



US Army Corps
of Engineers
Seattle District



WASHINGTON STATE
DEPARTMENT OF
E C O L O G Y

Joint Public Notice

Application for a Department of the Army Permit and a Washington Department of Ecology Water Quality Certification and/or Coastal Zone Management Consistency Concurrence

US Army Corps of Engineers
Regulatory Branch
Post Office Box 3755
Seattle, WA 98124-3755
Telephone (206) 764-6960
Attn: Olivia Romano, Project Manager

WA Department of Ecology
SEA Program
Post Office Box 47600
Olympia, WA 98504-7600
Telephone (360) 407-6068
Attn: SEA Program, Federal Permit
Coordinator

Public Notice Date: January 16, 2008
Expiration Date: February 15, 2008

Reference No.: NWS-2006-0595-SO
Name: Sea Breeze Olympia Converter
LP

Interested parties are hereby notified that the U.S. Army Corps of Engineers (Corps) and the Washington Department of Ecology (Ecology) have received an application to perform work in waters of the United States as described below and shown on the enclosed drawings.

The Corps will review the work in accordance with Section 404 of the Clean Water Act (CWA) and Section 10 of the Rivers and Harbors Act. Ecology will review the work pursuant to Section 401 of the CWA, with applicable provisions of State water pollution control laws and the Coastal Zone Management Act.

APPLICANT: Sea Breeze Olympic Converter LP
Lobby Box 91, Suite 1400, 333 Seymour Street,
Vancouver, British Columbia V6B 5A6
ATTN: Ms. Resja Campfens
Telephone: (604) 689-2991

LOCATION: Strait of Juan de Fuca, from the Canada/United State boundary to Port Angeles, Clallam County, Washington.

WORK: Installation of about 10.5 miles of direct current (DC) electrical transmission cable buried in trench for most of its length across the Strait. The work consists of trenching the cable into the sea floor using one of three methods: sea plow, hydro-jetting, or hydroplow. Under all three trenching methods, the sea floor sediment disturbed during trenching would fallback into the trench and bury the cable immediately after the cable is placed in the trench. The trench typically would be 3 to 5 feet deep and about 4 feet wide, actual trench depth and width will vary depending on sea bed conditions. In some areas the cable may rest on the sea floor. Up to 29,000 cubic yards of sediment will be initially displaced by the cable installation. The southern end of the cable would enter the Port Angeles Harbor about 0.9 miles to the east of Ediz Hook point. The cable would be installed using horizontal directional drill (HDD) method. The HDD would extend from a point along North Liberty Street, south of Caroline Street, in Port Angeles, under the shoreline and bluff, to a exit point about 1500 feet waterward of Mean High Water (MHW) line, in a water depth of about -42 feet Mean Low Lower Water (MLLW) line. At the HDD exit point, an area would be excavated in the sea bed to facilitate the threading of the cable through the HDD hole and to collect drilling fluids and soil cuttings so that they can be removed. About 40 cubic yards of marine sediment will be excavated at the HDD exit point these sediments will be placed on boat/barge and used to backfill the HDD hole.

PURPOSE: To install and operate a 550-MW power transmission system between Victoria, British Columbia, Canada and Port Angeles, Washington, U.S.A..

ADDITIONAL INFORMATION – U.S Department of Energy (DOE) is the lead federal agency on the project. Sea Breeze has applied to the DOE: Office of Electricity Delivery and Energy Reliability(for a Presidential permit for the international border crossing of its project. Sea Breeze also submitted a request to DOE: Bonneville Power Administration (BPA) for interconnection into the federal transmission system. DOE and BPA completed an Environmental Impact Statement (EIS) entitled “Port Angeles-Juan de Fuca Transmission Project” on the proposed project on October 4, 2007. Copies of the final EIS can be obtained by call 1-800-622-4520 or on BPA website at http://www.efw.bpa.gov/environmental_services/Documents_Library/Port_Angeles/.

Copies of this public notice which have been mailed or otherwise physically distributed feature project drawings in black and white. The electronic version features those drawings in color, which we think more accurately communicates the scope of project impacts. To access the electronic version of this public notice, go to the Seattle District’s web page at <http://www.nws.usace.army.mil/> and scroll down the alphabetical listing of District elements, and click on “Regulatory” and then “Regulatory – Permits” for the Seattle District’s Regulatory homepage. Select the prominently displayed “Public Notices” heading and a list of recently-issued public notices will appear, in chronological order of the date of issuance. Select and view the listing for this project.

