US Army Corps
of Engineers
Seattle District

Public Notice of Application for Permit

Regulatory Branch
Post Office Box 3755
Seattle, Washington 98124-3755
Telephone (206) 764-3495
ATTN: David Martin, Project Manager

Public Notice Date: June 13, 2005
Expiration Date: July 13, 2005
Reference: 200500547
Name: Wahkiakum County Public Works

Interested parties are hereby notified that an application has been received for a Department of the Army permit in accordance with Section 10 of the Rivers and Harbors Act of 1899, and Section 404 of the Clean Water Act for certain work described below and shown on the enclosed drawings.

APPLICANT: Wahkiakum County Public Works
Post Office Box 97
Cathlamet, Washington 98612
ATTN: Pete Ringen, Public Works Director
Telephone: (360) 795-3301

AGENT: Coast & Harbor Engineering, LLC
110 Main Street, Suite 103
Edmonds, Washington 98020
ATTN: Mr. Dave Simpson
Telephone: (425) 778-6083

LOCATION: The Project area consists of two sites located in the Columbia River adjacent to Puget Island, at River Miles 40.5 and 43.6, near Cathlamet, Washington. The Welcome Slough site is located at 46° 10′ 36″ N, 123° 25″ 09″ W; the Pancake Point site is located at 46° 09′ 03″ N, 123° 22′ 163″ W.

WORK: The applicant proposes to place clean sand obtained from the U.S. Army Corps of Engineers' (Corps) Columbia River Channel Maintenance Dredging Project and/or Columbia River Channel Improvements Project in two deep scour holes to bring their bottom elevations up to a maximum elevation of −20 feet CRD (Columbia River Datum) (Sheets 1 through 4 of 4). The scour holes are each located near a pile dike and as deep as −90 feet CRD. Their steep, unstable sides are sloughing, which has caused substantial bank failure that threatens nearby Puget Island houses.

The proposed work involves placing approximately 55,900 cubic yards (cy) of sand over 2.27 acres of riverbed in the Welcome Slough scour hole and approximately 136,100 cy over 6.14 acres of riverbed in the Pancake Point scour hole as soon as suitable dredged material becomes available. The dredged material would be placed into the scour holes in shallow lifts by a bottom dump barge, self-propelled hopper dredge, or pipeline dredge. The Corps expects this work to be an interim measure to protect property while a more permanent solution is designed.

Once the holes are filled, the permittee would monitor the sites to determine the rate at which the river's current might remove material placed in these areas. Based on the information available, the applicant expects that future losses of this material would be substantial enough to require supplemental filling. The applicant is therefore also seeking Department of the Army authorization to refill these holes with additional

sand should the bottom elevation fall to –30 feet CRD or lower. Supplemental filling would be conducted using the same methods and materials used for the initial fill, and limited to restoring the –20 feet CRD elevation. According to the applicant, supplemental filling could require as much as 36,600 cy at the Welcome Slough site and 99,000 cy at the Pancake Point site. The applicant anticipates that supplemental filling would be required once every 3 to 8 years. Thus, during the normal five-year life of a Department of the Army standard individual permit, supplemental filling would not be expected to occur more than once.

PURPOSE: The purpose of the work is to halt ongoing bank failure and prevent the loss of nearby structures until a more permanent solution to the problem can be designed and implemented.

MITIGATION: None proposed.

ENDANGERED SPECIES: The Endangered Species Act (ESA) requires federal agencies to consult with the National Marine Fisheries Service (NMFS) and/or U.S. Fish and Wildlife Service (USFWS) pursuant to Section 7 of ESA on any action that may affect a species listed (or proposed for listing) under the ESA as threatened or endangered or the designated critical habitat of a listed species. The following species and critical habitat may occur in the project area:

