuk River in fall foliage.

Photograph courtesy of BLM staff

DOI-BLM-AK-F030-2016-0008-EIS

BLM/AK/PL-19/013+1610+F000

Ambler Road

Final Supplemental Environmental Impact Statement

Volume 4: Maps for Chapters 1-3

Prepared by:

U.S. Department of the Interior Bureau of Land Management

In Cooperation with:

Alatna Village Council
Allakaket Village Council
Evansville Tribal Council
Huslia Tribal Council
State of Alaska
Tanana Tribal Council
U.S. Army Corps of Engineers
U.S. Environmental Protection Agency
U.S. Fish and Wildlife Service

Participating Agency:

National Park Service

April 2024

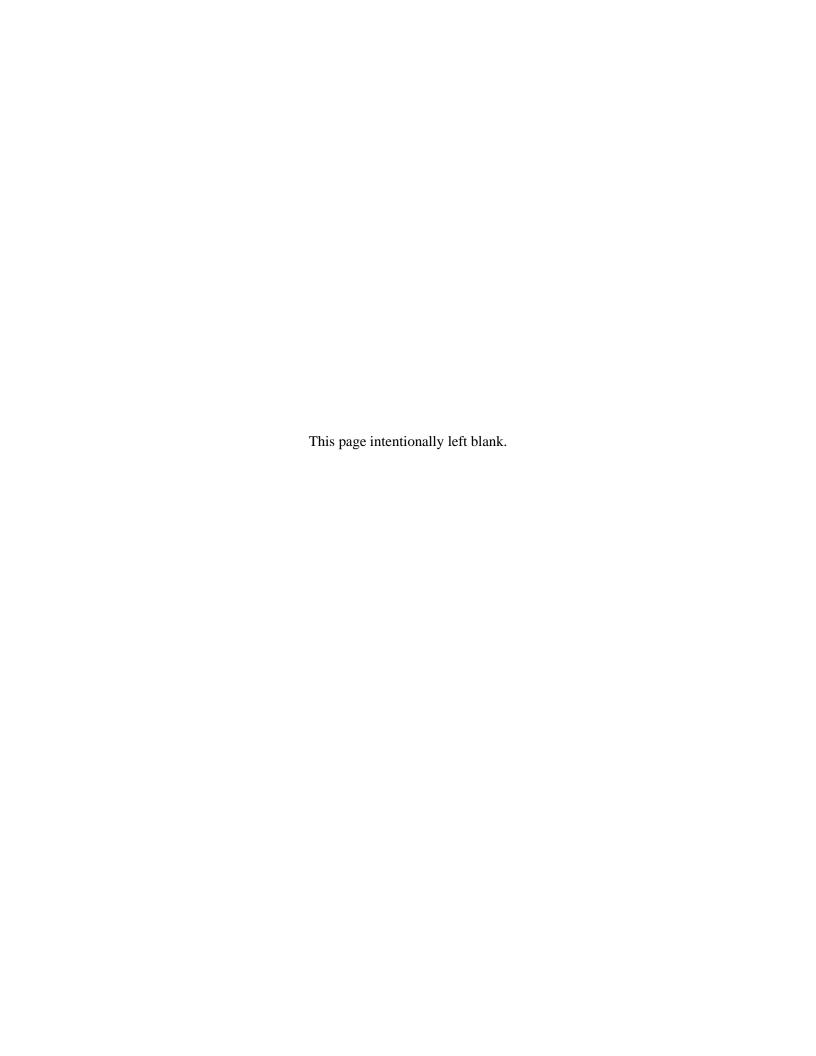


Table of Contents

Volume 4 – List of Maps for Chapters 1–3

- Map 1-1. Project Vicinity
- Map 2-1. Alternatives Considered but Eliminated
- Map 2-2. Alternatives Overview
- Map 2-2b. Alternatives Overview with Administrative Boundaries*
- Map 2-3. Alternatives A and B*
- Map 2-4. Alternative C*
- Map 3-01. Permafrost
- Map 3-02. Asbestos Potential*
- Map 3-03. Contaminated Sites within 5 miles of an Alternative
- Map 3-04. Potential Fossil Yield Classification
- Map 3-05. Major Watersheds
- Map 3-06. Large Rivers, Lakes, and Hydrologic Gages
- Map 3-07. Ecoregions
- Map 3-08. Vegetation Types
- Map 3-09A. Wetlands
- Map 3-09B. Nutuvukti Fen Wetlands
- Map 3-10. Rare Plants and Ecosystems Recorded*
- Map 3-11. Invasive Plants and Watershed Vulnerability Ranking*
- Map 3-12. Elodea Susceptible Rivers
- Map 3-13. Historical Fire Starts and Fire Perimeters
- Map 3-14. Fire Management Options
- Map 3-15. Invasive Plants and Watersheds Affected by Alternative*
- Map 3-16. Likely Fire Management Options Due to the Project
- Map 3-17. Known Salmon Spawning and Habitat*
- Map 3-18. Known Non-Salmon Fish Habitat*
- Map 3-19. Wood Frog Potential Distribution and Observations
- Map 3-20. Ranges of Caribou Herds in Northwestern Alaska
- Map 3-21. Caribou Seasonal Ranges
- Map 3-22. Caribou Seasonal Ranges and Western Arctic Herd Route Crossings
- Map 3-23a. Fall and Winter Distribution of Collared Female Western Arctic Herd Caribou

Ambler Road Final Supplemental EIS Table of Contents

Map 3-23b. Number of Years Used for Caribou Winter Range*

Map 3-23c. Seasonal Distribution of Collared Female Ray Mountains and Hodzana Hills Herd Caribou*

