

**APPENDIX D**  
**CASE 10-T-0139**  
**BMP CROSSWALK**  
**ASTORIA HVDC CONVERTER STATION - SEGMENT 22**

**Appendix D**  
**EM&CP Crosswalk with Joint Proposal Best Management Practices (Appendix F)**

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	N/A
1.3 Facility Sequencing and Construction Sequencing	Section 4.0
2.0 Construction Supervision and Inspection	Section 3.0, 4.1.3.2
2.1 Environmental Inspector	Section 3.1.2
2.2 Agricultural Inspector	N/A
2.3 Aquatic Inspector	N/A
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 4.0
3.1 Objectives	Section 4.0
3.2 Staking and Right-Of-Way Delineation (Survey)	N/A
4.0 Erosion and Sediment Control	Appendix C, Appendix F

<b>Joint Proposal App F CHPE Best Management Practices</b>	<b>EM&amp;CP Narrative Section</b>
4.1 Objectives	Appendix F
4.2 Measures and Devices	Appendix F
5.0 Vegetation Clearing in Upland Areas Along the Overland Route	N/A
5.1 Objectives	N/A
5.2 Definitions	N/A
5.3 Equipment	N/A
5.4 Clearing Methods and Procedures	Section 8.0, 8.1.1
5.5 Log Disposal	N/A
5.6 Slash and Stump Disposal	N/A
5.7 Vegetation Buffer Areas	N/A
5.8 Walls and Fences	N/A
6.0 Grading and Road Construction	N/A
6.1 Objectives	N/A
6.2 Techniques and Equipment	N/A
6.3 Access Roads and Construction Paths	N/A
7.0 Overland Cable Installation	N/A
7.1 Preconstruction Studies	N/A

<b>Joint Proposal App F CHPE Best Management Practices</b>	<b>EM&amp;CP Narrative Section</b>
7.2 Corridor Preparation	N/A
7.3 Traditional Trench and Spoil Method	N/A
7.4 Series Installation Method	N/A
7.5 Mechanical Rock Removal and Blasting	N/A
7.6 Trench Plugs	N/A
7.7 Trench Dewatering	N/A
8.0 Trenchless Cable Installation	N/A
8.1 Horizontal Directional Drilling	N/A
8.2 Jack and Bore	N/A
8.3 Horizontal Directional Drilling and Jack and Bore Road Crossings	N/A
8.4 Horizontal Directional Drilling at Shoreline Crossings	N/A
9.0 Underwater Cable Laying	N/A
9.1 Water Jetting/Hydro-Plow	N/A
9.2 Shear Plow	N/A
9.3 Conventional Dredging	N/A
9.4 Non-Burial Methods	N/A
10.0 Transportation and Utility Crossings	N/A

<b>Joint Proposal App F CHPE Best Management Practices</b>	<b>EM&amp;CP Narrative Section</b>
10.1 Road and Highway Crossings	N/A
10.2 Railroad Crossings	N/A
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	Section 5.0; Appendix I
12.1 Regulatory Concerns	N/A
12.2 Spill Control Equipment	Section 5.5
12.3 Storage and Handling	Section 5.6
12.4 Spill Response Procedures	Section 5.7; Appendix I
12.5 Excavation and Disposal	Appendix G ; Appendix I; Appendix J
12.6 Hazardous Waste Contact	Appendix G; Appendix I; Appendix J
12.7 Notifications of Hazardous Material	Appendix J
12.8 Hazardous Material Handling and Water Disposal	Appendix I; Appendix J
12.9 On-Water and Underwater Spill Prevention, Control, and Countermeasures of Petroleum Products	N/A

