



US Army Corps
of Engineers
Seattle District



Joint Public Notice

Application for a Department of the Army Permit and a Washington Department of Ecology Water Quality Certification and/or Coastal Zone Management Consistency Concurrence

US Army Corps of Engineers

Regulatory Branch
Post Office Box 3755
Seattle, WA 98124-3755
Telephone (360) 906-7274
Attn: Danette L. Guy, Project Manager

WA Department of Ecology

SEA Program
Post Office Box 47600
Olympia, WA 98504-7600
Telephone (360) 407-6068
Attn: SEA Program, Federal Permit
Coordinator

Public Notice Date: September 24, 2012

Expiration Date: October 24, 2012

Reference No.: NWS-2012-0091

Name: Consolidated Diking Improvement
District No. 2

Interested parties are hereby notified that the U.S. Army Corps of Engineers (Corps) and the Washington Department of Ecology (Ecology) have received an application to perform work in waters of the United States as described below and shown on the enclosed drawings dated July 31, 2012.

The Corps will review the work in accordance with Section 404 of the Clean Water Act (CWA) and Section 10 of the Rivers and Harbors Act. Ecology will review the work pursuant to Section 401 of the CWA, with applicable provisions of State water pollution control laws.

APPLICANT: Consolidated Diking Improvement District No. 2
1600 13th Avenue
Kelso, Washington 98626
Attention: Mr. Dale Boon
Telephone: (360) 225-8935

AGENT: Ecological Land Services, Inc.
1157 3rd Avenue, Suite 220
Longview, Washington 98632
Attention: Ms. Michele McGraw
Telephone: (360) 578-1371

LOCATION: In wetlands abutting Burris Creek at the northeast portion of the intersection of Dike Access Road and the north bound on-ramp of Interstate-5 in Woodland, Cowlitz County, Washington.

WORK: Place fill in 0.22 acre of wetlands to construct a 350-foot long, 80-foot wide berm using a maximum of 1,300 cubic yards of soil and rock. Installation of a 24" culvert with a slide gate will also be installed in the berm. Rootwads will be cabled together and secured with earth anchors to stabilize two areas of the stream bank.

PURPOSE: The applicants stated purpose is to construct a berm to control flooding events.

ADDITIONAL INFORMATION: Currently Burris Creek tops its banks during two-year flooding events causing flooding of arterial roads immediately adjacent to the site. Measures to alleviate flooding at the site have included

installing culverts under the intersection allowing water to be directed and dispersed into the slough and a water storage area on the west side of I-5. The applicant proposes to construct the berm and install the culvert as additional flood reduction measures to work in conjunction with these existing measures on site.

Copies of this public notice which have been mailed or otherwise physically distributed feature project drawings in black and white. The electronic version features those drawings in color, which we think more accurately communicates the scope of project impacts. To access the electronic version of this public notice, go to the Seattle District's web page at <http://www.nws.usace.army.mil/> and under the heading Open Public Comment Periods select Regulatory Public Notices. Recently-issued public notices are listed in chronological order of the date of issuance. Select and view the listing for this project.

The wetland boundaries and/or location of the ordinary high water mark/ line of mean high water/ mean higher high water shown on the project drawings have not yet been verified by the Corps. If the Corps determines the boundaries of the wetland/waters are substantially inaccurate a new public notice may be published.

MITIGATION: The applicant proposes to create 0.30 of an acre of wetlands and enhance 0.64 of an acre of wetlands located on both the north and south side of Burris Creek. A riparian zone is present only on the northern side of the creek and is within the proposed mitigation area. No other additional buffer impacts are expected.

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 the ESA on all actions that may affect a species listed (or proposed for listing) under the ESA as threatened or endangered or any designated critical habitat. A preliminary determination indicates that the activity will not affect endangered or threatened species, or their critical habitat. Consultation under Section 7 of the ESA is not required.

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 EFH in the project area. The Corps has determined that the proposed action will not adversely affect designated EFH for federally managed fisheries in Washington waters. No further EFH consultation is necessary.

CULTURAL RESOURCES: The Corps has reviewed the latest published version of the National Register of Historic Places, lists of properties determined eligible and other sources of information. There are no recorded historic properties within the permit area. The permit area has been so extensively disturbed by modern development that little likelihood exists for the proposed project to impinge upon an undisturbed historic property. The Corps invites responses to this public notice from Native American Tribes or tribal governments; Federal, State, and local agencies; historical and archeological societies; and other parties likely to have knowledge of or concerns regarding historic properties and sites of religious and cultural significance at or near the project area. After receipt of comments from this public notice, the Corps will evaluate potential impacts and consult with the State Historic Preservation Officer and Native American Tribes in accordance with Section 106 of the National Historic Preservation Act, as appropriate.

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 – CORPS: 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 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.

SOURCE OF FILL MATERIAL: The source of the fill material will likely be from nearby slide areas. Material will be supplied by the Washington State Department of Transportation and will be a clean mix of dirt and rock.

EVALUATION – ECOLOGY: Ecology is soliciting comments from the public; Federal, Native American Nations or tribal governments, State, and local agencies and officials; and other interested parties in order to consider and evaluate the impacts of this activity. Ecology will be considering all comments to determine whether to certify or deny certification for the proposed project.

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. Either conventional mail or e-mail comments must include the permit applicant's name and reference number, as shown below, and the commentator'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.

CORPS COMMENTS: All e-mail comments should be sent to danette.l.guy@usace.army.mil. Conventional mail comments should be sent to: U.S. Army Corps of Engineers, Regulatory Branch, Attention: Danette L. Guy, P.O. Box 3755, Seattle, Washington 98124-3755.

ECOLOGY COMMENTS: Any person desiring to present views on the project pertaining to a request for water quality certification under Section 401 of the CWA and/or Coastal Zone Management consistency concurrence, may do so by submitting written comments to the following address: Washington State Department of Ecology, Attention: SEA program – Federal Permit Coordinator, P.O. Box 47600, Olympia, Washington 98504-7600, or e-mail to ecyrefedpermits@ecy.wa.gov.