Map 3-23d. Light Terrestrial Macrolichen Topcover, 2020*

Map 3-24. Administered Lands*

Map 3-25. Mining Claims*

Map 3-26. Special Land Management Designations*

Map 3-27. Existing Transportation*

Map 3-28. Regional Transportation

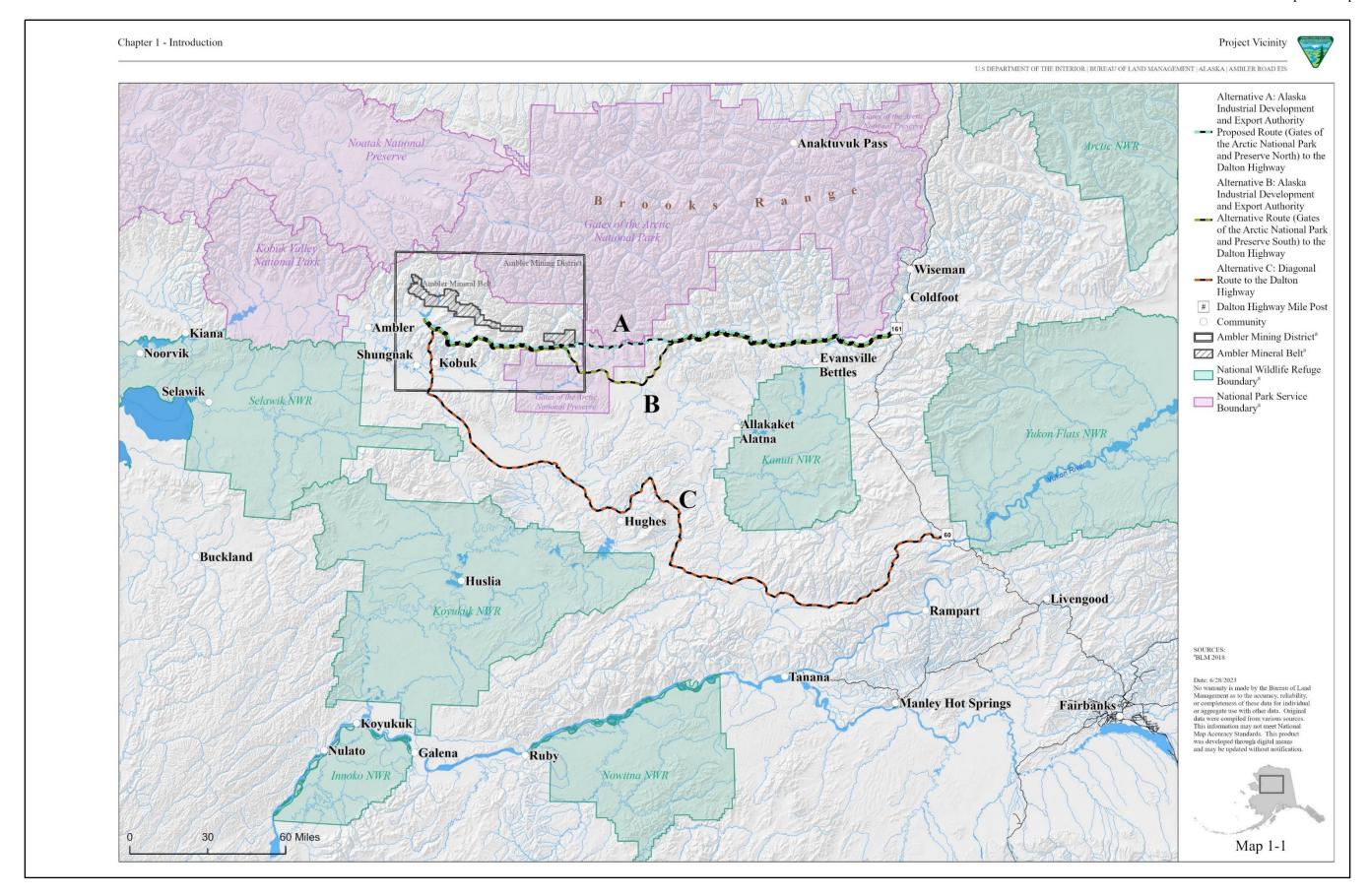
Map 3.29. Recreation*

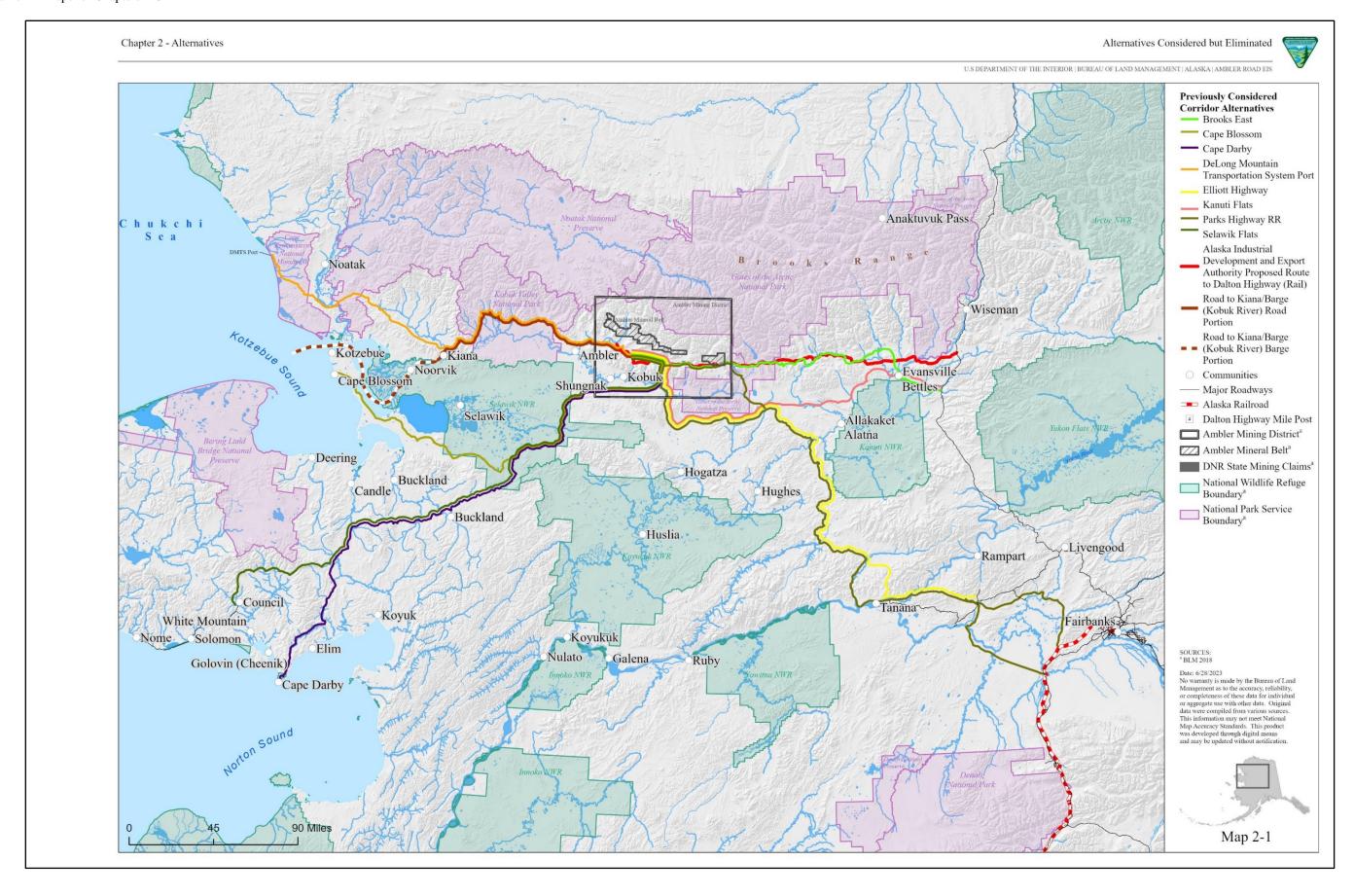
Map 3-30. BLM Visual Resource Classes

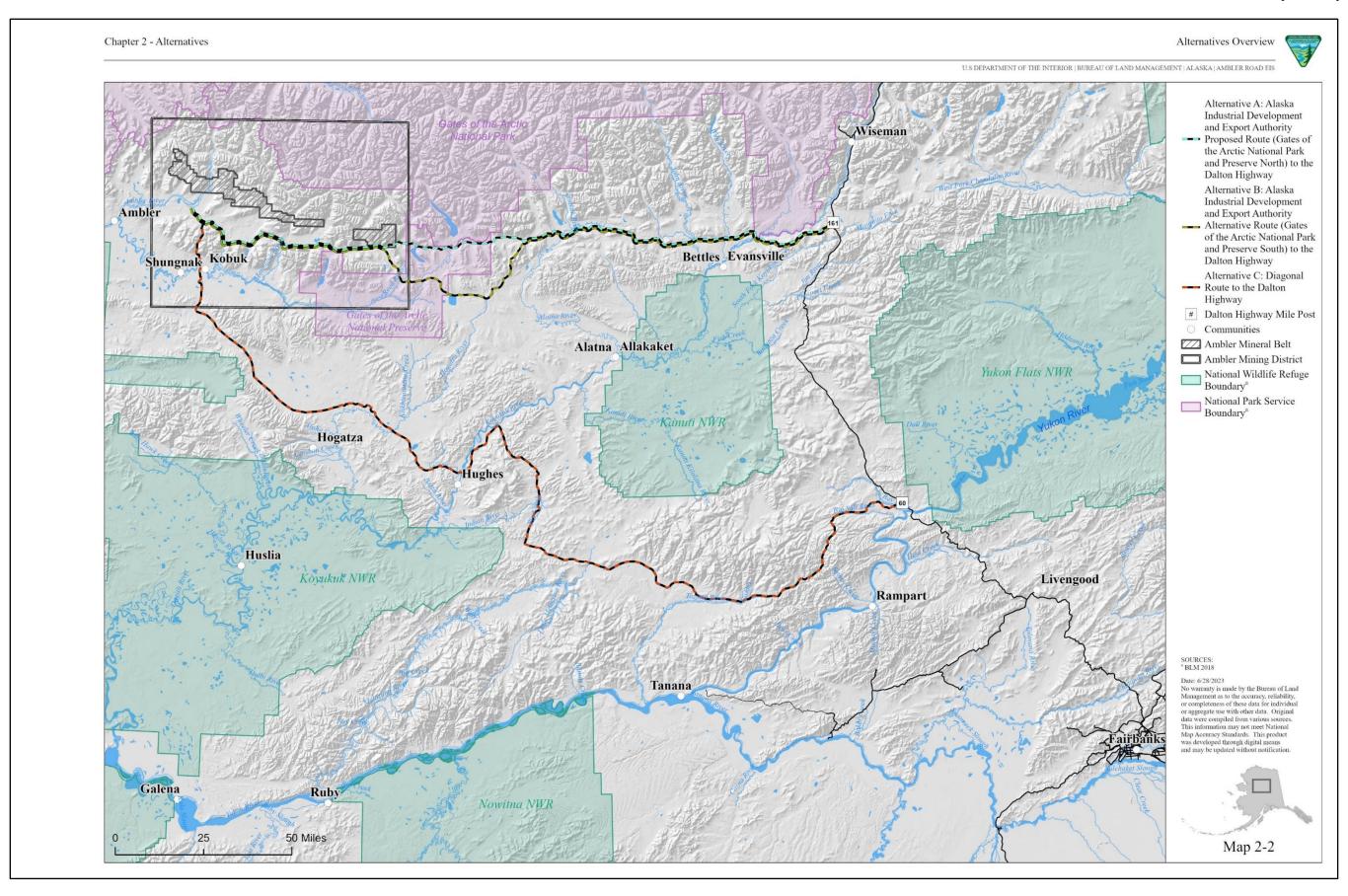
Map 3-31. Census Areas

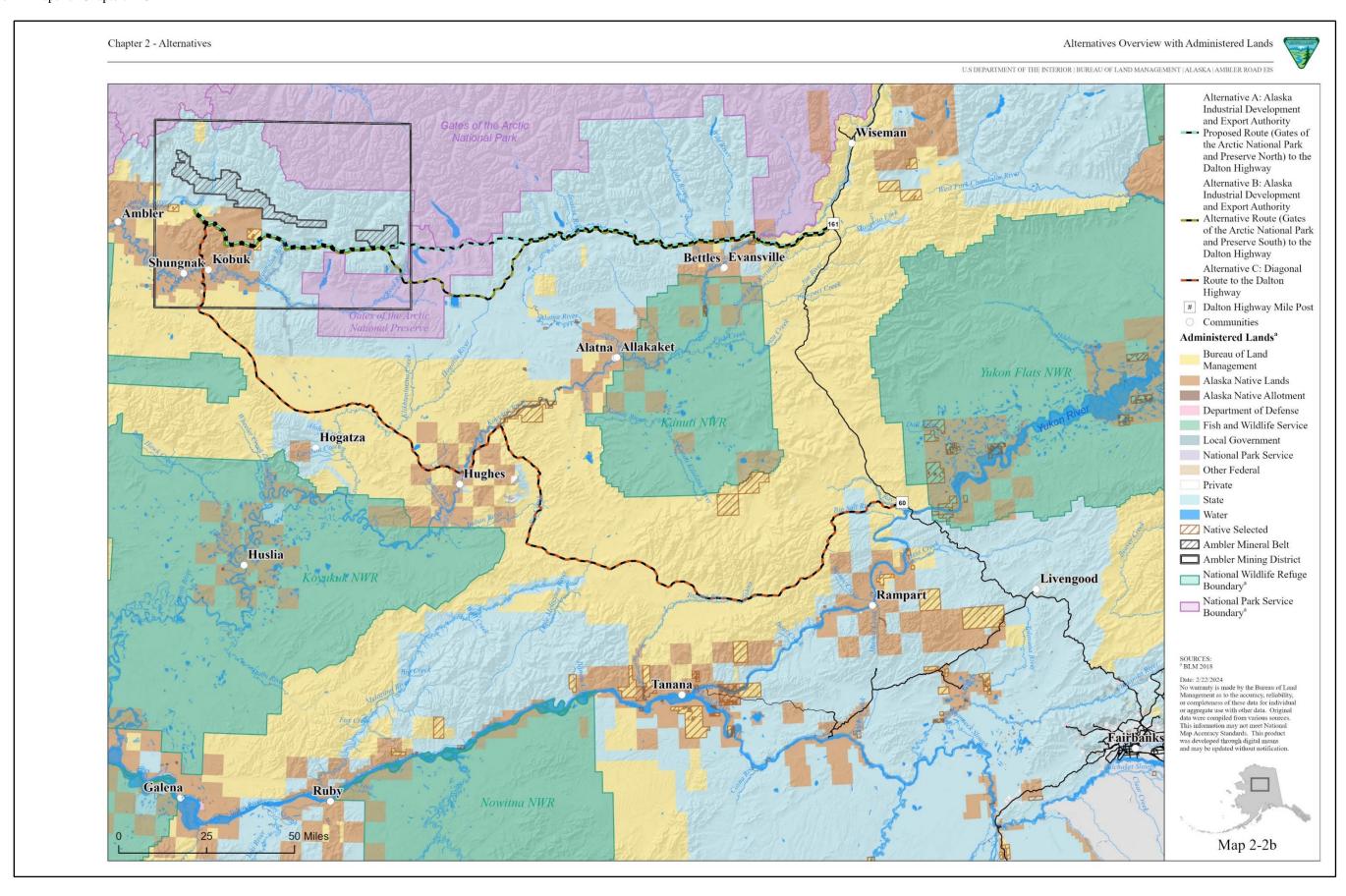
Map 3-32. Subsistence and Caribou Study Communities*

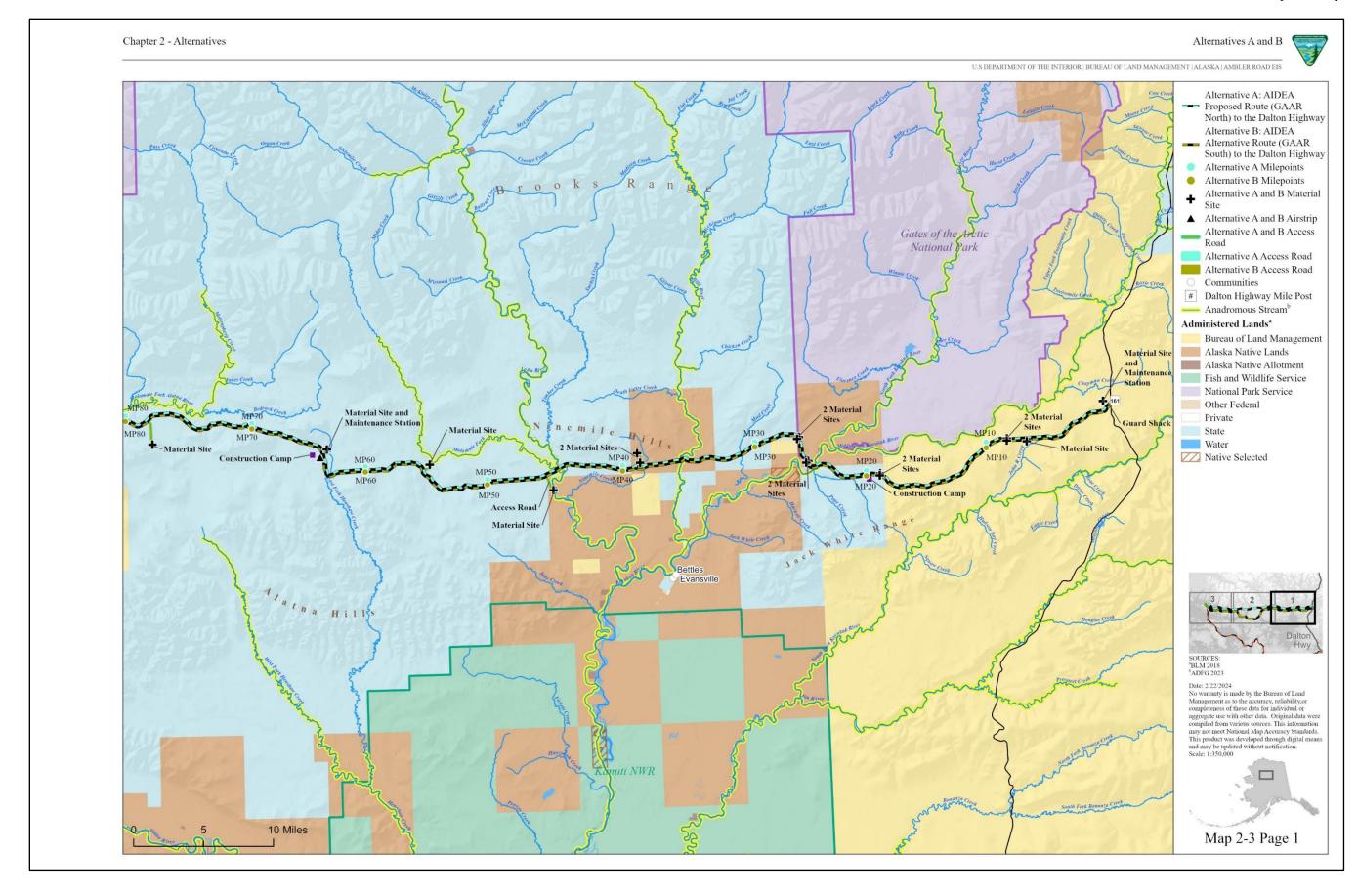
Map 3-33. Indigenous Place Names within Cultural Resource Study Area*