ENDANGERED SPECIES: The U.S. Department of Energy (DOE) as the lead agency for ESA consultation will consult with the National Marine Fisheries Service (NMFS) and/or the U.S. Fish and Wildlife Service (USFWS) as required under Section 7 of the ESA. DOE has determined that the project “may affect, not likely to adversely affect” proposed and/or listed species and their designated critical habitat: Puget sound chinook, Hood canal summer-run chum, Puget sound steelhead, Humpback whale, Southern residence killer whale, Steller sea lion, Brown pelican, Marbled murrelet and Coastal/Puget sound bull trout. By letter dated November 21, 2007, USFWS concurred with DOE determination for brown pelican, marbled murrelet and bull trout. Section 7 consultation with National Marine Fisheries Service is in progress.

ESSENTIAL FISH HABITAT: The Magnuson-Stevens Fishery Conservation and Management Act, as amended by the Sustainable Fisheries Act of 1996, requires all Federal agencies to consult with the NMFS on all actions, or proposed actions, permitted, funded, or undertaken by the agency, that may adversely affect Essential Fish Habitat (EFH). The proposed action would impact EFH in the project area. The U.S. Department of Energy (DOE), as the lead agency for a determination regarding EFH, consultation with the National Marine Fisheries Services is in progress.

CULTURAL RESOURCES: The U.S. Department of Energy (DOE), as the lead agency for determining compliance with Section 106 of the National Historic Preservation Act, has made a determination of No Historic Properties Affected. The State Historic Preservation Office concurred with DOE determinations by letter dated September 5, 2007. This public notice initiates consultation under Section 106 of the National Historic Preservation Act with any Tribe that has information or concerns with historic properties in the proposed permit area.

PUBLIC HEARING: Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for public hearings shall state, with particularity, the reasons for holding a public hearing.

EVALUATION – CORPS - The decision whether to issue a permit will be based on an evaluation of the probable impacts, including cumulative impacts, of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefits, which reasonably may be expected to accrue from the proposal, must be balanced against its reasonably foreseeable detriments. All factors

which may be relevant to the proposal will be considered, including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, floodplain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, considerations of property ownership, and, in general, the needs and welfare of the people.

The Corps is soliciting comments from the public; Native American Nations or tribal governments; Federal, State, and local agencies and officials; and other interested parties in order to consider and evaluate the impacts of this activity. Any comments received will be considered by the Corps to determine whether to issue, modify, condition or deny a permit for the work. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the activity.

The described discharge will be evaluated for compliance with guidelines promulgated by the Environmental Protection Agency under authority of Section 404(b)(1) of the CWA. These guidelines require an alternatives analysis for any proposed discharge of dredged or fill material into waters of the United States.

EVALUATION—ECOLOGY: Ecology is soliciting comments from the public; Federal, Native American Nations or tribal governments, State, and local agencies and officials; and other interested parties in order to consider and evaluate the impacts of this activity. Ecology will be considering all comments to determine whether to certify or deny certification for the proposed project.

ADDITIONAL EVALUATION:

This proposal is the subject of Shorelines Substantial Development Permit No. SMA06-04 which has been issued by City of Port Angeles, Clallam County on August 9, 2006.

