City of Bandon
Local Wetlands Inventory



Prepared for
City of Bandon, Oregon

Prepared by
Pacific Habitat Services, Inc.
Wilsonville, Oregon

March 2003

APPROVED WETLANDS INVENTORY
Oregon Department of State Lands

Meets LWI standards
Date 4/05 Approved by J. Morlan

City of Bandon
Local Wetlands Inventory

Prepared for

City of Bandon
P.O. Box 67
555 Highway 101
Bandon, Oregon 97411

Prepared by

John van Staveren
Patricia Farrell
Shawn Eisner
Michele Eccleston
Fred Small
Pacific Habitat Services, Inc.
9450 SW Commerce Circle, Suite 180
Wilsonville, Oregon 97070
(503) 570-0800
(503) 570-0855 FAX
PHS Project Number: 2395

March 2003

TABLE OF CONTENTS

Page

1.0 INTRODUCTION **1**

2.0 DEFINITIONS **2**

3.0 PROJECT METHODOLOGY **6**

3.1 Public Involvement 6
3.2 Local Wetlands Inventory Methodology 7
3.2.1 Routine Off-site Determination 7
3.2.2 Routine On-site Determination 7
3.3 Wetland Quality Assessment 7
3.3.1 The *Oregon Freshwater Wetland Assessment Methodology* 7
3.3.2 Wetlands of Special Interest for Protection 9
3.3.3 Field Methodology 9
3.3.4 Office Assessment 9

4.0 CARTOGRAPHY **11**

5.0 STAFF QUALIFICATIONS **11**

6.0 STUDY AREA CHARACTERISTICS **14**

6.1 Setting 14
6.2 Topography 14
6.3 Hydrology 14
6.3.1 Hydrologic Features of the Bandon Study Area 14
6.3.2 Watershed Designation 15
6.3.3 Hydrologic Indicators 16
6.4 Soils 16
6.5 Vegetation 17
6.5.1 Overview 17
6.5.2 Vegetation Communities 17
6.5.3 Wetland and Upland Indicator Species 19

7.0 LWI DISCUSSION AND CONCLUSIONS **19**

7.1 U.S. Fish & Wildlife Service National Wetland Inventory 19
7.2 Local Wetland Inventory Results 20
7.2.1 Wetland Acreage and Distribution 20
7.2.2 Wetland Classification 20
7.3 *Oregon Freshwater Wetland Assessment Methodology* Results 22
7.3.1 Wetlands of Special Interest for Protection 22
7.3.2 Wetland Quality Assessment 22

TABLE OF CONTENTS (continued)

Page

8.0 SIGNIFICANT WETLANDS DETERMINATION 26

8.1 Locally Significant Wetlands Criteria 26
8.2 Applying Significant Wetland Criteria to the LWI Study Area 27
8.3 Potential Mitigation Sites 28

9.0 PROJECT SUMMARY 28

10.0 REFERENCES 29

APPENDIX A: Figures
APPENDIX B: Wetland Characterization Sheets
APPENDIX C: Wetland Determination Data Forms
APPENDIX D: OFWAM Data and Results
APPENDIX E: Significant Wetland Determination Sheets
APPENDIX F: Plant List
APPENDIX G: OFWAM Wetland Characterizations Field Forms

TABLES

Page

Table 1. Extent of Drainages in the Bandon LWI Study Area 15

Table 2. Watersheds and Acreages for the Bandon LWI 15

Table 3. Soils Units and their Hydric Soils Status for the Bandon LWI 16

Table 4 Wetland Indicator Codes and Status 19

Table 5 Wetland Areas within Each of the Watersheds for the Bandon LWI 20

Table 6. Wetland Classifications found within the Bandon LWI 20

Table 7. Cowardin Classification of all Wetlands Identified in the Bandon LWI 21

Table 8. Key to the Oregon Freshwater Wetland Assessment Methodology Numerical Ranking 23

Table 9. Oregon Freshwater Wetland Assessment Methodology Numerical Ranking Results for the Bandon LWI 24