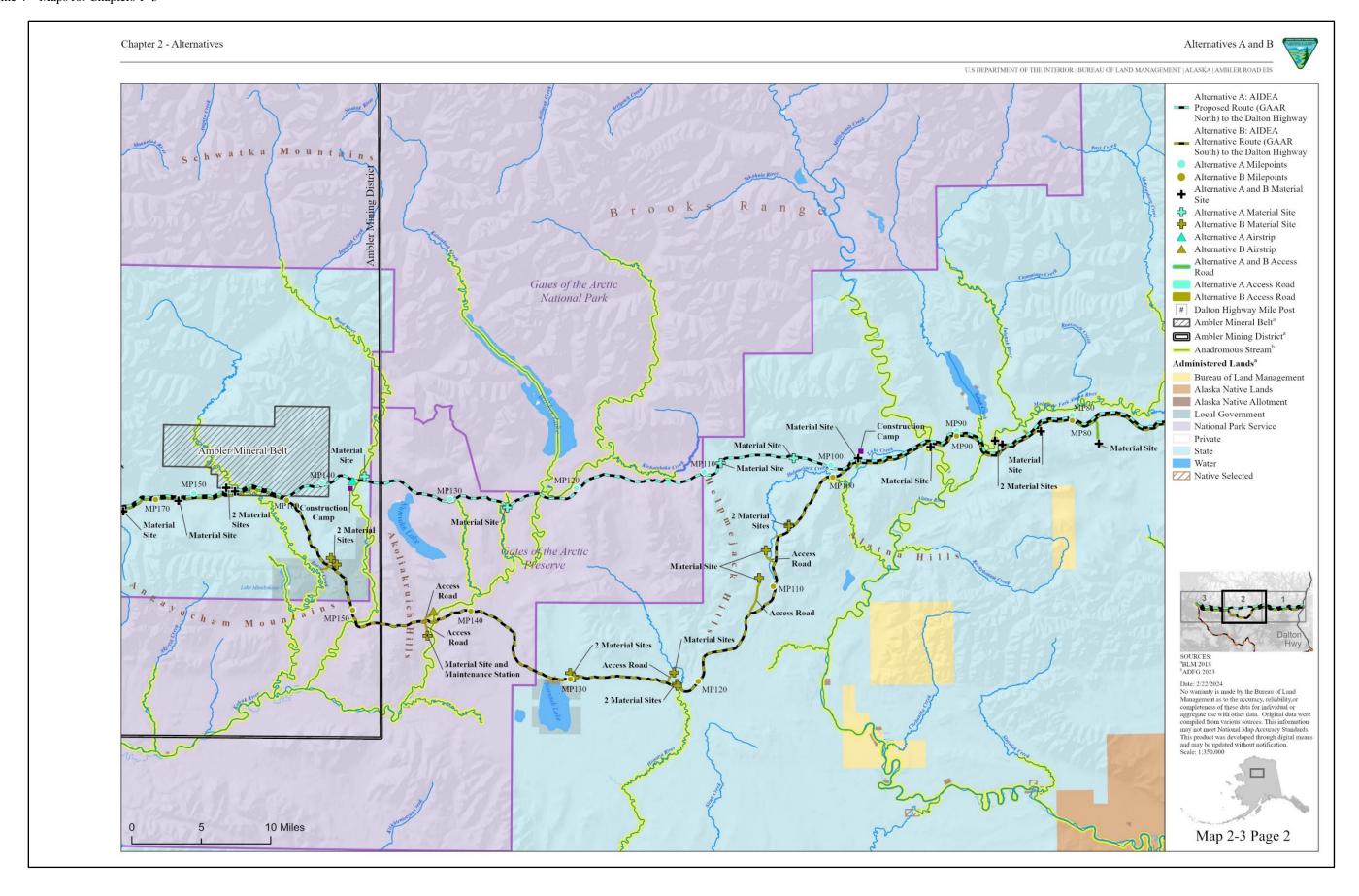


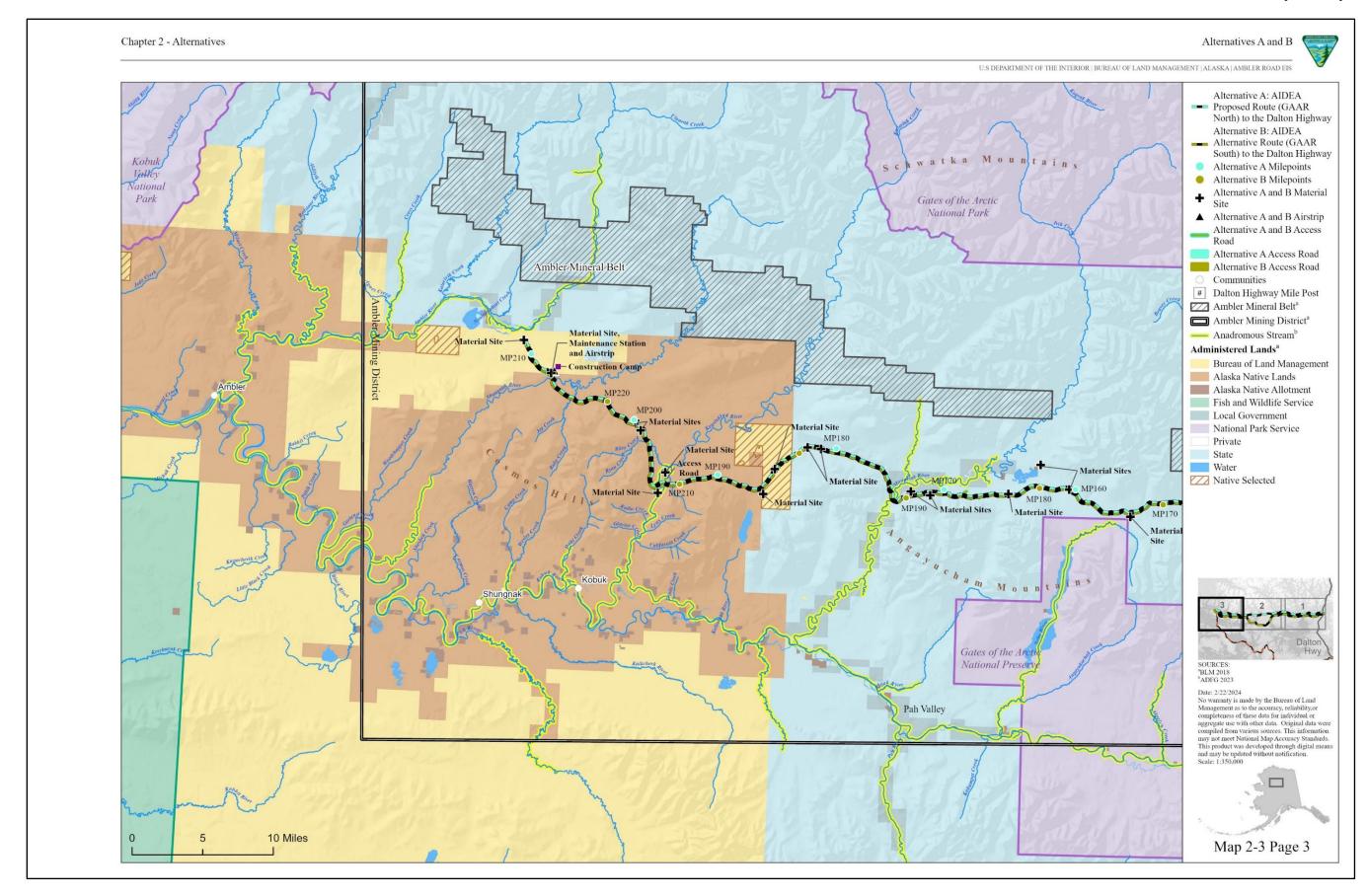


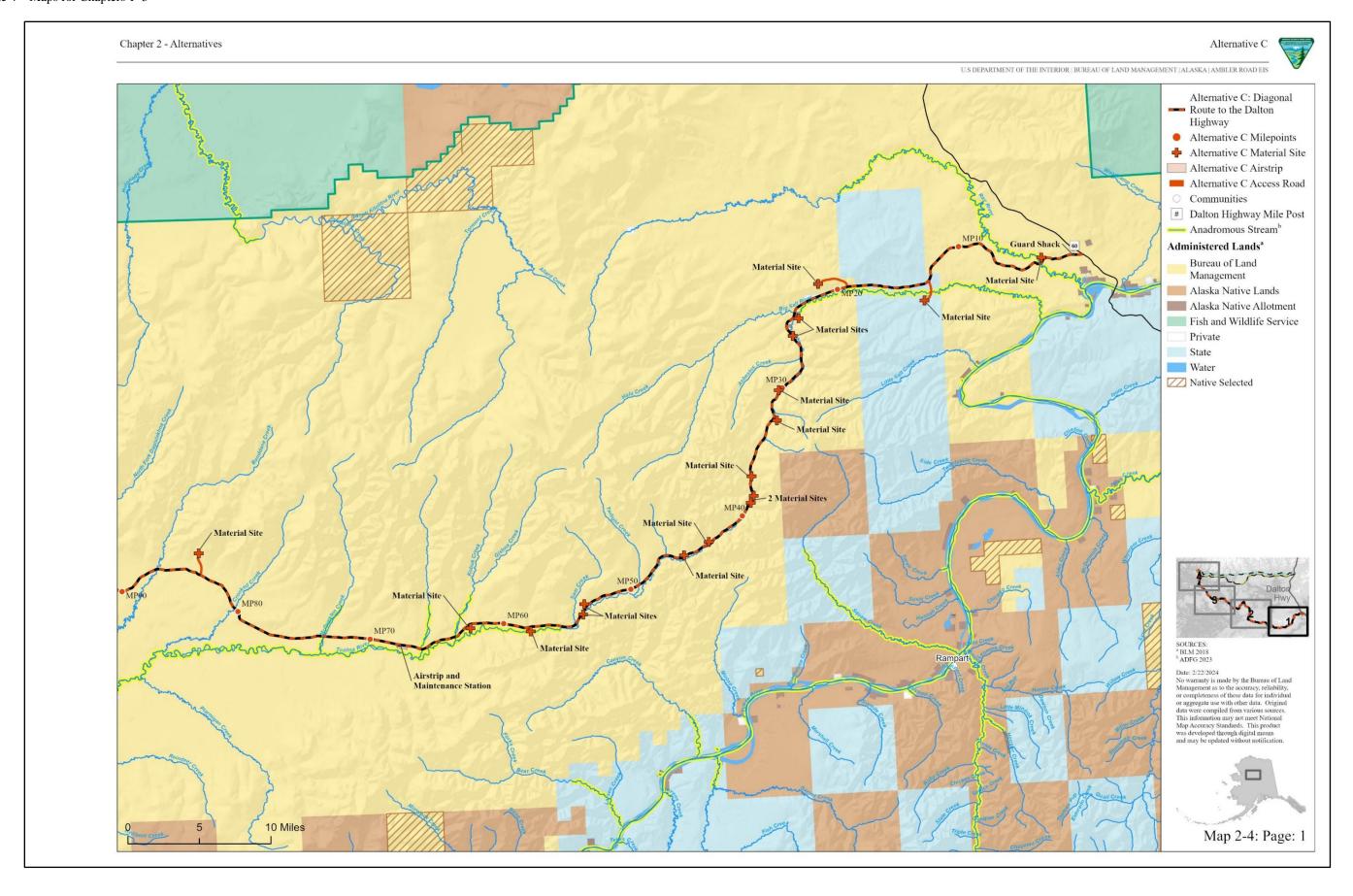


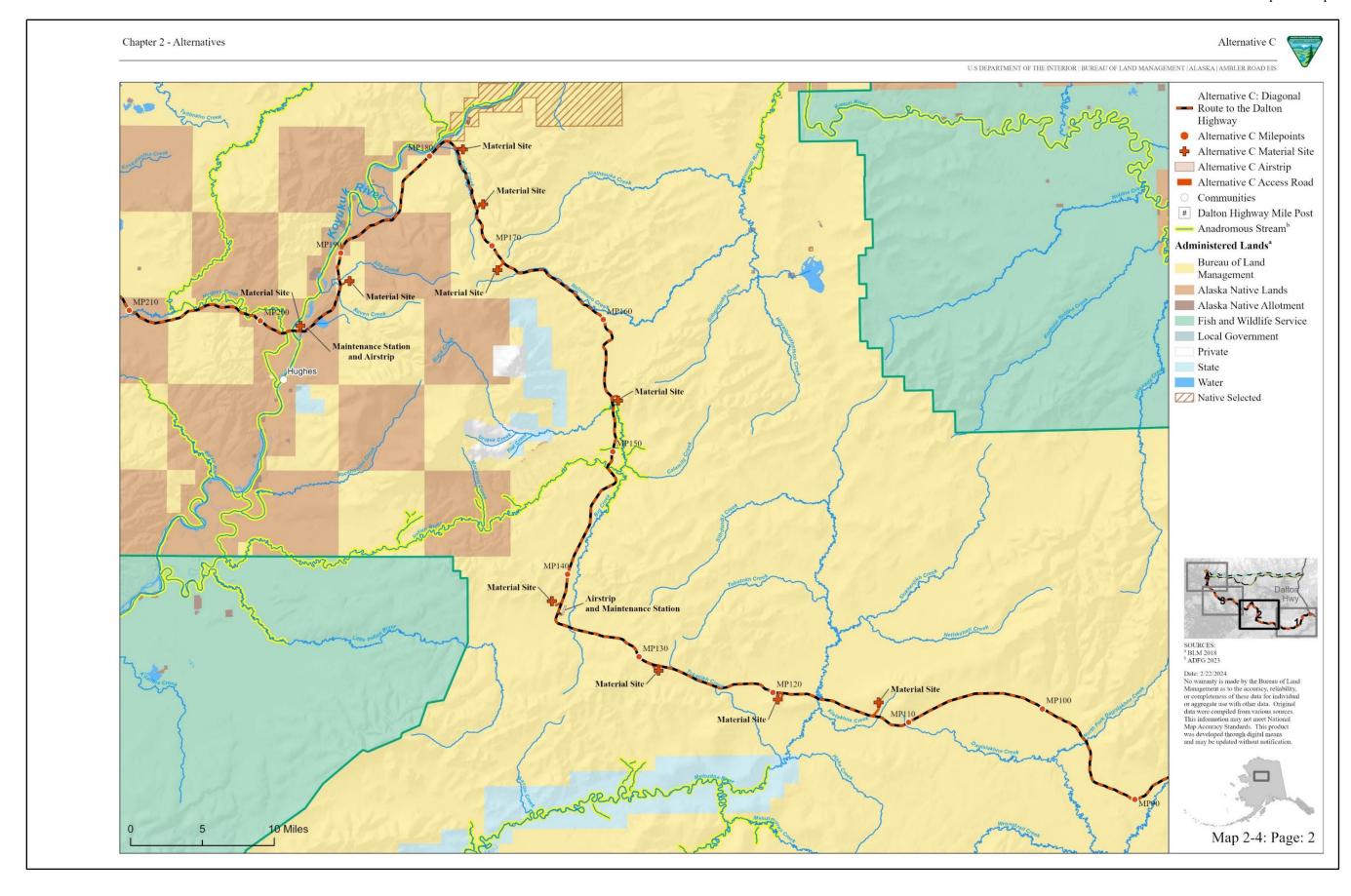


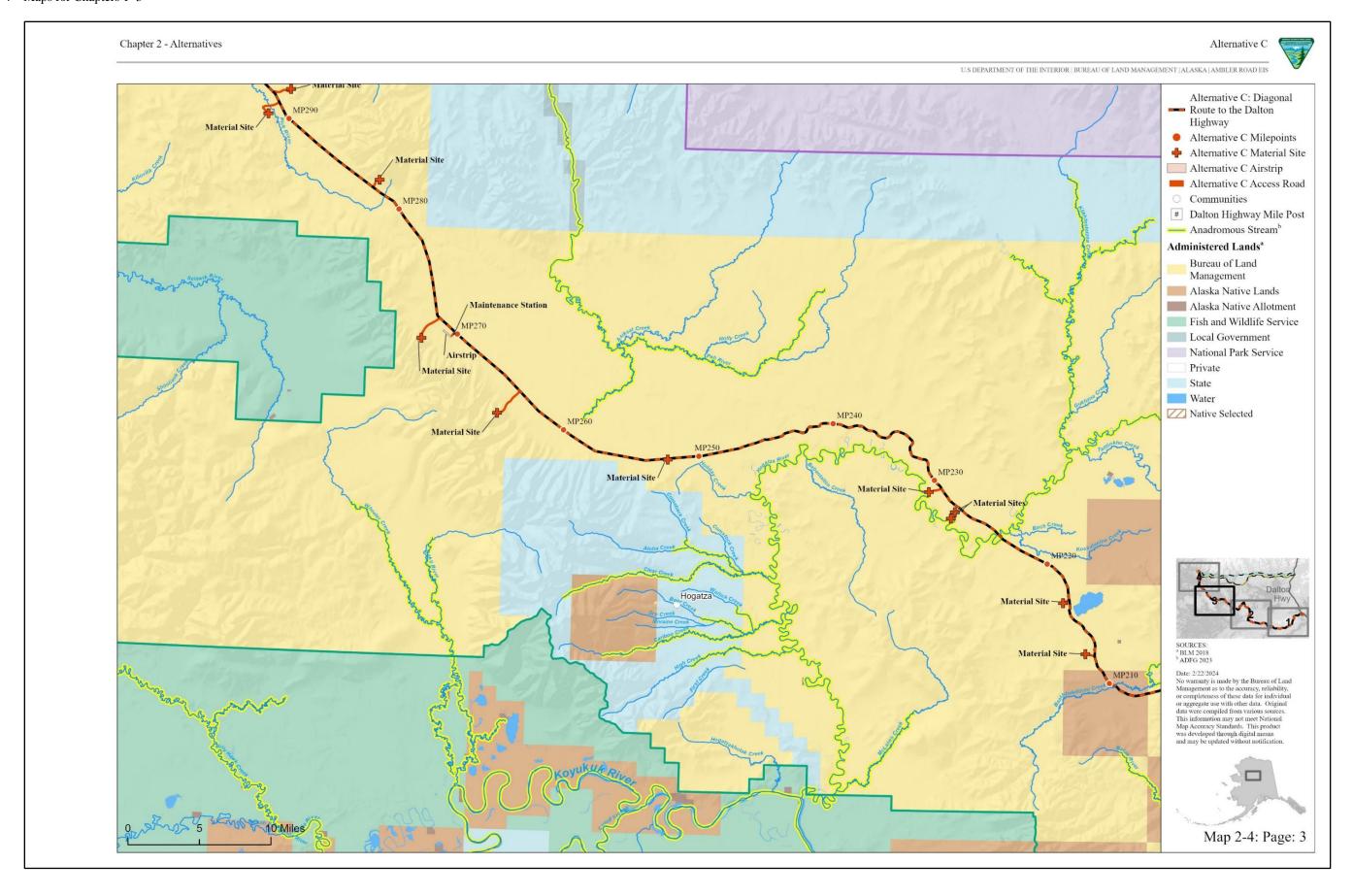


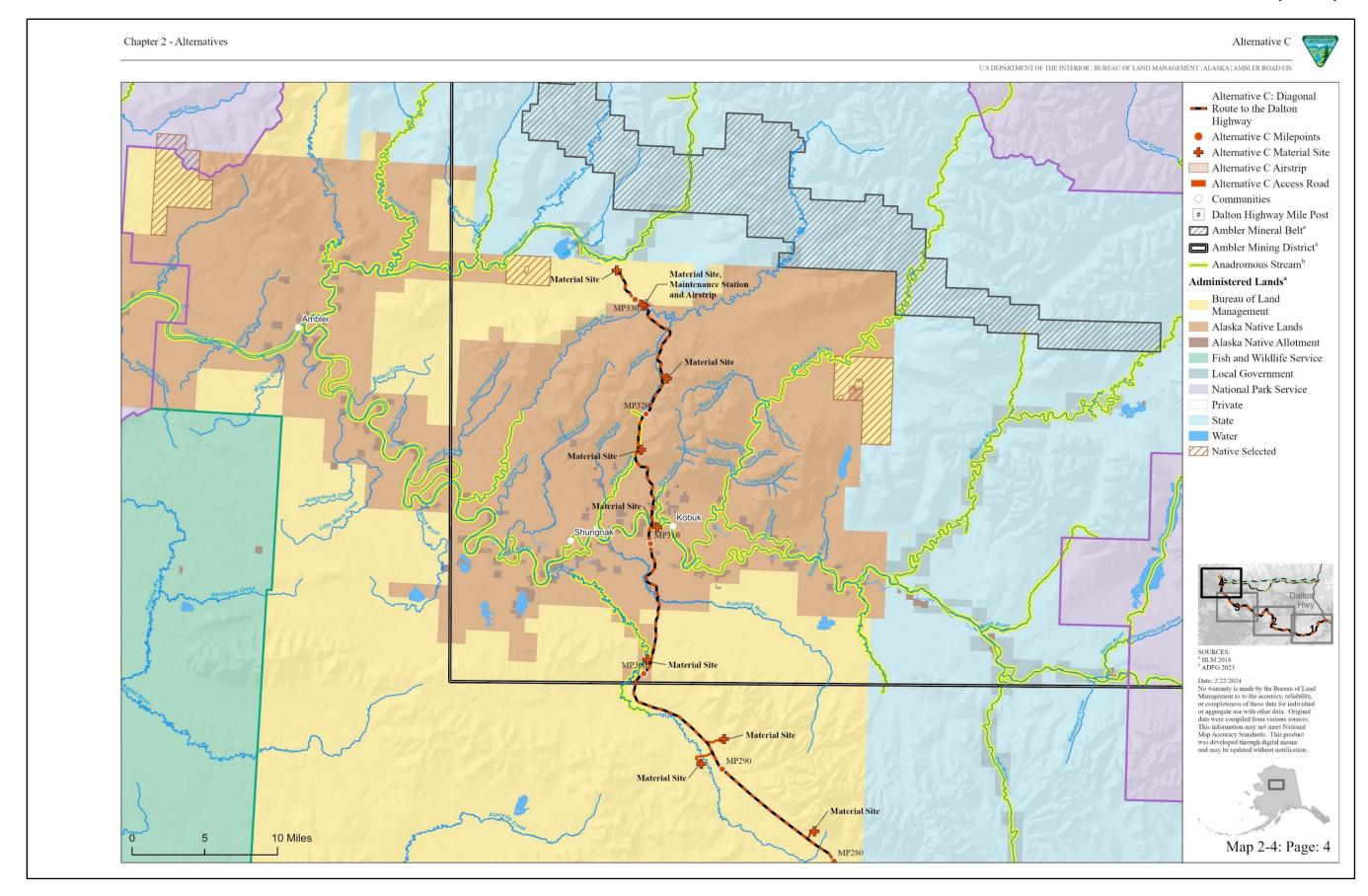


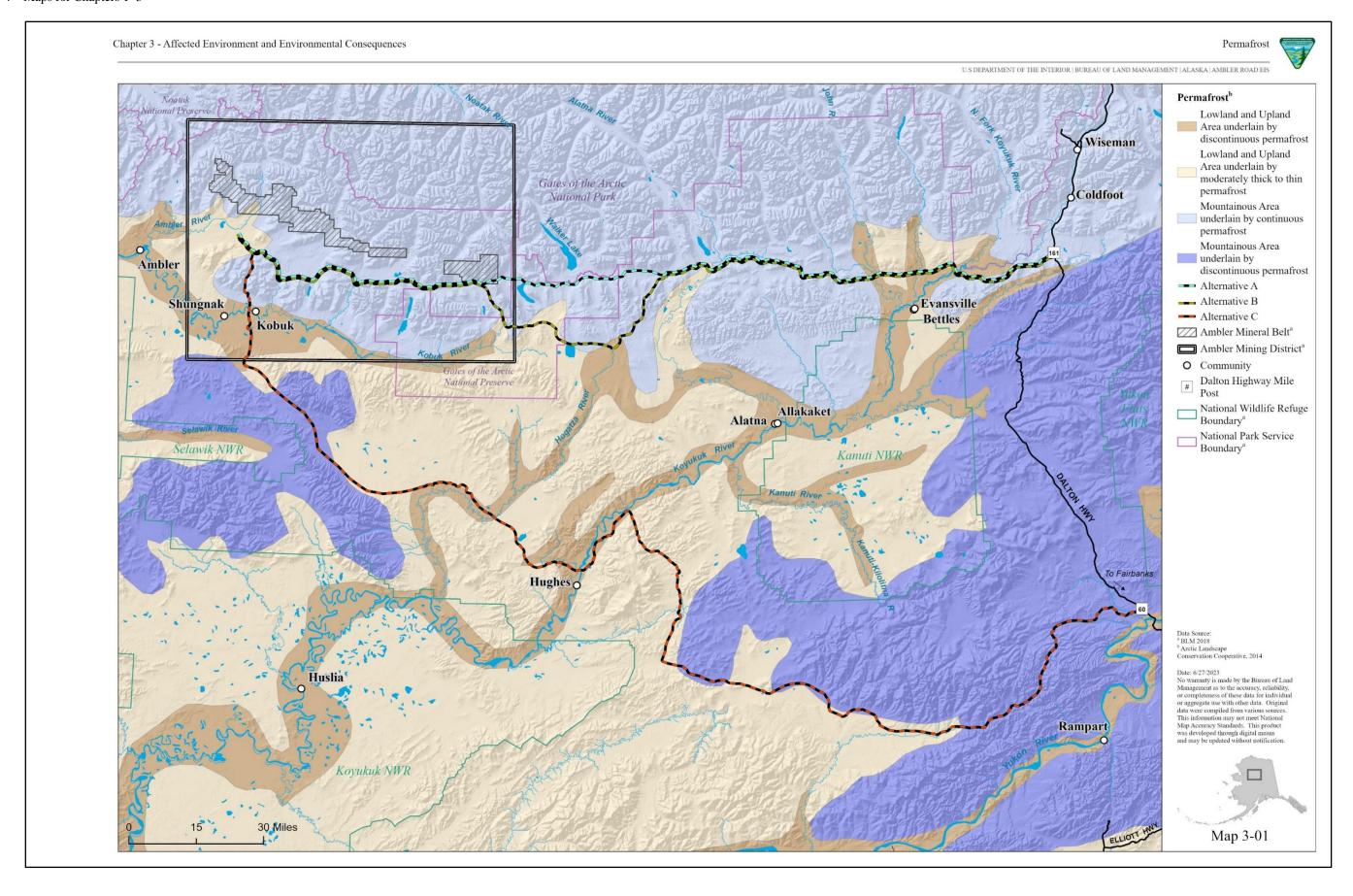


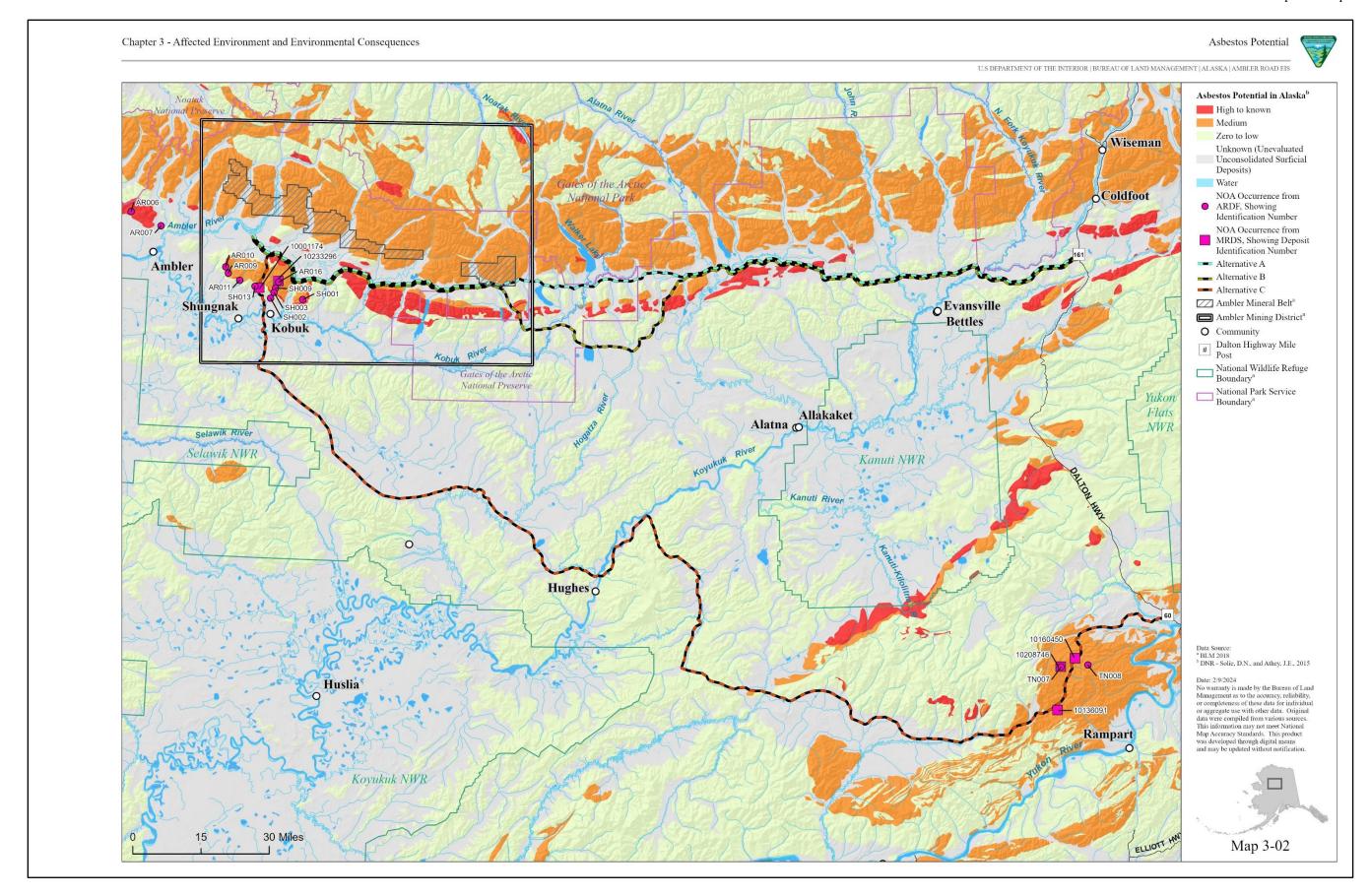


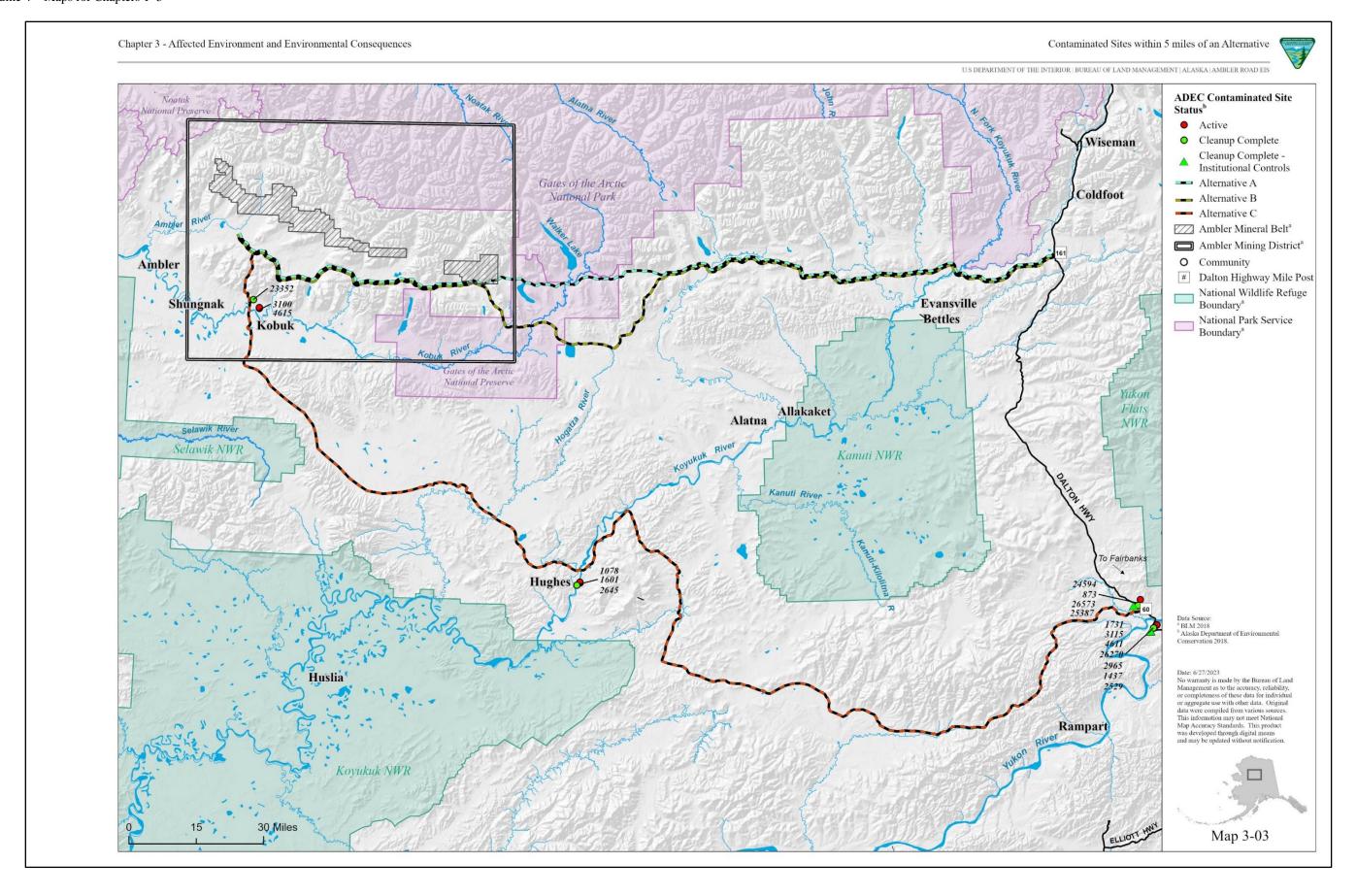


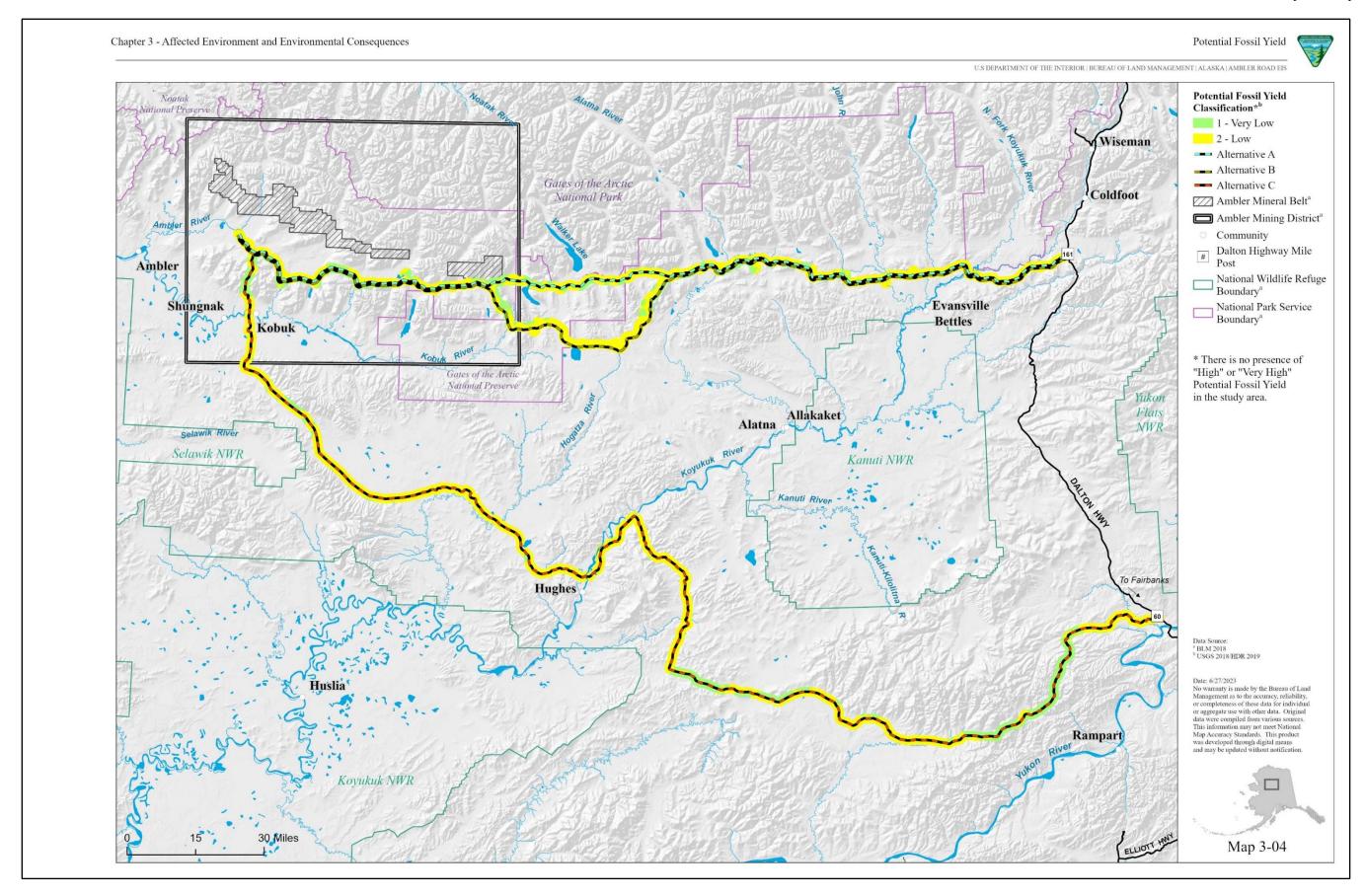


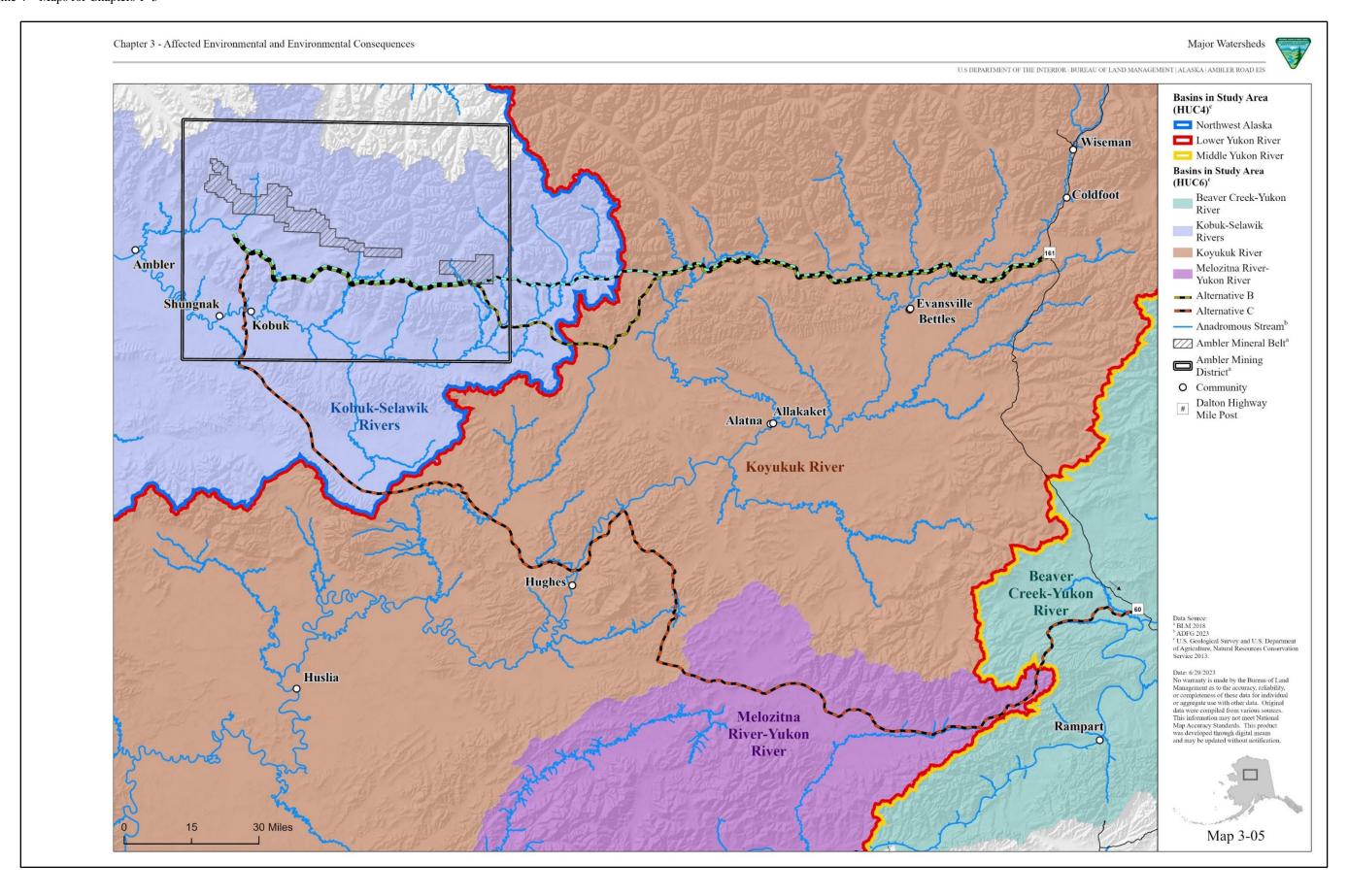


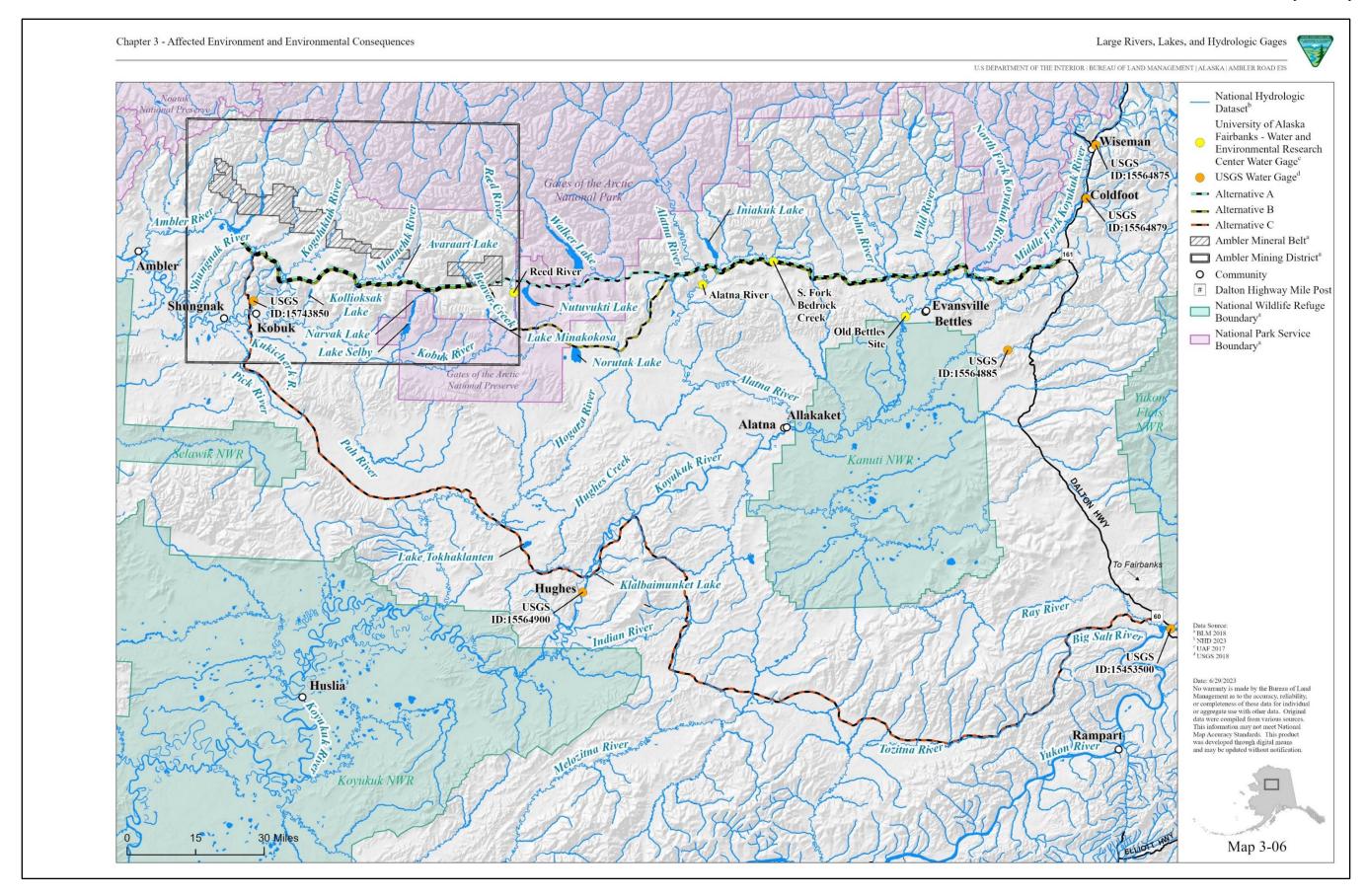


