



US Army Corps
of Engineers
Portland District

PUBLIC NOTICE

for PERMIT APPLICATION

Issue Date: September 7, 2004

Expiration Date: October 7, 2004

Corps of Engineers Action ID: 200400672

Oregon Division of State Lands Number: N/A

30 Day Notice

Interested parties are hereby notified that an application has been received for a Department of the Army permit for certain work in waters of the United States, as described below and shown on the attached plan.

Comments: Comments on the described work should reference the U.S. Army Corps of Engineers number shown above and should reach this office no later than the above expiration date of this Public Notice to become part of the record and be considered in the decision. Comments should be mailed to the following address:

U.S. Army Corps of Engineers
ATTN: CENWP-OP-GP (Mary J. Headley)
P.O. Box 2946
Portland, Oregon 97208-2946

Applicant: Grande Ronde Model Watershed Program, 10901 Island Avenue, La Grande, Oregon 97850

Location: Dry Creek and Lower Valley Ditch, Section 27, Township 2 North, Range 42 East, near Wallowa, Wallowa County, Oregon

Purpose: Under present conditions the system allows the mixing of Lower Valley Ditch and Dry Creek waters and consequently allows fish access from the creek into the ditch. These fish are at mortal risk during routine ditch operations and maintenance activities.

Project Description: The overall goal of this project is to improve native rainbow and anadromous steelhead production in the Dry Creek watershed, a tributary to the Wallowa River. Specific objectives include eliminating fish access to the Lower Valley Ditch system, thus reducing potential mortality, improving year-round juvenile fish passage in Dry Creek through the ditch crossing site, reducing flood impacts of high water events, while continuing to meet the land management objectives of the Lower Valley Ditch irrigators.

The proposed project activities would include:

- a. Removal of the existing concrete diversion structure.
- b. Construction of a 30-inch diameter, 100-foot long siphon ditch bypass under Dry Creek. The siphon system includes a concrete inlet structure with trash rack and headgate, and a concrete outlet structure. A PVC drain/cleanout pipe with headgate will be installed running from the bottom of the siphon draining into Dry Creek.

- c. Installation of 2 rock vortex weirs within the creek channel, one at the approximate location of the existing concrete structure, and one upstream of the existing structure. The vortex weirs will provide vertical streambed stability and prevent a headcut from moving upstream after the existing concrete structure is removed.
- d. Construction of a ditch bypass system with concrete inlet structure, including a headgate.
- e. Installation of stock watering systems for 3 parcels on the west side of the road, involving tanks and waterlines.
- f. Revegetation with native shrub and tree species in the Dry Creek channel immediately above and below the construction site, and disturbed ground will be seeded with native species to reduce noxious weed invasion.

The total area of proposed impact within waters of the United States would be 0.95 acre, involving the removal of approximately 900 cubic yards of material, and the discharge of approximately 520 cubic yards of material below the ordinary high water line of these waters.

Drawing(s): 8 sheets, identified as *Dry Creek Siphon Crossing, Corps #200400672*

Additional Information: Additional information may be obtained from Mary J. Headley, U.S. Army Corps of Engineers, La Grande Field Office, 541-962-0401.

Authority: This permit will be issued or denied under the following:

Section 404, Clean Water Act (33 U.S.C. 1344), for discharge of dredged or fill material into waters of the United States.

Water Quality Certification: A permit for the described work will not be issued until certification, as required under Section 401 of the Clean Water Act (P.L. 95-217), has been received or is waived from the certifying state. Attached is the state's notice advertising the request for certification.

Section 404(b)(1) Evaluation: The impact of the activity on the public interest will be evaluated in accordance with the Environmental Protection Agency guidelines pursuant to Section 404(b)(1) of the Clean Water Act.

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.

