



# 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: July 8, 2002**  
**Expiration Date: July 23, 2002**  
**Reference: PL-02-04**  
**Name: Seattle District,**  
**Corps of Engineers**

## 15 Day Notice

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Interested parties are hereby notified that the U.S. Army Corps of Engineers, Seattle District, plans to perform work related to the Fish Passage Facility, 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 at the Howard Hanson Dam, Green River, upstream of the city of Auburn, King County, Washington. The project is located at river mile (RM) 64.

**WORK:** The project is located on the reservoir side of the Howard Hanson Dam, adjacent to the existing intake tower. The project consists of the installation of a cofferdam, including rock excavation and removal; excavation of the left bank for hydraulic function augmentation; construction of the fish passage facility in the dry behind the cofferdam; construction of a new access road to the existing intake tower, with 3 acres of fill placement; the construction and installation of new fish transport pipes in the flood control tunnel.

The cofferdam and facility is to be constructed on land owned by the Corps, within land owned by the Non-Federal Sponsor, the City of Tacoma. The specific sequence of construction activities is expected to be as follows:

1. Cofferdam Construction and structure excavation:
  - a. Remove overburden – July / August 2003
  - b. Install Cofferdam, and regrade the left bank– August 2003 / November 2003
  - c. Excavate rock, IN THE DRY, from present elevation to 1020 ft (50,000 cy total including overburden)– December 2003 / May 2004
  - d. Remaining excavations for 24”and 48” pipes, access tunnel and approach channel – May 2004 / September 2005
  - e. Remove Cofferdam January 2006 / February 2006
2. Fish Passage Facility Construction, in the Dry:
  - a. Foundation prep and construction from elevation 1029 to 1048 – May 2004 / August 2004.
  - b. Tower construction from elevation 1029 to 1251 ft. – July 2004 / July 2005.
  - c. Lid at 1252 ft. – July 2005.
  - d. Installation of internal fish passage hardware, including fish horn guide slots, fish horn, Bypass deflector, horn hoist, rubber dam and rubber dam guide-slots – August 2004 / November 2005.
  - e. Personnel access tunnel construction – February 2004 / March 2004.

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**PURPOSE:** Purpose of this project is to provide increased fish passage down stream through the dam for listed anadromous fish and provide low flow augmentations and temperature regulation to benefit downstream populations of listed anadromous fishes.

**MITIGATION:** No mitigation is required for this project as it represents an addition to an existing dam, which will increase fish passage success of listed anadromous fish and provide better temperature control of reservoir discharge waters.

**COORDINATION:** The proposed work is being coordinated with the following Federal, State, or 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 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. Included in this list were four species listed as threatened, 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 find that the fish passage facility is not likely to adversely effect species except bull trout, and included Reasonable and Prudent Measures to minimize effects to bull trout. 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.

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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, 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 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 Mr. Mike Padilla, (206) 764-6734. 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)

