



Clean Water Act Public Notice

**US Army Corps
of Engineers®**

Seattle District

Environmental Resources Branch
Post Office Box 3755
Seattle, Washington 98124-3755
Attention: Lori C. Lull
Telephone: (206) 766-6438

Public Notice Date: September 22, 2010
Expiration Date: October 22, 2010
Reference: PL-10-10

Project Name: Green River Gravel Nourishment

Interested parties are hereby notified that the U.S. Army Corps of Engineers, Seattle District (Corps) plans to perform work related to the Howard Hanson Dam Additional Water Supply Project (AWSP), King County, Washington. This work is subject to Section 404 of the Clean Water Act. The work is described below and is shown on the enclosed drawings.

LOCATION: The proposed project is located downstream of the Howard Hanson Dam (HHD), Green river, near Kanaskat-Palmer, King County Washington. The project is located at river mile (RM) 60.

WORK: The proposed work will continue annual construction of an erodible gravel berm at Restoration Zone 1. This annual berm construction was previously under PL-05-04. The berm will be constructed of screened, unwashed gravel, and may total up to an estimated 12,000 cubic yards in any year (up to 21,000 tons). The berm may contain logs placed within the gravel berm, on top of the berm, or in the river near the berm.

The project is a requirement of the National Marine Fisheries Service (NMFS) and U.S. Fish and Wildlife Service (USFWS) Biological Opinions for the Howard Hanson Dam Additional Water Supply Project (NMFS reference WSB-00-198, USFWS reference 1-3-00-F-1381).

In the winter months, beginning in winter 2010, the Corps plans to use large equipment to push a percentage of the total gravel volume into the river. This work may occur in several phases between November 15, 2010, and February 15, 2011. The exact timing of winter work will depend on number and severity of storm events after berm construction each August. Future years may or may not include winter placement of gravel. If monitoring indicates winter gravel placement is preferable for fisheries, future gravel placement may be entirely during the winter months.

As part of adaptive management of this project, future berms may extend an additional 200 feet downstream and/or include an additional berm at the second location shown on drawing sheet 4 of 6.

PURPOSE: The purpose of this project is to enhance spawning and rearing habitat for threatened anadromous fish (Puget Sound bull trout and Puget Sound Chinook salmon) in the Green river. This habitat has been degraded by the construction and operation (including the AWSP) of the Howard Hanson Dam. Specifically, the Dam and associated reservoir prevent the downstream migration of spawning gravels.

MITIGATION: No mitigation is required for this project as it is a project to mitigate for and restore degraded spawning and rearing habitat for anadromous fish in the Green River.

COORDINATION: The proposed work is being coordinated with the following Federal, State, and local agencies:

Federal

U.S. Fish and Wildlife Service
National Marine Fisheries Service

Indian Tribes

Muckleshoot Tribe

State of Washington

Department of Ecology
Department of Fish and Wildlife

Local

King County
City of Tacoma

CULTURAL AND HISTORIC 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. A field reconnaissance of the site did not identify any significant cultural or historic resources that would directly be affected by the proposed project. Unknown archeological, scientific, prehistoric or historical data may be lost or destroyed by work to be accomplished under the requested work. This work is being conducted in accordance with a Cultural Resources Memorandum of Understanding signed by the Corps, Office of Archaeological and Historic Preservation of Washington, and the Muckleshoot Tribe.

The District Engineer invites responses to this Public Notice from Federal, State and local agencies, historical and archeological societies, Indian tribes and other parties likely to have knowledge of or concerns with historic properties in the area.

ENDANGERED SPECIES: The Endangered Species Act of 1973, as amended, requires assessment of potential impacts to listed and proposed species. The U.S. Fish and Wildlife Service (USFWS) identified federally listed and proposed animal species which may occur in the project vicinity. Included in this list were six species listed as threatened: marbled murrelets (*Brachyramphus marmoratus marmoratus*), northern spotted owls (*Strix occidentalis caurina*), bull trout (*Salvelinus confluentus*), grizzly bear (*Ursus arctos*), gray wolf (*Canis lupis*), and Canada lynx (*Lynx Canadensis*). The National Marine Fisheries Service (NMFS) identified one species listed as threatened, Puget Sound Chinook salmon (*Oncorhynchus tshawytscha*), as occurring downstream of the project area. The Corps has received Biological Opinions and concurrence from both Services for endangered species. The Services directed the Corps to place gravel in the Green River to mitigate for the loss of spawning gravel caused by the Dam. The Corps will follow the Reasonable and Prudent Measures contained within the Biological Opinions.