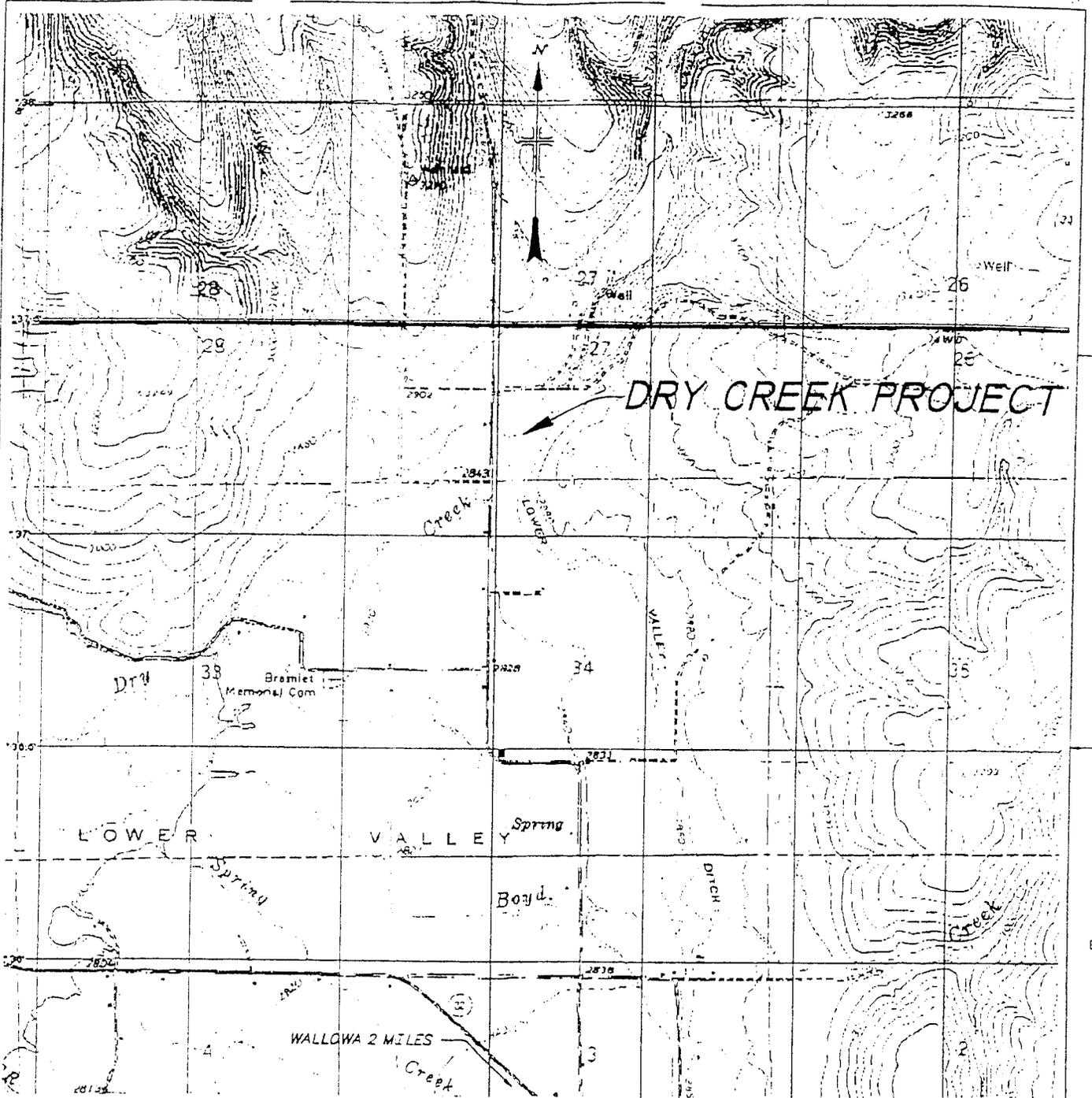
Endangered Species: Preliminary determinations indicate that the proposed activity may affect an endangered or threatened species or its critical habitat. Consultation under Section 7 of the Endangered Species Act of 1973 (87 Stat. 844) will be initiated. A permit for the proposed activity will not be issued until the consultation process is completed.

Cultural Resources: The applicant will arrange for completion of a cultural resource survey for the project site. The results of this survey will be reported to the State Historic Preservation Office. This public notice has been provided to the State Historic Preservation Office.

Evaluation: The decision whether to issue a permit will be based on an evaluation of the probable impact including cumulative impacts of the described activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit, which reasonably may be expected to accrue from the described activity, must be balanced against its reasonably foreseeable detriments. All factors, which may be relevant to the described activity 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, consideration of property ownership and, in general, the needs and welfare of the people.

The Corps of Engineers 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 proposed activity. Any comments received will be considered by the Corps of Engineers to determine whether to issue, modify, condition or deny a permit for this proposal. 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 proposed activity.

Additional Requirements: State law requires that leases, easements, or permits be obtained for certain works or activity in the described waters. These State requirements must be met, where applicable, and a Department of the Army permit must be obtained before any work within the applicable Statutory Authority, previously indicated, may be accomplished. Other local governmental agencies may also have ordinances or requirements, which must be satisfied before the work is accomplished.

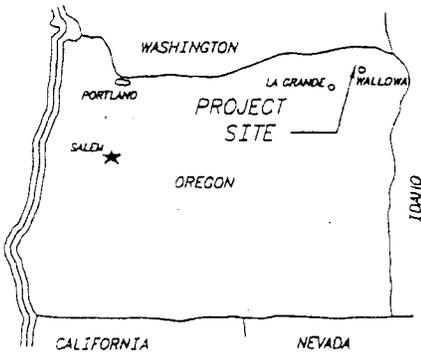


DRY CREEK PROJECT

PROJECT LOCATION:

SW 1/4 Section 27, T.2.N, R.42.E W.M.,
Wallowa County, Oregon

Latitude: N 45 37.24'
Longitude: W 117 33.42'