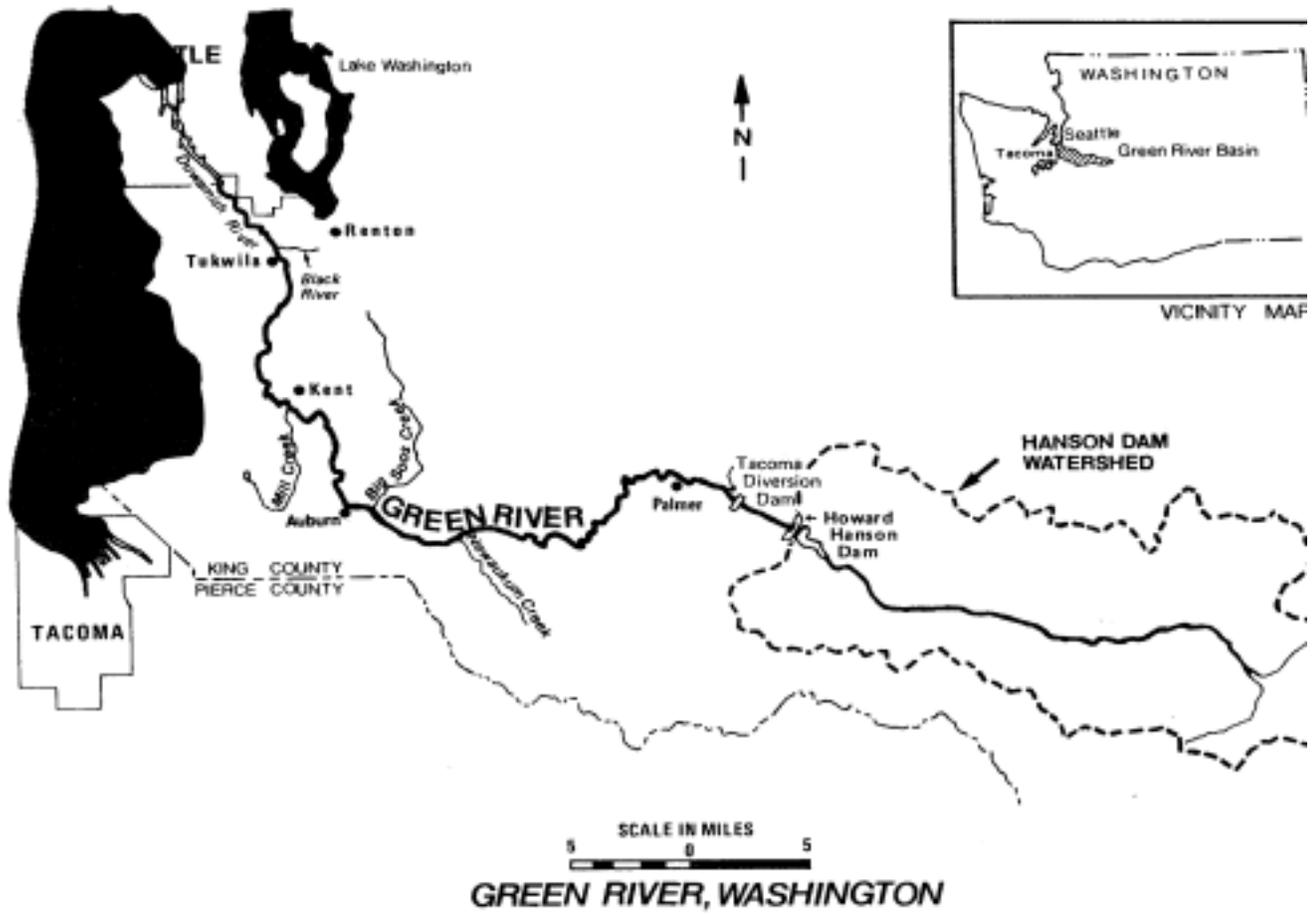


Figure 1. Location and Vicinity Map of the Howard Hanson Dam, Green River, King County, Washington.