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 perform the proposed work will be based on an evaluation of the probable impact, including cumulative impacts of the proposed activity on the public interest. That decision will reflect the national concern for both protection and use of important resources. The benefits

that reasonably may be expected to accrue from the proposal must be balanced against its reasonably foreseeable detriments. All factors that 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; Federal, State, and local agencies and officials; Indian tribes; 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 not proceed with the proposed 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 also used to determine the need for a public hearing and to determine the overall public interest of the activity.

The project will involve a discharge of fill material into waters of the United States that will be evaluated for substantive compliance with guidelines promulgated by the Environmental Protection Agency under authority of Section 404(b)(1) of the Clean Water Act.

ADDITIONAL EVALUATION

The Corps has requested a certification that the project provides reasonable assurance of compliance with the Water Quality Standards of Washington State. The Washington Department of Ecology (Ecology) is reviewing this work for compliance with the applicable Federal water quality standards pursuant to Section 401 of the Clean Water Act.

As a Federal agency, the Corps will ensure the work is consistent with the Coastal Zone Management Program to the maximum extent practicable. A detailed Coastal Zone Management Act consistency determination will be prepared, and Ecology will review the work for concurrence with the finding of consistency with the Coastal Zone Management Act.

A final Environmental Impact Statement and Record of Decision has already been prepared for the proposed work as part of the Howard Hanson Dam Additional Water Supply Project (1998).

COMMENT AND REVIEW PERIOD: Additional information concerning the project may be obtained at the above referenced address from Ms. Lori Lull, at (206) 766-6438, or from Mr. Scott Pozarycki, at (206) 764-3316. Comments on these factors will be accepted and made part of the record. Comments should refer to the reference number shown above and reach this office, Attention: Lori Lull, NWS-PM-PL-ER, no later than the expiration date of this public notice to insure consideration.

Enclosures:
Drawings (6)