VICINITY MAP

ALWAYS THINK SAFETY

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION
LOWER VALLEY IRRIGATION DISTRICT
DRY CREEK SIPHON CROSSING

LOCATION MAP

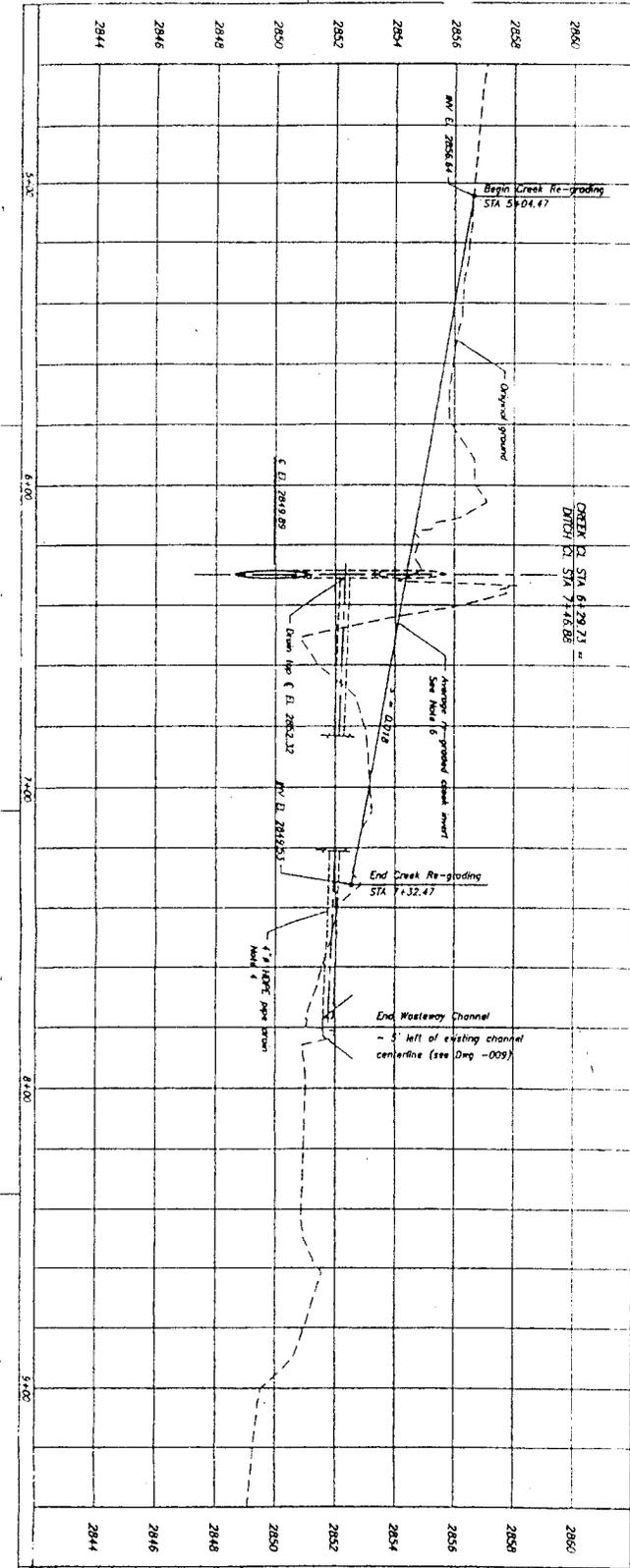
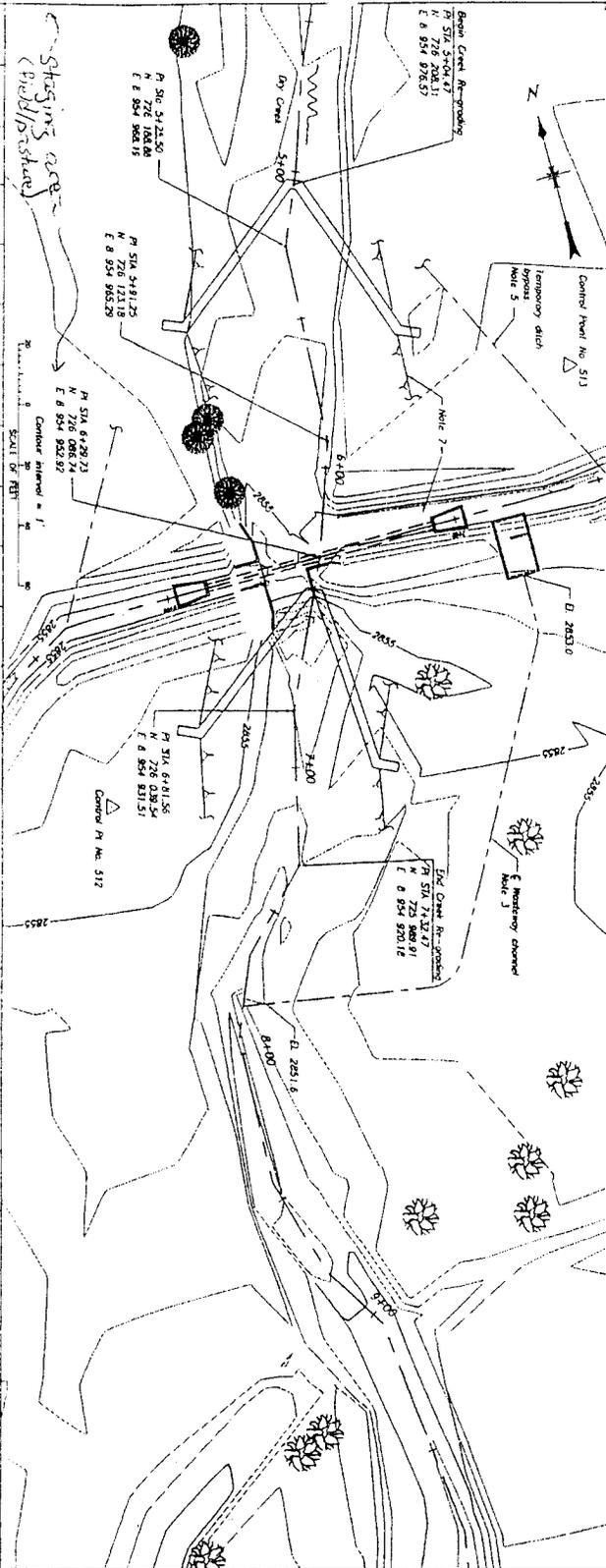
DESIGNED Eduardo Lopez Owsley CHECKED John F. Manfredi, P.E.
DRAWN Eduardo Lopez Owsley TECH APPR. Eduardo Lopez Owsley
APPROVED John F. Manfredi, P.E.
PROGRAM MANAGER

CADD FILENAME
1363-155-001.DWG

01/12

1363-155-001

1563-155-002



SHEET CONTROL

Control Point No. 512
 N 726 023.19
 E 854 928.51
 E 2855.64
 Control Point No. 513
 N 726 023.19
 E 854 928.51
 E 2855.64