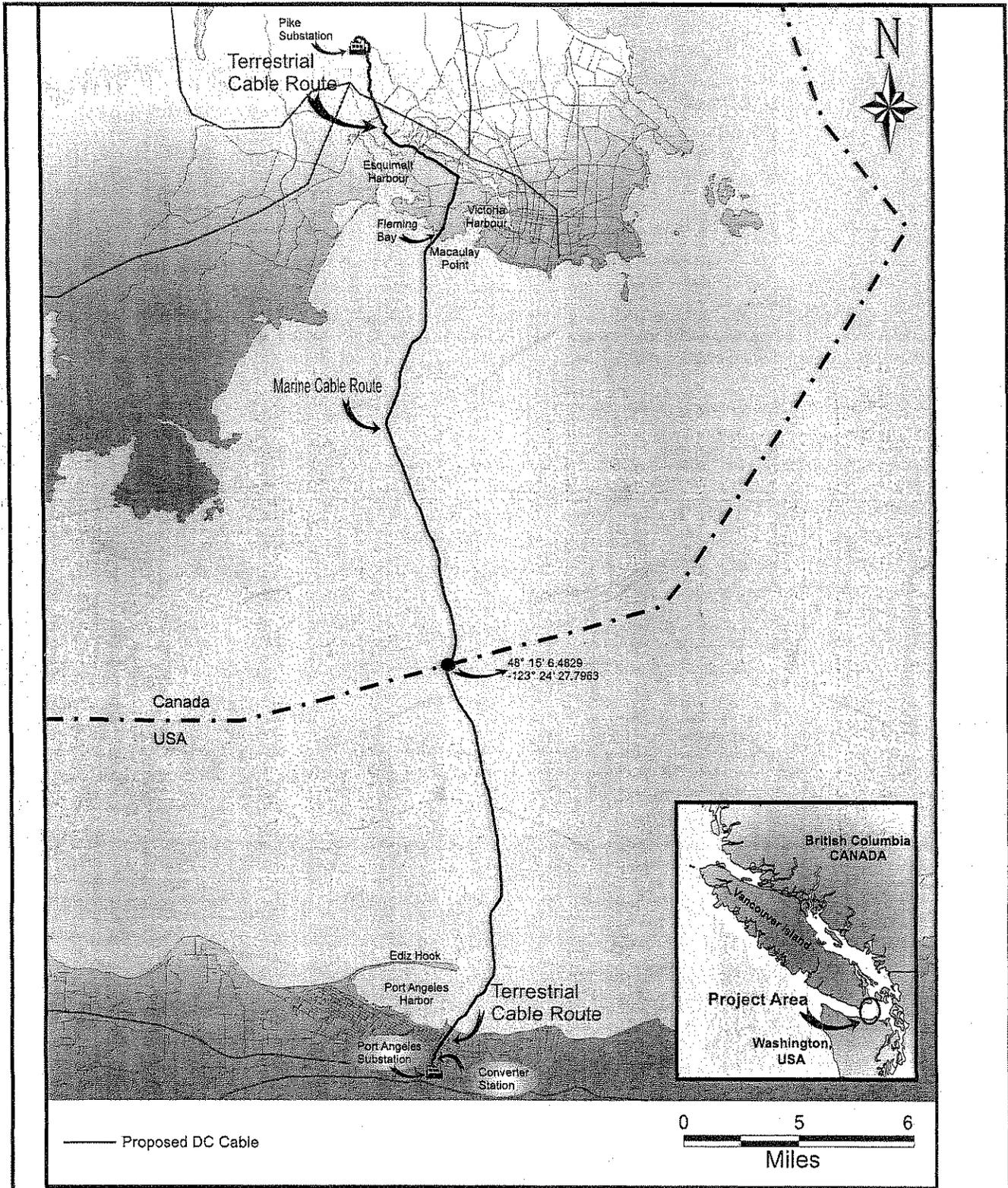
COMMENT AND REVIEW PERIOD: Conventional mail or e-mail comments on this public notice will be accepted and made part of the record and will be considered in determining whether it would be in the public interest to authorize this proposal. In order to be accepted, e-mail comments must originate from the author's e-mail account and must include on the subject line of the e-mail message the permit applicant's name and reference number as shown below. Either conventional mail or e-mail comments must include the permit applicant's name and reference number, as shown below, and the commentator's name, address, and phone number. All comments whether conventional mail or e-mail must reach this office, no later than the expiration date of this public notice to ensure consideration.

Corps comments: All e-mail comments should be sent to Olivia.h.romano@usace.army.mil. Conventional mail comments should be sent to U.S. Army Corps of Engineers, Regulatory Branch, Attn: Olivia Romano, Post Office Box 3755, Seattle, Washington, 98124-3755.

Ecology Comments: Any person desiring to present views on the project pertaining to a request for water quality certification under Section 401 of the CWA and/or Coastal Zone Management consistency concurrence, may do so by submitting written comments to the following address: Department of Ecology, Attn: SEA program – Federal Permit Coordinator, P.O. Box 47600, Olympia, Washington, 98504-7600, or e-mail to ecyrefedpermit@ecy.wa.gov

To ensure proper consideration of all comments, responders must include the following name and reference number in the text of their comments: Sea Breeze Olympic Converter LP; NWS-2006-595-SO

Encl: Figures (7)