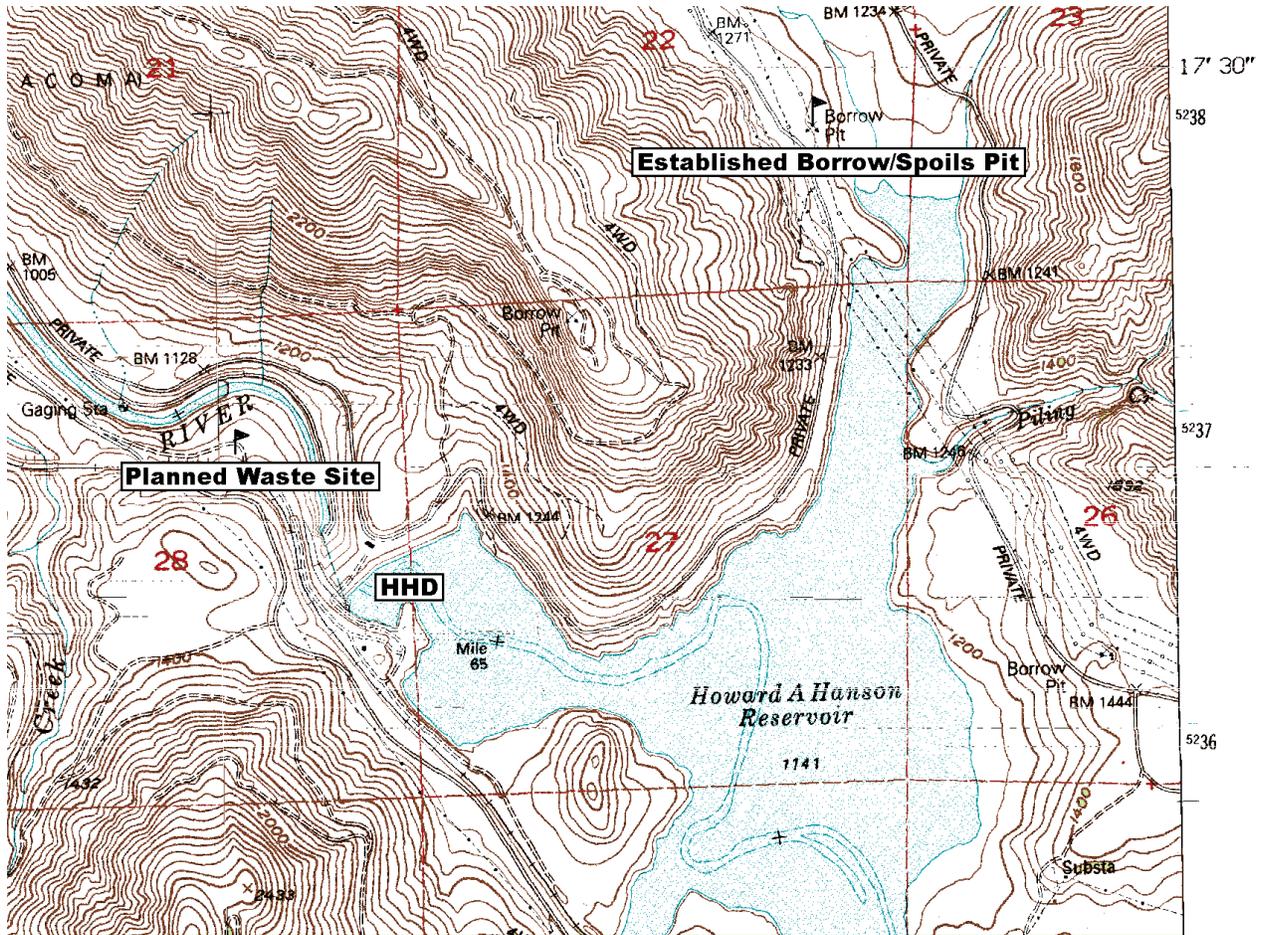


Figure 2. Site Map of the Howard Hanson Dam, Green River, King County Washington. The Fish Passage Facility will be built at the dam (HHD) and excavated material will be disposed of at the sites labeled “planned Waste Site” and Established Borrow/Spoils Pit. These two locations are upland sites within City of Tacoma Lands.

