



Public Notice

**US Army Corps
Of Engineers**
Seattle District

Planning Branch
Post Office Box 3755
Seattle, Washington 98124-2255
Philip L. Hoffman, Environmental Coordinator
Telephone: (206) 764-6577

Public Notice Date: 9 April 2003
Expiration Date: 9 May 2003
Reference: PL-03-01
Name: Seattle District,
Corps of Engineers

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

LOCATION: The proposed project is located downstream of the Howard Hanson Dam (HHD), on the Green River, upstream of the city of Auburn, in King County, Washington. The project is located at river mile 60.

WORK: Construction of two erodable berm in Restoration Zone 1 (Figure 2) using unwashed gravel, with a washed gravel toe (totaling 6,000 CY; Figure 3). All gravels will meet size requirements of the BiOp (i.e. 0.5 to 4 inch OD). The berms will be built downstream of the existing Tacoma Diversion Dam, along the south bank of the river. Approximately 3,900 CY of gravel is expected to be mobilized by the river at high flows. Unwashed gravel will be used to assist in recreating habitat in the Green River which contains a matrix of fine sediment between spawning gravel. Washington Department of Fish and Wildlife has determined that the addition of some fine sediment prevents the spread of fungal diseases in newly created redds, which can lead to catastrophic reproductive failure in local spawning populations after egg laying is complete. Concurrently, the Corps will construct and place three ELJs, similar to Figure 4. The ELJs will be buried in pits excavated from within additional gravel berms. Approximately 850 CY will be removed from each pit, stockpiled, and backfilled following placement of the ELJs. The ELJs will be approximately 30 feet wide and 50 feet long, and consist of trees provided from locations above the Dam, or from other local sources if suitable materials in sufficient quantities are not available above HHD.

PURPOSE: Purpose of this project is to enhance spawning and rearing habitat for threatened anadromous fish (bull trout and chinook salmon), in the Green River, which has been degraded by the construction and operation (including the AWSP) of the Howard Hanson Dam. Specifically, the Dam prevents the downstream migration of spawning gravels (i.e. 0.5 to 4 inches OD) and large woody debris.

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

COORDINATION: The proposed work is being coordinated with the following federal, state, or local agencies:

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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 Public Works
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.

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. Seven species are listed as threatened, including bald eagles (*Haliaeetus leucocephalus*), marbled murrelets (*Brachyramphus marmoratus marmoratus*), northern spotted owls (*Strix occidentalis caurina*), and 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 keta*), as occurring downstream of the project area. The Seattle District, U.S. Army Corps of Engineers has received Biological Opinions and concurrence from both Services for endangered species. The Services directed that the Corps perform gravel nourishment and LWD placement within the Green River downstream of the City of Tacoma Diversion Dam and HHD as part of the Reasonable and Prudent Measures for the AWSP. The Corps will adhere to all other applicable RPMs during project construction.

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. A public information meeting for the 2003 Howard Hanson Dam Additional Water Supply Project, fish habitat restoration pilot project, will be held the evening of April 23 in Ravensdale. The meeting will focus on the Corps of Engineers' gravel nourishment and engineered log jam construction pilot project 1 in the Green River, downstream from the Tacoma Public Utilities Diversion Dam. The meeting will begin at 7 pm in the public meeting room in the Grace Hansen Community Center at 27132 SE Ravensdale Way.

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 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,

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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 U.S. Army Corps of Engineers (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 evaluation of the impact of the activity on the public interest will include application of the guidelines promulgated by the Administrator, Environmental Protection Agency, under authority of Section 404(b) of the Clean Water Act.

ADDITIONAL EVALUATION - The State of Washington is reviewing this work for consistency with the approved Washington Coastal Zone Management Program.

This proposal is the subject of Shorelines Management Act and will be conducted in a manner consistent to the maximum extent practicable with the approved State Coastal Zone Management Program.

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. Based on the assessment of potential impacts from the proposed work, an additional Environmental Impact Statement will not be required.

COMMENT AND REVIEW PERIOD: Additional information concerning the project may be obtained at the above referenced address from Mr. Philip L. Hoffman, (206) 764-6577, or from Ms. Mamie Brouwer, (206) 764-3575. 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, Attn: Mr. Philip L. Hoffman, NWS-PM-PL-ER, no later than the expiration date of this public notice to insure consideration.