Species/ESU/DPS	**Status**[1]	**Critical Habitat**[2]
bull trout, Columbia River (*Oncorhynchus tshawytscha*)	T	
chinook, lower Columbia River (*O. tshawytscha*)	T	P
chinook, upper Columbia River spring (*O. tshawytscha*)	E	P
chinook, Snake River fall (*O. tshawytscha*)	T	D
chinook, Snake River spring/summer (*O. tshawytscha*)	T	D
chinook, upper Willamette River (*O. tshawytscha*)	T	P
chum, Columbia River (*O. keta*)	T	P
coho, Lower Columbia River (*O. kisutch*)	C	
sockeye, Snake River (*O. nerka*)	E	D
steelhead, lower Columbia River (*O. mykiss*)	T	P
steelhead, middle Columbia River (*O. mykiss*)	T	P
steelhead, upper Columbia River (*O. mykiss*)	E	P
steelhead, Snake River (*O. mykiss*)	T	P
steelhead, upper Willamette River (*O. mykiss*)	T	P
bald eagle (*Haliaeetus leucocephalus*)	T	
Columbian white-tailed deer (*Odocoileus virginianus leucurus*)	E	

[1] ESA status in the State of Washington: (E)ndangered, (T)hreatened, (P)roposed, or (C)andidate
[2] Critical Habitat: (D)esignated or (P)roposed

The Corps has made a preliminary determination that the activity may affect ESA-listed species and designated critical habitat and will initiate informal consultation under Section 7 of the ESA with the NMFS and USFWS.

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 approximately 8.5 acres of EFH for Pacific salmon in the project area. If the U.S. Army Corps of Engineers (Corps) determines that the proposed action may adversely affect EFH for federally managed fisheries in Washington waters, the Corps will initiate EFH consultation with the NMFS. The Corps' final determination relative to project impacts and the need for mitigation measures is subject to review by and coordination with the NMFS.

CULTURAL RESOURCES: The District Engineer has reviewed the latest published version of the National Register of Historic Places, lists of properties determined eligible, and other sources of information and found no recorded historic properties within the permit area. Considering the nature of the proposed work and that the permit area has been extensively modified by modern development, there is little likelihood that for the proposed project to impinge upon an undiscovered historic property. The District Engineer invites responses to this public notice from Native American Nations or tribal governments; Federal, State, and local agencies; historical and archeological societies; and other parties likely to have knowledge of or concerns with historic properties in the area. This public notice initiates consultation under Section 106 of the National Historic Preservation Act (36 CFR 800.4[a][3]), 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: 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 proposed discharge will also be evaluated for compliance with guidelines promulgated by the Environmental Protection Agency under authority of Section 404(b)(1) of the Clean Water Act. These guidelines require an alternative analysis for any proposed discharge of dredged or fill material into waters of the United States.

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.