NOTES

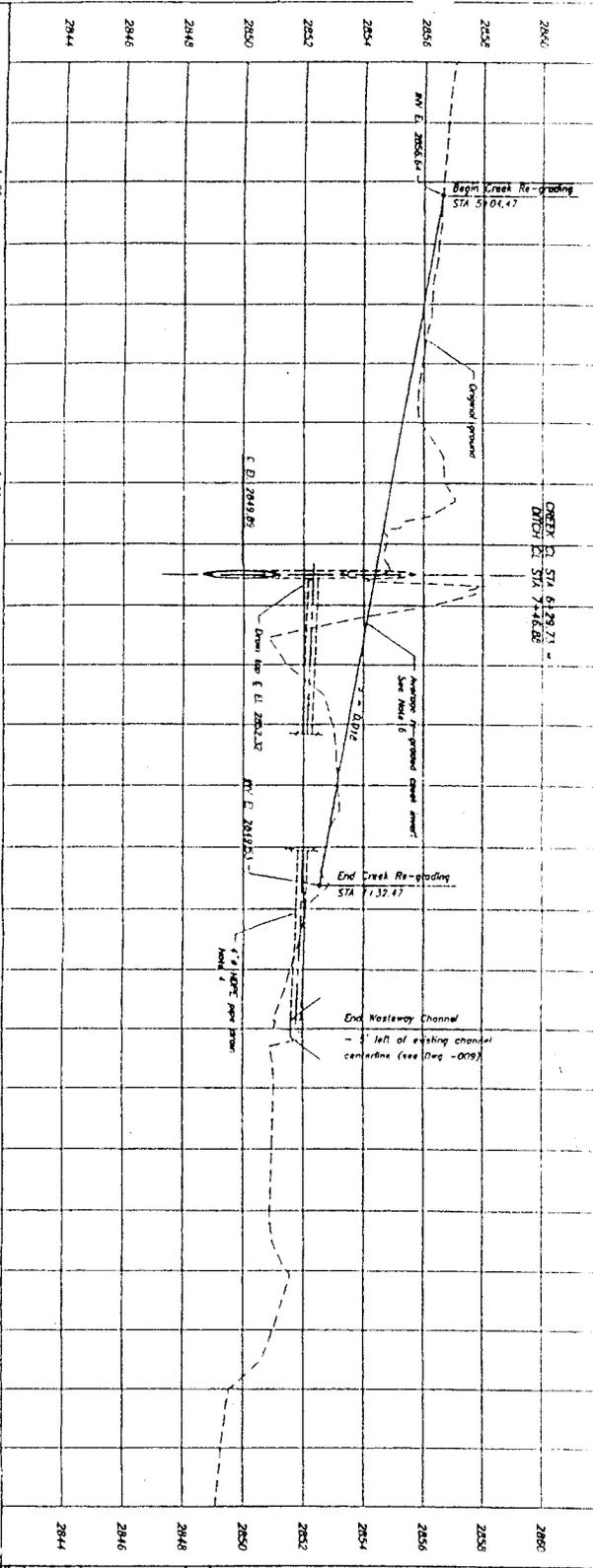
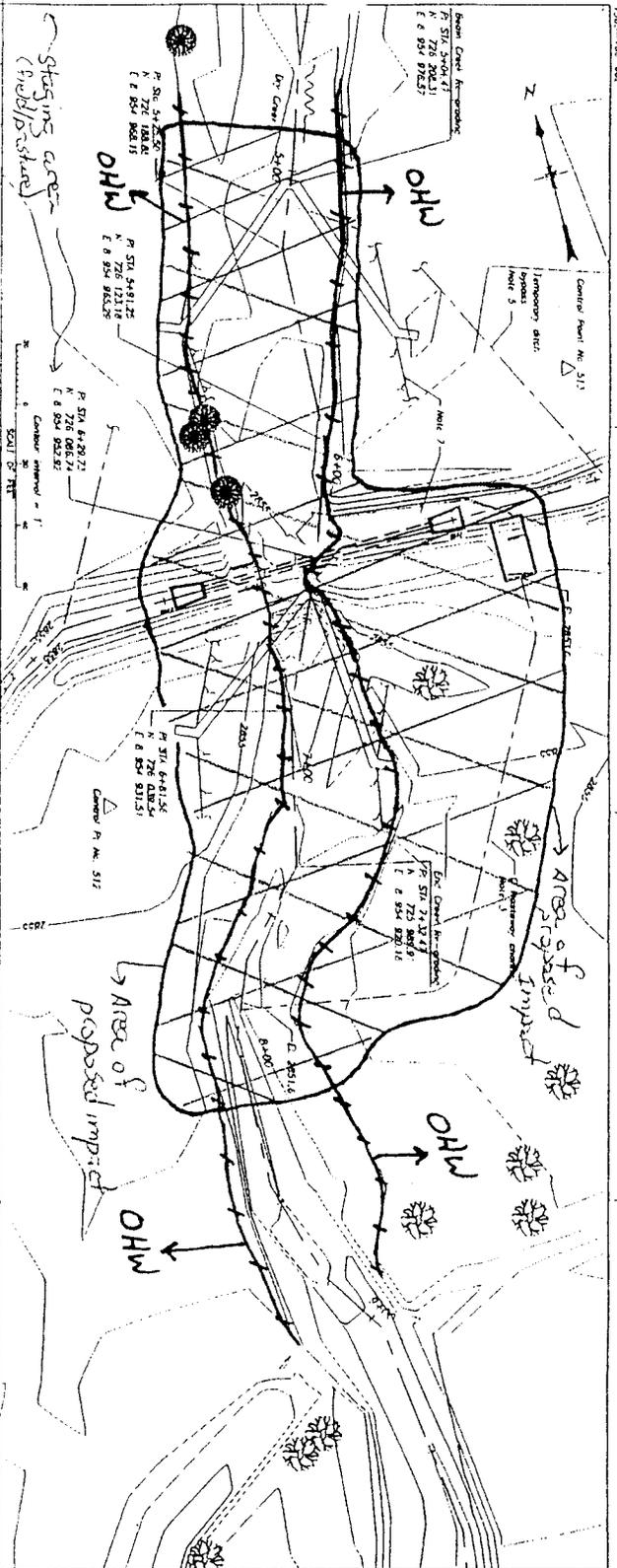
1. Project existing lines.
2. See Drawing -006 for typical creek channel cross-section.
3. Temporary channel alignment to be approved in field between structure and creek Sta 7+40. Wasteway channel 6' bottom width, 1.5' side slopes. Place 12" thick concrete roadway, also place 2" road surface over concrete roadway. For grade control of structure into channel bottom, for grade control of structure to creek.
4. Lay main pipe using bands with a ratio of pipe diameter to band width of 1:1. Lay pipe segment to be field approved.
5. Temporary ditch bypass segment to be field approved.
6. Creek control structures and posts are not shown. Refer to Drawing -004 for grade control structure notes.
7. See Drawing -001 for proposed creek banks and ditch embankments.