Encl

Drawing () or Drawings (x)

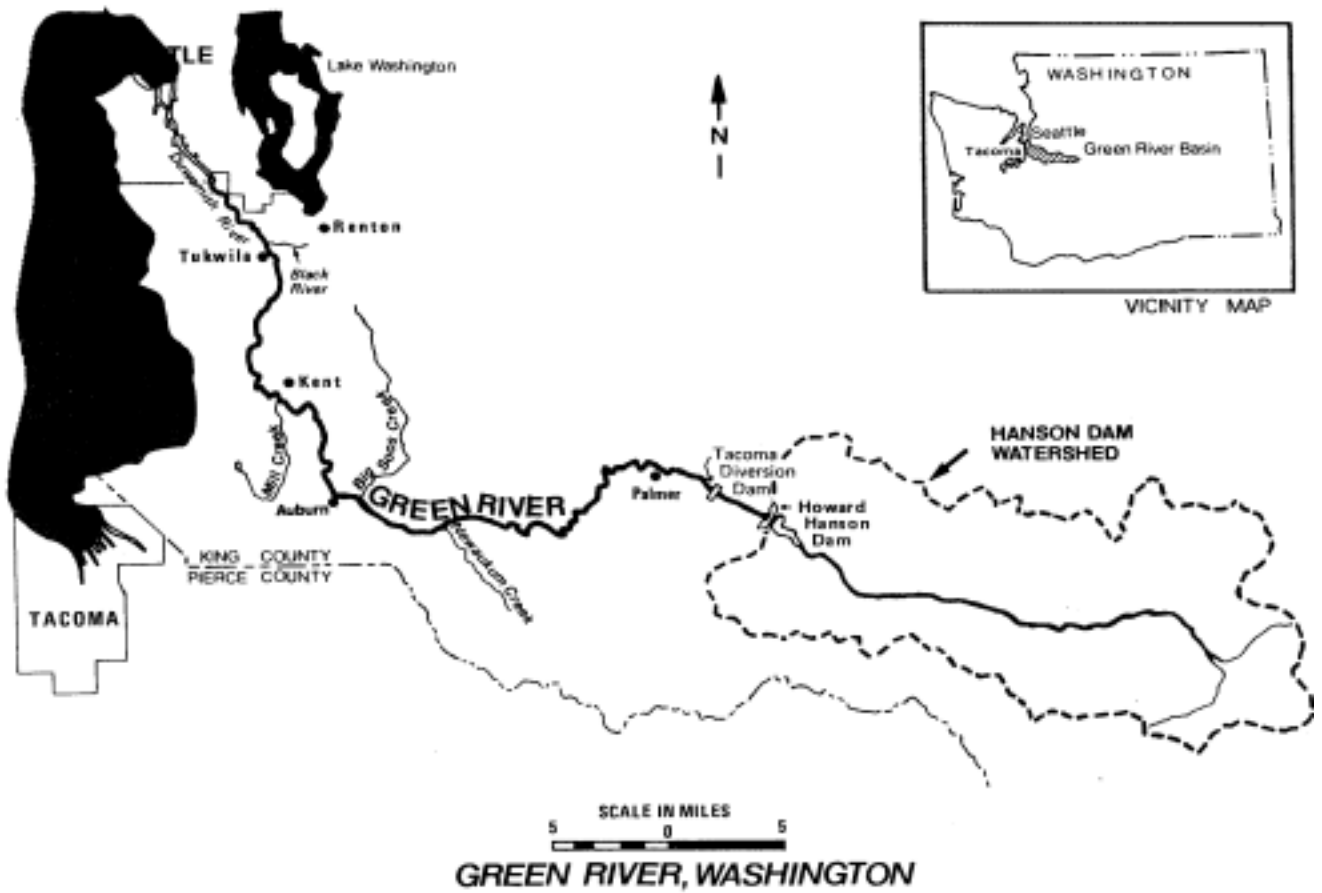


Figure 1. Location and Vicinity Map of the Howard Hanson Dam, Green River, King County, Washington. The proposed gravel nourishment and engineered logjam pilot project will be constructed downstream of the Tacoma Diversion Dam.