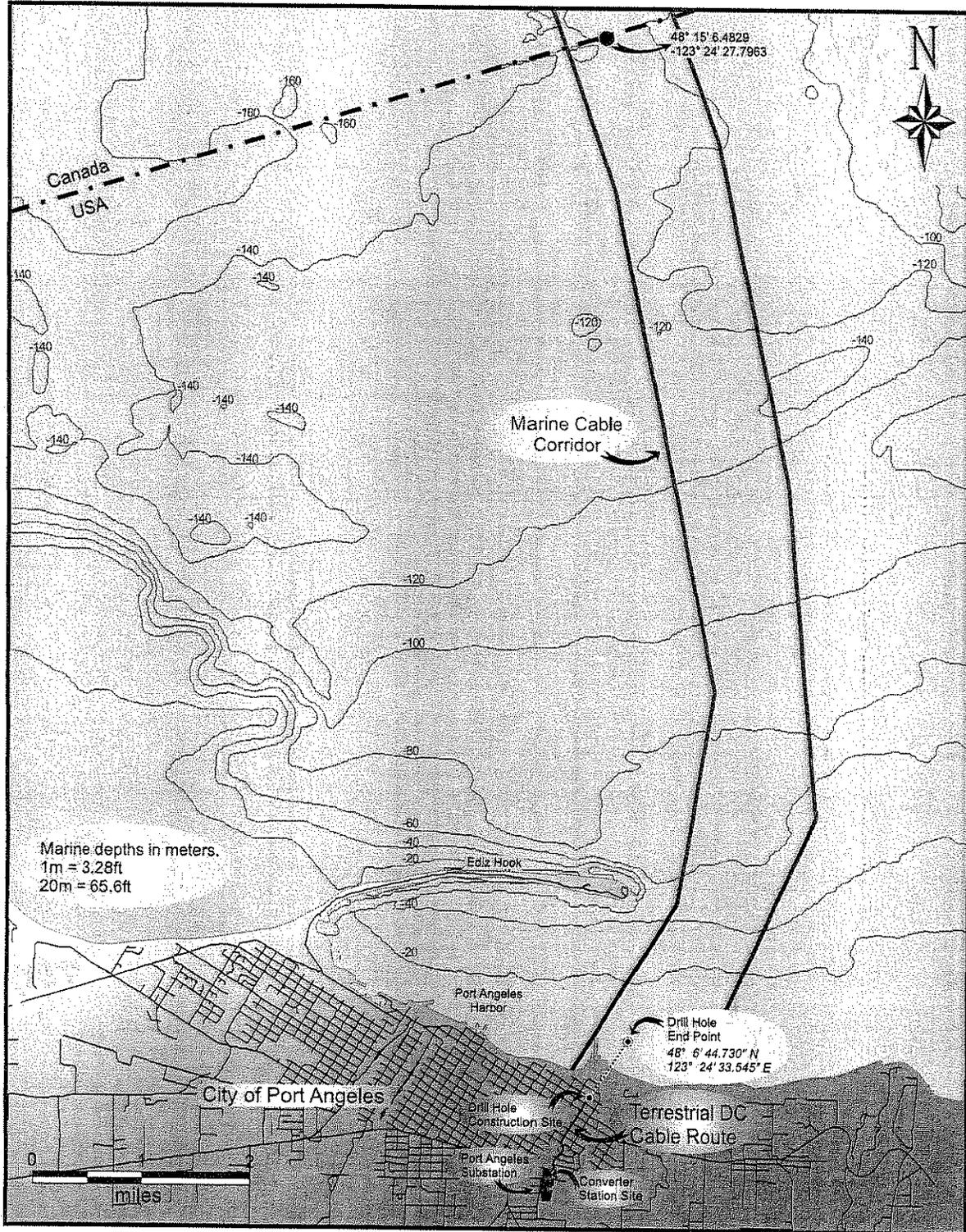
Source: Sea Breeze 2006.

Port Angeles - Juan de Fuca Transmission Project
Port Angeles, Washington

Corps Ref. No.:	NWS-2006-595	Project Location:	Port Angeles, WA
Applicant:	Sea Breeze Olympic Converter, L.P.	Proposed Work:	Installation of a Submarine Power Cable from Victoria, British Columbia to Port Angeles, Washington

Figure 1 of 7
Project Location

Date: 11/1/07 Figure No.: 1 of 7



Source: Sea Breeze 2006.

Port Angeles - Juan de Fuca Transmission Project
Port Angeles, Washington

Corps Ref. No.: NWS-2006-595

Project Location: Port Angeles, WA

Applicant: Sea Breeze Olympic Converter, L.P.

Proposed Work: Installation of a Submarine Power Cable from Victoria, British Columbia to Port Angeles, Washington