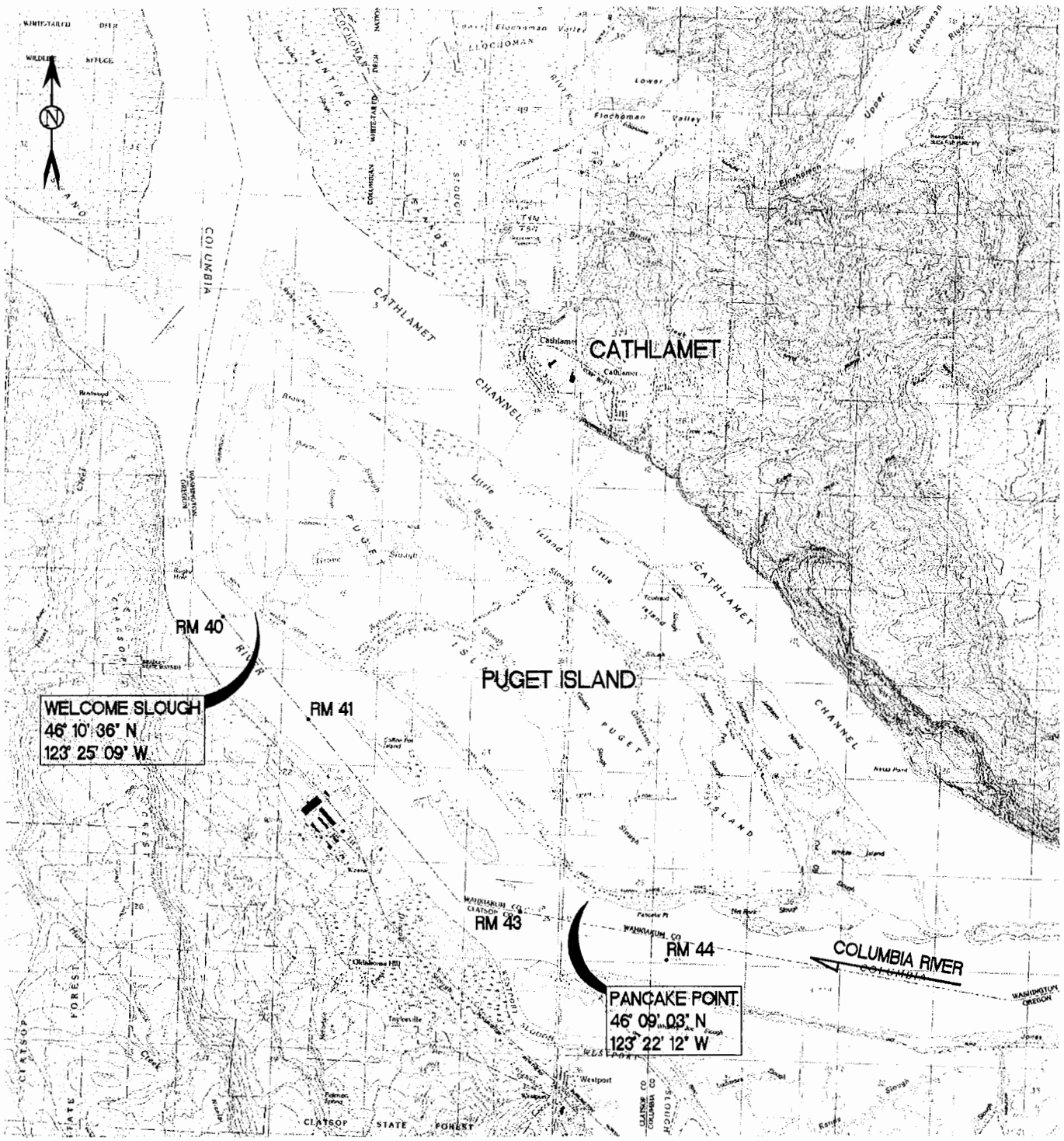
ADDITIONAL EVALUATION: The State of Washington is reviewing this work for consistency with the approved Washington Coastal Zone Management Program and compliance with the applicable State and Federal water quality standards pursuant to Section 401 of the Clean Water Act. The project also requires Hydraulic Project Approval from the Washington Department of Fish and Wildlife; authorization from the

Washington Department of Natural Resources to conduct work on state-owned aquatic lands; and a Shoreline Conditional Use Permit from Wahkiakum County.

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. All e-mail comments should be sent to David.J.Martin@usace.army.mil. Conventional mail comments should be sent U.S. Army Corps of Engineers, Regulatory Branch, Post Office Box 3755, Seattle, Washington, 98124-3755. Both conventional mail and e-mail comments must include the permit applicant's name and reference number, as shown below, and the commentor'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. Please include the following name and reference number:

Wahkiakum County Public Works
200500547

Encl
Drawings (4)



DIRECTIONS: HIGHWAY 4 TO CATHLAMET, HWY 409 TO EAST SUNNY SANDS ROAD; TO 395 N. WELCOME SLOUGH ROAD

PURPOSE: REINFORCE UNSTABLE BANK

DATUM: COLUMBIA RIVER DATUM (CRD)

COAST & HARBOR ENGINEERING
110 MAIN STREET, SUITE 103
EDMONDS, WA 98020
PH 425-778-2542
FAX 425-778-6883

VICINITY MAP

0' 5,000' 10,000'

SCALE : 1" = 5,000'

PROPOSED: PLACE DREDGED RIVER SAND IN SCOUR HOLES TO REINFORCE OVERSTEEPENED BANK SLOPES BELOW ELEV. -20 FT.