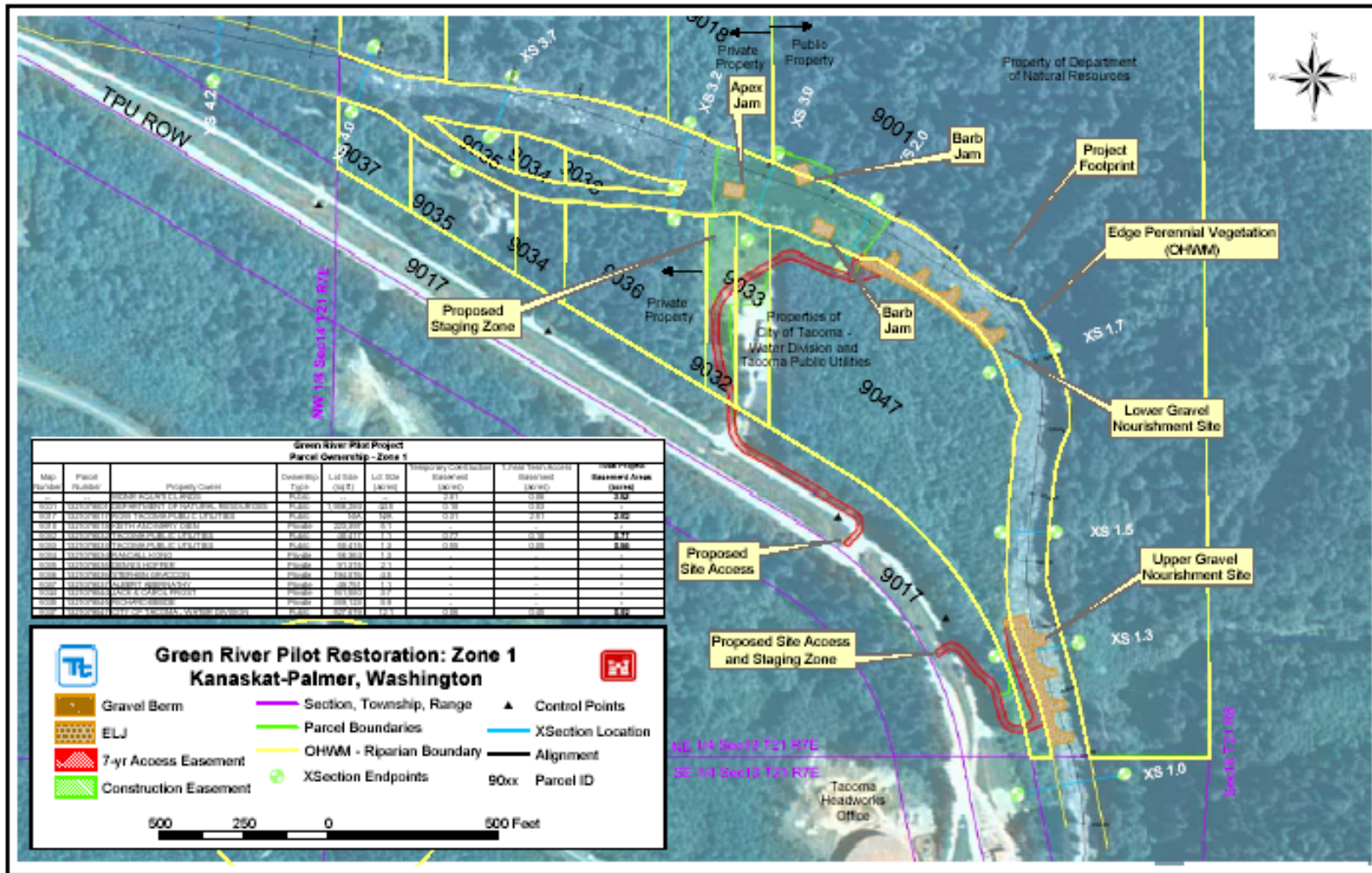


Figure 2. Aerial photograph of the restoration area, Upper Green River, King County, Washington. The proposed pilot project will be constructed in Restoration Zone 1 Located between Segments 2 and 3.