Figure 2 of 7

Marine Corridor for Proposed Action

Date: 11/1/07

Figure No.: 2 of 7

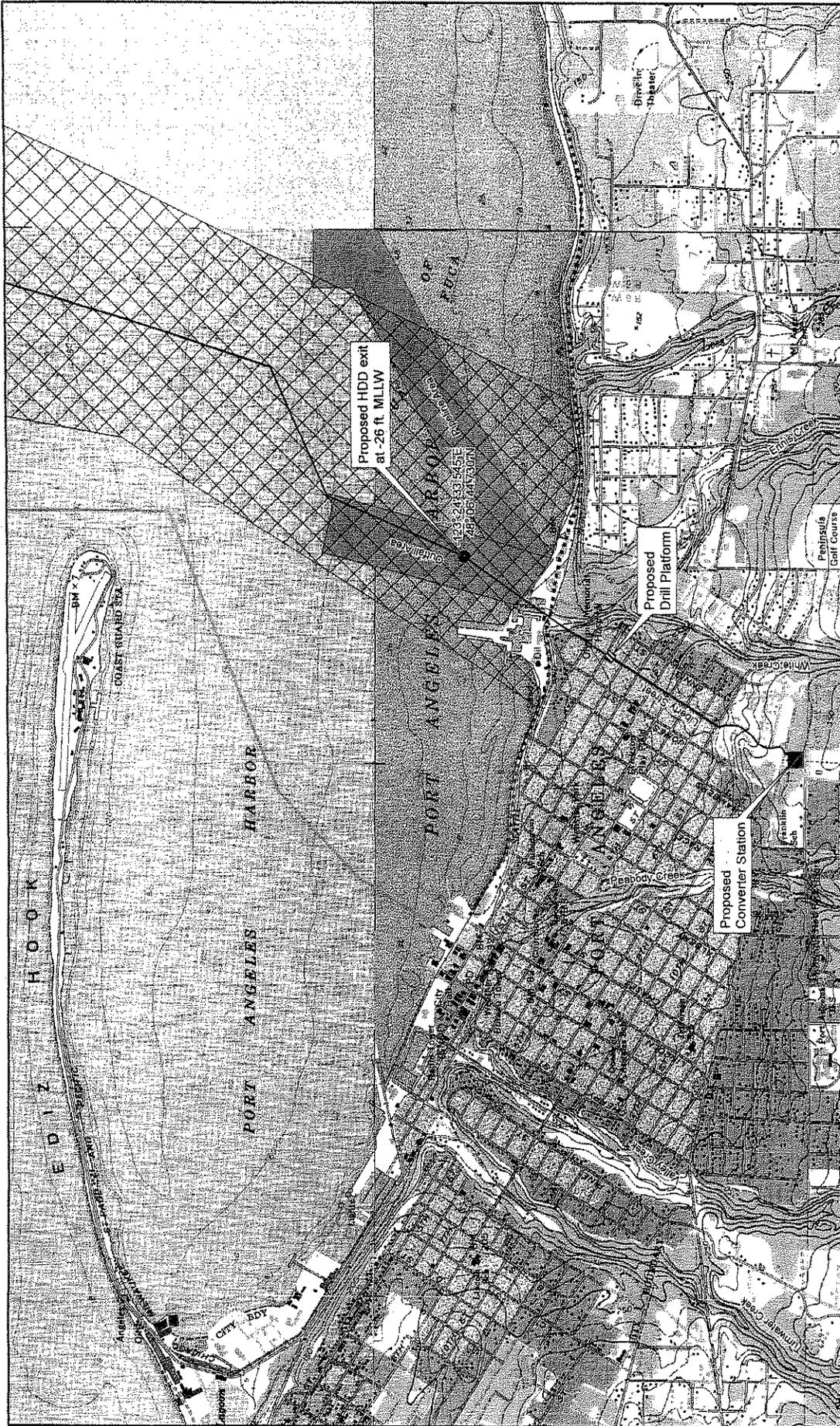


Figure 3 of 7

PROPOSED CABLE ROUTE

Corps reference #: NWS-2006-596;
 Applicant: Sea Breeze Olympic Converter, L.P.
 Proposed work: Installation of a submarine power cable from Victoria, British Columbia to Pt Angeles, WA
 Project location: Pt. Angeles, WA