To ensure proper consideration of all comments, responders must include the following name and reference number in the text of their comments: Consolidated Diking Improvement District No. 2; NWS-2012-0091

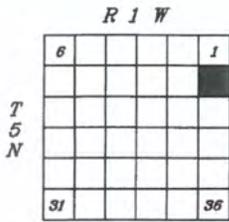
Encl: Figures (9)

WASHINGTON



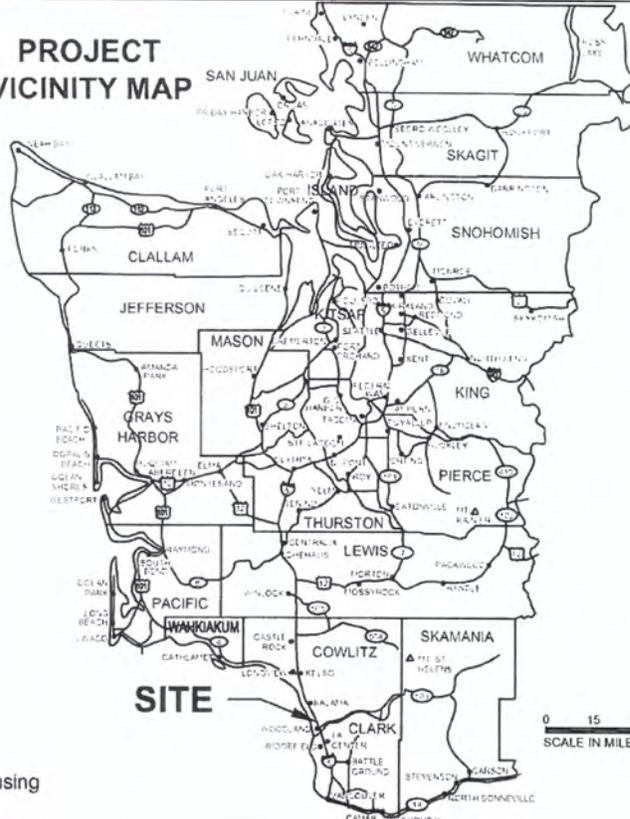
45° 55' 42" N Latitude
122° 45' 18" W Longitude

LOCATION MAP



NOTE:
USGS topographic quadrangle map reproduced using
MAPTECH Inc., Terrain Navigator Pro software.