<b>Joint Proposal App F CHPE Best Management Practices</b>	<b>EM&amp;CP Narrative Section</b>
13.0 Communications Plan	Appendix H
13.1 Aquatic Safety and Communications Plan	N/A
13.2 Operational Phase Communications Plan	N/A
14.0 Operations, Right-Of-Way Management and Maintenance	N/A
14.1 Right-Of-Way Maintenance	N/A
14.2 Inspection	Section 3.0, 3.2, 3.2.1, 3.2.2, 3.2.3 4.1.3.1
14.3 Vegetation Maintenance	Section 8.0; Appendix E
14.4 Site Access	Appendix E
14.5 Permanent Stormwater Features	Appendix F, Appendix C
14.6 Facility Location and Identification Markers	N/A
14.7 Above-Ground Facilities	Appendix C
15.0 Procedures for Identification and Protection of Sensitive Resources	Section 9.0; Appendix E
16.0 Threatened and Endangered Wildlife Species and Rare, Threatened, and Endangered Plant Species	Section 9.3
16.1 Overland Route	N/A
16.2 Underwater Route	N/A
16.3 Unanticipated Discovery of Threatened and Endangered Species	Section 9.3.1; Appendix E
17.0 Cultural Resources	Section 11; Appendix L

<b>Joint Proposal App F CHPE Best Management Practices</b>	<b>EM&amp;CP Narrative Section</b>
17.1 Cultural Resources Management Plan	Section 11; Appendix L
17.2 Use of Qualified Cultural Resources Professionals	Section 11.2; Appendix L
17.3 Procedures for the Inadvertent Discovery of Human Remains	Section 11.4; Appendix L
17.4 Standards for Cultural Resources Investigations in New York	Appendix L
18.0 Waterbody Crossing Procedures and Protection Measures	N/A
18.1 Introduction	N/A
18.2 Mitigation Measures to Comply with Standards and Minimize Impact	N/A
18.3 Equipment Crossings	N/A
18.4 Stream Protection Measures, Cleanup, and Restoration	N/A
19.0 Wetland and Other Water Resources Protection	Section 9.1
19.1 Introduction	Section 9.1
19.2 Wetland Construction Procedures	N/A
19.3 Springs and Wells	Section 9.2
19.4 Cleanup and Restoration	Section 14.0
20.0 Agricultural Lands	N/A
20.1 Types of Agricultural Lands	N/A
20.2 Clearing	N/A

Joint Proposal App F CHPE Best Management Practices	EM&CP Narrative Section
20.3 Grading and Topsoil Segregation	N/A
20.4 Drain Lines	N/A
20.5 Cleanup and Restoration	N/A
20.6 Revegetation	N/A
20.7 Remediation and Monitoring	N/A
21.0 Invasive Species Control Procedures	Section 9.4.1; Appendix K
21.1 Plants	N/A
21.2 Invasive Insect Control	Section 9.4.1; Appendix K
21.3 Aquatic Invasive Species Control Procedures	N/A
21.4 Freshwater	N/A
21.5 Estuarine	N/A
22.0 Alternative/Conflicting Land Use	N/A
23.0 Steep Slopes, Highly Erodible Soils and Flood Plains	N/A
23.1 Construction – Steep Slopes	N/A
23.2 Restoration – Steep Slopes	N/A
23.3 Post-Planting Erosion Control – Steep Slopes	N/A
23.4 Post-Restoration Monitoring – Steep Slopes	N/A



<b>Joint Proposal App F CHPE Best Management Practices</b>	<b>EM&amp;CP Narrative Section</b>
23.5 Construction – Floodplains	N/A
23.6 Restoration – Floodplains	N/A
24.0 Visual Resources	Section 10.5
24.1 Overland Cable Impacts	N/A
24.2 On-Water and Underwater Construction	N/A
25.0 Noise Impact and Mitigation	10.0; Appendix N
25.1 Noise Sensitive Receptors	Section 10.2
25.2 Remediation and Control	Section 10.3
25.3 Converter Station	EM&CP Narrative (All)
26.0 Construction Windows	Section 2.0
26.1 Overland Construction	N/A
26.2 Underwater Construction	N/A