Table 10. Criteria for Determining Goal 5 Locally Significant Wetlands 27

→ Table 11. Locally Significant Wetlands in the Bandon LWI 28

LIST OF FIGURES

Figure 1. USGS Map, Location of Study Area for Bandon LWI

Figure 2. Soils Map for Bandon LWI

Figure 3 National Wetland Inventory Map for Bandon LWI

Figures 4A-4C Local Wetland Inventory Maps

1.0 INTRODUCTION

The City of Bandon (City), through a Oregon Division of State Lands (DSL) program, hired Pacific Habitat Services, Inc. (PHS) to conduct a Local Wetlands Inventory (LWI) for 2,794-acres within the City's Urban Growth Boundary. The study area is in Coos County (Township 28 South, Range 14 West, Sections 19, 30 and 31; Range 15 West, Sections 25 and 36; Township 29 South, Range 14 West, Section 6; and Range 15 West, Sections 1 and 12). The study area includes portions of Simpson Creek, Ferry Creek, Gross Creek, Tupper Creek, Johnson Creek and the Coquille River. Figure 1 illustrates the location of the study area. Figures are in Appendix A.

The goal of the study is to address the requirements of Statewide Planning Goal 5 (Natural Resources, Scenic and Historic Areas, and Open Spaces), and Oregon Administrative Rule (OAR) Section 660, Division 23. The objective of Goal 5 is to "protect natural resources and conserve scenic, historic and open space resources for present and future generations." Specifically, the City hired PHS to determine the location and extent of wetlands; assess the quality of the wetlands; and determine which of these wetlands are significant according to the requirements of Goal 5. A Riparian Inventory and Assessment was also funded under the same grant and is submitted as a separate report.

This report begins by discussing the definitions used in the report and inventory (Section 2), followed by the methodology used to conduct the field work for the LWI, the wetland assessment methodology, and the methodology used to produce the maps for the inventory (Section 3). Cartography for the project is outlined in Section 4; Section 5 outlines staff qualifications of individuals at PHS who worked on the project; Section 6 discusses the study area characteristics, such as the climate, topography, soils and vegetation; Section 7 discusses the Local Wetlands Inventory results, including wetland distribution, acreage, and Cowardin classification, as well as the results of the *Oregon Freshwater Wetland Assessment Methodology*; Section 8 discusses the determination of significant wetlands according to Goal 5; Section 9 provides a project summary; Section 10 includes references.

There are seven appendices to the report. Appendix A contains the Figures. Appendix B contains the wetland characterization sheets for each wetland, organized by wetland code. The characterization sheets note wetland location, tax lots, acreage, Cowardin classification, soil series, wetland vegetation, adjacent upland vegetation, and other notes related to adjacent wetlands or hydrology. This form was completed for each wetland unit, regardless of whether it was an on-site or off-site determination.

Appendix C contains the wetland determination data forms. These forms document the sample points taken for the on-site wetlands. Hydrology, soils, and dominant vegetation are recorded for each sample point in order to determine whether it is wetland or upland.

Appendix D is the *Oregon Freshwater Wetland Assessment Methodology* data and summary for each wetland unit. Each wetland's functions and conditions are assessed according to an established state methodology. The results and rationale are also summarized for each wetland unit. In addition, a determination of significance for each wetland unit is included in Appendix E.

Appendix F contains a non-comprehensive listing of plant species encountered or expected within the project area. The OFWAM Wetland Characterization Field Forms are in Appendix G.

2.0 DEFINITIONS

These terms helped define the methodology used for the City of Bandon Local Wetlands Inventory and may be referred to in this report.

1987 Manual

The Corps of Engineers Wetlands Delineation Manual, Technical Report Y-87-1. (Environmental Laboratory 1987)

This manual is used by the Corps and DSL to document the location of wetlands within the State of Oregon. The 1987 manual provides technical criteria, field indicators, and recommended procedures to be used in determining whether an area is a jurisdictional wetland. Undisturbed areas require three criteria for them to be classified as wetland. These criteria are hydric soils, a dominance of hydrophytic vegetation, and wetland hydrology.

Cowardin Wetland Classification

The classification of wetlands as defined by plants, soils and the frequency of flooding is described in "Classification of wetlands and deepwater habitats of the United States." (Cowardin, et. al. 1979) See Palustrine System.