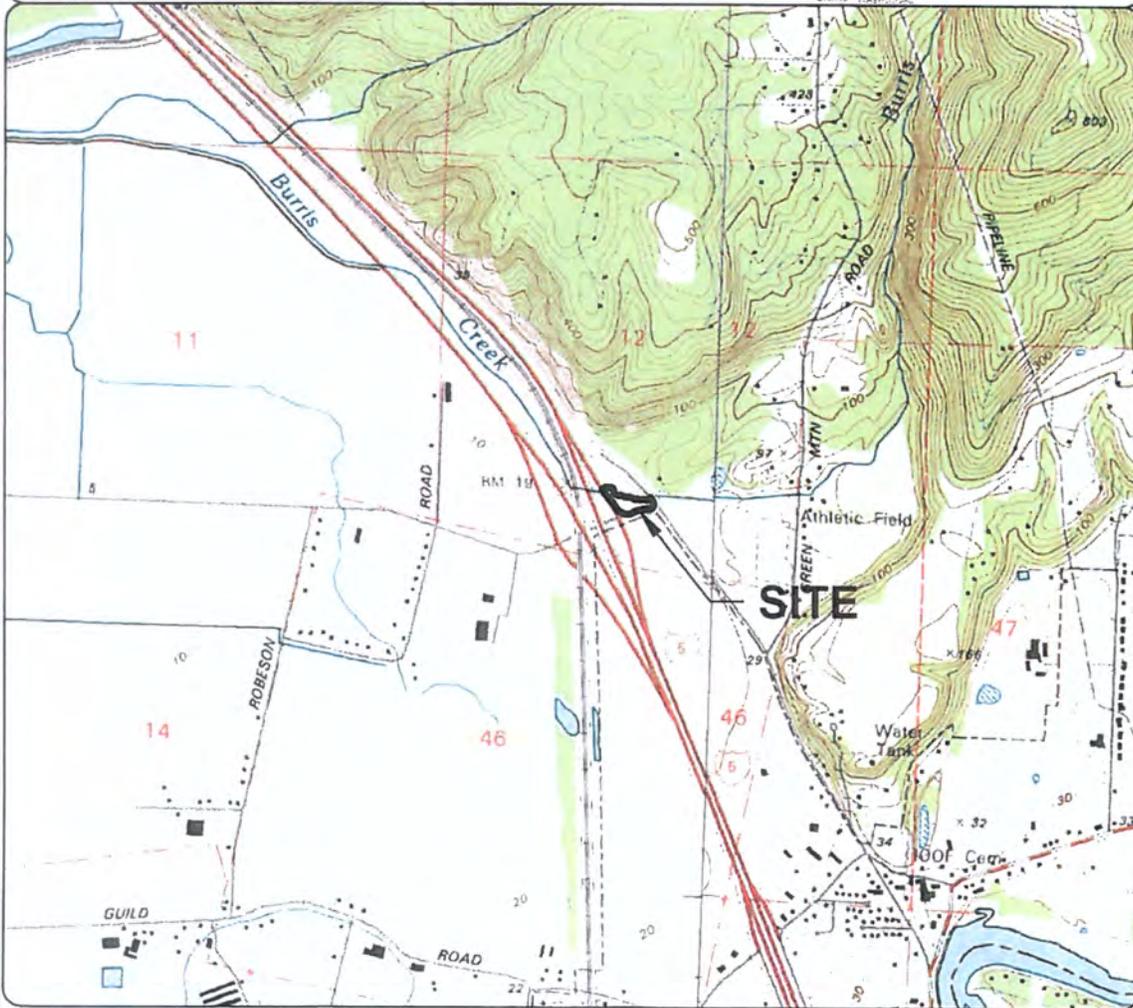
PROJECT VICINITY MAP



VICINITY MAP
Burris Creek
CDID #2

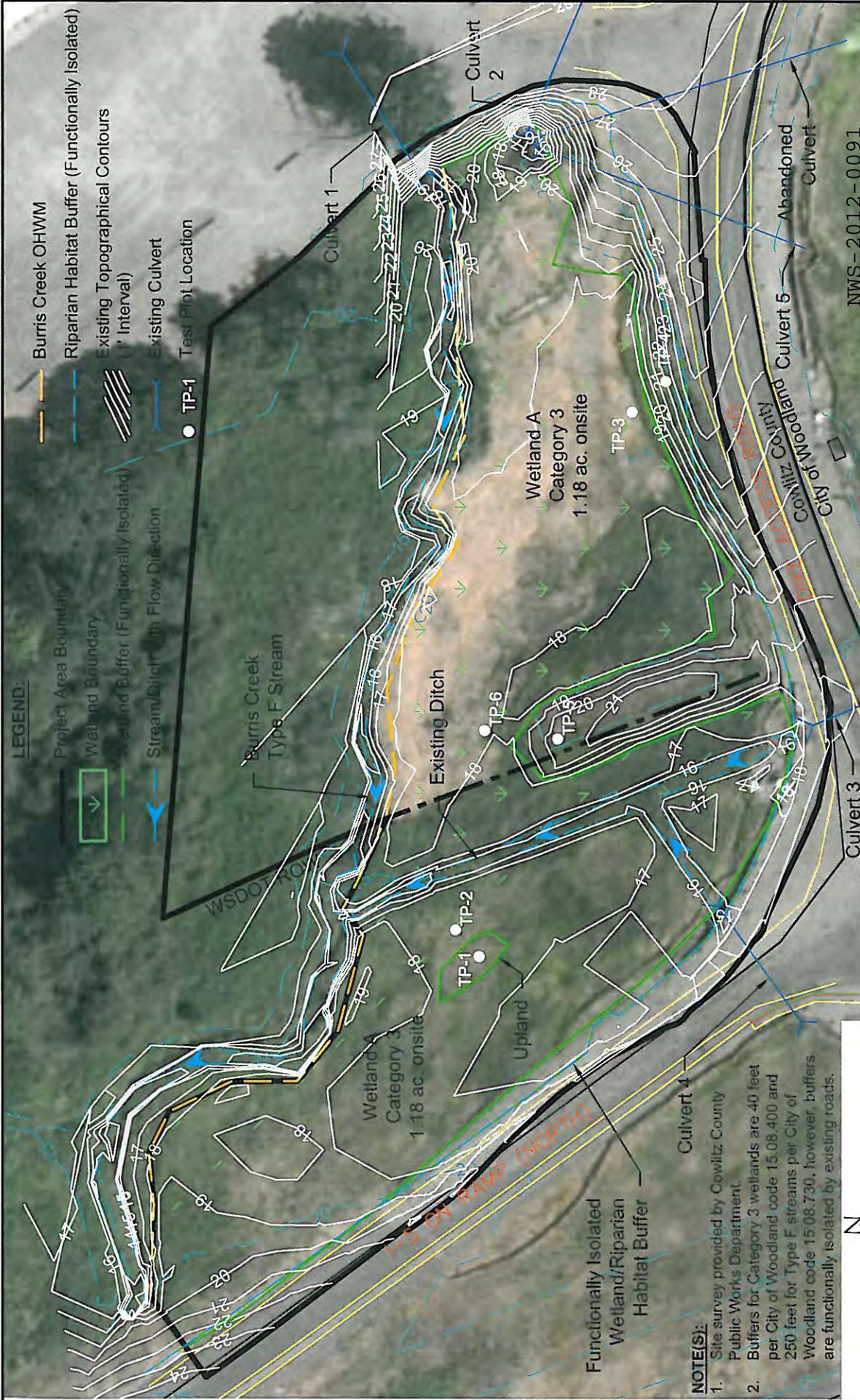
Cowlitz County, Washington
Section 12, Township 5N, Range 1W, W.M.

