

Appendix D
EM&CP Crosswalk with Joint Proposal Best Management Practices

| Joint Proposal App F CHPE Best Management Practices | EM&CP Narrative Section |
|--|---|
| 1.0 Introduction | Section 1.1 |
| 1.1 Best Management Practices | Section 1.1 |
| 1.2 General Planning Objectives | Section 1.1 |
| 1.3 Facility Sequencing and Construction Sequencing | Section 4.0, Appendix F |
| 2.0 Construction Supervision and Inspection | Section 3.1 |
| 2.1 Environmental Inspector | Section 3.1.2 |
| 2.2 Agricultural Inspector | Section 3.1.4 |
| 2.3 Aquatic Inspector | Section 3.1.5 |
| 2.4 Construction Inspector | Section 3.1.3 |
| 2.5 Safety Inspector | Section 3.1.6 |
| 2.6 Quality Control and Quality Assurance Inspector | Section 3.1.7 |
| 3.0 Site Preparation | Section 3.2; 3.3; 4.1; 14.2.1 |
| 3.1 Objectives | Section 3.2 |
| 3.2 Staking and Right-Of-Way Delineation (Survey) | Section 4.0; 4.7; 4.8 |
| 4.0 Erosion and Sediment Control | Section 3.3, 6.3 and SWPPP (Appendix F) |

| Joint Proposal App F CHPE Best Management Practices | EM&CP Narrative Section |
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| 4.1 Objectives | Appendix C |
| 4.2 Measures and Devices | Appendix C |
| 5.0 Vegetation Clearing in Upland Areas Along the Overland Route | Section 8.0 |
| 5.1 Objectives | Section 8.0 |
| 5.2 Definitions | Section 8.0 |
| 5.3 Equipment | Section 8.0 |
| 5.4 Clearing Methods and Procedures | Section 8.1, 8.2 |
| 5.5 Log Disposal | Section 8.0 |
| 5.6 Slash and Stump Disposal | Section 8.0 |
| 5.7 Vegetation Buffer Areas | Section 8.0 |
| 5.8 Walls and Fences | Section 14 |
| 6.0 Grading and Road Construction | Section 4.0 |
| 6.1 Objectives | Section 4.0 |
| 6.2 Techniques and Equipment | Appendix C |
| 6.3 Access Roads and Construction Paths | Appendix C; Section 4.0 |
| 7.0 Overland Cable Installation | Appendix C |
| 7.1 Preconstruction Studies | Section 3, 13 |

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| 7.2 Corridor Preparation | Appendix C |
| 7.3 Traditional Trench and Spoil Method | Section 4.4, 4.11 |
| 7.4 Series Installation Method | Section 4 |
| 7.5 Mechanical Rock Removal and Blasting | Not applicable to Astoria Annex. |
| 7.6 Trench Plugs | Section 6.3 |
| 7.7 Trench Dewatering | Section 6.3 |
| 8.0 Trenchless Cable Installation | Section 4.3 |
| 8.1 Horizontal Directional Drilling | Not applicable to Astoria Annex |
| 8.2 Jack and Bore | Section 4 |
| 8.3 Horizontal Directional Drilling and Jack and Bore Road Crossings | Not applicable to Astoria Annex |
| 8.4 Horizontal Directional Drilling at Shoreline Crossings | Not applicable to Astoria Annex. |
| 9.0 Underwater Cable Laying | Not applicable to Astoria Annex. |
| 9.1 Water Jetting/Hydro-Plow | Not applicable to Astoria Annex. |
| 9.2 Shear Plow | Not applicable to Astoria Annex. |
| 9.3 Conventional Dredging | Not applicable to Astoria Annex. |
| 9.4 Non-Burial Methods | Not applicable to Astoria Annex. |
| 10.0 Transportation and Utility Crossings | Section 12,13 |

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| 10.1 Road and Highway Crossings | Section 12 |
| 10.2 Railroad Crossings | Section 13.2 |
| 10.3 Utility Crossings | Section 13.2 |
| 11.0 General Cleanup and Restoration | Section 14.0 |
| 11.1 Cleanup | Section 14.1 |
| 11.2 Restoration | Section 14.2 |
| 12.0 Spill Prevention, Control, and Countermeasure Plan | Appendix I |
| 12.1 Regulatory Concerns | Appendix I |
| 12.2 Spill Control Equipment | Appendix I |
| 12.3 Storage and Handling | Section 5.6 |
| 12.4 Spill Response Procedures | Section 5.7; Appendix I |
| 12.5 Excavation and Disposal | Appendix I |
| 12.6 Hazardous Waste Contact | Appendix I |
| 12.7 Notifications of Hazardous Material | Section 3.3; Appendix I |
| 12.8 Hazardous Material Handling and Water Disposal | Appendix I |
| 12.9 On-Water and Underwater Spill Prevention, Control, and Countermeasures of Petroleum Products | Not applicable to Astoria Annex. |