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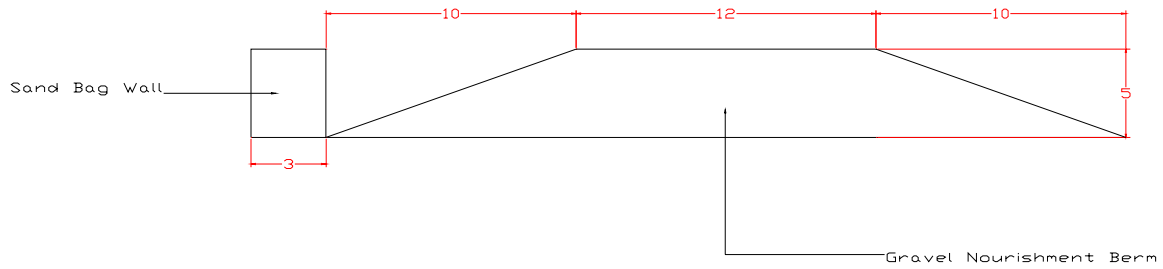
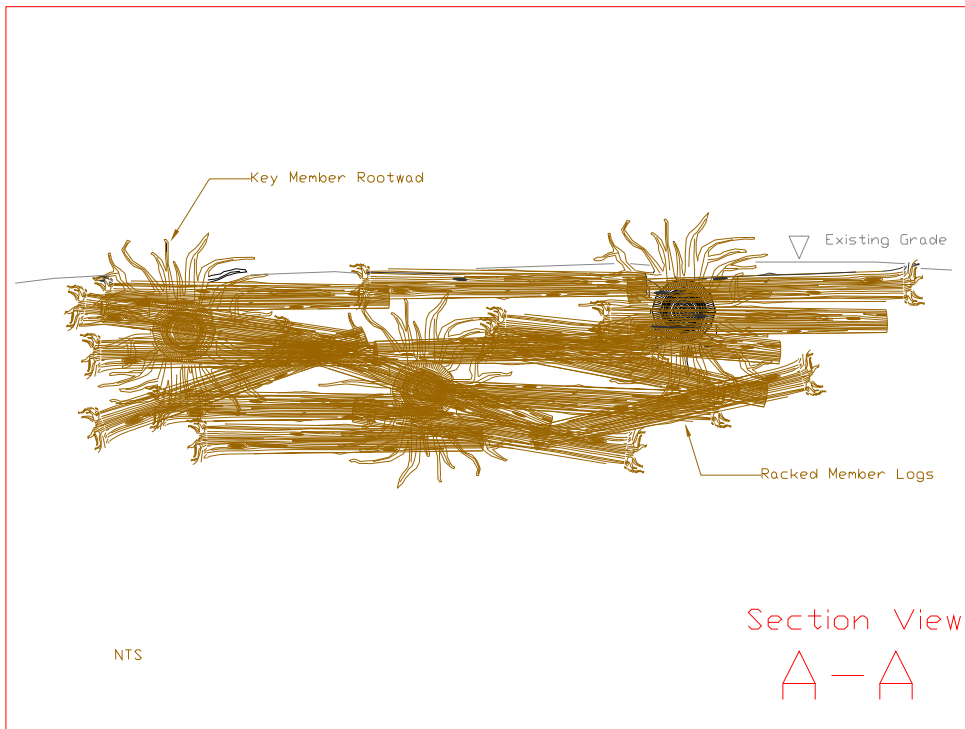
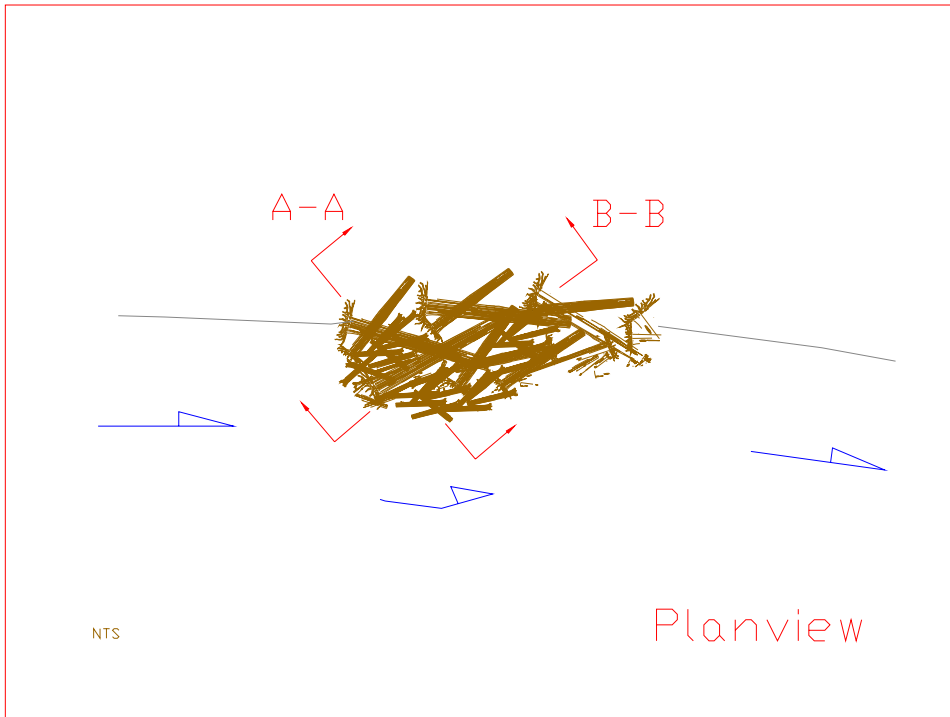