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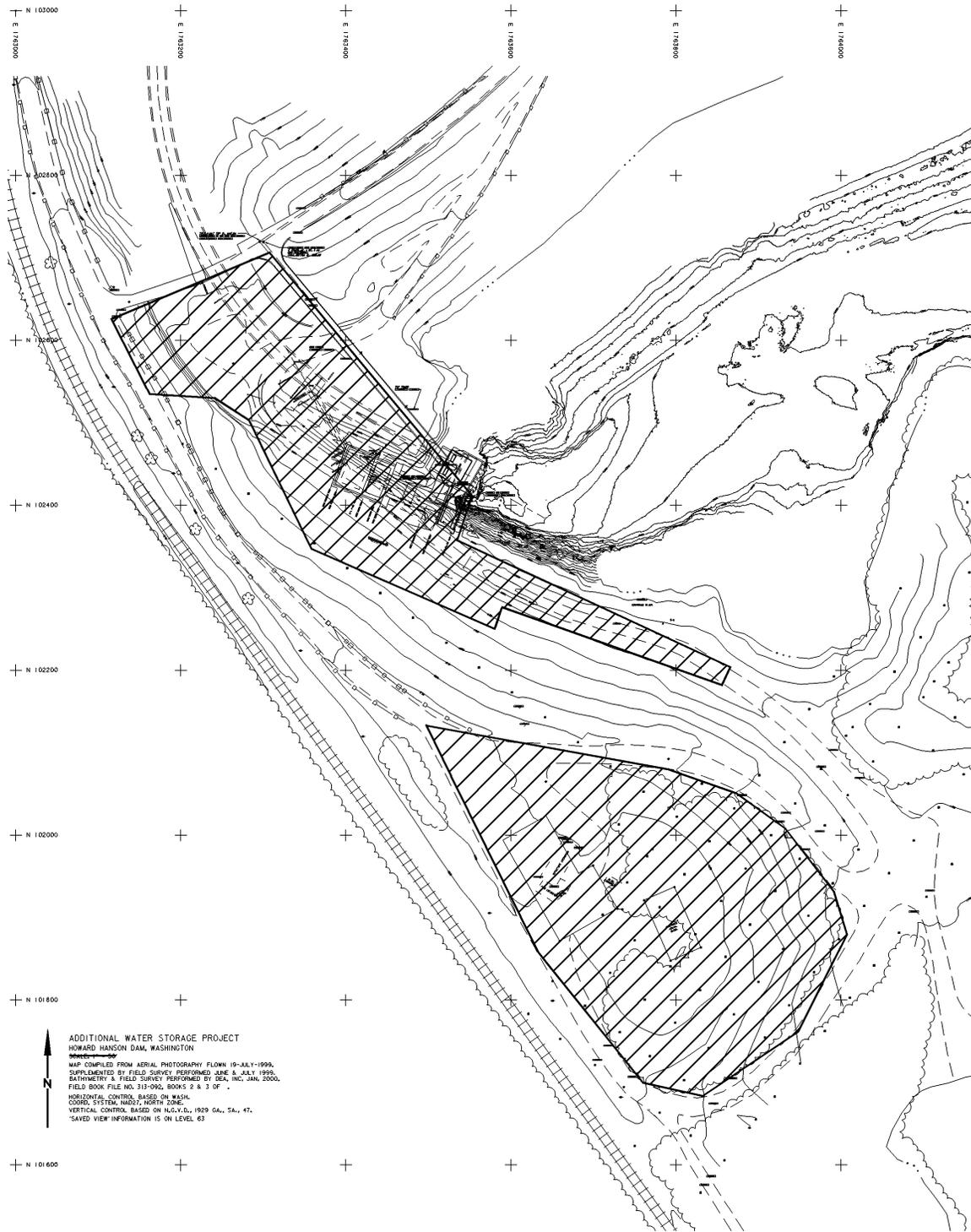


Figure 3. Excavation areas for the Fish Passage Facility, Howard Hanson Dam, Green River, King County, Washington. The hatched denote the locations of rock and overburden excavation, which equals approximately 50,000 cubic yards.