Figure 3 of 7

Date: 11/1/2007

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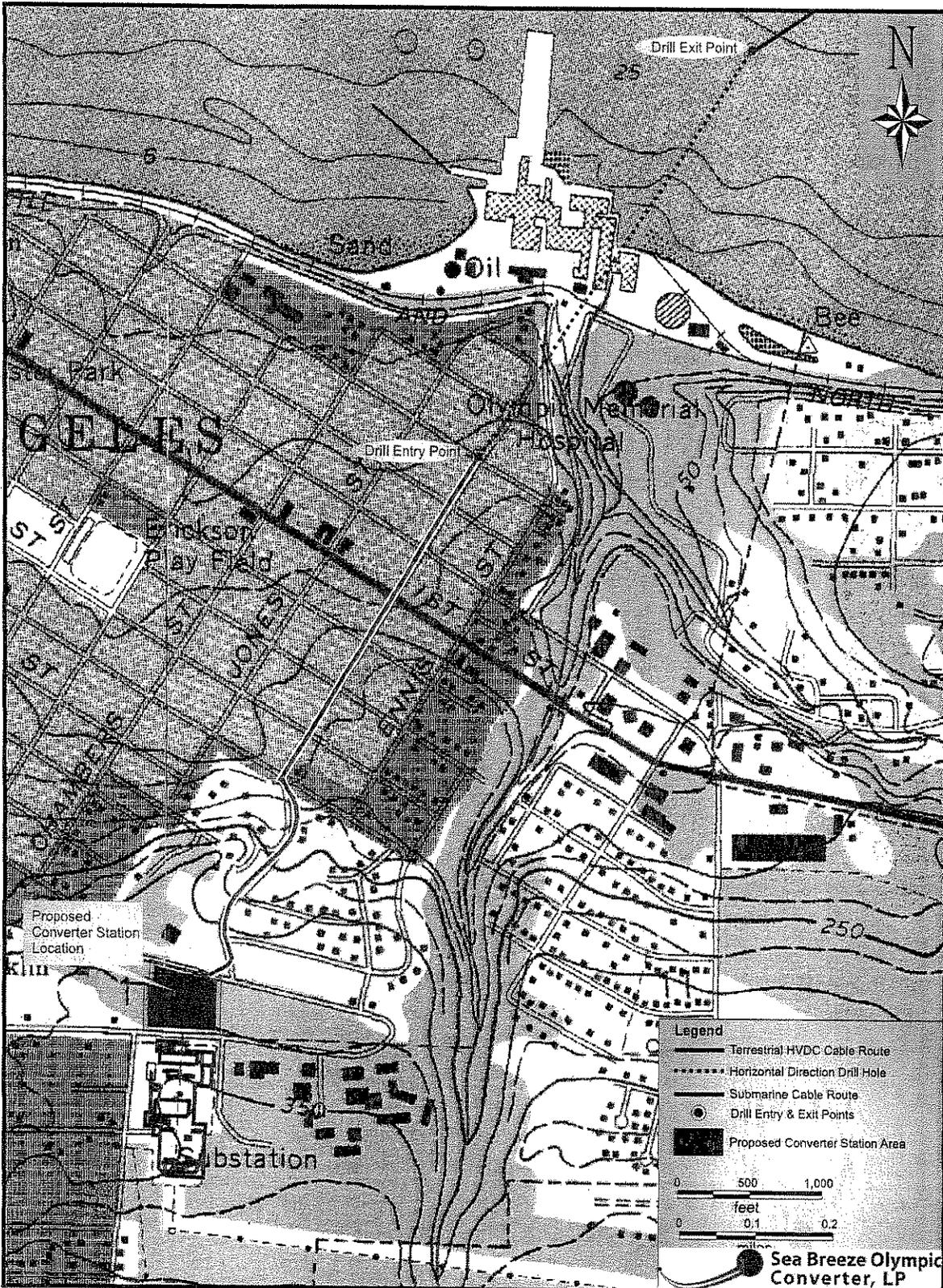
SEABREEZE
BASE MAP
 Clallam County
 Port Angeles, Washington

Legend

- Ferry Crossing
- Discovery Trail
- Proposed Cable Route
- Proposed Drill Platform Location
- Proposed Converter Station Location
- Study Corridor

Scale: 0 0.125 0.25 0.5 0.75 1 Miles
 0 0.25 0.5 1 1.5 2 Kilometers

North Arrow



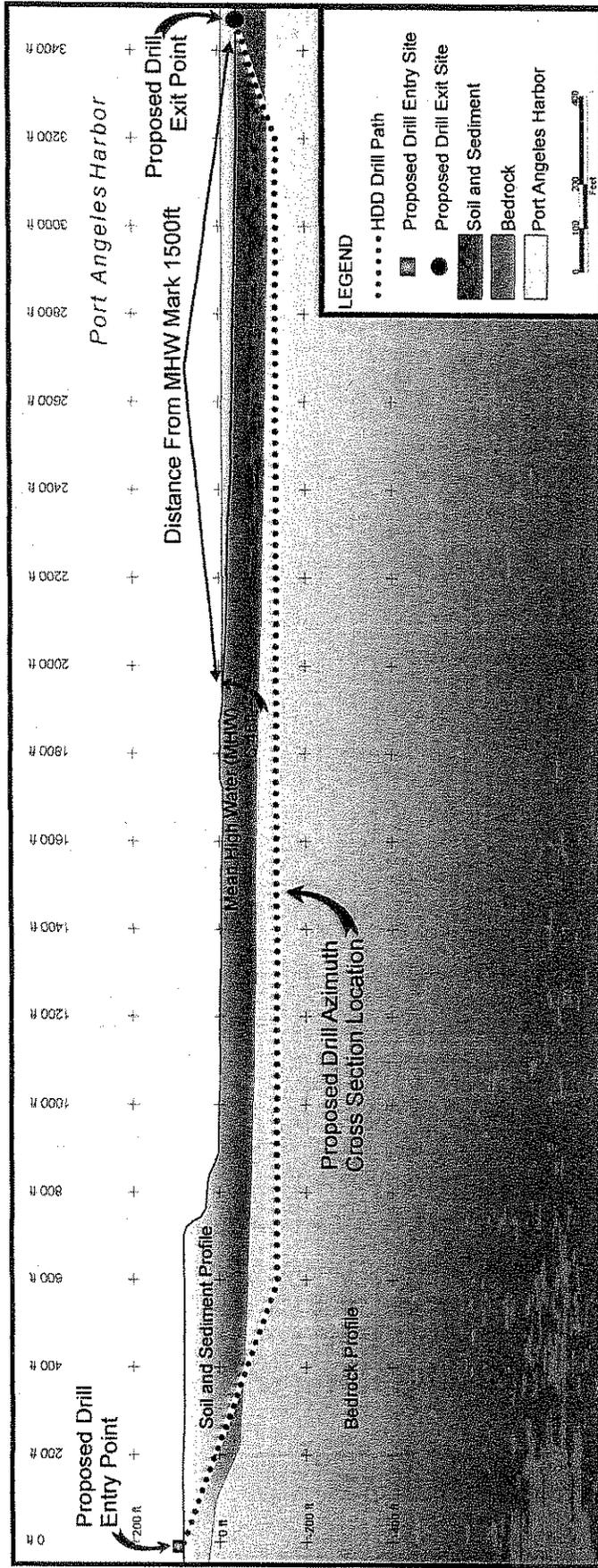
Source: Sea Breeze 2006.