Figure 3. Expected Cross-section, Howard Hanson Dam Downstream gravel nourishment berms; Green River; King County, Washington. Dimensions are in feet, and the washed toe will be placed around the lower edged to meet water levels at the time of construction.

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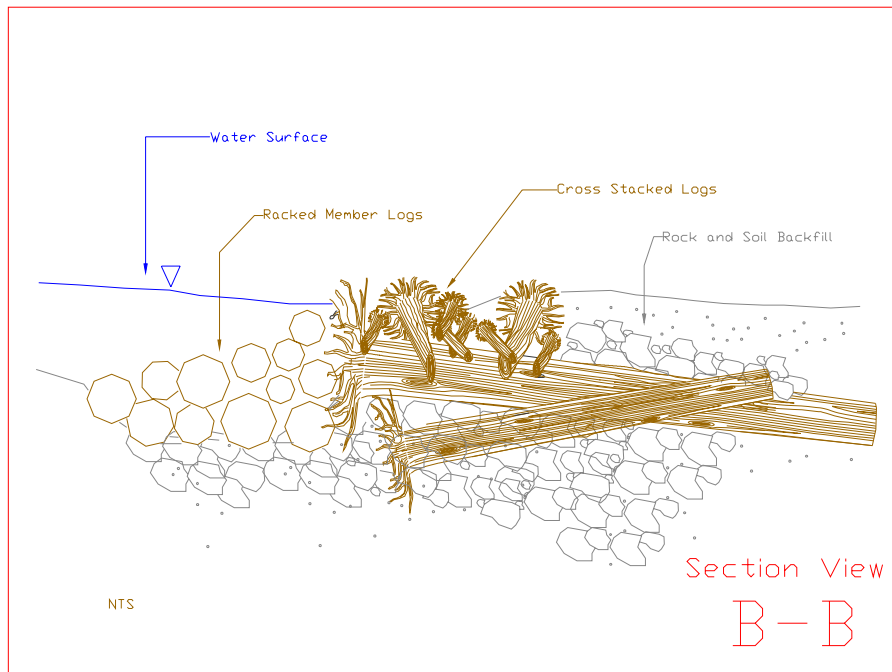


Figure 4. Plan view and sections through generalized Engineered Log Jam. Jams will be placed in pits approximately 30 ft by 30 ft by 50 ft. Sediments excavated for placement will be used to backfill pits, and ELJ's will be anchored in place with buried rock.