DWN: JJK
REQ. BY: MLM
PRJ. MGR: MLM
CHK: [blank]
PROJECT NO:
1951.01

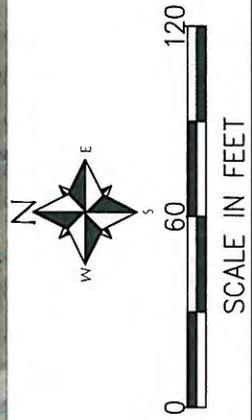


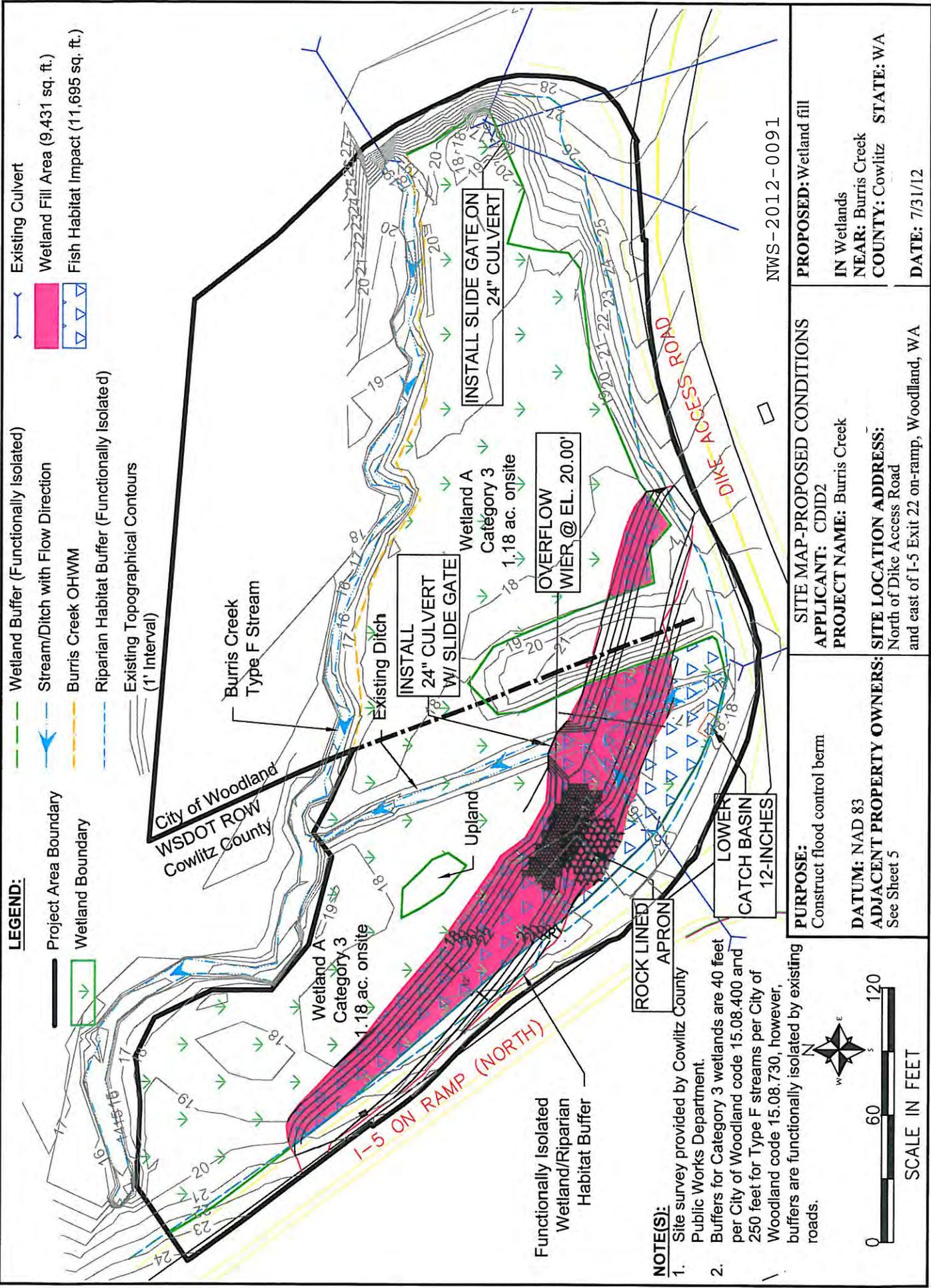
ECOLOGICAL LAND SERVICES, INC.
1157 3rd Ave., Suite 220
Longview, WA 98632
Phone: (360) 578-1371 Fax: (360) 414-9305





<p>EXISTING CONDITIONS SITE MAP APPLICANT: CDID2 PROJECT NAME: Burris Creek</p>	<p>PURPOSE: Construct flood control berm</p> <p>DATUM: NAD 83 ADJACENT PROPERTY OWNERS:</p>	<p>PROPOSED: Wetland fill</p> <p>IN Wetlands NEAR: Burris Creek COUNTY: Cowlitz STATE: WA</p> <p>DATE: 7/31/12</p>
<p>NOTE(S):</p> <ol style="list-style-type: none"> Site survey provided by Cowlitz County Public Works Department. Buffers for Category 3 wetlands are 40 feet per City of Woodland code 15.08.400 and 250 feet for Type F streams per City of Woodland code 15.08.730, however, buffers are functionally isolated by existing roads. 		





LEGEND:

- Project Area Boundary
- Wetland Boundary
- Wetland Buffer (Functionally Isolated)
- Stream/Ditch with Flow Direction
- Burriss Creek OHWM
- Riparian Habitat Buffer (Functionally Isolated)
- Existing Topographical Contours (1' Interval)
- Existing Culvert
- Wetland Fill Area (9,431 sq. ft.)
- Fish Habitat Impact (11,695 sq. ft.)

NOTE(S):

1. Site survey provided by Cowlitz County Public Works Department.
2. Buffers for Category 3 wetlands are 40 feet per City of Woodland code 15.08.400 and 250 feet for Type F streams per City of Woodland code 15.08.730, however, buffers are functionally isolated by existing roads.



PURPOSE:
Construct flood control berm

DATUM: NAD 83

ADJACENT PROPERTY OWNERS:
See Sheet 5

SITE MAP-PROPOSED CONDITIONS

APPLICANT: CDID2

PROJECT NAME: Burriss Creek

SITE LOCATION ADDRESS:
North of Dike Access Road
and east of I-5 Exit 22 on-ramp, Woodland, WA

PROPOSED: Wetland fill

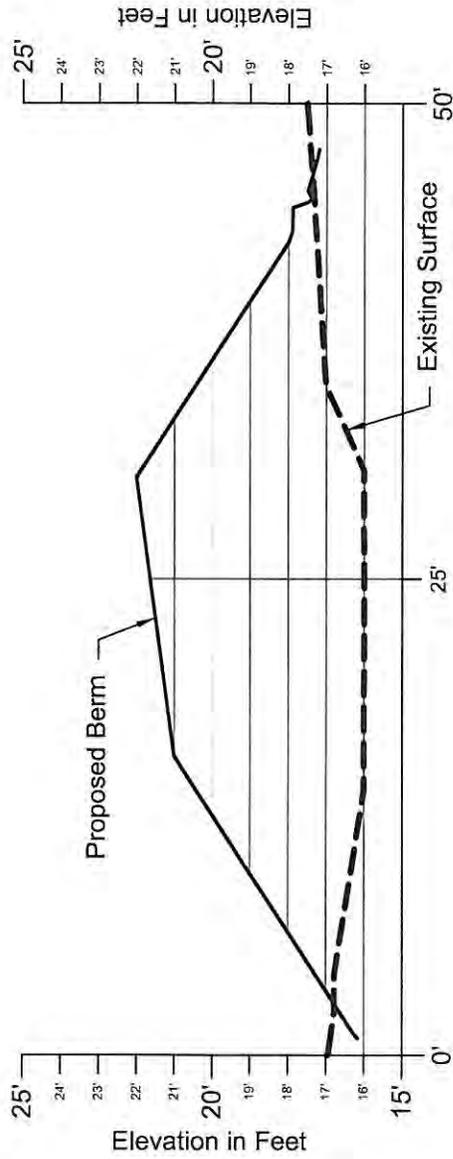
IN Wetlands

NEAR: Burriss Creek

COUNTY: Cowlitz **STATE:** WA

DATE: 7/31/12

NWS-2012-0091



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NWS-2012-0091

0 10 20
 HORIZONTAL SCALE IN FEET
 VERTICAL EXAGGERATION = 2X

PURPOSE:
 Construct flood control berm

APPLICANT: CDID2
PROJECT NAME: Burris Creek

CROSS SECTION B-B'