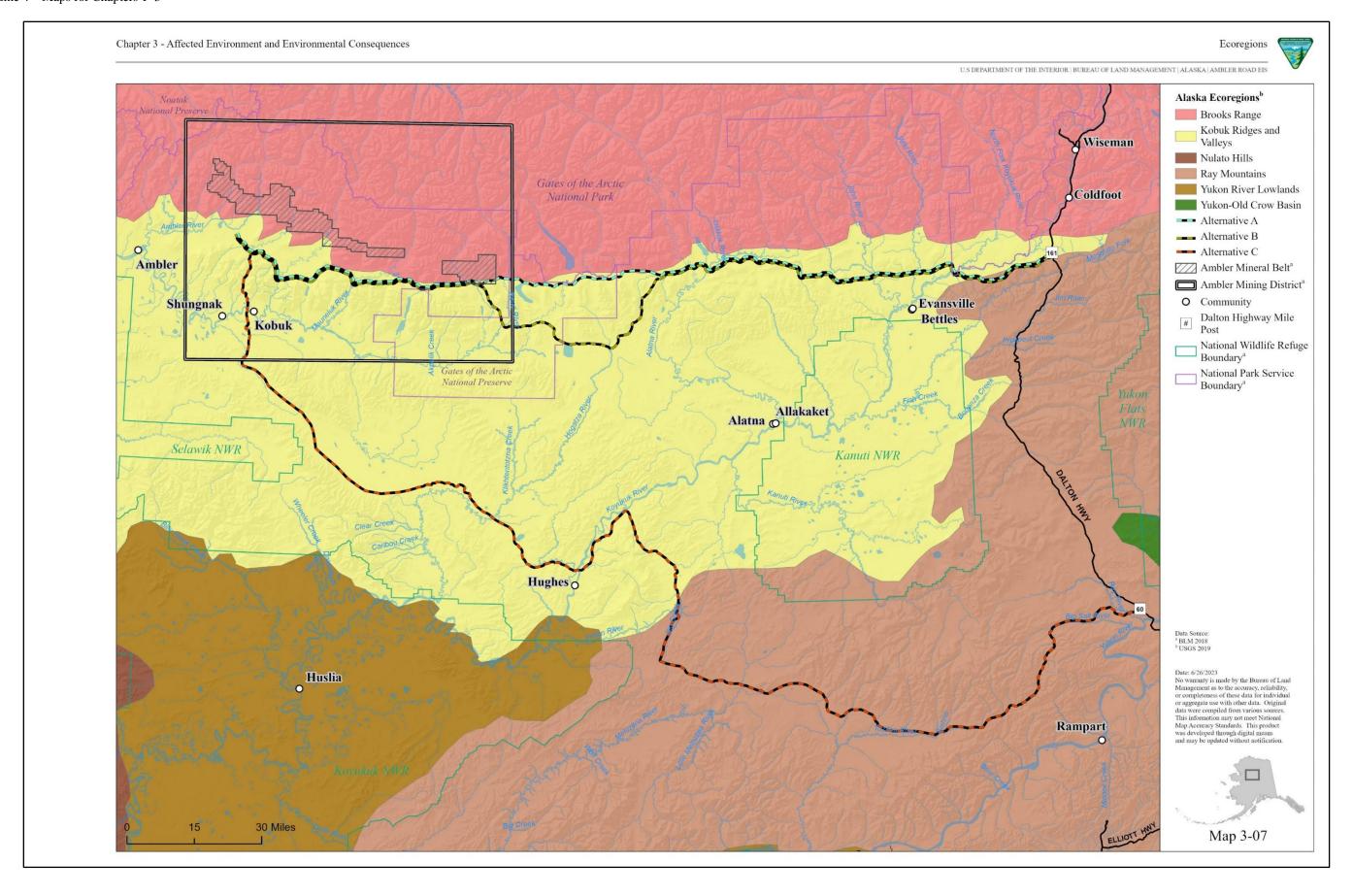


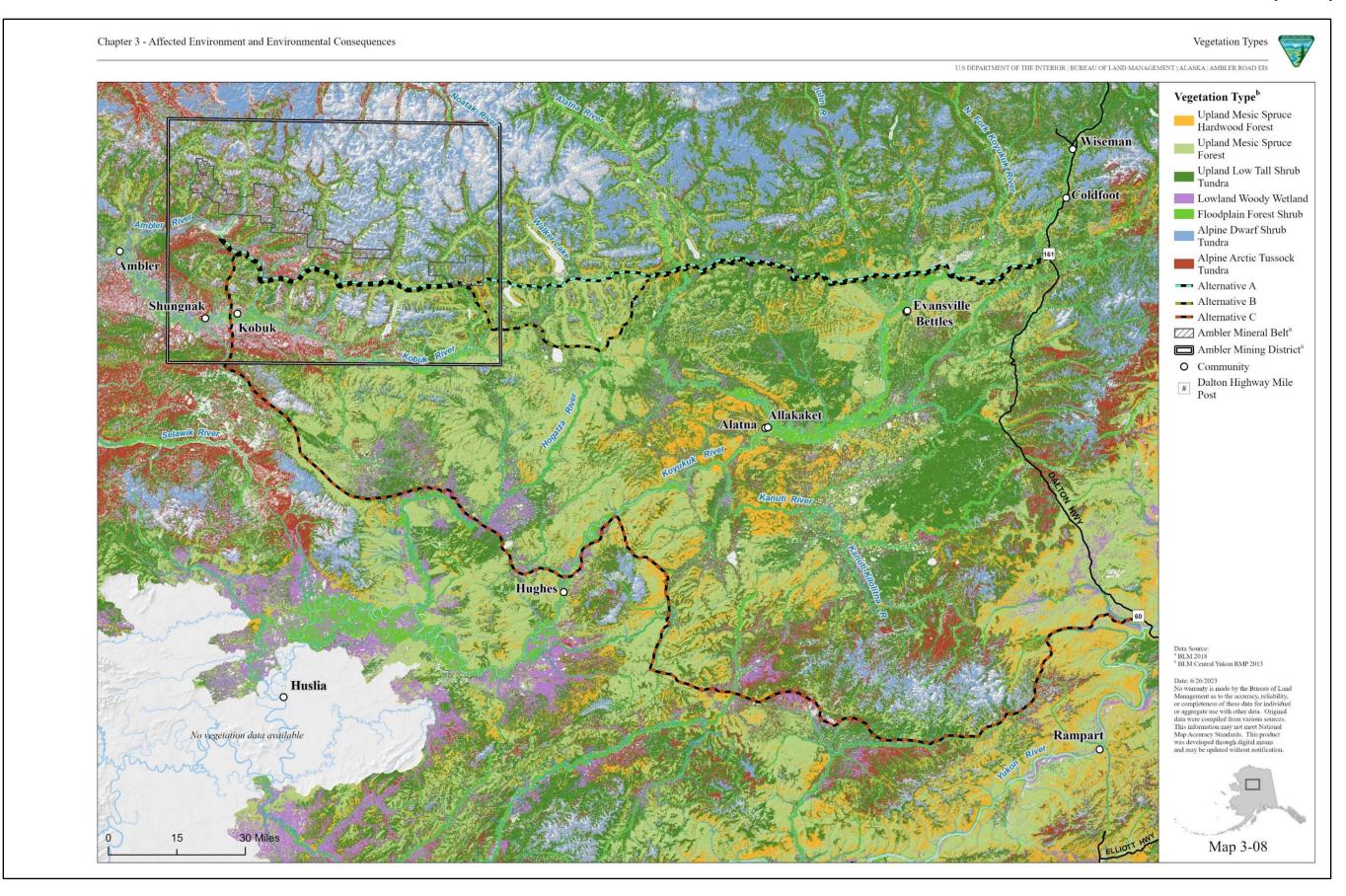


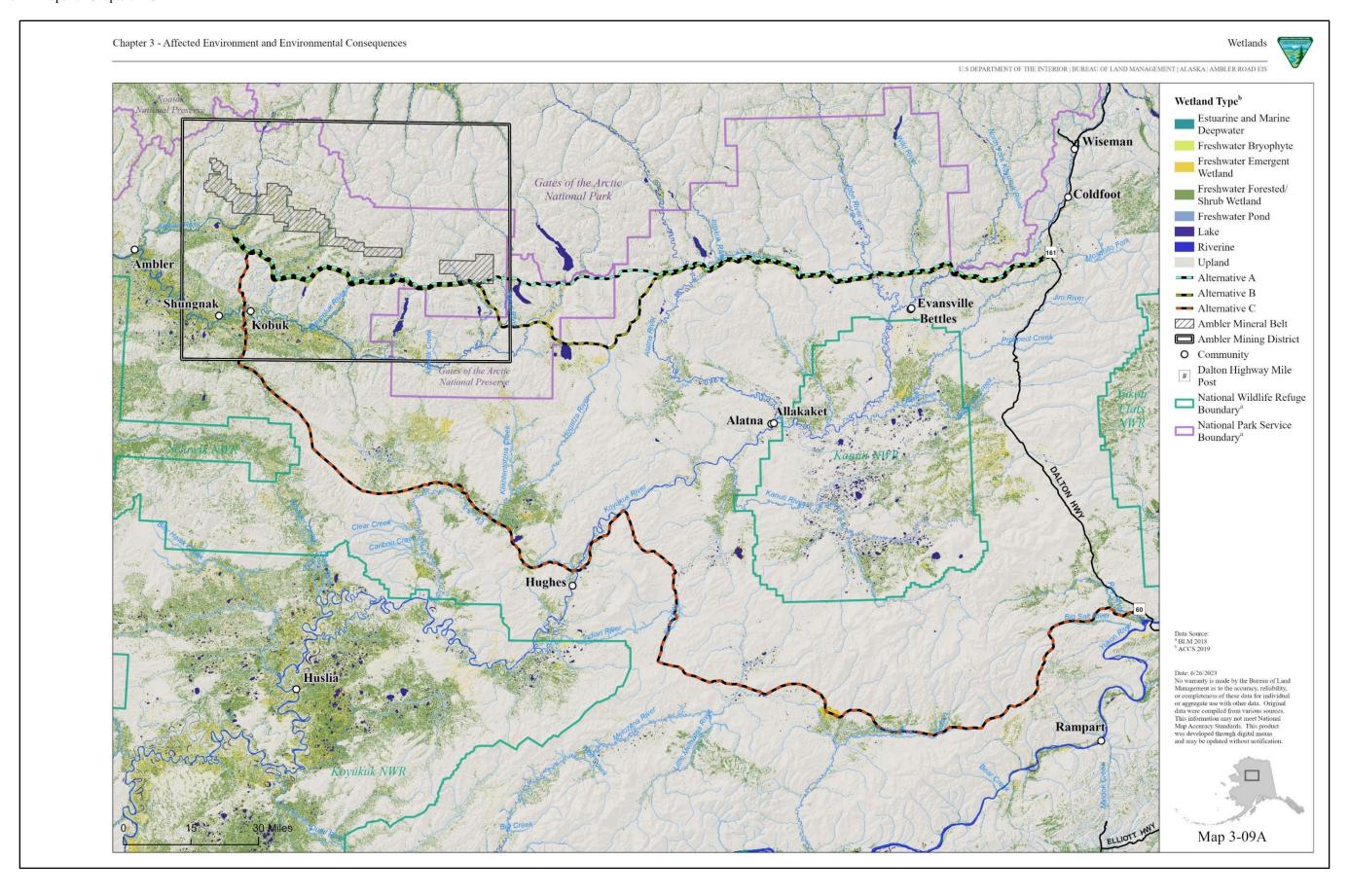


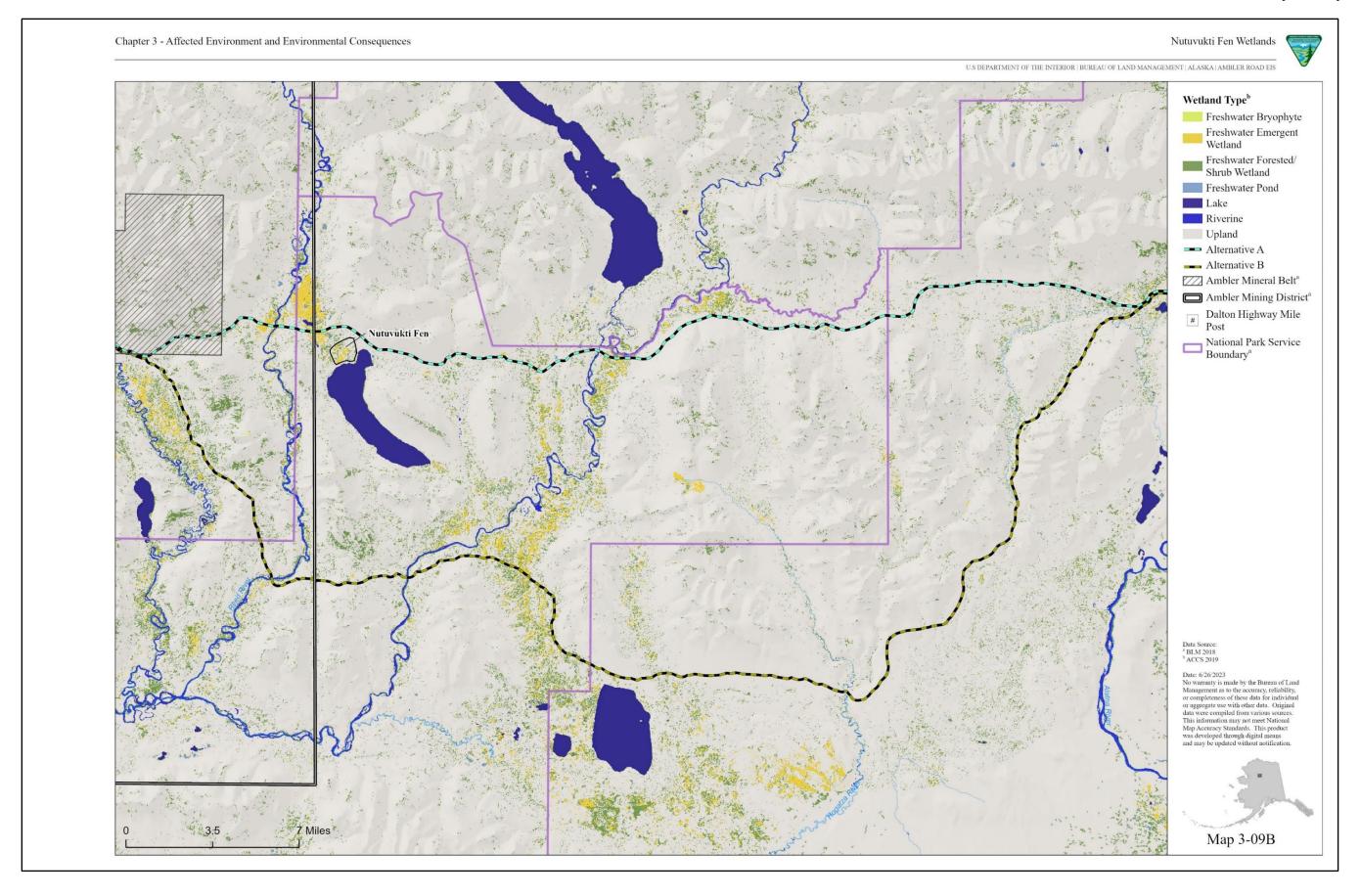


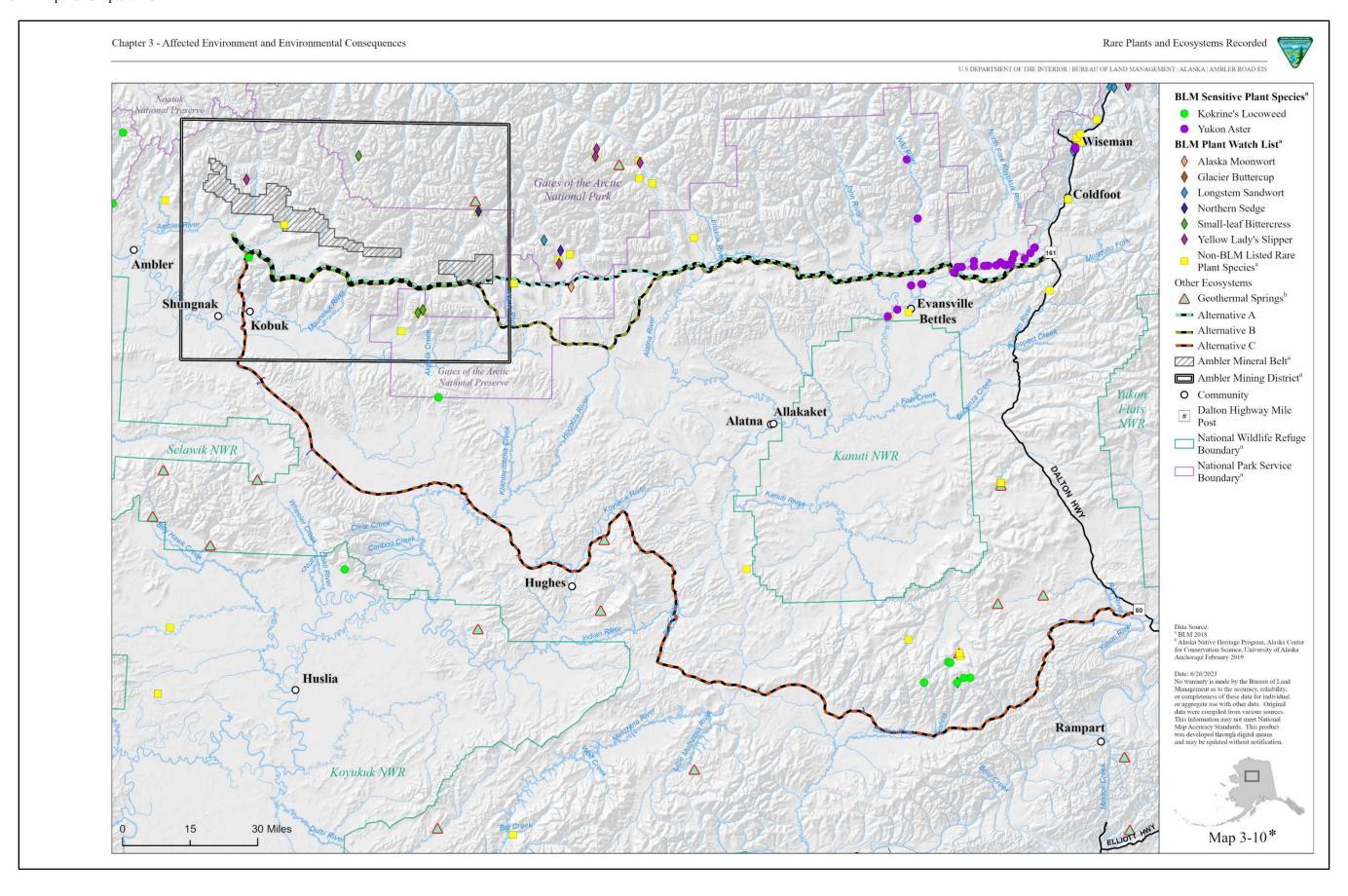


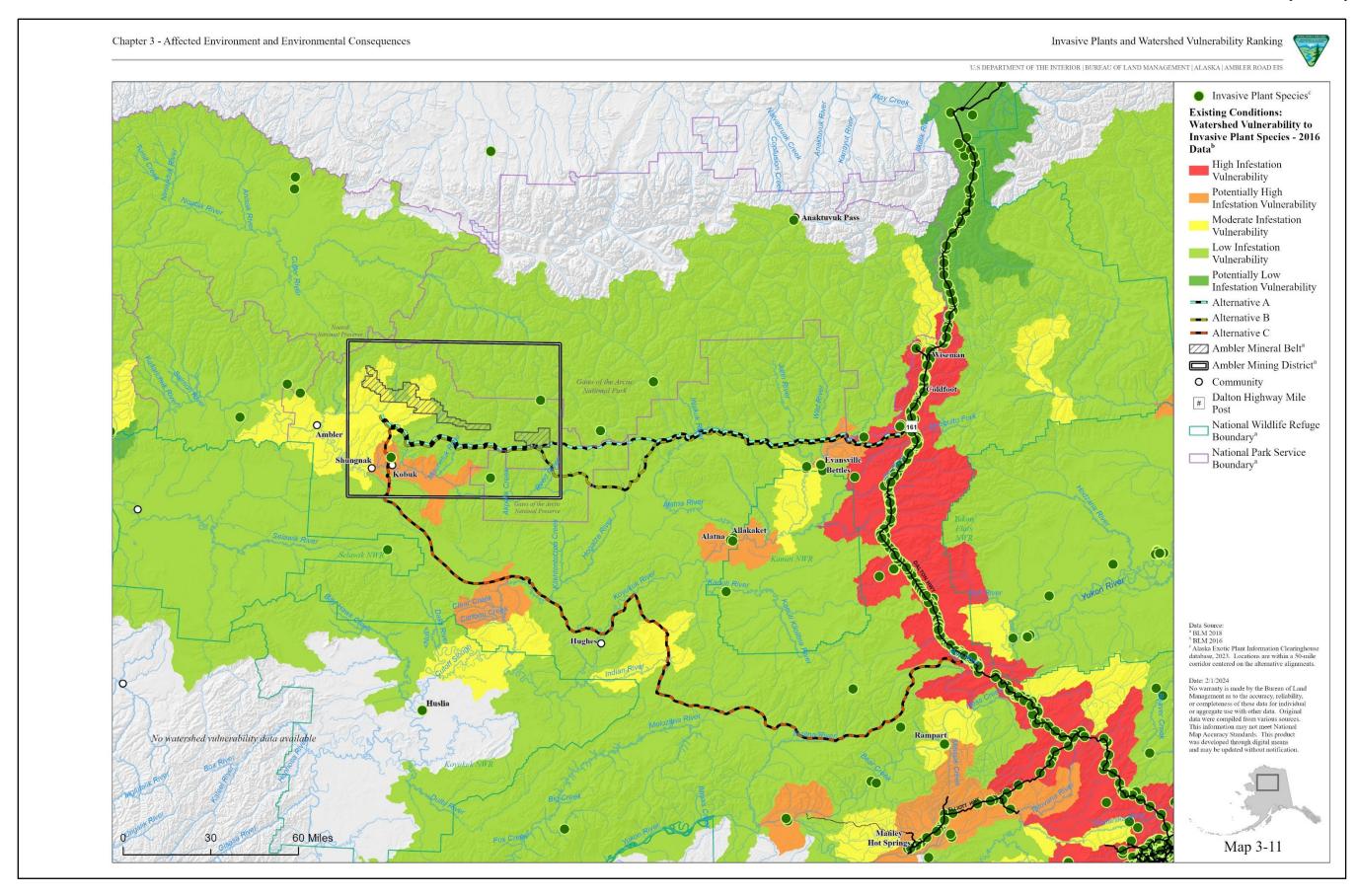


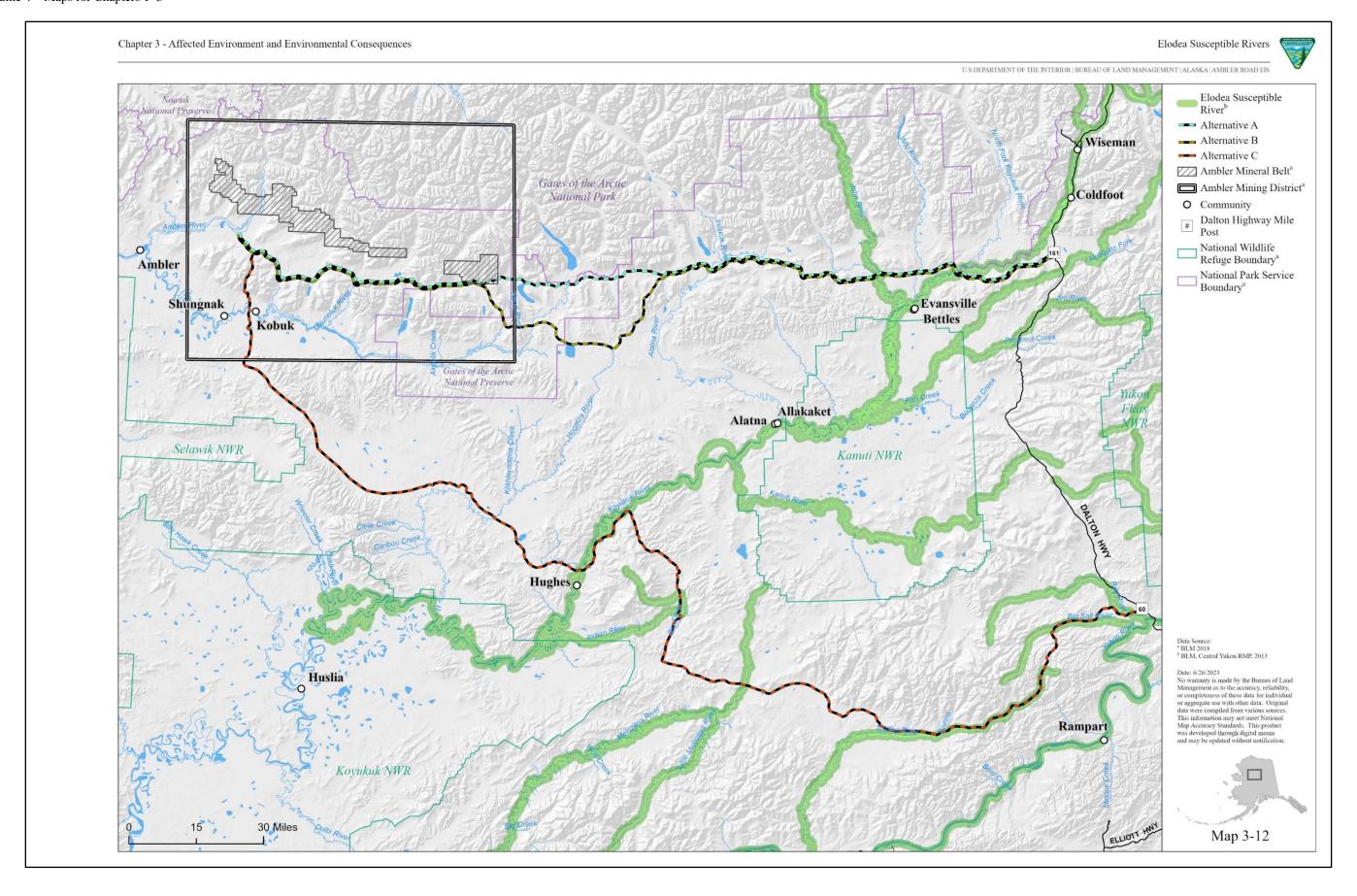


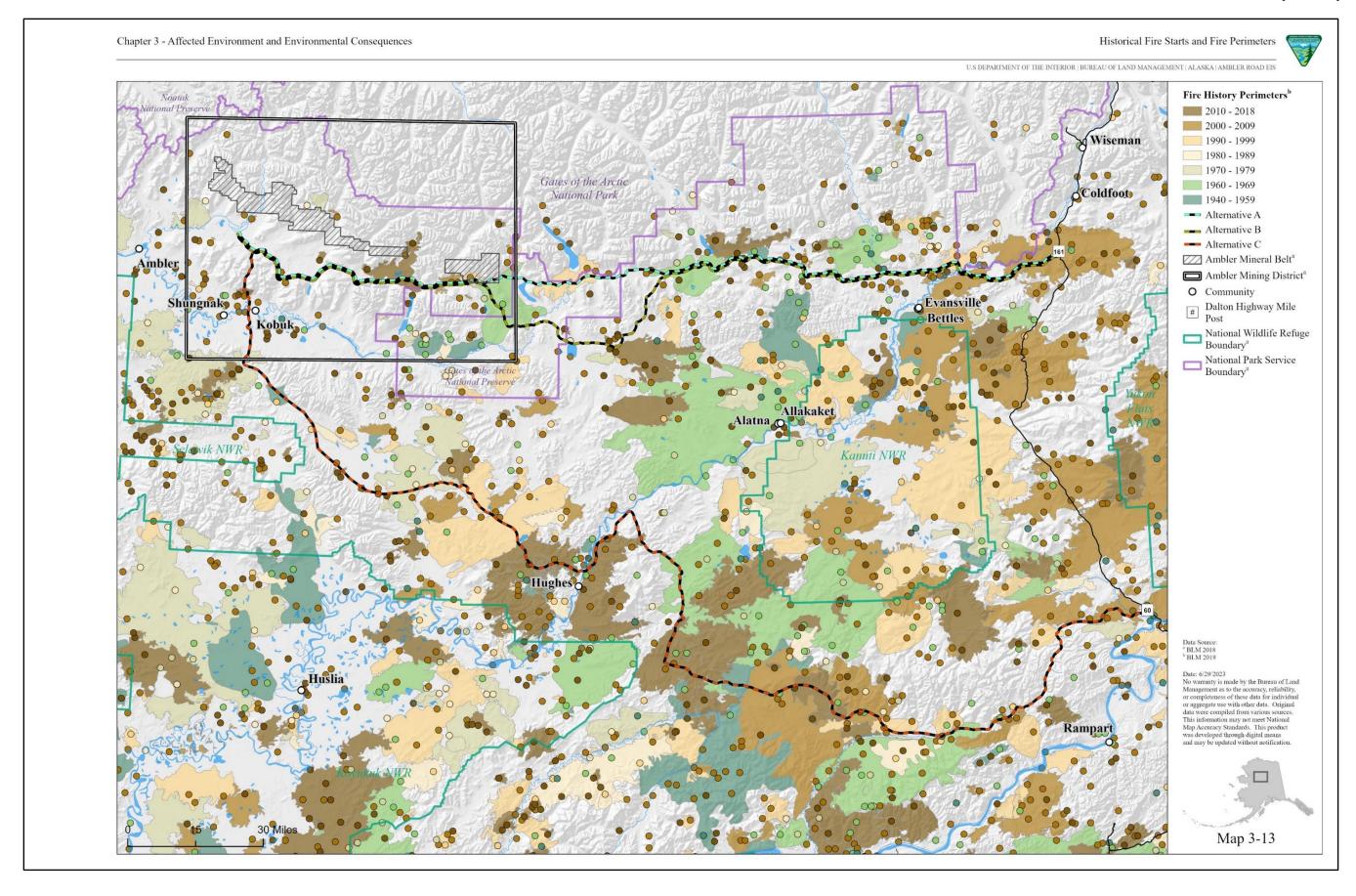


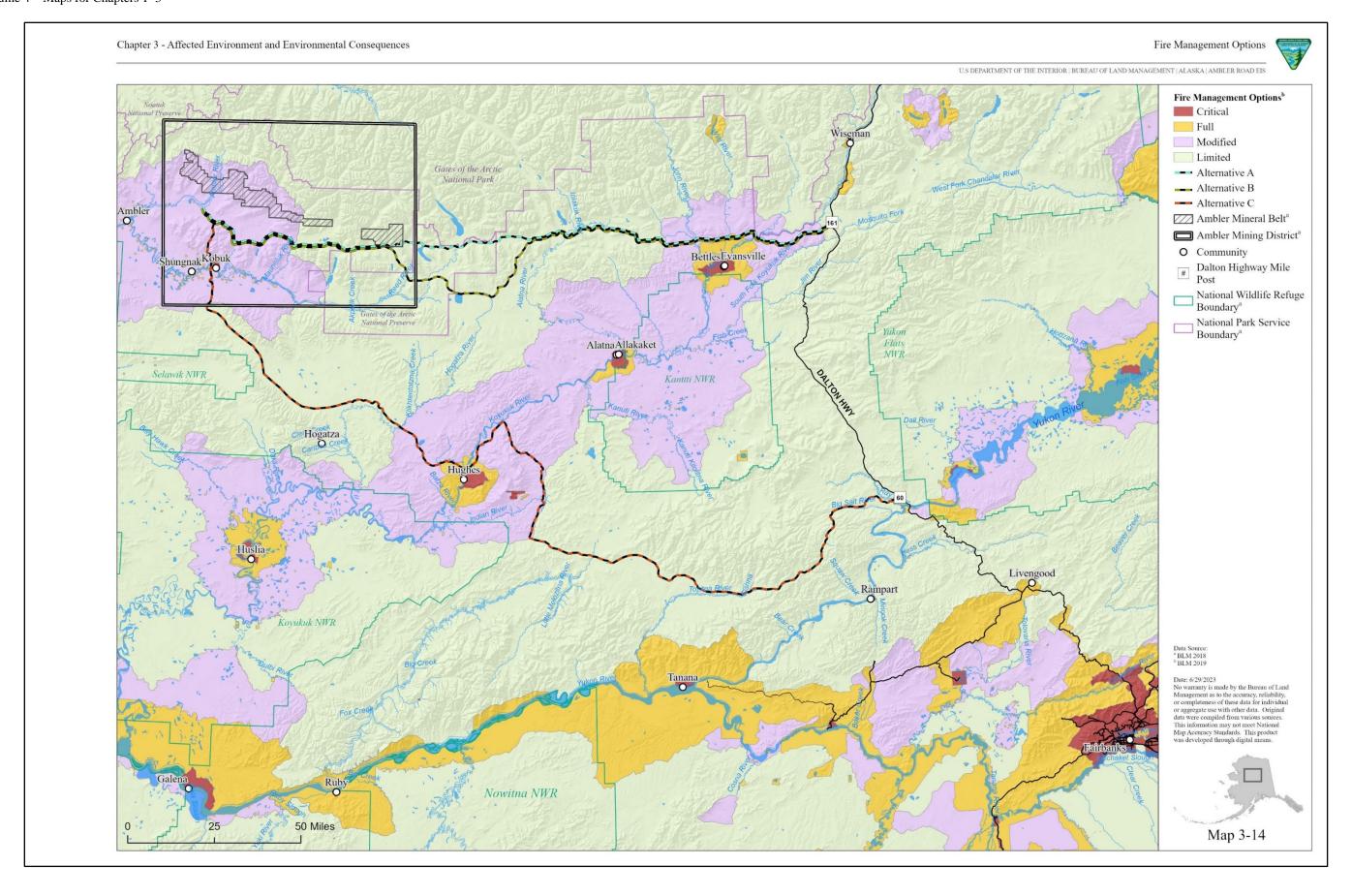


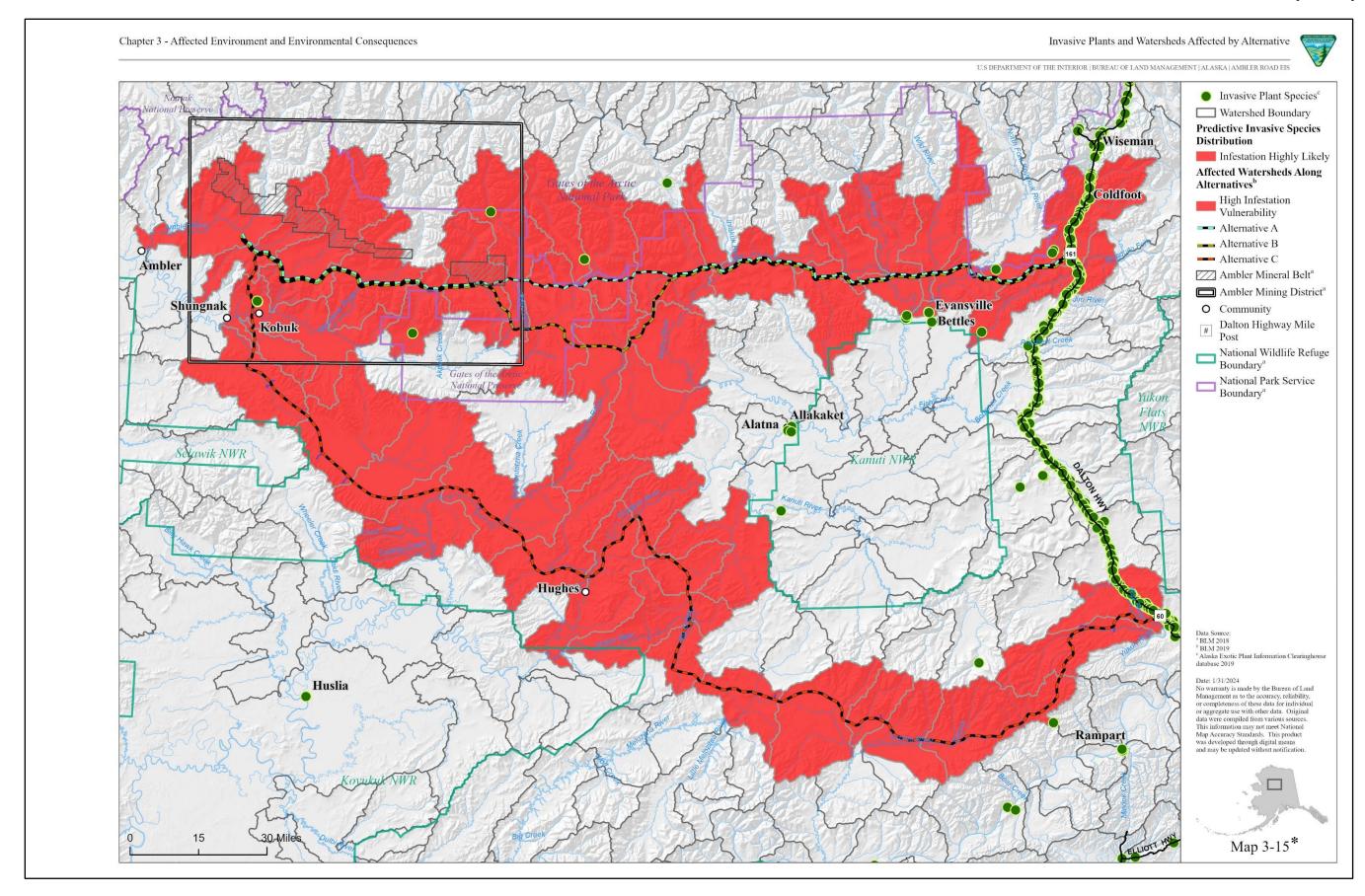


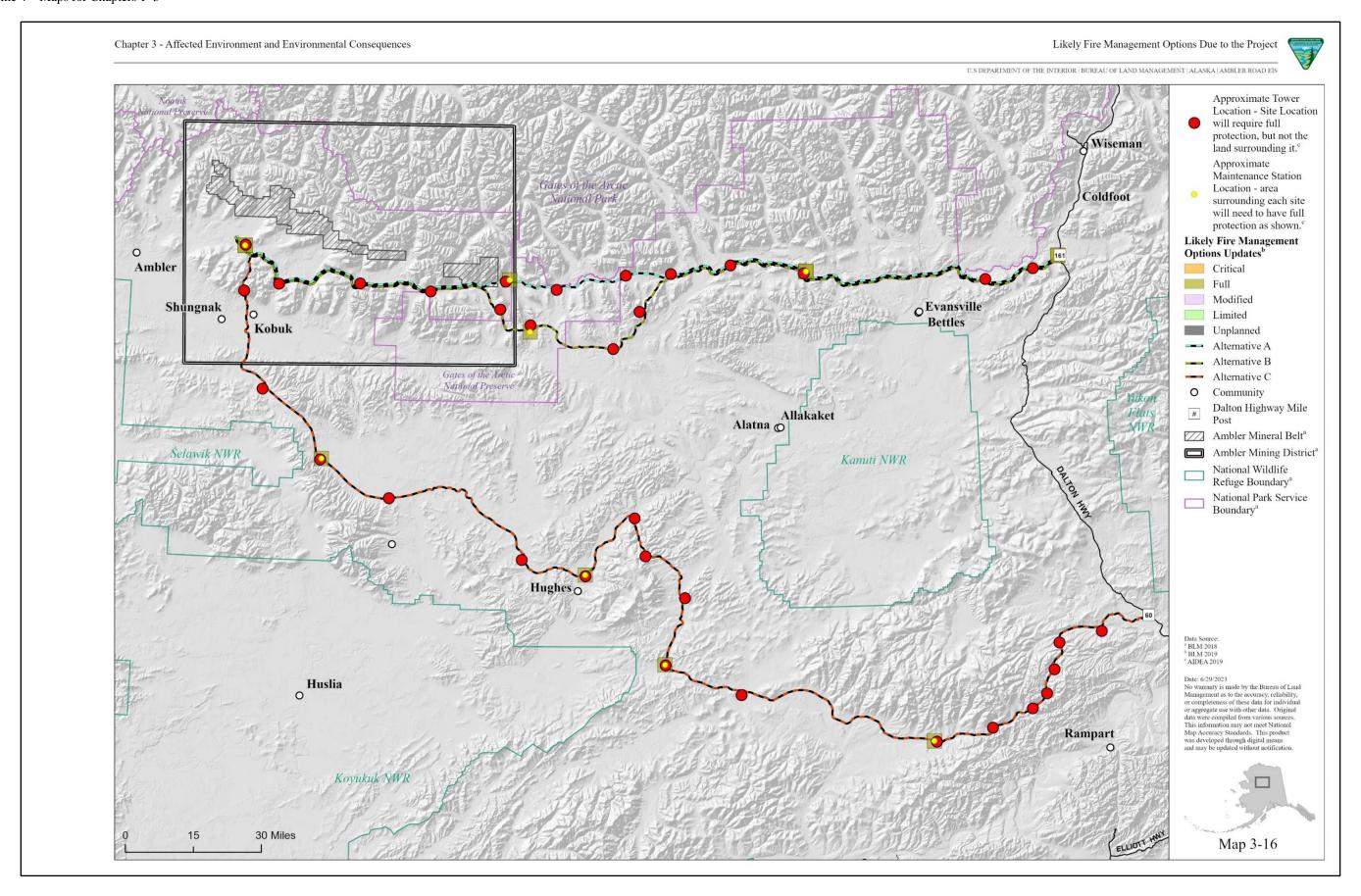


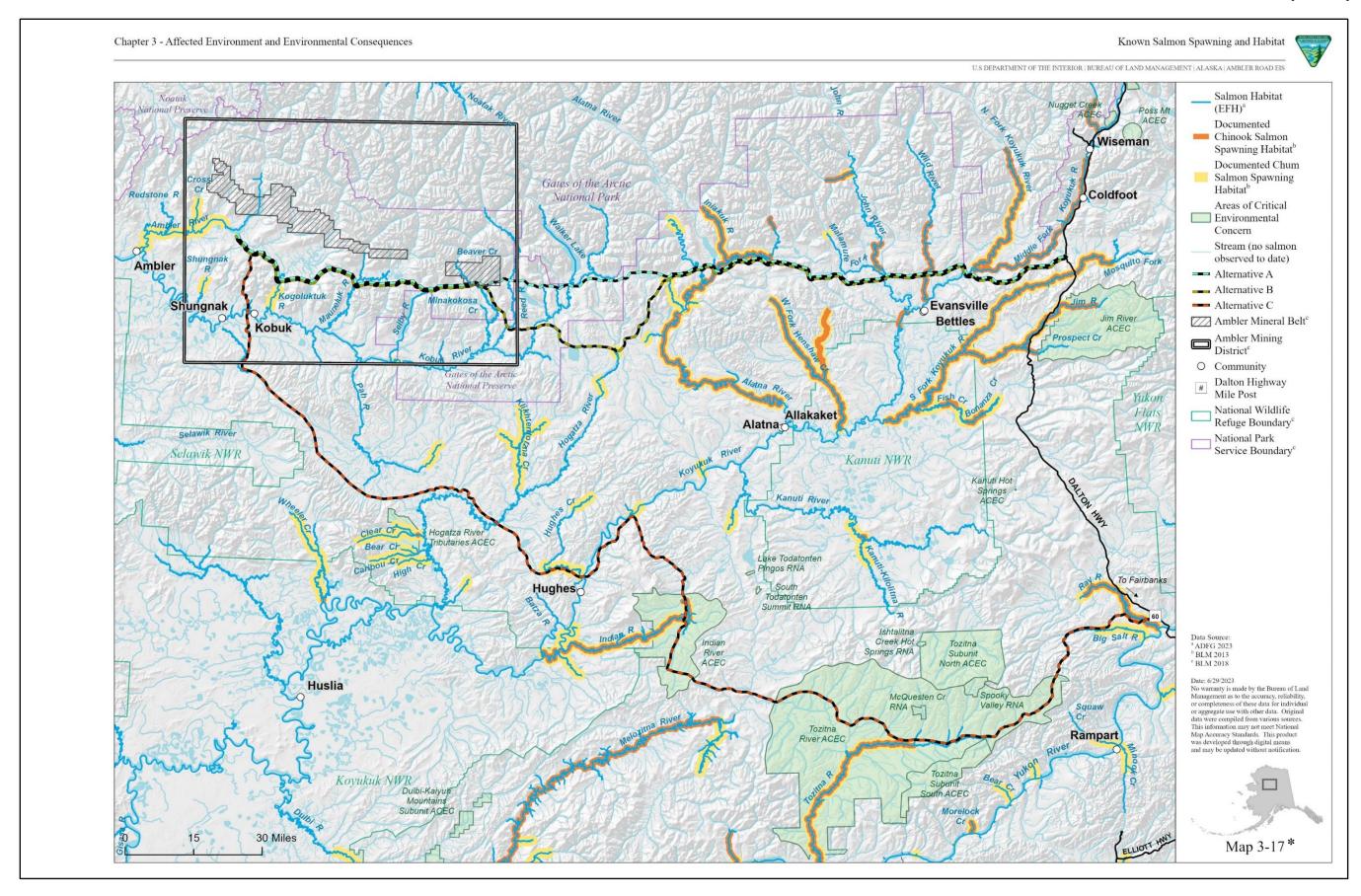