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

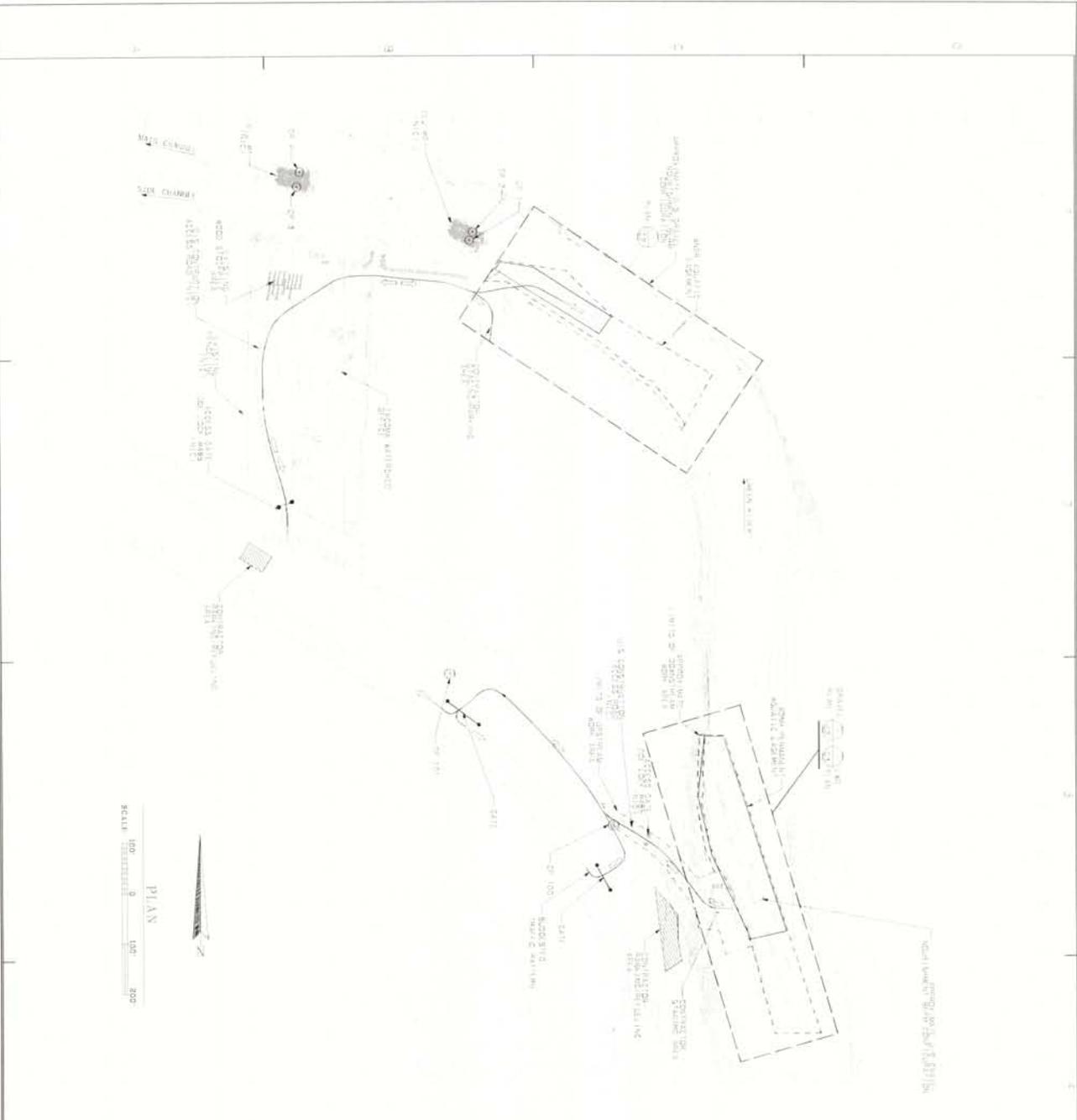
Date: September 22, 2010

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. PL-10-10 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 hereby given that a request has been filed with the Department of Ecology, pursuant to the requirements of Section 307(c) 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



PLAN
SCALE: 1" = 100'

PROJECT MEASURES

- 1. ALL MEASUREMENTS SHALL BE IN FEET AND INCHES.
- 2. ALL DIMENSIONS SHALL BE TO THE CENTERLINE UNLESS OTHERWISE NOTED.
- 3. ALL DIMENSIONS SHALL BE TO THE FACE UNLESS OTHERWISE NOTED.

CONSTRUCTION NOTES

- 1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE STANDARD SPECIFICATIONS FOR CONSTRUCTION OF PUBLIC WORKS, AS APPLICABLE.
- 2. ALL UTILITIES SHALL BE PROTECTED AND DEEPER THAN THE PROPOSED CONSTRUCTION.
- 3. ALL EROSION CONTROL MEASURES SHALL BE INSTALLED AND MAINTAINED THROUGHOUT CONSTRUCTION.

CONTROL POINT INFORMATION

POINT NAME	EASTING	NORTHING	DESCRIPTION
CP 1	111282.45	111282.45	1/4 CORNER SECTION 16, T4N, R10E
CP 2	111282.45	111282.45	1/4 CORNER SECTION 16, T4N, R10E
CP 3	111282.45	111282.45	1/4 CORNER SECTION 16, T4N, R10E
CP 4	111282.45	111282.45	1/4 CORNER SECTION 16, T4N, R10E
CP 5	111282.45	111282.45	1/4 CORNER SECTION 16, T4N, R10E
CP 6	111282.45	111282.45	1/4 CORNER SECTION 16, T4N, R10E
CP 7	111282.45	111282.45	1/4 CORNER SECTION 16, T4N, R10E
CP 8	111282.45	111282.45	1/4 CORNER SECTION 16, T4N, R10E
CP 9	111282.45	111282.45	1/4 CORNER SECTION 16, T4N, R10E
CP 10	111282.45	111282.45	1/4 CORNER SECTION 16, T4N, R10E

	U.S. MAP ENGINEERING & ARCHITECTURE 1000 N. 10TH ST., SUITE 100 DENVER, CO 80202	SHEET NO. 56 OF 59 DATE: 11/15/2011
	PROJECT: LOADING SITE AND ACCESS PLAN CLIENT: [REDACTED]	DRAWN BY: [REDACTED] CHECKED BY: [REDACTED]