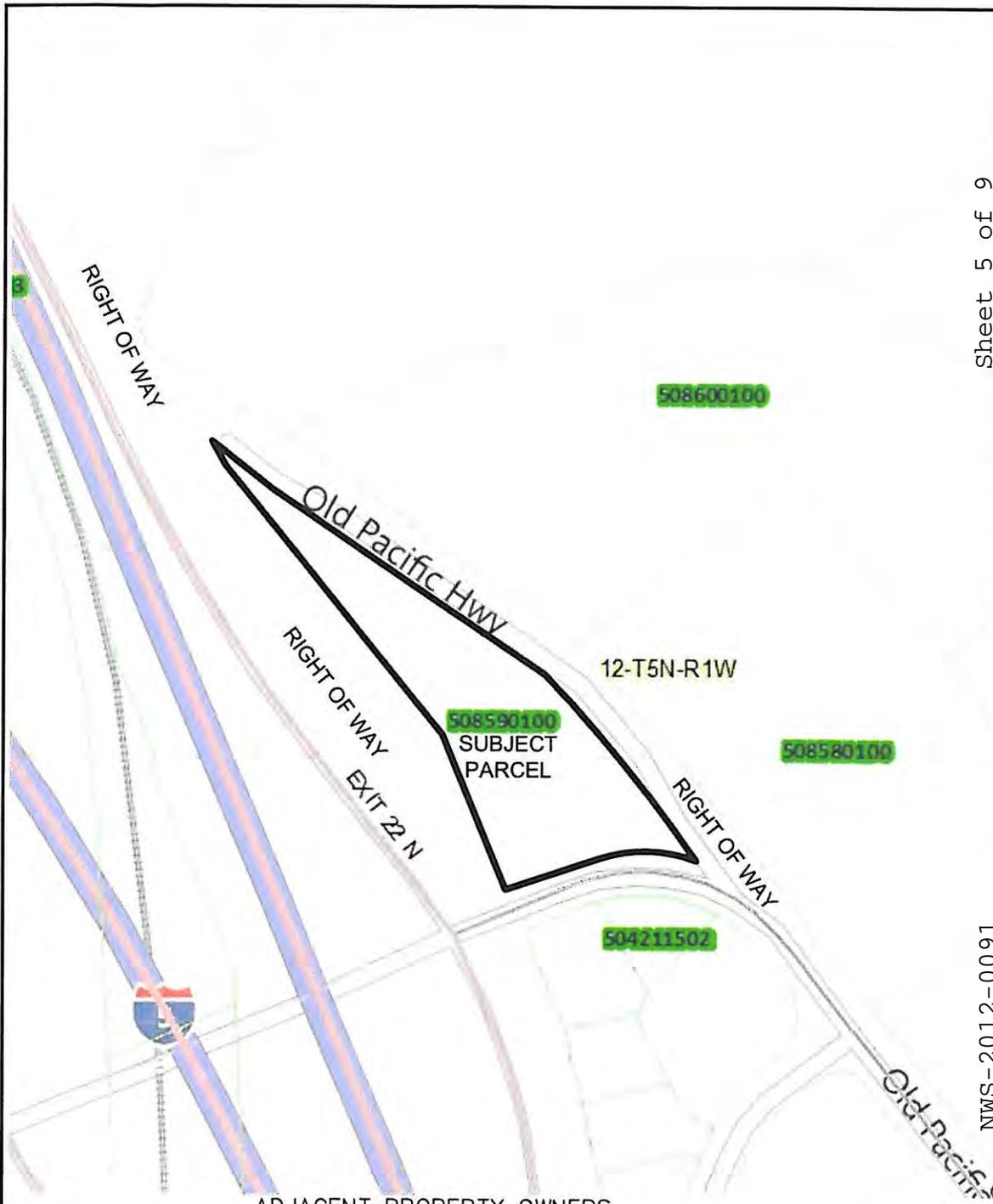
PROPOSED: Wetland fill

ECOLOGICAL LAND SERVICES, INC.
 1157 3rd Avenue, Suite 220
 Longview, WA 98632

DATUM: NAD 83
ADJACENT PROPERTY OWNERS:
 See Sheet 5

SITE LOCATION ADDRESS:
 North of Dike Access Road
 and east of I-5 Exit 22 on-ramp, Woodland, WA