SAFETY

ALWAYS WEAR YOUR SAFETY GEAR

DRY CREEK SIPHON CROSSING
 DRY CREEK CHANNEL RESTORATION
 PLAN AND PROFILE

DATE	1563-155-002
PROJECT NO.	1563-155-002
SCALE	AS SHOWN
DESIGNED BY	
CHECKED BY	
APPROVED BY	



SUBJECT CONTROL

Control Point No. 512
 N 726 022.15
 E 834 644.12
 E 7803.67
 Control Point No. 513
 N 726 049.83
 E 834 652.72

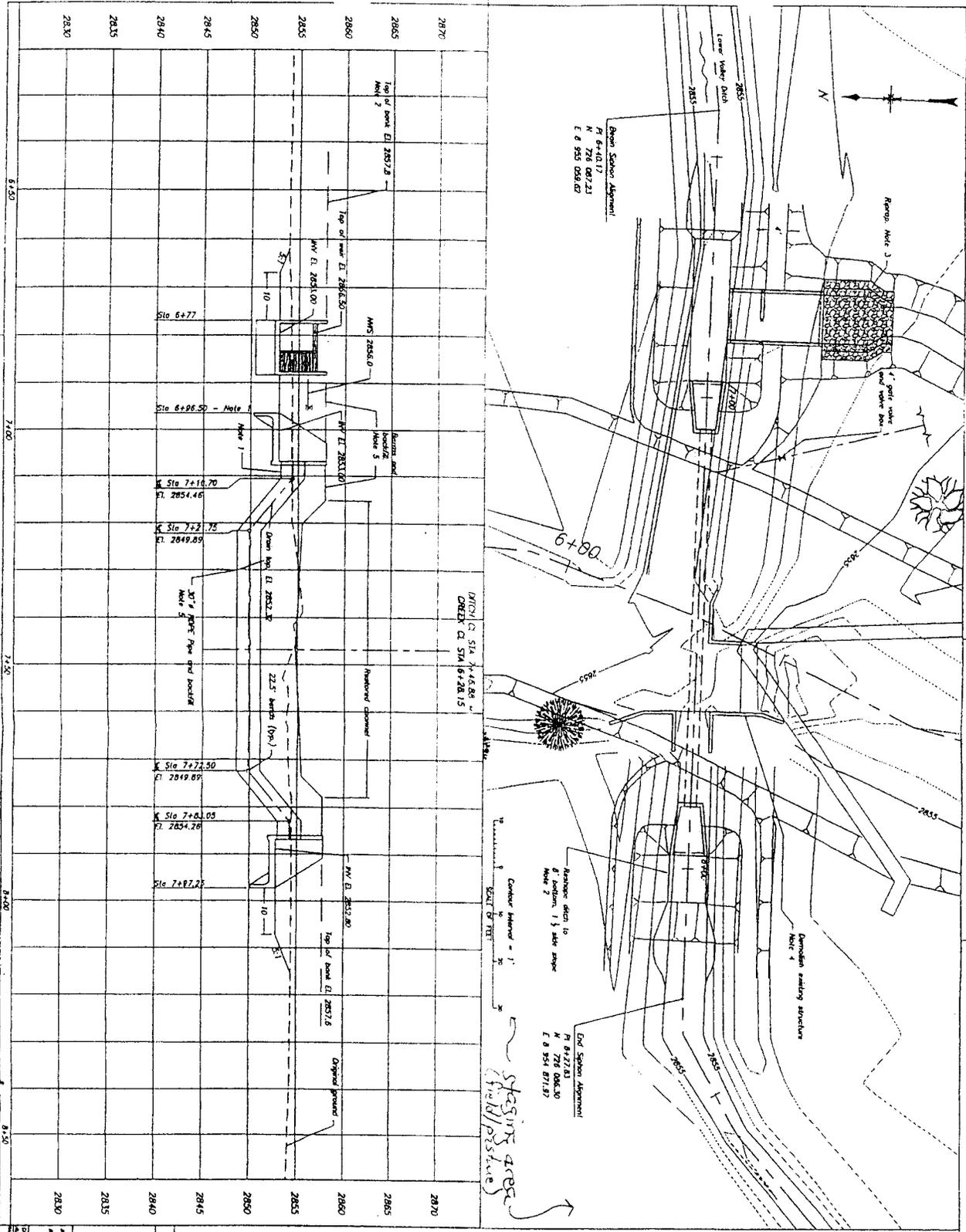
NOTES

1. Project survey data
2. See Drawing -003 for channel cross section
3. Temporary channel alignment to be approved in field between structure and crest Sta 7480. Temporary channel 6' bottom with 1 1/2' side slopes. Place 12" thick rebar into channel bottom and set about 15 feet concrete roadway. After pour 7' x 12" x 20" concrete and install bottom for grade control of from structure to crest.
4. Low flow just using channel with a ratio of low water to high water of 1:1.5. The permanent structure shall be equal to 5' from pier alignment to be field approved.
5. Temporary flow bypass alignment to be field approved.
6. Creek control structures and points are not shown. Refer to Drawing -004 for grade control structure profile.
7. See Drawing -001 for proposed cross section and elevations.