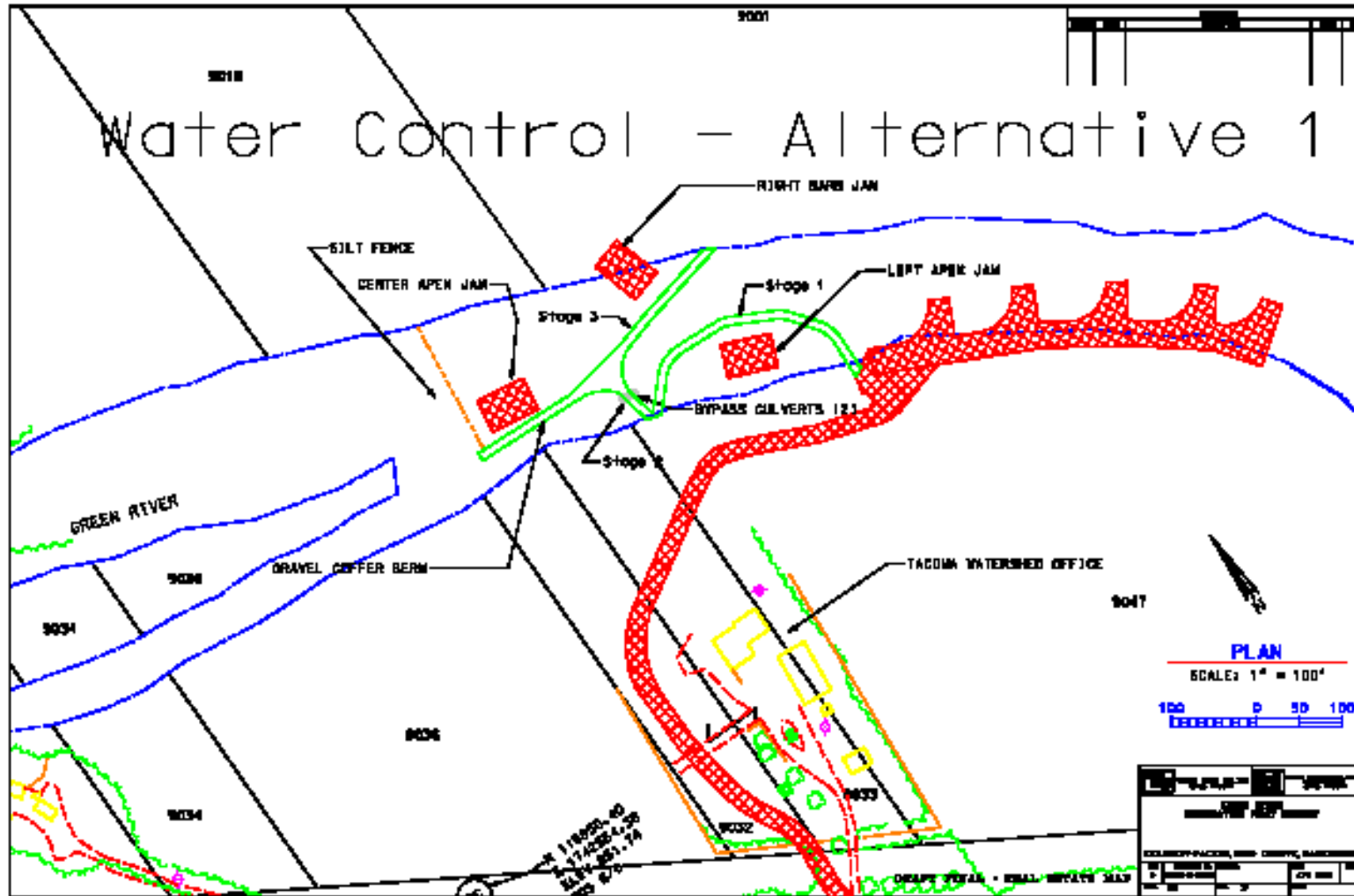


Figure 5. Preferred water control alternative – gravel berms with washed toe – for construction of engineered logjams in Restoration Zone 1, Green River, King County Washington.



STATE OF WASHINGTON

DEPARTMENT OF ECOLOGY

Mail Stop PV-11 • Olympia, Washington 98504-8711 • (206) 459-6000

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

9 April 2003

Date: _____

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 Corps of Engineers Public Notice No. PL-03-01 _____ will comply with Sections 301, 302, 303, 306, and 307 of the Act, and with applicable provisions of State and Federal water pollution control laws.

Notice is also 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 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:

Permit Coordination Unit
Department of Ecology
P.O. Box 47703
Olympia, WA 98504-7703

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