AT: RIVER MILE 40.51 AND RIVER MILE 43.55

IN: COLUMBIA RIVER

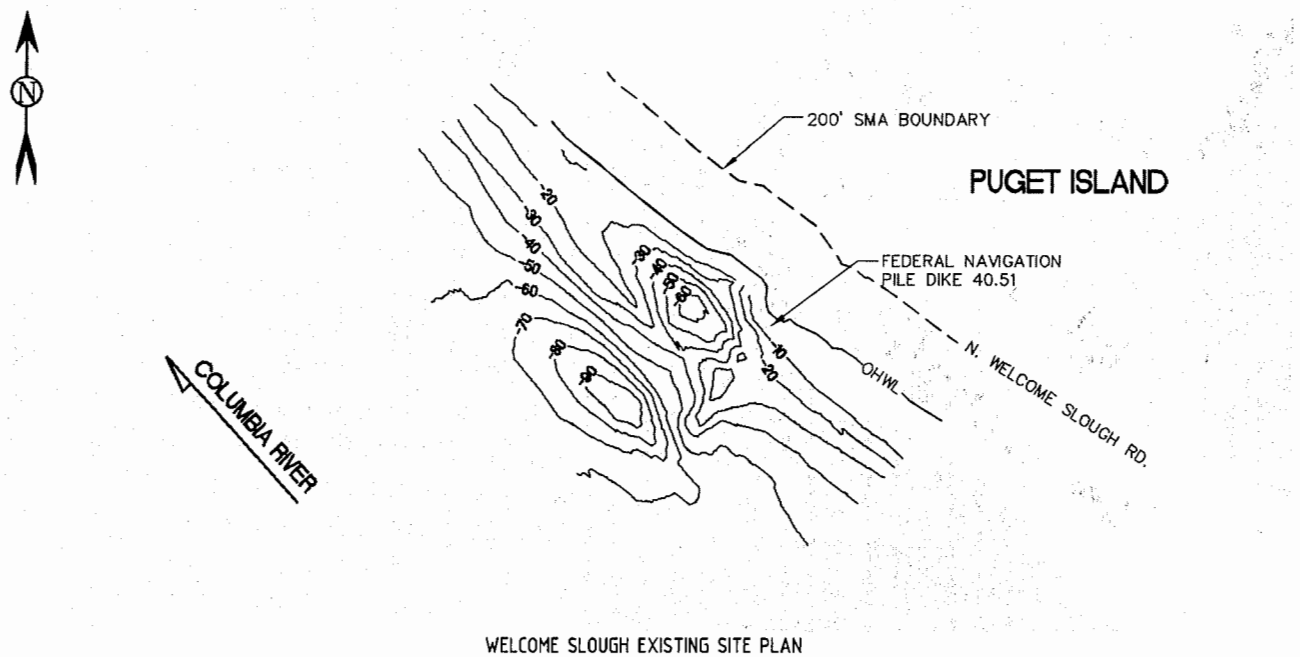
COUNTY OF: WAHKIAKUM

APPLICATION BY: WAHKIAKUM CO. PUBLIC WORKS

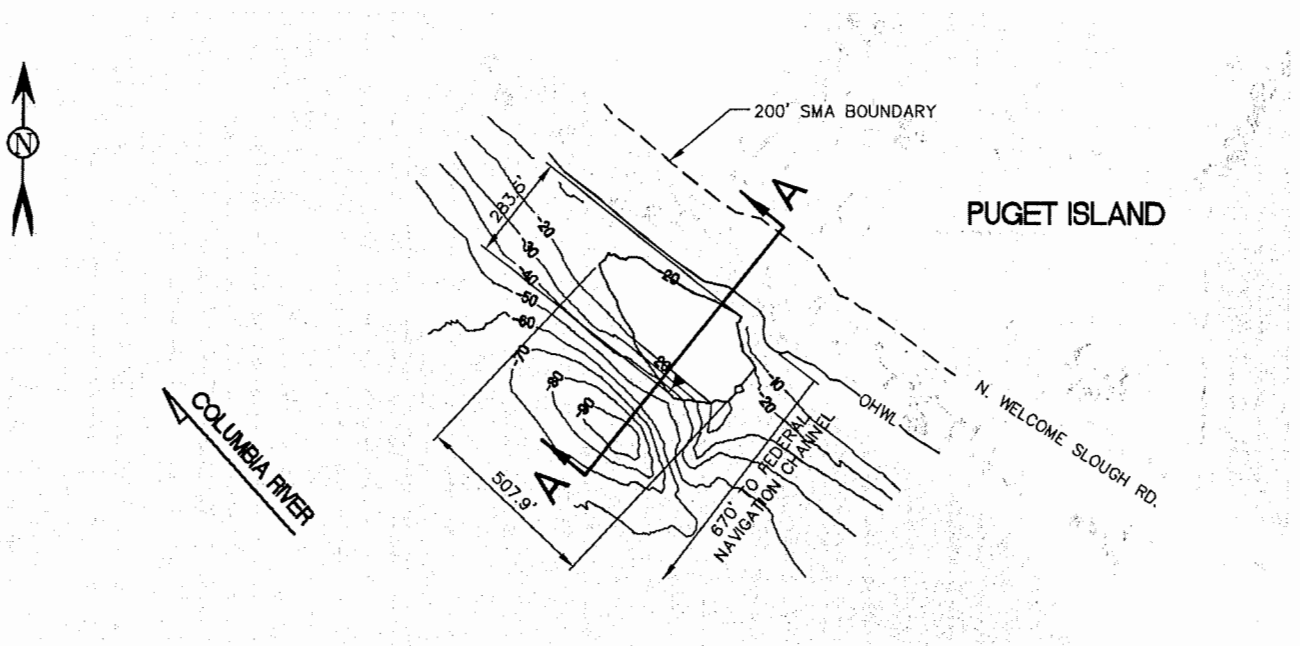
DATE: 14 APRIL 05

SHEET 1 OF 4

CORPS OF ENGINEERS APPLICATION NO: 200500547



WELCOME SLOUGH EXISTING SITE PLAN