Goal 5

Goal 5 (OAR 660, Division 23) is intended "to protect natural resources, and conserve scenic and historic areas and open spaces." (DLCD, 1995)

Growing Season

"The portion of the year when soil temperatures at 19.7 inches below the soil surface are higher than biological zero (41° Fahrenheit, 5° Celsius)." (COE, 1987)

The growing season for any given site or location is determined from Natural Resource Conservation Service (NRCS, formerly the U.S. Soil Conservation Service SCS) data and information. The length of the season can be approximated from frost-free days, based on air temperature.

Hydric Soils

"Soils which are ponded, flooded, or saturated for long enough during the growing season to develop anaerobic conditions." (USDA, SCS, 1985)

Periodic saturation of soils causes alternation of reduced and oxidized conditions, which leads to the formation of redoximorphic features (gleying and mottling). Mineral hydric soils will be either gleyed or will have bright mottles and/or low matrix chroma. The redoximorphic feature known as gley is a result of greatly reduced soil conditions, which result in a characteristic grayish, bluish or greenish soil color. The term mottling is used to describe areas of contrasting color within a soil matrix. The soil matrix is the portion of the soil layer that has the predominant color. Soils that have brightly colored mottles and a low matrix chroma are indicative of a fluctuating water table.

Hydric soil indicators include: organic content of greater than 50% by volume, sulfidic material or "rotten egg" smell, and/or presence of redoximorphic features and dark soil matrix, as determined by the use of a Munsell Soil Color Chart. This chart establishes the chroma, value and hue of soils based on comparison with color chips. Mineral hydric soils usually have a matrix chroma of 2 or less in mottled soils, or a matrix chroma of 1 or less in unmottled soils.

Hydrogeomorphic (HGM) Wetland Classification

A method of assessing wetlands using the physical, chemical, and biological functions of wetlands. It is based on the relationship of geomorphic setting, water source, and hydrodynamics. (Brinson, 1993)

Hydrophytic Vegetation

"Plant life growing in water or on a substrate that is at least periodically deficient in oxygen as a result of excessive water content." (National Resource Council, 1995)

The U.S. Fish and Wildlife Service, in the *National List of Plant Species that Occur in Wetlands*, has established five basic groups of vegetation based on their frequency of occurrence in wetlands. These categories, referred to as the "wetland indicator status," are as follows: obligate wetland plants (OBL), facultative wetland (FACW), facultative (FAC), facultative upland (FACU), and obligate upland (UPL).

Local Wetlands Inventory (LWI)

An inventory of all wetlands greater than 0.5 acres in size within a local jurisdiction using the standards and procedures of OAR 141-86-110 through 141-86-240.

In 1989, the Oregon State legislature authorized DSL to develop a statewide wetlands inventory for planning and regulatory purposes. Accordingly, DSL established Local Wetlands Inventory (LWI) standards and guidelines under ORS 196.674. An approved LWI replaces the National Wetlands Inventory maps and is incorporated into the statewide wetlands inventory.

An LWI is conducted using color or color infrared aerial photographs taken within 5 years of the inventory initiation and at a minimum scale of 1 inch = 400 feet (1" = 400'). Wetlands are located using the on-site option where access to property is allowed, or off-site where access is denied. Wetlands can be mapped off-site by using information such as topographic and National Wetlands Inventory maps, aerial photographs, and soils surveys.

The approximate location of wetlands is placed on a parcel-based map. The parcel-based map allows the property owner, the local jurisdiction, and DSL, to know which tax lots may contain wetlands.

The maps and documents produced for the LWI are intended for planning purposes only. Mapped wetland boundaries are accurate to within 25 feet; however, there may be unmapped wetlands that are subject to regulation. In all cases, actual field conditions determine wetland boundaries.

Palustrine System (P--)

"All nontidal wetlands dominated by trees, shrubs, persistent emergents, emergent mosses or lichens and all such wetlands that occur in tidal areas where salinity is less than 0.5%. This includes areas traditionally called swamps, marshes, fens, as well as shallow, permanent or intermittent water bodies called ponds." (Cowardin et. al. 1979)

- **Emergent Wetland (PEM)**

These wetlands have rooted herbaceous vegetation, which stand erect above the water or ground surface.