SAFETY

**DRY CREEK SIPHON CROSSING
 DRY CREEK CHANNEL RESTORATION
 PLAN AND PROFILE**

DATE: 1363-155-002



VERTICAL CURVE DATA
 STA 7+45.80 -
 GRADE EL STA 87.281.15

Center line = 1' -
 SCALE TO FIT

EXISTING CREEK
 FIELD PROFILE

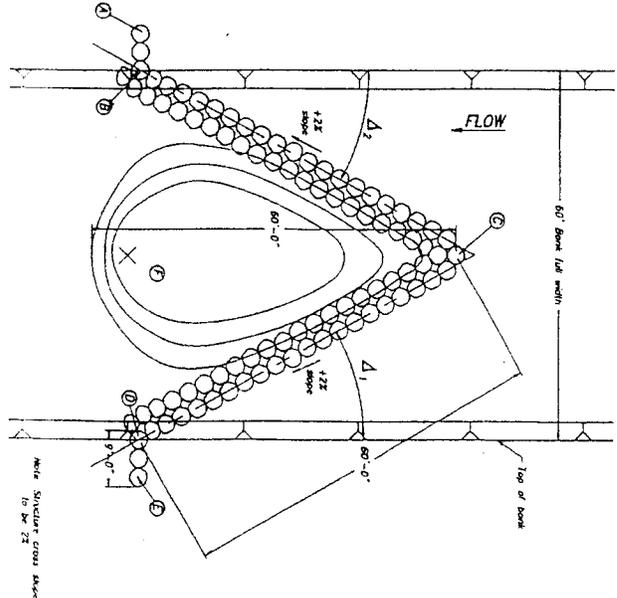
NOTES

1. Lay more than transition structure upstream, as appropriate, and increase length of first pipe segment to prevent subsidence of water level and consequent pipe movement. See appropriate standard for water level prediction and first pipe segment.
2. Transition between inlet and outlet ditch sections, and existing ditch as appropriate.
3. Riprap masonry channel bottom and slopes 12" thick, 15' post concrete structure.
4. Backfill voids with form demolished new structure with well graded 3" max material.
5. Excavation lines for structures and pipe: 1-foot outside foundation perimeter for concrete structure; 1-foot on 1:1 slopes; 6-inches below pipe bottom 2 feet from up on 1:1 slopes; 2 feet from up on 1:1 slopes.
6. Compact all backfill under, around, over, all pipe bedding and backfill of structure, bedding and new ditch and new ditch form to 85% minimum density; 2. Finished canal banks and ditch embankment slopes shown are appropriate.

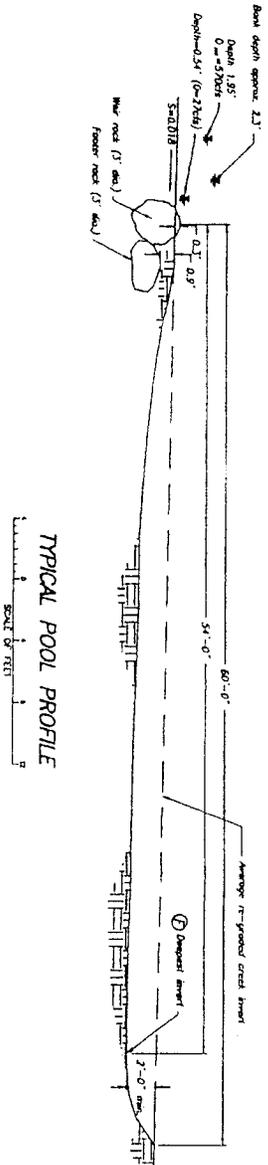
SAFETY

LOWER VALLEY DITCH
 DRY CREEK SIPHON CROSSING
 PLAN AND PROFILE

DATE	BY	REVISION
1363-155-003	SKILLER, J.	1363-155-003



TYPICAL PLAN
SCALE OF FEET



TYPICAL POOL PROFILE
SCALE OF FEET

GRADE CONTROL STRUCTURE #1		GRADE CONTROL STRUCTURE #2	
A	2857.63	6+44.5	RT CUTOFF
B	2857.80	6+44.6	RT ABUTMENT
C	2858.63	5+04.3	NOTCH
D	2857.80	6+00.0	LT ABUTMENT
E	2857.63	6+00.0	LT CUTOFF
F	2858.34	5+58.67	SCOUR HOLE INVERT

GRADE CONTROL STRUCTURE #2		GRADE CONTROL STRUCTURE #1	
A	2858.67	6+47.8	RT CUTOFF
B	2855.67	6+87.8	RT ABUTMENT
C	2854.47	6+42.0	NOTCH
D	2855.67	6+88.7	LT ABUTMENT
E	2855.67	6+88.7	LT CUTOFF
F	2852.17	6+88.0	SCOUR HOLE INVERT

- NOTES
1. For structure #1, departure angles are asymmetrical to avoid seating trees at Sta 6+00 and to accommodate meander.
 2. Structure slope is 2% to the right.
 3. Structure slope is 2% to the left.
 4. Reference Drawing 002.
 5. Feeder rock fill length of diagonals.
 6. Muddy grade control structure lines and grades as directed to fit existing and proposed channel.