WELCOME SLOUGH PROPOSED SITE PLAN

FILL MATERIAL: SAND DREDGED IN MAINTENANCE OF COLUMBIA RIVER NAVIGATION CHANNEL IN WAUNA AND WESTPORT BAR RANGES
FILL QUANTITY: 55,900 cu. yd FILL AREA: 2.27 ACRES

PURPOSE: REINFORCE UNSTABLE BANK

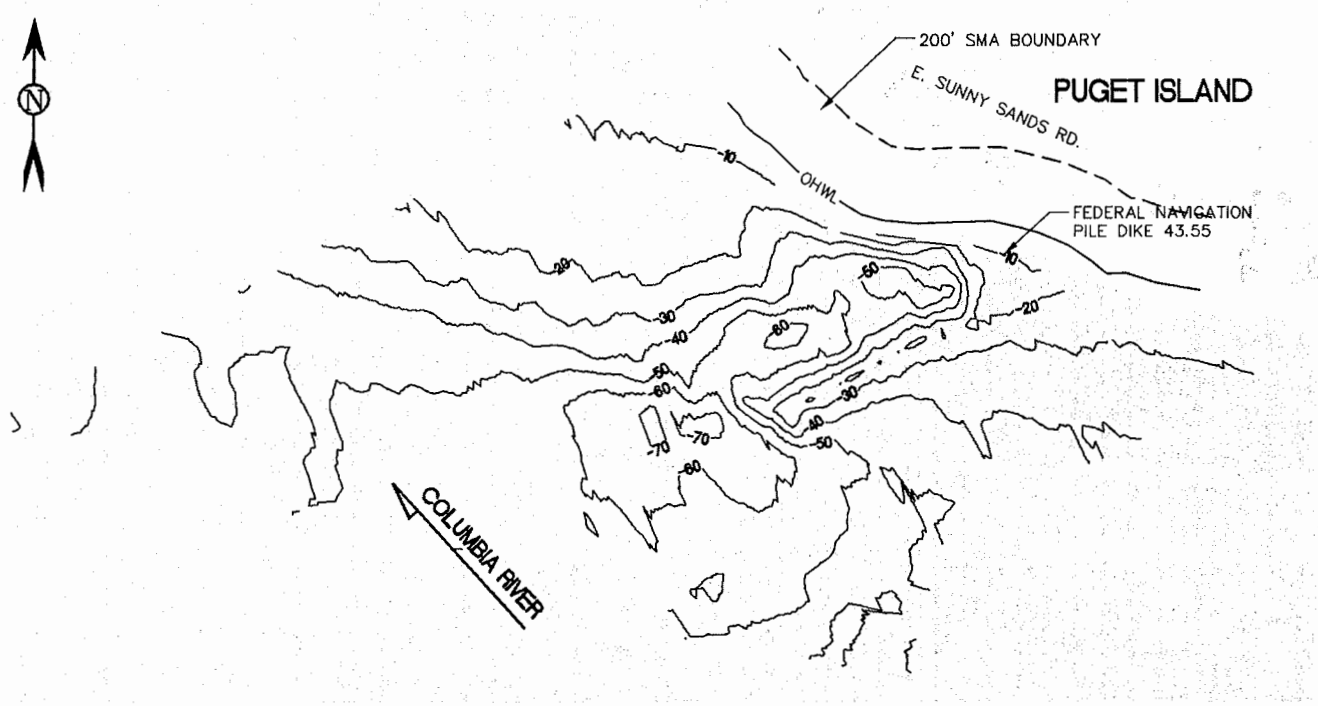
DATUM: COLUMBIA RIVER DATUM (CRD)