- **Scrub-shrub Wetland (PSS)**

Wetlands dominated by shrubs and tree saplings that are less than 20 feet high.

- **Forested Wetland (PFO)**

Wetlands dominated by trees that are greater than 20 feet high.

- **Open Water, excavated (POWx)**

A wetland class consisting of areas of water less than 6.6 feet deep that lies within a basin or channel excavated by man.

Water Resource

"An intermittent or perennial stream, pond, river, lake and including their adjacent wetlands." (DSL, 1998)

Waters of the State

Natural waterways including all tidal and nontidal bays, intermittent streams, constantly flowing streams, lakes, wetlands and other bodies of water in this state, navigable and nonnavigable. Natural waterways are defined as: waterways created naturally by geological and hydrological processes, and waterways that would be natural but for human-caused disturbances (e.g. channelized or culverted streams, impounded waters, partially drained wetlands or ponds created in wetlands). (ORS 196.800-196.990, 1995)

Wetland

"Those areas that are inundated or saturated by surface or ground water at a frequency and duration sufficient to support, and that under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soil conditions. Wetlands generally include swamps, marshes, bogs, and similar areas." (Federal Register 1982).

Wetland Assessment

Determining the relative quality of a wetland by assessing its functions and conditions. The methodology generally used to determine the relative quality of wetlands for purposes of an LWI is the Oregon Freshwater Wetland Assessment Methodology. (Roth, et. al. 1996)

Wetland Classification

The classification of wetlands as defined by plants, soils and the frequency of flooding is described in "Classification of wetlands and deepwater habitats of the United States." (Cowardin, et. al. 1979) See Palustrine System.

Wetland Condition

"The integrity of a wetland's physical and biological structure. This determines the ability of the wetland to perform specific functions, as well as its resilience and enhancement opportunities." (Roth et al., 1996)

Wetland Function

"A characteristic action or behavior associated with a wetland that contributes to a larger ecological condition such as wildlife habitat, water quality and/or flood control." (Roth, et. al. 1996)

Wetland Hydrology

"Permanent or periodic inundation or prolonged soil saturation sufficient to create anaerobic conditions in the upper soil profile." (COE, 1987)

Wetlands Regulation

Wetlands in Oregon are regulated by the Division of State Lands (DSL) under the Removal-Fill Law (ORS 196.800-196.990) and by the U.S. Army Corps of Engineers (Corps) through Section 404 of the Clean Water Act.

3.0 PROJECT METHODOLOGY

3.1 Public Involvement

Prior to beginning the inventory, the City of Bandon mailed letters to landowners who had areas of mapped hydric soils, soils with hydric inclusions, National Wetlands Inventory mapped wetlands, or suspected wetland areas on their property. The letter was a notice requesting permission for site access.

Landowners were requested to either grant site access, deny site access, or grant access by appointment. A parcel-based map of the Urban Growth Boundary of Bandon was prepared showing those parcels where access was approved, denied or an appointment was requested. These property boundaries were transferred to an aerial photo base map by PHS staff for use during the inventory.

A public meeting was held on September 25, 2001, to introduce the project to the residents of Bandon. This meeting was held prior to the date required for return of the access request letters to answer any questions affected landowners may have had for representatives of the City, PHS, or DSL.

A second public meeting was held on February 5, 2003, to present the draft results of the wetland inventory to the residents of Bandon.

Landowners were requested to mark a box on the access notice, either granting site access, denying site access, or granting access by appointment. If there was no response, individual landowners may have been contacted directly either by the City or PHS.

3.2 Local Wetlands Inventory Methodology

3.2.1 Routine Off-site Determination

Prior to beginning field work, off-site mapping was conducted to determine the approximate location of wetland boundaries based on available information. This information included the USGS topographic quadrangles, the Soil Survey for the Coos County, Oregon, the National Wetlands Inventory maps, the South Bandon Refinement Plan, the Storm Drain Master Plan, and September 2000 color aerial photographs at a scale of 1 inch = 400 feet

If access to land was allowed, the wetland boundaries were verified in the field (see Section 3.2.2). If access was not granted or the site was not accessible, the boundaries were based on the mapping conducted in the office, and on observation of wetland boundaries from adjacent roads or properties.

