

Mertarvik Infrastructure Development Project
Outline for DEIS
March 29, 2107

The EIS will generally follow the recommended format provided in the CEQ Regulations (40 CFR 1502.10(a) through (k)). The DEIS (and FEIS) will include the topics below, and follow the general outline shown. Some topics maybe reorganized or re-categorized as the information is developed.

Cover Page

Executive Summary

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List of Acronyms

1. Introduction

- 1.1 Study Authority
- 1.2 Study Sponsor
- 1.3 Study Location and Scope
- 1.4 Study Participants
- 1.5 History and Related Studies and Reports

2. Purpose and Need

- 2.1 Problems and Opportunities
- 2.2 Community Concerns
- 2.3 Environmental Concerns
- 2.4 Other Agency Concerns

3. Alternatives

- 3.1 Introduction
- 3.2 Formulation of Alternatives

[Description/history of how Newtok/DOWL/DC arrived at Alternatives].

- 3.3 No Action Alternative
- 3.4 Maintain Existing Community in Place Alternative
- 3.5. Relocation of Population to Existing Communities Alternatives
- 3.6 Construction of New Community Site Alternatives
 - 3.6.1 Community Location Alternatives (*i.e., Mertarvik vs.other regional locations*)
 - 3.6.2 Mertarvik Layout Alternatives
 - 3.6.3 Airport Site Alternatives
- 3.7 Comparison of Alternatives and Selected Alternatives

4. Affected Environment (Existing Conditions) and Environmental Consequences

(Physical Environment)

4.1 Geology and Soils

4.1.1. Affected Environment

4.1.2. Impacts

4.2 Hydrology and Hydraulics

4.2.1. Affected Environment

4.2.2. Impacts

4.3 Groundwater Resources

4.3.1. Affected Environment

4.3.2. Impacts

4.4 Surface Water Resources

4.4.1. Affected Environment

4.4.2. Impacts

4.5 Climate and Climate Change

4.5.1. Affected Environment

4.5.2. Impacts

(Biological Environment)

4.6 Biological Setting and Habitat

4.6.1. Affected Environment

4.6.2. Impacts

4.7 Federal and State Protected Species

4.7.1. Affected Environment

4.7.2. Impacts

4.8 Migratory Birds

4.8.1. Affected Environment

4.8.2. Impacts

4.9 Anadromous Streams and Essential Fish Habitat

4.9.1. Affected Environment

4.9.2. Impacts

4.10 Wetlands and other Special Aquatic Sites

4.10.1. Affected Environment

4.10.2. Impacts

4.11 Protected Lands *[to include refuges, wilderness areas, park lands]*

4.11.1. Affected Environment

4.11.2. Impacts

(Human Environment)

4.12 Community and Cultural Environment *[to include Social Impacts/Induced Socioeconomic Effects]*

4.12.1 Affected Environment

4.12.2 Impacts

4.13 Public Health and Safety *[to include Hazards and Hazardous Materials]*

- 4.13.1. Affected Environment
 - 4.13.2. Impacts
 - 4.14 Public Services and Utilities *[to include Solid Waste, Energy Supply, Health Care Facilities, Educational Facilities]*
 - 4.14.1. Affected Environment
 - 4.14.2. Impacts
 - 4.15 Land Use and Planning
 - 4.15.1. Affected Environment
 - 4.15.2. Impacts
 - 4.16 Transportation and Traffic *[to include air, water, roads, and trails]*
 - 4.16.1. Affected Environment
 - 4.16.2. Impacts
 - 4.17 Air Quality
 - 4.17.1. Affected Environment
 - 4.17.2. Impacts
 - 4.18 Water Quality
 - 4.18.1. Affected Environment
 - 4.18.2. Impacts
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 - 4.19.1. Affected Environment
 - 4.19.2. Impacts
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 - 4.20.1. Affected Environment
 - 4.20.2. Impacts
 - 4.21 Socioeconomics and Environmental Justice
 - 4.21.1. Affected Environment
 - 4.21.2. Impacts
 - 4.22 Cultural Resources
 - 4.22.1. Affected Environment
 - 4.22.2. Impacts
 - 4.23 Other Required Analyses
 - 4.23.1 Secondary and Cumulative Effects
 - 4.23.2 Unavoidable Adverse Effects
 - 4.23.3 Data Gaps and Unresolved Issues
5. Public Involvement and Agency Coordination
- 5.1 NEPA Scoping Meetings
 - 5.2 Other Public and Agency Consultation Efforts
 - 5.3 Input Received Prior to Public Review
 - 5.4 Draft Report Distribution and Public Review

6. Regulatory Compliance and Consistency with Plans and Policies

6.1 Regulatory Compliance

[compliance summary table]

- National Environmental Policy Act
- Clean Water Act
- Endangered Species Act
- Fish and Wildlife Coordination Act
- Marine Mammal Protection Act
- National Historic Preservation Act

Etc.

[will also address major non-applicable regulations, e.g., Coastal Zone Mgt Act, Coastal Barrier Resources Act, etc.]

6.2 Executive Orders

e.g.,

- EO 11514, Protection and Enhancement of Environmental Quality
- EO 11988, Floodplain Management
- EO 13690, Federal Flood Risk Management Standards:
- EO 11990, Protection of Wetlands
- EO 12898, Environmental Justice
- EO 13045, Protection of Children from Environmental Health Risks and Safety Risks
- EO 13112, Invasive Species

Etc.

6.3 Local Plans and Policies

7. List of Preparers

8. References

APPENDICES

- Comments, Responses, and Resolution
- Interagency Correspondence
- FAA Closure Plan