COAST & HARBOR ENGINEERING
110 MAIN STREET, SUITE 103
EDMONDS, WA 98020
PH 425-778-2542
FAX 425-778-6883

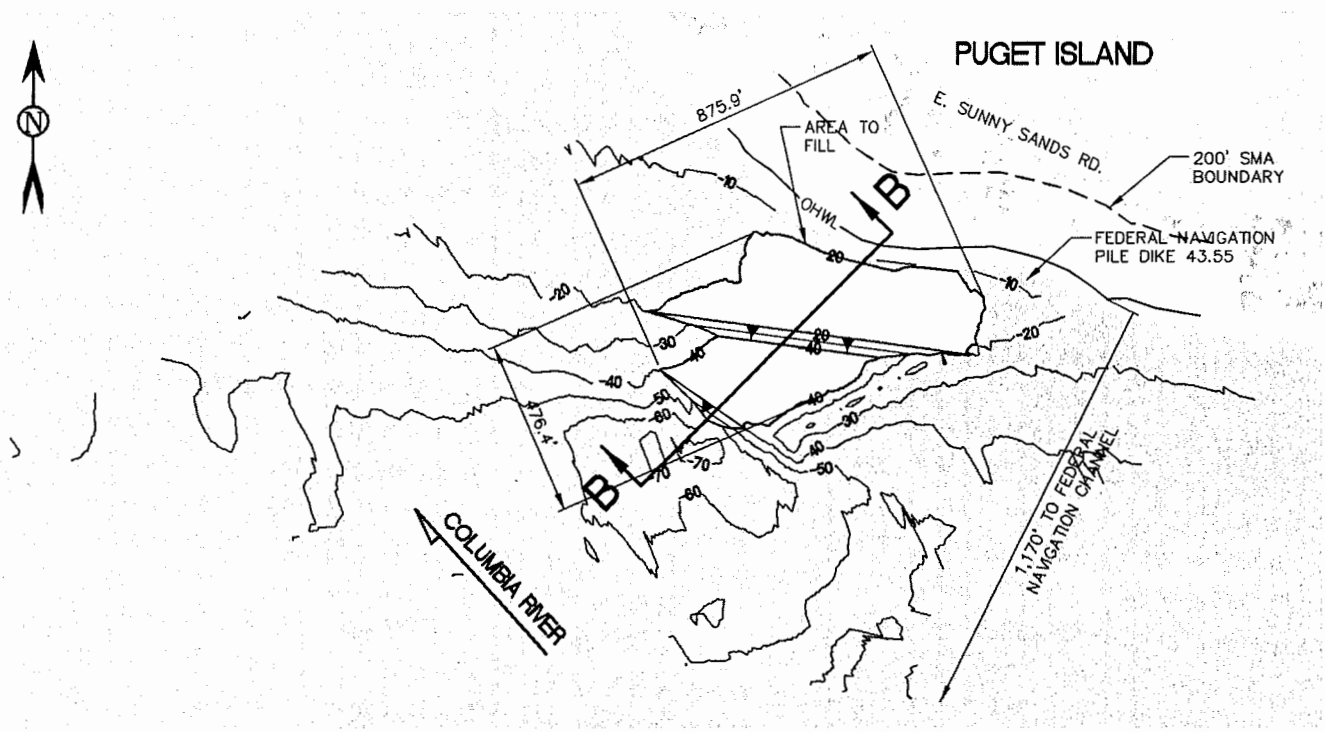
PLAN VIEWS OF
WELCOME SLOUGH

0' 500' 1,000'
SCALE : 1" = 500'

PROPOSED: PLACE DREDGED RIVER SAND IN SCOUR HOLES TO REINFORCE OVERSTEEPENED BANK SLOPES BELOW ELEV. -20 FT.
AT: RIVER MILE 40.51 AND RIVER MILE 43.55
IN: COLUMBIA RIVER
COUNTY OF: WAHKIAKUM
APPLICATION BY: WAHKIAKUM CO. PUBLIC WORKS