IN Wetlands
NEAR: Burris Creek
COUNTY: Cowlitz **STATE:** WA
DATE: 7/31/12



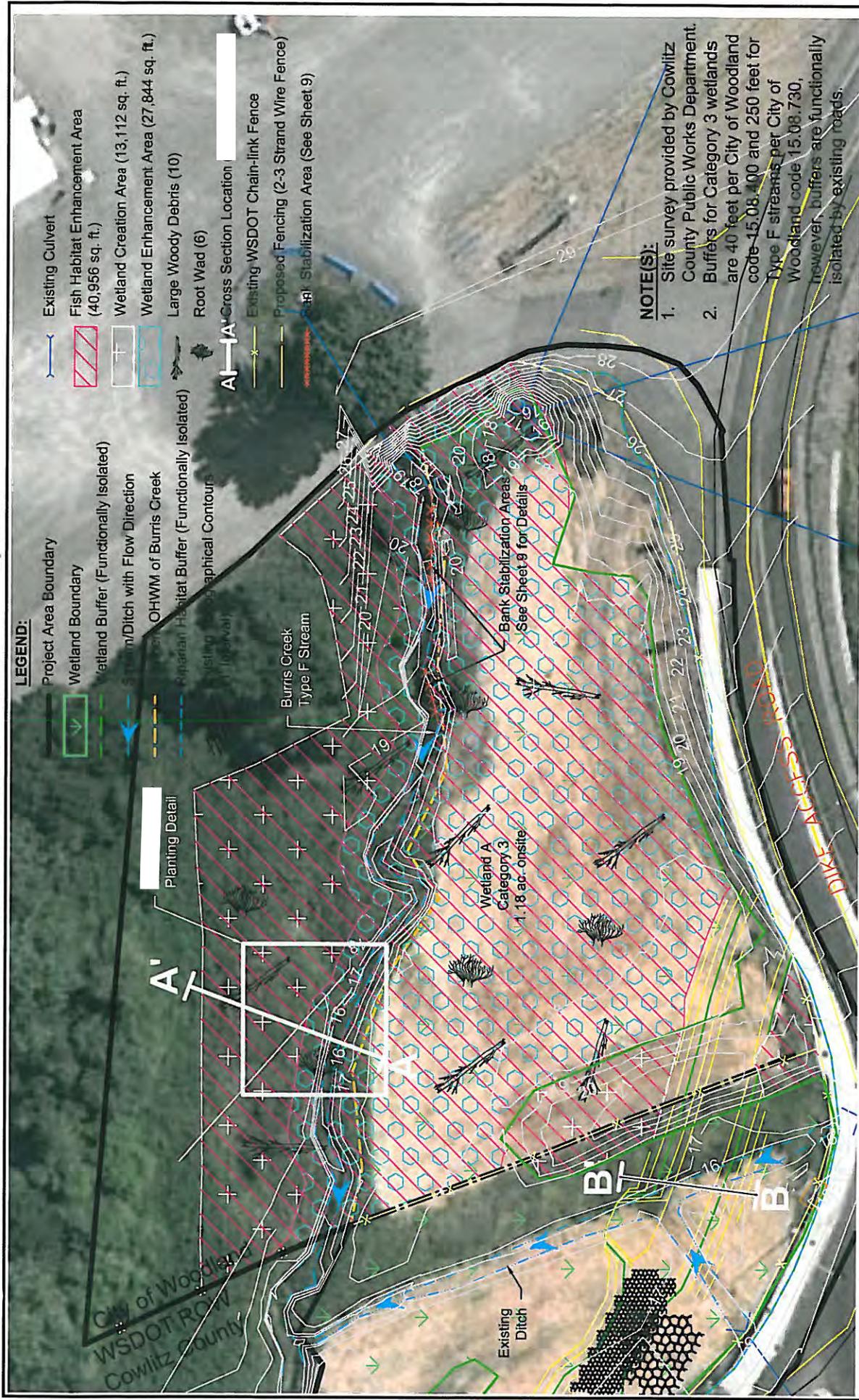
Sheet 5 of 9

NWS-2012-0091

PURPOSE: Construct flood control berm DATUM: N/A ADJACENT PROPERTY OWNERS: See This Sheet	ADJACENT PROPERTY OWNERS APPLICANT: CDID2 PROJECT NAME: Burriss Creek SITE LOCATION ADDRESS: North of Dike Access Road and east of I-5 Exit 22 on-ramp, Woodland, WA	PROPOSED: Wetland fill IN Wetlands NEAR: Burriss Creek COUNTY: Cowlitz STATE: WA DATE: 7/31/12
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ADJACENT PROPERTY OWNERS

EAST:	508600100 DAVID L & MICHELLE RUTAN PO BOX 713 LA CENTER, WA 98629	508580100 RICHARD M & DARLENE G PARNELL TRUST 1708 NE 259TH STREET RIDGEFIELD, WA 98642
SOUTH:	504211502 CHAUDHRY EJAZ ETAL 15002 NW 15TH AVENUE VANCOUVER, WA 98685	



LEGEND:

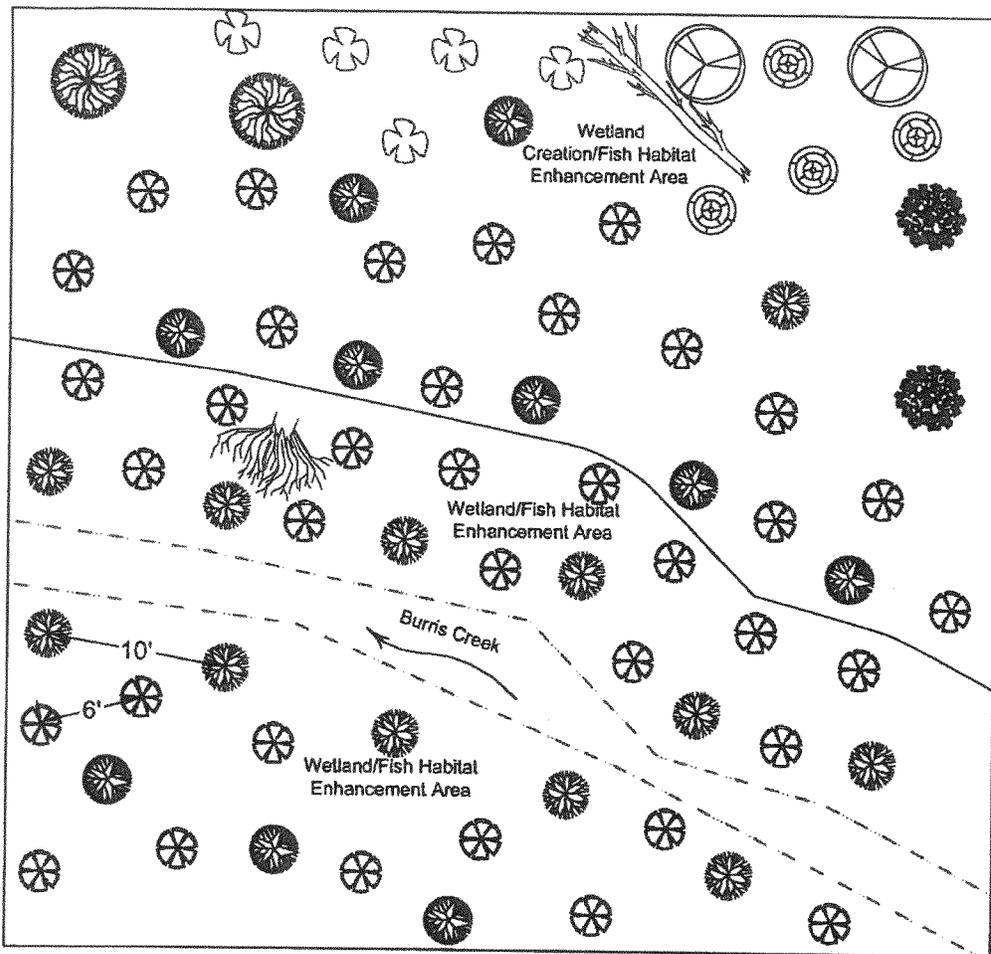
- Project Area Boundary
- Wetland Boundary
- Wetland Buffer (Functionally Isolated)
- Stream/Ditch with Flow Direction
- OHWM of Burris Creek
- Minarian Habitat Buffer (Functionally Isolated)
- Existing Topographical Contours
- Existing Wetland
- Existing Culvert
- Fish Habitat Enhancement Area (40,956 sq. ft.)
- Wetland Creation Area (13,112 sq. ft.)
- Wetland Enhancement Area (27,844 sq. ft.)
- Large Woody Debris (10)
- Root Wad (6)
- AI-A' Cross Section Location
- Existing WSDOT Chain-link Fence
- Proposed Fencing (2-3 Strand Wire Fence)
- Bank Stabilization Area (See Sheet 9)