SAFETY

ALWAYS THINK SAFETY

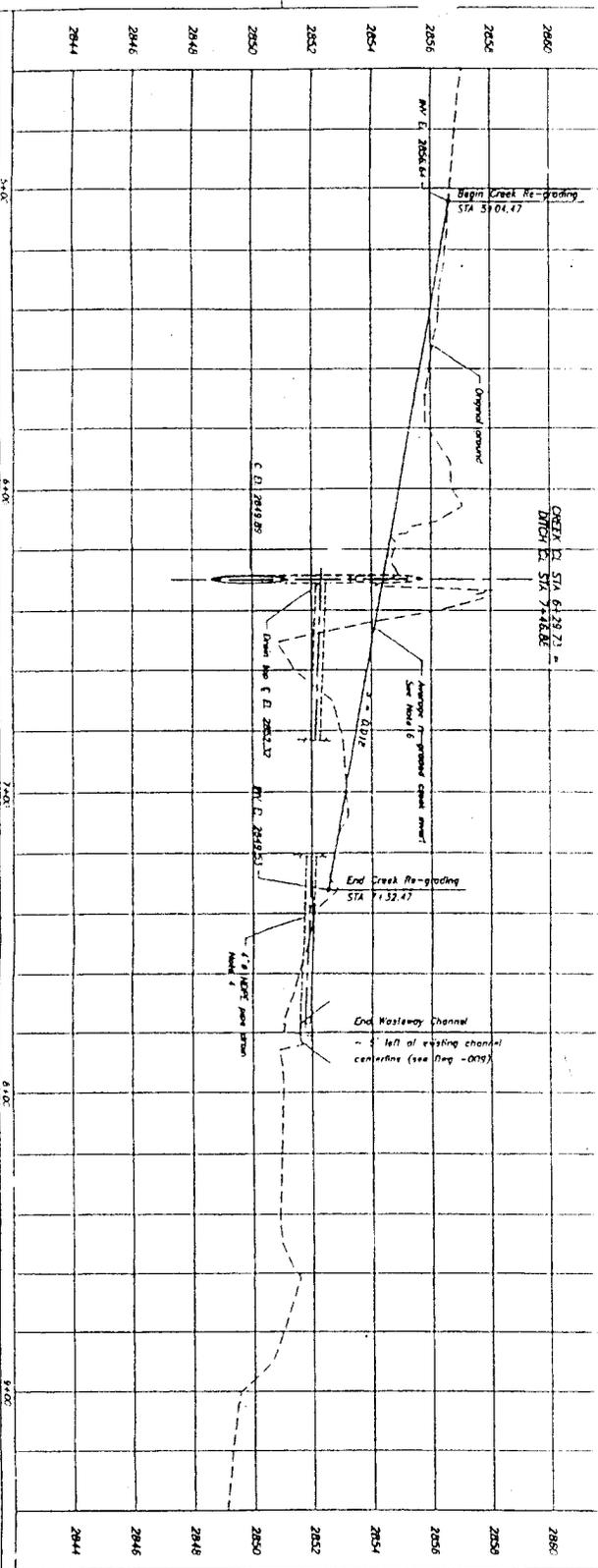
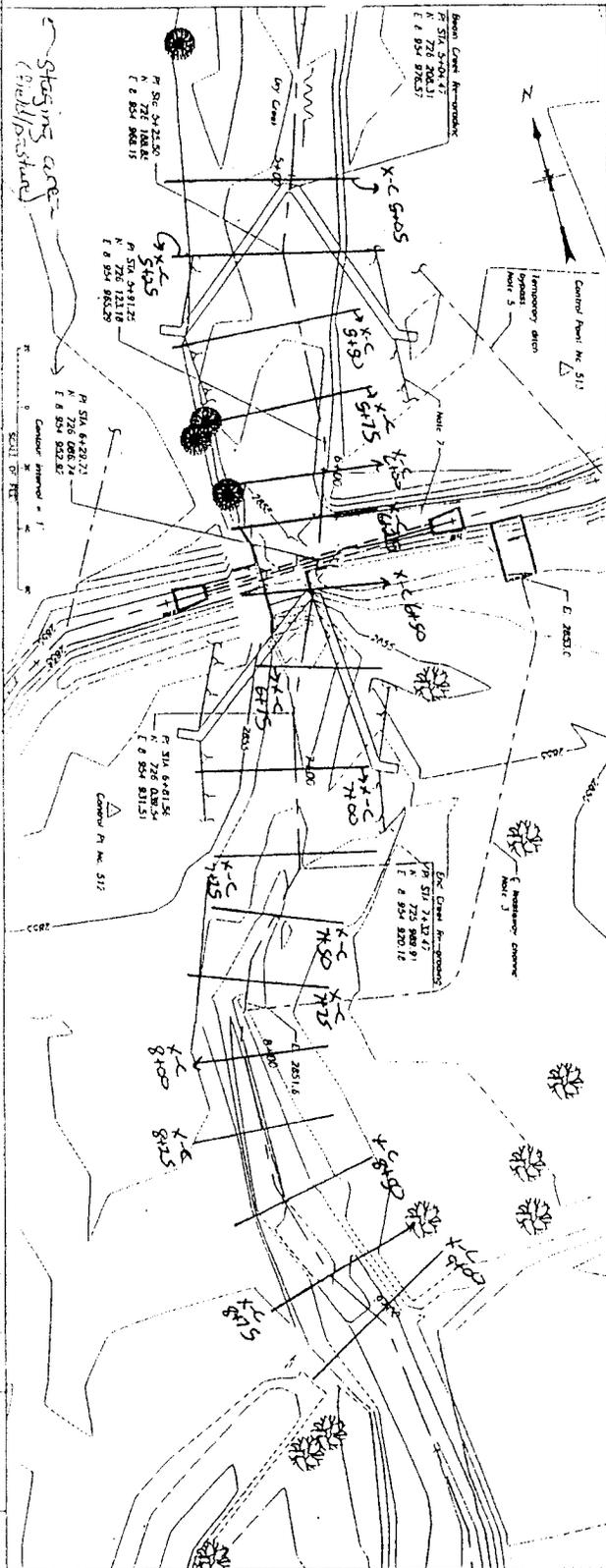
LOUISIANA WATER INFRASTRUCTURE DISTRICT
 DISTRICT OF ADMINISTRATION
 DISTRICT OFFICE
 1409 PINE STREET
 MONROE, LA 70502