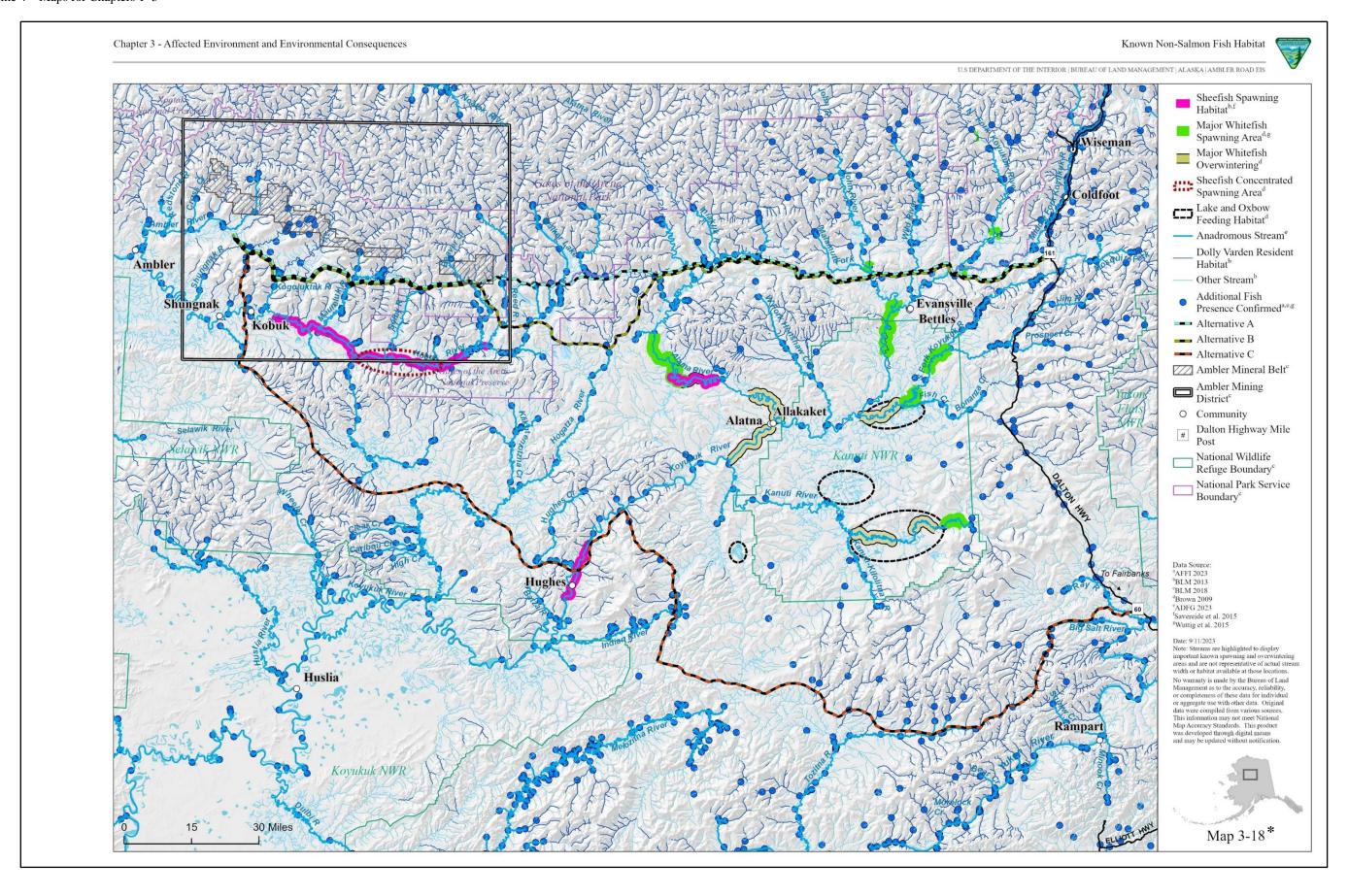


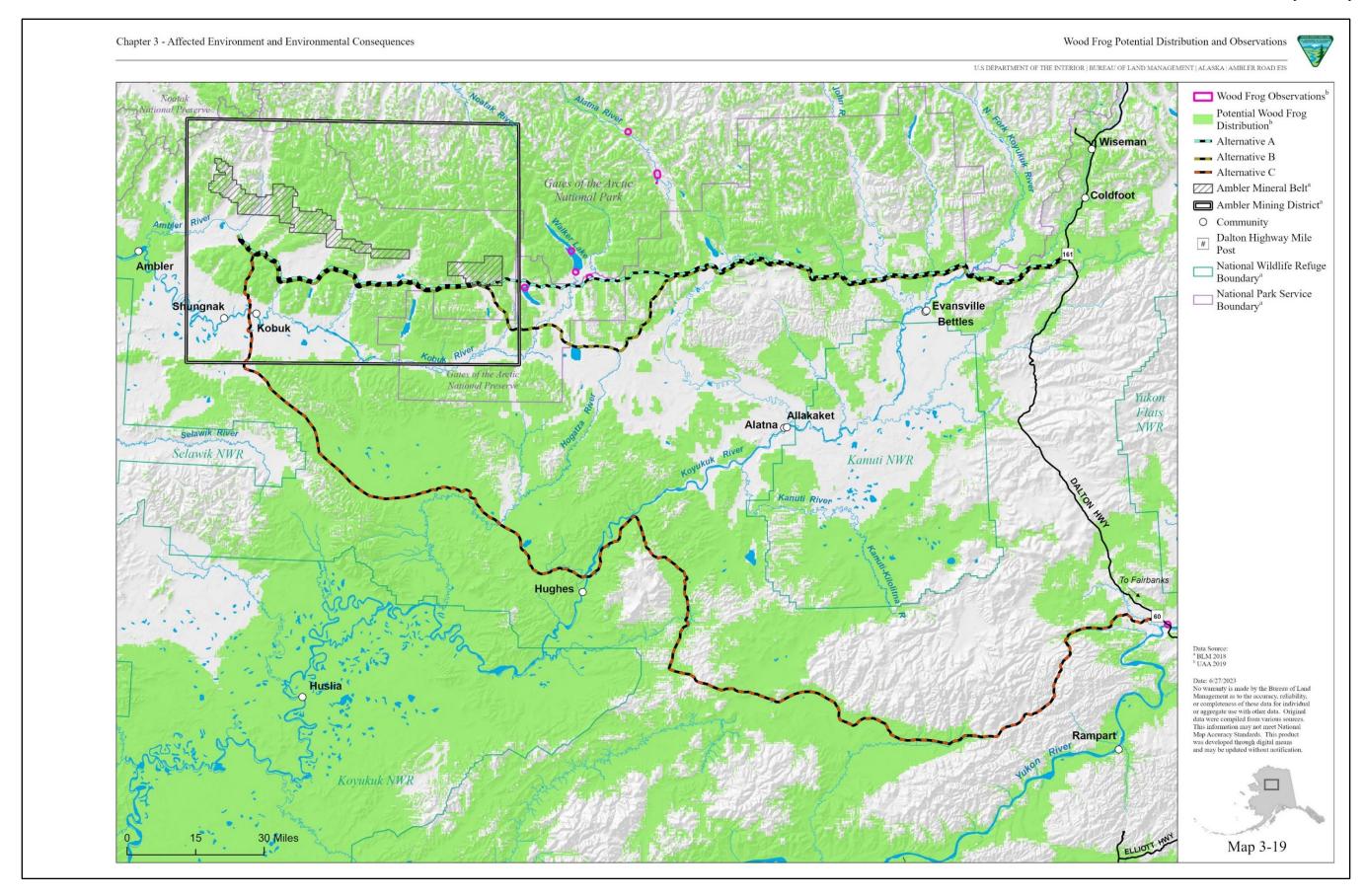


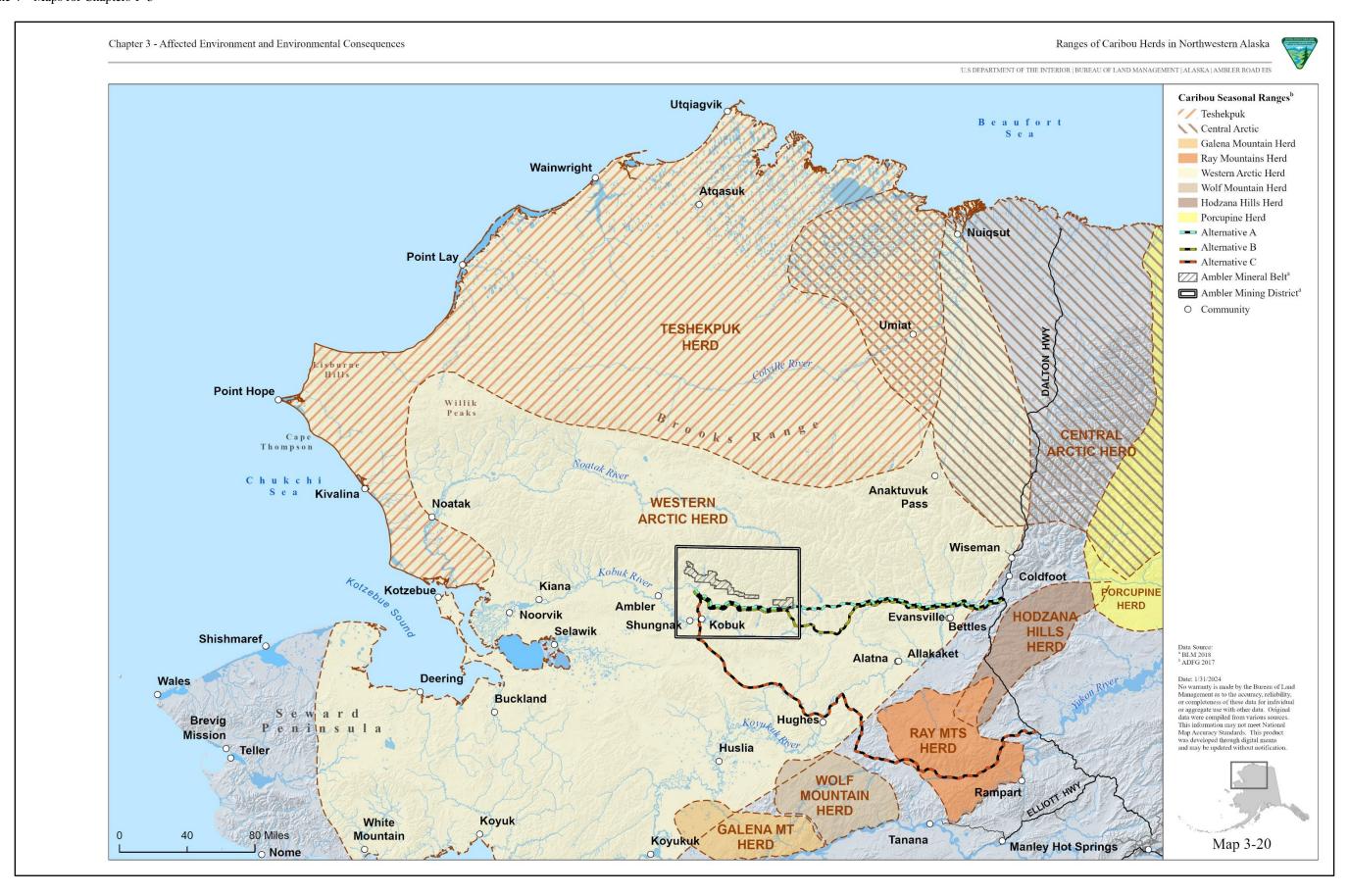


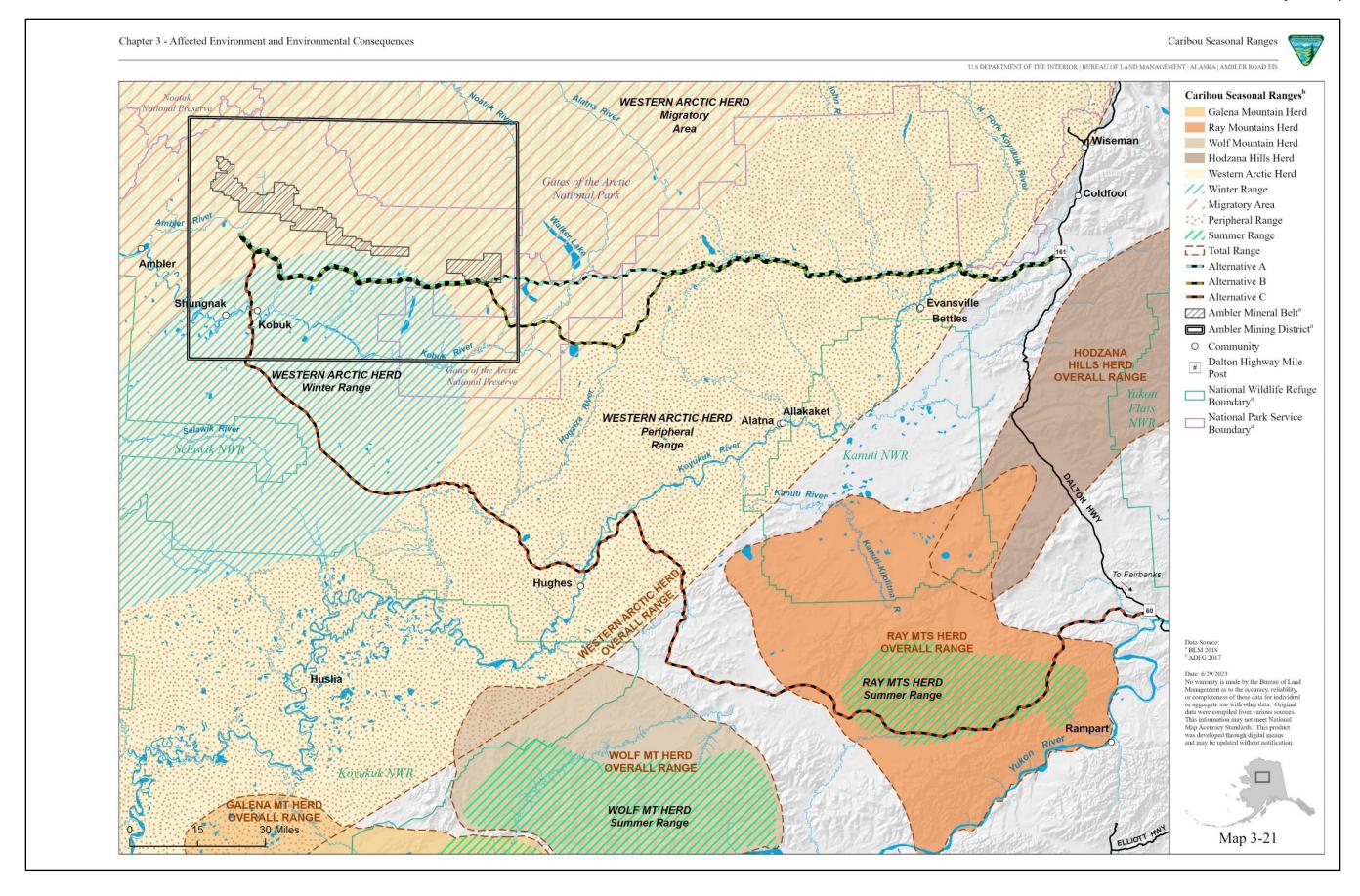


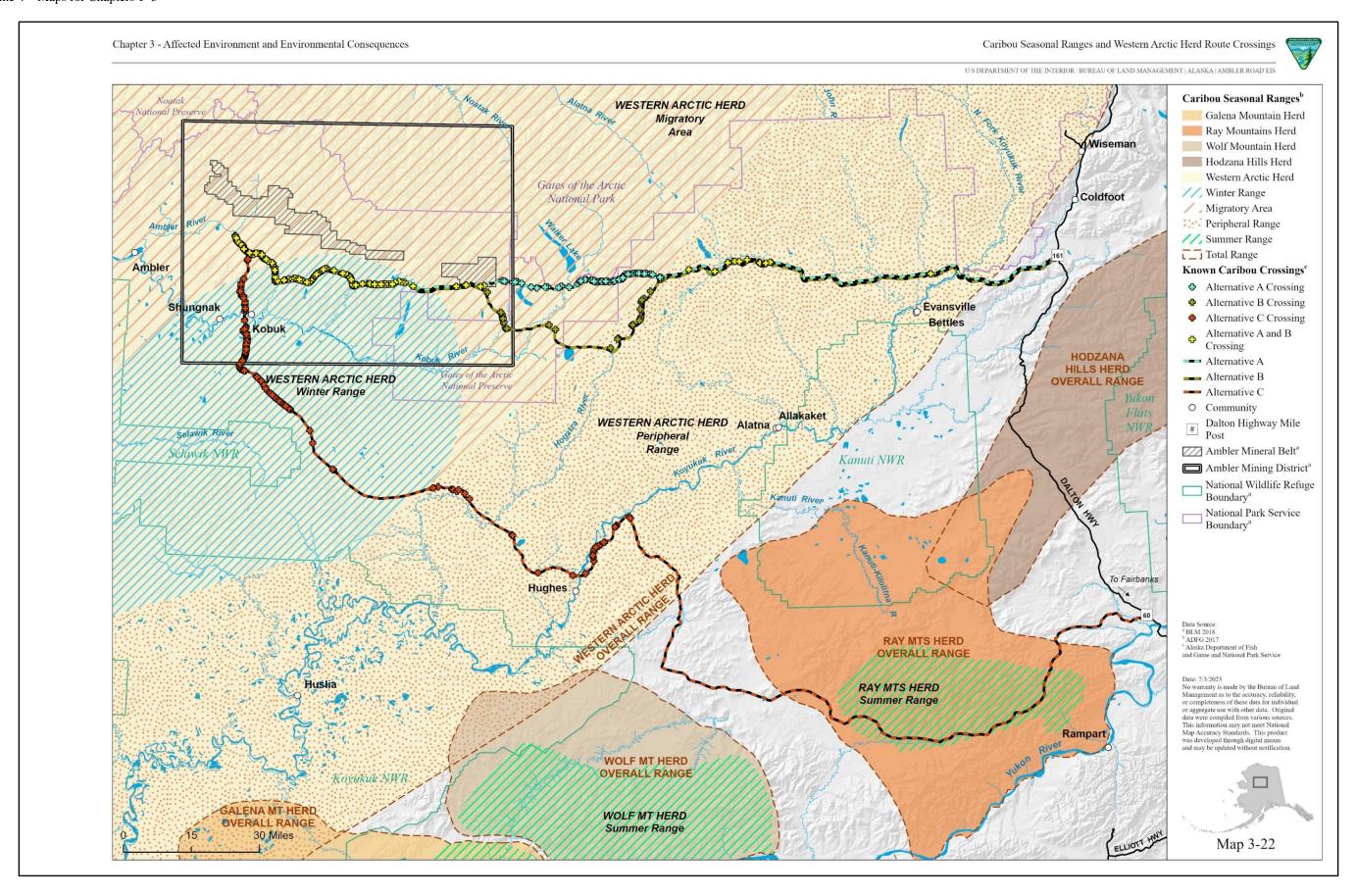






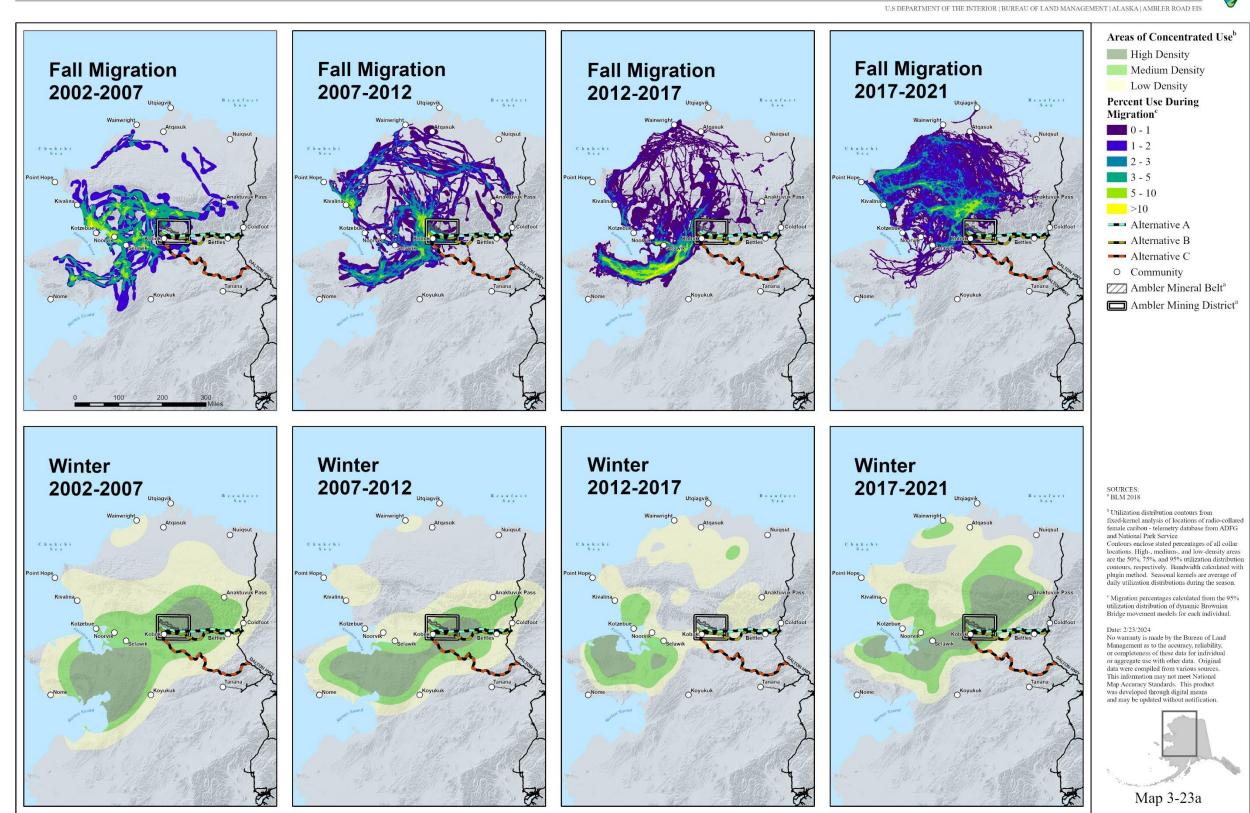






Fall and Winter Distribution of Collared Female Western Arctic Herd Caribou





Chapter 3 - Affected Environment and Environmental Consequences Number of Years Used for Caribou Winter Range U.S DEPARTMENT OF THE INTERIOR | BUREAU OF LAND MANAGEMENT | ALASKA | AMBLER ROAD EIS **Number of Annual Winter High-density Annual Winter Annual Winter Ranges** Rangesb 1 - 2 Ranges (50% Isopleths) (95% Isopleths) 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 Beaufort Sea Beaufort Sea 13 - 14 Utqiagvik Utqiagvik 15 - 16 Alternative A Alternative B Atqasuk Atqasuk Nuiqsut - Alternative C Nuiqsut Community Chukchi Sea Chukchi Ambler Mineral Belt^a Ambler Mining District^a Point Hope Point Hope Anaktuvuk Pass Anaktuvuk Pass Kivalina Kivalina Coldfoot Coldfoot Kotzebue Kotzebue Noorvik Bettles Bettles Selawik SOURCES: ^a BLM 2018 b50% and 95% isopleths calculated from fixed-kernel density analysis of locations of female caribou from the telemetry database from ADFG and the National Park Service. Bandwidth calculated with the plug-in method. Annual winter kernels were Tanana Koyukuk method. Annual winter kernels were calculated as the average of daily kernels calculated every other day throughout the winter season. different distributions calculated annually 1987–2022 except that the years 1987-2009 were combined into 3 kernels due to low sample sizes for a total of 16 years or year-groups. Date: 6/29/2023

No warranty is made by the Bureau of Land Management as to the accuracy, reliability, or completeness of these data for individual or aggregate use with other data. Original data were compiled from various sources. This information may not meet National Map Accuracy Standards. This product was developed through digital means and may be updated without notification.

Map 3-23b