NOTE(S):

1. Site survey provided by Cowlitz County Public Works Department.
2. Buffers for Category 3 wetlands are 40 feet per City of Woodland code 15.08.400 and 250 feet for Type F streams per City of Woodland code 15.08.730, however, buffers are functionally isolated by existing roads.

<p>PURPOSE: Construct flood control berm</p> <p>DATUM: NAD 83</p> <p>ADJACENT PROPERTY OWNERS: See Sheet 5</p>	<p>MITIGATION SITE MAP</p> <p>APPLICANT: CDID2</p> <p>PROJECT NAME: Burris Creek</p> <p>SITE LOCATION ADDRESS: North of Dike Access Road and east of I-5 Exit 22 on-ramp, Woodland, WA</p>	<p>PROPOSED: Wetland fill</p> <p>IN Wetlands</p> <p>NEAR: Burris Creek</p> <p>COUNTY: Cowlitz STATE: WA</p> <p>DATE: 7/31/12</p>
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NWS-2012-0091 Date 7/31/2012 Sheet 7 of 9

PROPOSED: Wetland fill
IN Wetlands
NEAR: Burris Creek
COUNTY: Cowlitz **STATE:** WA

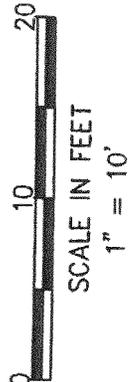
PLANTING PLAN
APPLICANT: CDID2
PROJECT NAME: Burris Creek
SITE LOCATION ADDRESS:
 North of Dike Access Road
 and east of I-5 Exit 22 on-ramp, Woodland, WA

Table 3. Plant specifications for the mitigation areas.

Species	Spacing (feet)	Minimum Size	Quantity
TREE STRATUM			
Oregon ash (<i>Fraxinus latifolia</i> , FACW)	10	18-36 inch bareroot	30
Western red cedar (<i>Thuja plicata</i> , FAC)	10	18-36 inch bareroot	30
Red alder (<i>Alnus rubra</i> , FAC)	10	18-36 inch bareroot	30
		TOTAL TREES	90
SHRUB STRATUM			
Red-osier dogwood (<i>Cornus sericea</i> , FACW)	6	18-36 inch bareroot	160
Pacific ninebark (<i>Physocarpus capitatus</i> , FACW)	6	18-36 inch bareroot	160
Scoulers willow (<i>Salix scouleriana</i> , FAC)	10	24-36 inch cutting	120
Pacific willow (<i>Salix lucida</i> , FACW+)	10	24-36 inch cutting	120
Spirea (<i>Spirea douglasii</i> , FACW)	6	18-36 inch bareroot	90
		TOTAL SHRUBS	650
WITHIN 20 FEET OF BURRIS CREEK			
Scoulers willow (<i>Salix scouleriana</i> , FAC)	10	24-36 inch cutting	40
Pacific willow (<i>Salix lucida</i> , FACW+)	10	24-36 inch cutting	40
Spirea (<i>Spirea douglasii</i> , FACW)	10	18-36 inch bareroot	75
		TOTAL	155