**DRY CREEK SIPHON CROSSINGS
 PLAN AND PROFILE**

DESIGNED BY: *[Signature]*
 CHECKED BY: *[Signature]*
 DATE: 10/13/2004

PROJECT NO: 1363-155-004

156-155-002



SUBJECT CONTROL:

Control Point No. 512
 N 726 024.19
 E 726 044.17
 E 2858.41
 Control Point No. 511
 N 726 128.23
 E 726 049.80
 E 2857.72

Cross section Locations

NOTES:

1. Project existing structure.
2. See Drawing - 006 for general creek crossing structure.
3. Temporary structure alignment to be approved in bank between structure and crest Sta 7+80. Temporary channel 6' bottom width, 1 1/2' side slopes. Place 12" thick concrete roadway, four feet 2" wide of structure top, centered and extend from structure to crest.
4. Lay down pile using lands with a ratio of four to one. Piles are to be spaced 10' apart and approved to be field approved.
5. Temporary deck bays approval to be field approved.
6. Grade control structures and joints are not shown. Refer to Drawing - 007 for grade control structure profiles.
7. See Drawing - 007 for proposed creek banks and ditch embankments.

SAFETY

DRY CREEK SIPHON CROSSING
DRY CREEK CHANNEL RESTORATION
PLAN AND PROFILE

DATE	1563-155-002
SCALE	AS SHOWN
PROJECT NO.	1563-155-002

PUBLIC NOTICE
Oregon Department of Environmental Quality
Water Quality 401 Certification

Corps of Engineers Action ID Number: 200400672
Oregon Division of State Lands Number: «ODSL»

Notice Issued: September 7, 2004
Written Comments Due: October 7, 2004

WHO IS THE APPLICANT: Grande Ronde Model Watershed Program, 10901 Island Avenue, La Grande, Oregon 97850

LOCATION OF CERTIFICATION ACTIVITY: See attached U.S. Army Corps of Engineers public notice

WHAT IS PROPOSED: See attached U.S. Army Corps of Engineers public notice on the proposed project

NEED FOR CERTIFICATION: Section 401 of the Federal Clean Water Act requires applicants for Federal permits or licenses to provide the Federal agency a water quality certification from the State of Oregon if the proposed activity may result in a discharge to surface waters.

DESCRIPTION OF DISCHARGES: See attached U.S. Army Corps of Engineers public notice on the proposed project

WHERE TO FIND DOCUMENTS: Documents and related material are available for examination and copying at Oregon Department of Environmental Quality, Water Quality Division, 811 S.W. 6th Avenue, Portland, Oregon 97204

While not required, scheduling an appointment will ensure documents are readily accessible during your visit. To schedule an appointment please call Alice Kavajecz at (503) 229-6962.

Any questions on the proposed certification may be addressed to the 401 Program Coordinator at (503) 229-5845.

PUBLIC PARTICIPATION:

Public Hearing: Oregon Administrative Rule (OAR) 340-48-0020 (6) states that "The Director shall provide an opportunity for the applicant, any affected state, or any interested agency, person, or group of persons to request or petition for a public hearing with respect to certification applications. If the Director determines that new information may be produced thereby, a public hearing will be held prior to the Director's final determination. Instances of doubt shall be resolved in favor of holding the hearing. There shall be public notice of such a hearing."

Written comments:

Written comments on the proposed certification must be received at the Oregon Department of Environmental Quality by 5 p.m. on (full date). Written comments should be mailed to Oregon Department of Environmental Quality, Attn: 401 Program Coordinator, 811 S.W. 6th Avenue, Portland, Oregon 97204. *People wishing to send written comments via e-mail should be aware that if there is a delay between servers or if a server is not functioning properly, e-mails may not be received prior to the close of the public comment period.* People wishing to send comments via e-mail should send them in Microsoft Word (through version 7.0), WordPerfect (through version 6.x) or plain text format to 401publiccomments@deq.state.or.us. Otherwise, due to conversion difficulties, DEQ recommends that comments be sent in hard copy.

WHAT HAPPENS NEXT: DEQ will review and consider all comments received during the public comment period. Following this review, the permit may be issued as proposed, modified, or denied. You will be notified of DEQ's final decision if you present either oral or written comments during the comment period. Otherwise, if you wish to receive notification, please call or write DEQ at the above address.

ACCESSIBILITY INFORMATION: This publication is available in alternate format (e.g. large print, Braille) upon request. Please contact DEQ Office of Communications and Outreach at (503) 229-5317 or toll free within Oregon at 1-800-452-4011 to request an alternate format. People with a hearing impairment can receive help by calling DEQ's TTY at (503) 229-6993.