Port Angeles - Juan de Fuca Transmission Project
Port Angeles, Washington

Corps Ref. No.: NWS-2006-595	Project Location: Port Angeles, WA
Applicant: Sea Breeze Olympic Converter, L.P.	Proposed Work: Installation of a Submarine Power Cable from Victoria, British Columbia to Port Angeles, Washington

Figure 4 of 7
Proposed Directional Drill Route

Date: 11/1/07 Figure No.: 4 of 7



Note: The HDD hole will start onshore and extend, in a southwest direction, to a point about 1,500 feet (473 m) offshore in the Pt. Angeles Harbor. This end point is variable and will be based on pre-construction dive surveys. Depth from the MHW line to the exit hole is approximately 42 feet (13 m). The area that will be excavated around the HDD hole end point will either be about 28 feet (8.5 m) in diameter and less than 2 feet (0.5 m) deep, or it will be about 18 feet (5 m) in diameter and 3 feet (1 m) deep. The amount of soil excavated will likely be around 40 yards³ (30.5 m³). A clam-shell type excavator stationed on the boat will remove the soil, placing it on the boat. After the HDD hole is punched through into the harbor, the drilling fluids and soil cuttings will likely settle into the excavated area, where they will be removed with vacuum-type equipment. Once the cable is threaded into the HDD hole, the soil will then be placed back into the excavated area to fill it in.

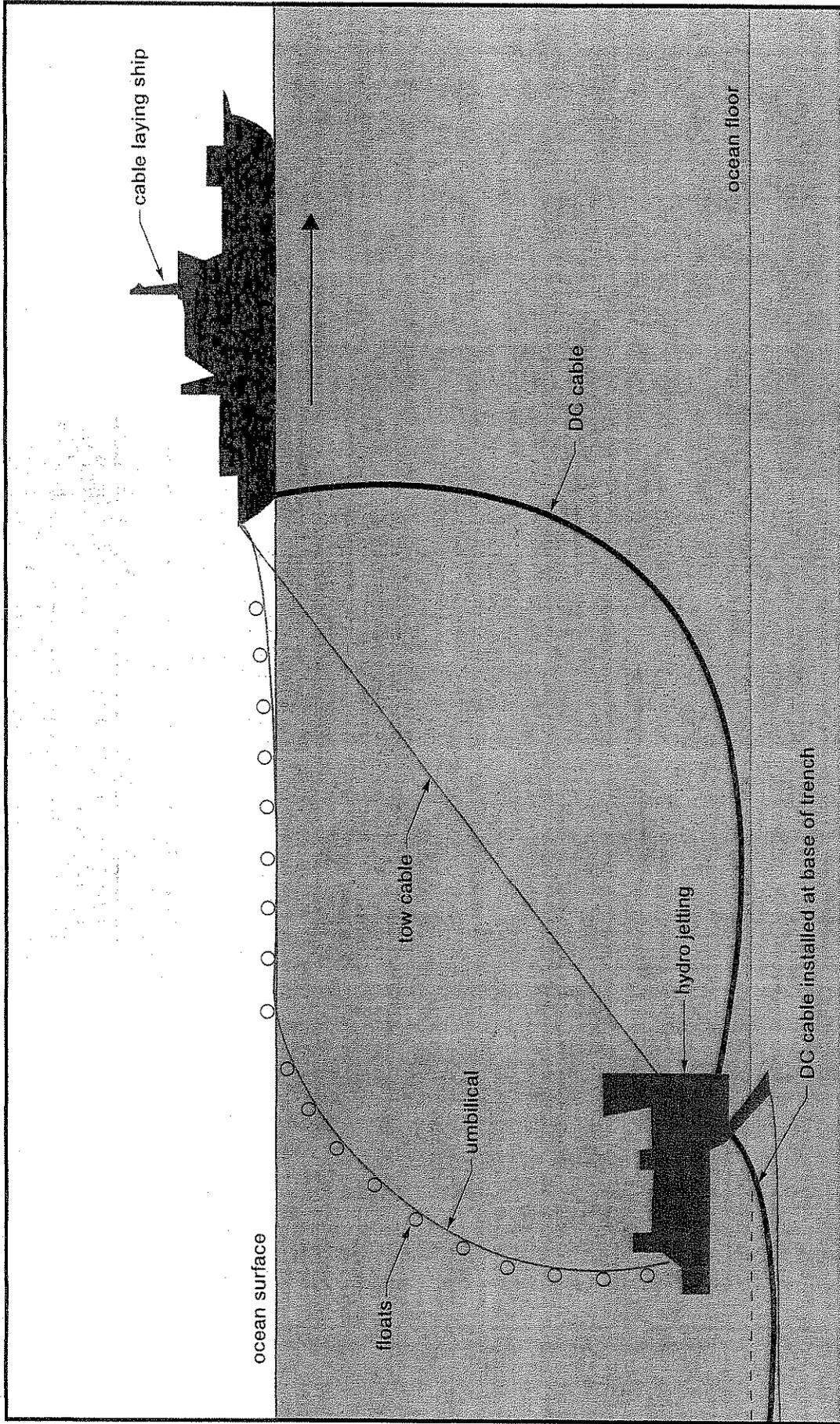
Source: Sea Breeze Olympic Converter Corporation