In addition, off-site potential wetlands less than 0.5 acres in size were marked on the map and coded with a "PW" for potential wetland. Ponds and streams were also marked on the map as other potentially jurisdictional waters.

3.2.2 Routine On-site Determination

Where property access permission had been granted and the site was physically accessible (i.e. not overrun with gorse), on-site observation and inspection of soils, vegetation, and hydrology were made using the Routine On-site method of the 1987 manual. Soil pits were excavated up to a depth of approximately 18-inches in selected locations. The soil profiles were examined for hydric soils and wetland hydrology field indicators. A visual percent-cover estimate of the dominant species of the plant community for a maximum 30-foot radius was conducted at each sampling location. Sampling locations were chosen to document a change in the wetland boundary and a particular plant community visible on an aerial photograph. Data was recorded in the field and transferred to computer-generated wetland delineation data sheets in the office.

Field work for the inventory was conducted between October 2001 and October 2002. No wetland boundaries were staked or flagged in the field.

3.3 Wetland Quality Assessment

3.3.1 The *Oregon Freshwater Wetland Assessment Methodology*

The quality of wetlands in the study area was assessed using the *Oregon Freshwater Wetland, Assessment Methodology* (OFWAM) (Roth et al. 1996). OFWAM was developed by an interagency committee to assess the relative quality of wetlands primarily for planning and educational purposes. Copies of the methodology are available from DSL for a fee. OFWAM does not assign a numeric ranking to the wetlands, but does determine the relative quality of six functions and three conditions for each of the wetlands. A description of each of the functions and conditions is included below.

Wetland Functions

Wildlife habitat: Evaluates the habitat diversity for species usually associated with wetlands, without emphasizing one particular species. Wetlands assessed by OFWAM can provide diverse habitat for wildlife, habitat for some wildlife species, or does not provide habitat.

Fish habitat: Evaluates how a wetland contributes to fish habitat in streams, ponds or lakes associated with a wetland. The questions are suitable for both warmwater and coldwater fish and no particular species is emphasized. Wetlands assessed by OFWAM can have fish habitat function intact, impacted or degraded, or lost or not present.

Water Quality: Evaluates the potential of a wetland to reduce the impacts of excess nutrients in storm water runoff on downstream waters. A wetland's water quality function can be assessed by OFWAM as intact, impacted or degraded, or lost or not present.

Hydrologic control: Evaluates the effectiveness of a wetland to reduce downstream flood peaks and store floodwaters. A wetland's hydrologic control functions can be assessed by OFWAM as intact, impacted or degraded, or lost or not present.

Education: Evaluates the suitability of a wetland to provide educational opportunity and act as an "outdoor classroom." A wetland assessed by OFWAM can have educational uses, have the potential to provide, or not be appropriate for educational uses.

Recreation: Evaluates the suitability of a wetland and associated watercourses for non-powered boating, fishing, and similar recreational activities. Wetlands assessed by OFWAM can provide, have the potential to provide, or not provide recreational opportunities.

Wetland Conditions

Sensitivity to Future Impacts: Evaluates the wetland's ability to sustain itself and its ability to recover from future impacts. It is an indication of risk to the wetland because of future changes in the watershed and surrounding land. A wetland can be assessed by OFWAM as sensitive to future impacts, potentially sensitive to future impacts, or not sensitive to future impacts. An undisturbed forested wetland is more sensitive to future impact than a wetland that has already been disturbed, such as agricultural wetland.

Enhancement Potential: Evaluates the suitability of a degraded wetland for enhancement. A wetland providing this condition does not provide one or more of the functions assessed by OFWAM. A wetland fulfilling this condition, therefore, would be of lower overall quality than a wetland providing wildlife habitat, fish habitat, etc. Wetlands that provide diverse wildlife habitat were not assessed in this section, as per the revised OFWAM. Wetlands are assessed as either high enhancement potential, moderate enhancement potential, or little enhancement potential.

Aesthetic quality: Evaluates the visual and aesthetic quality of the wetland. Wetlands can be considered pleasing, moderately pleasing, or not pleasing.