PURPOSE:
 Construct flood control berm

DATUM: NAD 83
ADJACENT PROPERTY OWNERS:
 See Sheet 5



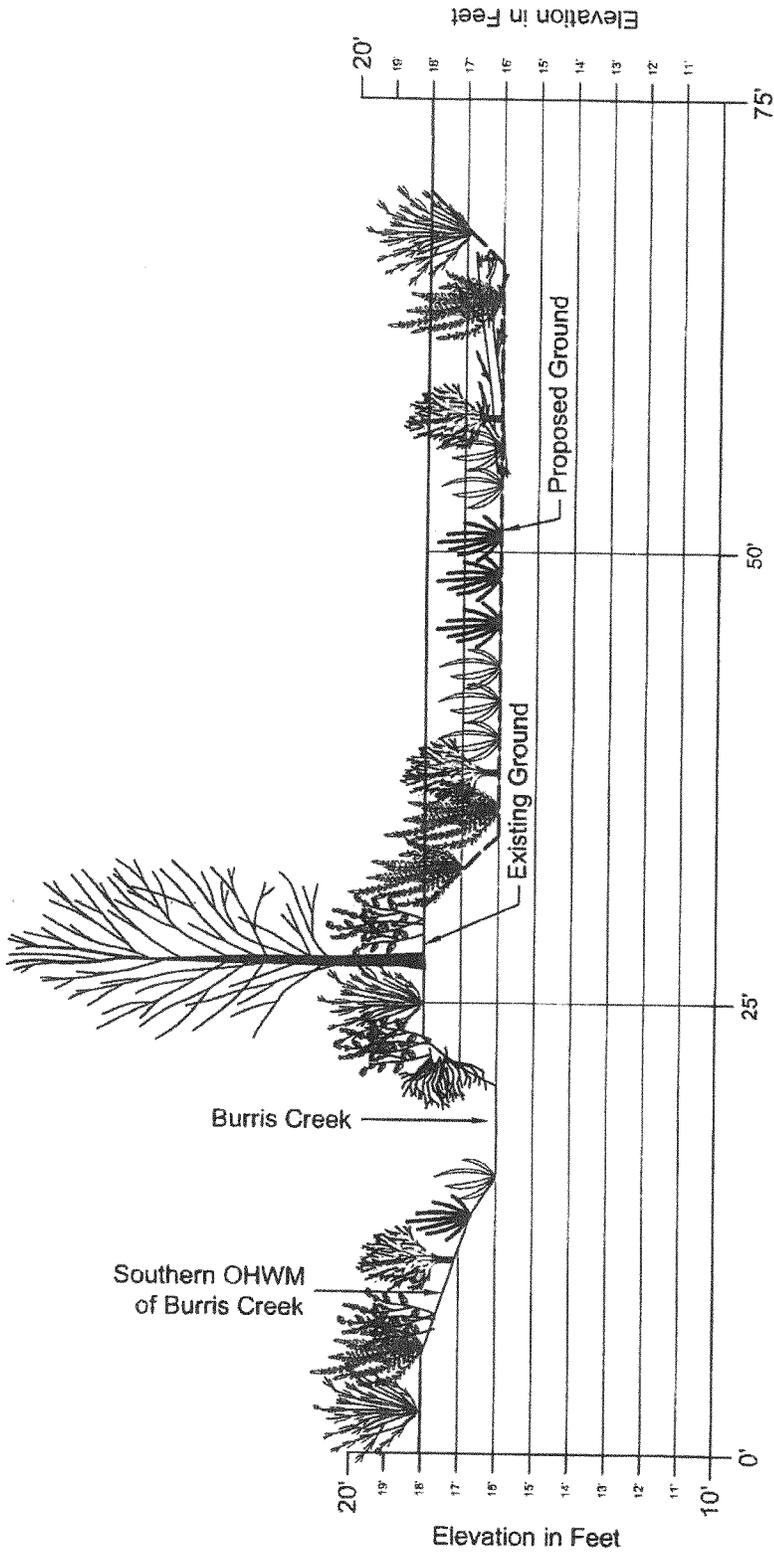
A

Wetland/Fish Habitat Enhancement Area

Fish Habitat Enhancement Area

Wetland Creation Area

A'



NWS-2012-0091

Date 7/31/2012

NOTE(S):

- Using a bulldozer, backhoe, or excavator, remove the existing vegetation and excavate the wetland creation area to a total depth of 2.25 to 3 feet. Remove and stockpile approximately 8 to 12 inches of topsoil, to be reapplied over the excavated area after the elevation has been lowered, to achieve a final elevation 1.5 to 2 feet below the existing ground level.

PURPOSE:

Construct flood control berm

CROSS SECTION A-A'

APPLICANT: CDID2

PROJECT NAME: Burris Creek

SITE LOCATION ADDRESS:

North of Dike Access Road

and east of I-5 Exit 22 on-ramp, Woodland, WA

PROPOSED: Wetland fill

IN Wetlands

NEAR: Burris Creek

COUNTY: Cowlitz STATE: WA



HORIZONTAL SCALE IN FEET

VERTICAL EXAGGERATION = 2X

ECOLOGICAL LAND SERVICES, INC.

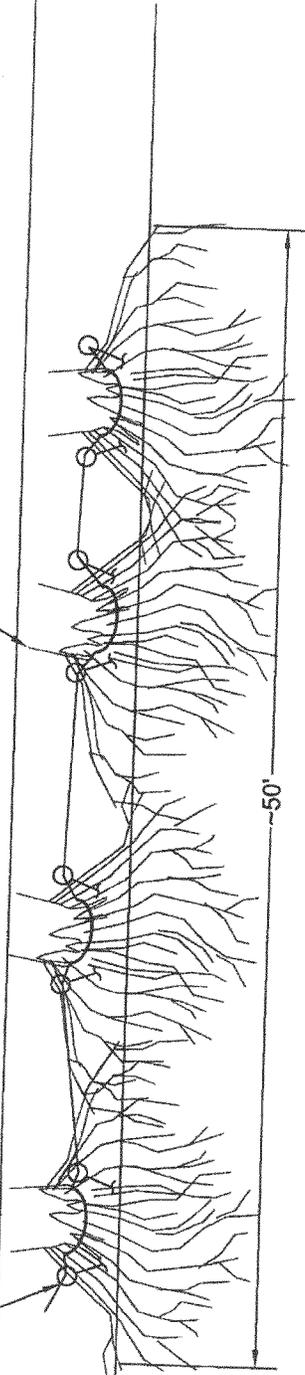
1157 3rd Avenue, Suite 220
Longview, WA 98632

Root Wads Anchored to Bank Using Galvanized Steel Cable Secured with Earth Anchors

Approximately Four (4) Root Wads Anchored to Stream Bank

Top of Bank

OHWM



Burris Creek

NWS-2012-0091

Date 7/31/2012

Sheet 9 of 9

PURPOSE:
Construct flood control berm

DATUM: NAD 83
ADJACENT PROPERTY OWNERS:
See Sheet 5

BANK STABILIZATION DETAIL

APPLICANT: CDID2

PROJECT NAME: Burris Creek

SITE LOCATION ADDRESS:
North of Dike Access Road
and east of I-5 Exit 22 on-ramp, Woodland, WA

PROPOSED: Wetland fill

IN Wetlands

NEAR: Burris Creek

COUNTY: Cowlitz **STATE:** WA