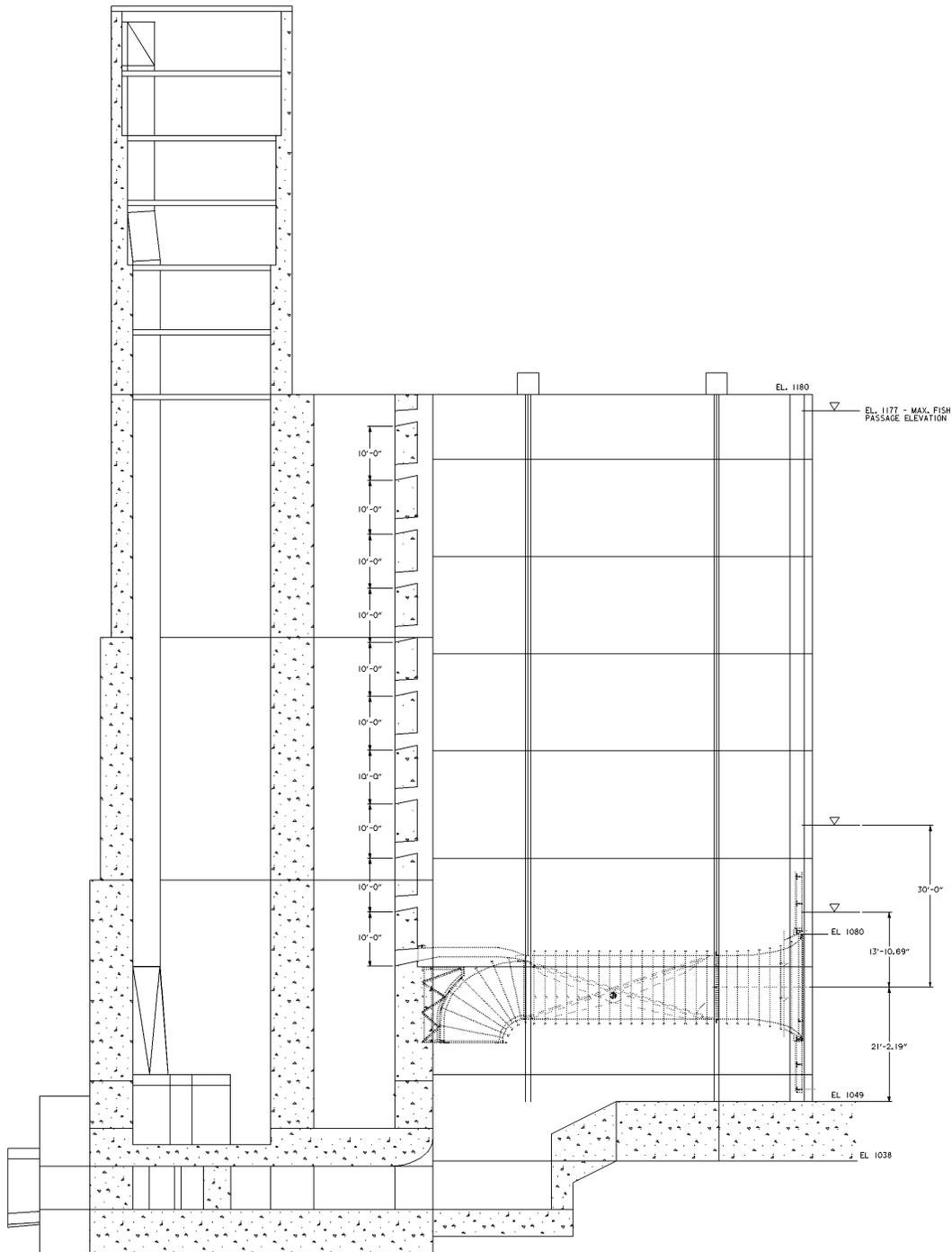


Figure 4. Vertical Cross Section of the Fish Passage Structure, Howard Hanson Dam, Green River, King County Washington. Elevations noted are in relation to the existing reservoir, which has a minimum operating elevation of 1070 ft.



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

Date:                 
             8 2002

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-02-04 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