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| 13.0 Communications Plan | Section 3.0; Appendix F; Appendix I |
| 13.1 Aquatic Safety and Communications Plan | Not applicable to Astoria Annex. |
| 13.2 Operational Phase Communications Plan | Appendix F |
| 14.0 Operations, Right-Of-Way Management and Maintenance | Appendix F |
| 14.1 Right-Of-Way Maintenance | Appendix F |
| 14.2 Inspection | Appendix F |
| 14.3 Vegetation Maintenance | Appendix F |
| 14.4 Site Access | Appendix F |
| 14.5 Permanent Stormwater Features | Not applicable to Astoria Annex. |
| 14.6 Facility Location and Identification Markers | Section 13 |
| 14.7 Above-Ground Facilities | Not applicable to Astoria Annex. |
| 15.0 Procedures for Identification and Protection of Sensitive Resources | Section 9.0; Appendix F |
| 16.0 Threatened and Endangered Wildlife Species and Rare, Threatened, and Endangered Plant Species | Section 9.3; Appendix K |
| 16.1 Overland Route | Section 1; Appendix C |
| 16.2 Underwater Route | Not applicable to Astoria Annex. |
| 16.3 Unanticipated Discovery of Threatened and Endangered Species | Section 9.3.3; Appendix F |
| 17.0 Cultural Resources | Section 11; Appendix L |

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| 17.1 Cultural Resources Management Plan | Section 11; Appendix L |
| 17.2 Use of Qualified Cultural Resources Professionals | Section 11 |
| 17.3 Procedures for the Inadvertent Discovery of Human Remains | Section 11 |
| 17.4 Standards for Cultural Resources Investigations in New York | Section 11; Appendix H |
| 18.0 Waterbody Crossing Procedures and Protection Measures | Section 9.1 |
| 18.1 Introduction | Section 9 |
| 18.2 Mitigation Measures to Comply with Standards and Minimize Impact | Section 9.1 |
| 18.3 Equipment Crossings | Section 9.1 |
| 18.4 Stream Protection Measures, Cleanup, and Restoration | Section 9.1 |
| 19.0 Wetland and Other Water Resources Protection | Section 9 |
| 19.1 Introduction | Section 9.1 |
| 19.2 Wetland Construction Procedures | Section 9.1 |
| 19.3 Springs and Wells | Section 9.2 |
| 19.4 Cleanup and Restoration | Section 14 |
| 20.0 Agricultural Lands | Not applicable to Astoria Annex. |
| 20.1 Types of Agricultural Lands | Not applicable to Astoria Annex. |
| 20.2 Clearing | Section 8.1 |

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| 20.3 Grading and Topsoil Segregation | Section 4.3 |
| 20.4 Drain Lines | Section 4.3 |
| 20.5 Cleanup and Restoration | Section 14 |
| 20.6 Revegetation | Section 14 |
| 20.7 Remediation and Monitoring | Section 14 |
| 21.0 Invasive Species Control Procedures | Section 9.4; Appendix K |
| 21.1 Plants | Section 9.3 |
| 21.2 Invasive Insect Control | Section 9.4 |
| 21.3 Aquatic Invasive Species Control Procedures | Section 9.4 |
| 21.4 Freshwater | Section 9.4 |
| 21.5 Estuarine | Not applicable to Astoria Annex. |
| 22.0 Alternative/Conflicting Land Use | Section 1.1 |
| 23.0 Steep Slopes, Highly Erodible Soils and Flood Plains | Section 4.0 as applicable |
| 23.1 Construction – Steep Slopes | Section 4.0 as applicable |
| 23.2 Restoration – Steep Slopes | Section 4.0 as applicable |
| 23.3 Post-Planting Erosion Control – Steep Slopes | Section 4.0, Appendix F (SWPPP) as applicable |
| 23.4 Post-Restoration Monitoring – Steep Slopes | Section 14.0 as applicable |

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| 23.5 Construction – Floodplains | Section 4.0 |
| 23.6 Restoration – Floodplains | Section 14.0 |
| 24.0 Visual Resources | Not applicable to Astoria Annex |
| 24.1 Overland Cable Impacts | Various Sections |
| 24.2 On-Water and Underwater Construction | Not applicable to Astoria Annex. |
| 25.0 Noise Impact and Mitigation | Section 10.0 |
| 25.1 Noise Sensitive Receptors | Section 10.4 |
| 25.2 Remediation and Control | Section 10.2 |
| 25.3 Converter Station | Not applicable to Astoria Annex. |
| 26.0 Construction Windows | Section 9.3 |
| 26.1 Overland Construction | Section 4 |
| 26.2 Underwater Construction | Not applicable to Astoria Annex. |