DATE: 14 APRIL 05 SHEET 2 OF 4
CORPS OF ENGINEERS APPLICATION NO: 200500547



PANCAKE POINT EXISTING SITE PLAN



PANCAKE POINT PROPOSED SITE PLAN

FILL MATERIAL: SAND DREDGED IN MAINTENANCE OF COLUMBIA RIVER NAVIGATION CHANNEL IN WAUNA AND WESTPORT BAR RANGES
FILL QUANTITY: 136,100 cu. yd FILL AREA: 6.14 ACRES

PURPOSE: REINFORCE UNSTABLE BANK

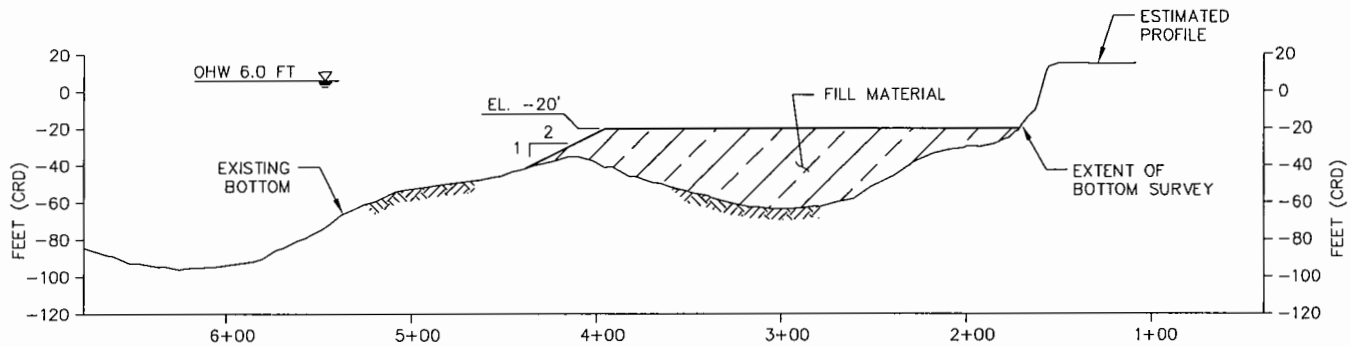
DATUM: COLUMBIA RIVER DATUM (CRD)