Port Angeles - Juan de Fuca Transmission Project
Port Angeles, Washington

Corps Ref. No.: NWS-2005-595
Applicant: Sea Breeze Olympic Converter, L.P.

Project Location: Port Angeles, WA
Installation of a Submarine Power Cable from Victoria, British Columbia, Canada to Port Angeles, Washington

Figure 5 of 7
Horizontal Drill Path Cross-Section



Source: SeaBreeze 2006.

Port Angeles - Juan de Fuca Transmission Project
Port Angeles, Washington

Corps Ref. No.: NWS-2006-595 Project Location: Port Angeles, WA
Applicant: Sea Breeze Olympic Converter, L.P. Proposed Work: Installation of a Submarine Power Cable from Victoria, British Columbia to Port Angeles, Washington

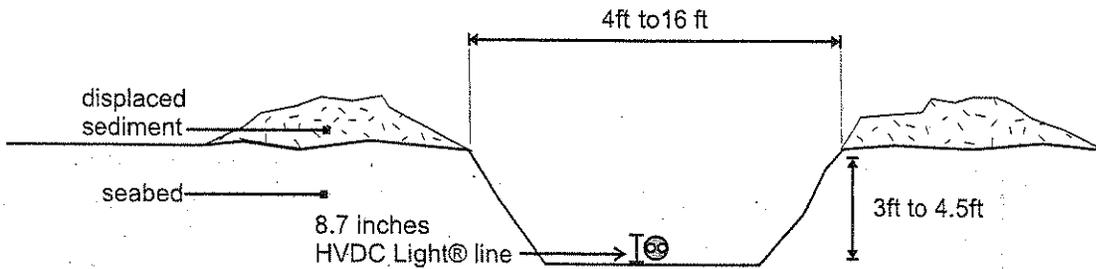
Figure 6 of 7

Date: 11/1/07 Figure No.: 6 of 7

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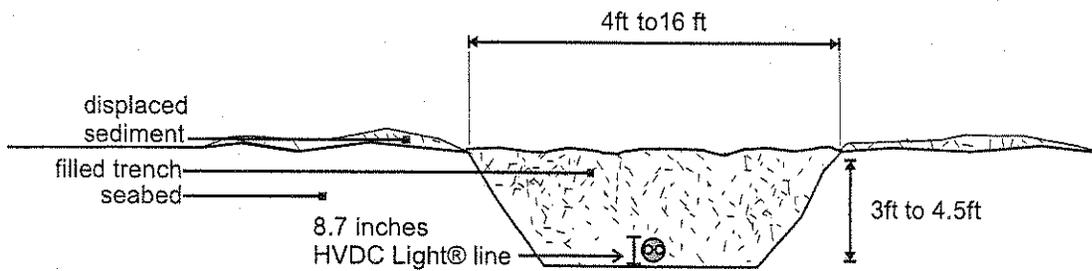
Idealized Marine Trench During Hydro Jetting

N.T.S



Expected Marine Trench After Hydro Jetting

N.T.S



Source: Sea Breeze 2006.

Port Angeles - Juan de Fuca Transmission Project
Port Angeles, Washington

Corps Ref. No.: NWS-2006-595

Project Location: Port Angeles, WA

Applicant: Sea Breeze Olympic Converter, L.P.

Proposed Work: Installation of a Submarine Power Cable from Victoria, British Columbia to Port Angeles, Washington

Figure 7 of 7
Proposed Cross Section of Typical Hydro Jetting in Strait of Juan de Fuca

Date: 11/1/07

Figure No.: 7 of 7