COAST & HARBOR ENGINEERING
110 MAIN STREET, SUITE 103
EDMONDS, WA 98020
PH 425-778-2542
FAX 425-778-6883

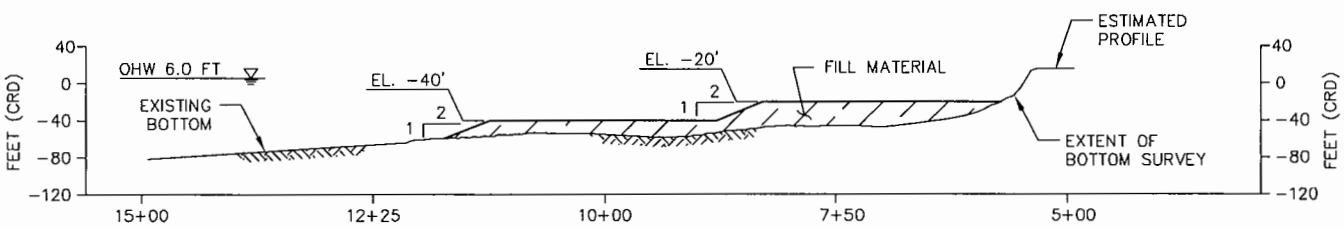
PLAN VIEWS OF
PANCAKE POINT

0' 500' 1,000'
SCALE : 1" = 500'

PROPOSED: PLACE DREDGED RIVER SAND IN SCOUR HOLES TO REINFORCE OVERSTEEPENED BANK SLOPES BELOW ELEV. -20 FT.
AT: RIVER MILE 40.51 AND RIVER MILE 43.55
IN: COLUMBIA RIVER
COUNTY OF: WAHKIAKUM
APPLICATION BY: WAHKIAKUM CO. PUBLIC WORKS
DATE: 14 APRIL 05 SHEET 3 OF 4
CORPS OF ENGINEERS APPLICATION NO: 200500547



SECTION A-A
WELCOME SLOUGH SITE



SECTION B-B
PANCAKE POINT SITE

PURPOSE: REINFORCE UNSTABLE BANK

DATUM: COLUMBIA RIVER DATUM (CRD)

COAST & HARBOR ENGINEERING
110 MAIN STREET, SUITE 103
EDMONDS, WA 98020
PH 425-778-2542
FAX 425-778-6883

CROSS SECTIONS

0' 100' 200'
SECTION A-A SCALE : 1" = 100'

0' 200' 400'
SECTION B-B SCALE : 1" = 200'

PROPOSED: PLACE DREDGED RIVER SAND IN SCOUR HOLES TO REINFORCE OVERSTEEPENED BANK SLOPES BELOW ELEV. -20 FT.
AT: RIVER MILE 40.51 AND RIVER MILE 43.55
IN: COLUMBIA RIVER
COUNTY OF: WAHKIAKUM
APPLICATION BY: WAHKIAKUM CO. PUBLIC WORKS
DATE: 14 APRIL 05 SHEET 4 OF 4
CORPS OF ENGINEERS APPLICATION NO: 200500547

STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY
P.O. Box 47600 • Olympia, Washington 98504-7600
(360) 407-6000 • TDD Only (Hearing Impaired) (360) 407-6006

STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

Notice of Application for
Water Quality Certification
and for
Certification of Consistency with the
Washington Coastal Zone Management Program

Date: June 13, 2005

Notice is hereby given that a request has been filed with the Department of Ecology, pursuant to the requirements of Section 401 of the federal Clean Water Act of 1977 (PL 95-217), to certify that the project described in the U.S. Army Corps of Engineers Public Notice No. 200500547 will comply with the Sections 301, 302, 303, 306, and 307 of the Act, and with applicable provisions of State and Federal water pollution control laws.

Notice is herby given that a request has been filed with the Department of Ecology, pursuant to the requirements of Section 307© of the Federal Coastal Zone Management Act of 1972 (16 U.S.C. 1451), to certify that the above referenced project will comply with the Washington State Coastal Zone Management Program and that the project will be conducted in a manner consistent with that program.

Any person desiring to present views on the project pertaining to the project on either or both (1) compliance with water pollution control laws or (2) the project's compliance or consistency with the Washington State Coastal Zone Management Program may do so by providing written comments within 30 days of the above publication date to:

Federal Permit Coordinator
Department of Ecology
SEA Program
Post Office Box 47600
Olympia, Washington 98504-7600