3.3.2 Wetlands of Special Interest for Protection

The first filter in OFWAM is to determine whether the wetland is in a management plan, is a mitigation site protected by a deed restriction, is protected by regulatory rules or statutes, or is uncommon in Oregon. Ten questions are answered for each wetland and a "yes" answer to any of the questions puts the wetland into the "special interest for protection" category. If the wetland falls into this category, it is noted on the wetland characterization sheet.

3.3.3 Field Methodology

During the process of determining the boundaries for the LWI, data were also collected for the process of determining its relative quality. Data collected for this purpose are explained in the Wetland Characterization section of OFWAM. Data collected in the field included the Cowardin classes, the types of disturbance (if any) in the wetland area, the hydrology of the wetland area (e.g. the location of constrictions, connections to other wetlands), the presence of fish, large woody debris, the degree of vegetative cover, and other information necessary to complete the assessment of the wetland in the office.

If the wetland determination was off-site, the OFWAM section and wetland characterization was based on review of the aerial photographs and knowledge of other similar or adjacent wetlands.

3.3.4 Office Assessment

Subsequent to the field work, the data collected for each wetland were used to answer questions for each function and condition. Additional information on the wetlands, the landscape and the general area were gathered in the office. The answers within each function and condition section of the methodology were entered into a computer spreadsheet, which automatically displays the results of the assessment methodology.

Certain criteria were established for the OFWAM assessment prior to beginning. The following is a list of certain standards or assumptions that were used in answering the assessment questions:

Water Quality: Johnson Creek and the Coquille River are listed as water quality limited on the Oregon Department of Environmental Quality 303(d) list (ODEQ, 1998). Johnson Creek is listed for temperature and the Coquille River is listed for bacteria. This information was used in the following questions in OFWAM: Wildlife, question 7; Fish Habitat, question 4; Water Quality, question 6; and Sensitivity to Future Impacts, question 3. It is also used in the determination of Locally Significant wetlands, as wetlands within ¼ mile of a listed stream and having intact or impacted water quality function would meet the criteria for a Locally Significant wetland

Fish Habitat: DSL maps both Ferry Creek and the Coquille River as Essential Salmonid Habitat (ESH). The Oregon Department of Fish and Wildlife (ODFW) was contacted and the following information was provided by Alan Ritchey, ODFW. See Table in Appendix G.

Drainage	Fish Species
Simpson Creek	Cutthroat and Stickleback observed in 1990
Ferry Creek	Cutthroat, Steelhead, Coho, Sculpin, Stickleback
Gross Creek	No data, fish barrier culvert at Coquille River. Possibly Stickleback. Historically likely a fish-bearing stream
Tupper Creek	No data available
Johnson Creek	Cutthroat, Lamprey, and Sculpin observed in 1990
Coquille River	Chinook, Chum, Coho, Steelhead, Cutthroat, Lamprey, Sturgeon, Pacific herring, American shad, Rainbow trout, Surf smelt, Eulachon, Redtail surfperch, Shiner perch, Striped seaperch, Pile perch, Silver surfperch, White seaperch, Speckled sanddab, Pacific sandlance, English sole, Sand sole, Starry flounder, Buffalo sculpin, Bay pipefish, Saddleback gunnel, Striped bass (+ others)

Federal Endangered Species Act Status of Fish Species Found in the Bandon Area

Species	Scientific Name	Evolutionary Significant Unit (ESU)	ESA Listing Status	Listing Decision Date
Steelhead Trout	*Oncorhynchus mykiss*	Oregon coast	Candidate	March 19th, 1998
Coastal Cutthroat Trout*	*Oncorhynchus clarki clarki*	Oregon coast	Candidate	April 1999
Coho Salmon	*Oncorhynchus kisutch*	Oregon coast	Threatened	August 1998
Chum Salmon	*Oncorhynchus keta*	Oregon coast	Not warranted	March 1998

*under jurisdiction of the U.S. Fish and Wildlife Service.

This information was used to answer questions in the Fish Habitat, question 6.

Floodplains: A 100-year floodplain is mapped along the Coquille River, Ferry Creek and Johnson Creek. Question 1 in Hydrologic Control was answered using this information.

Land Use: The City provided a zoning map of properties within city limits, for the study area. Questions 6 and 7 in Hydrologic Control and question 5 in Sensitivity to Future Impacts were answered based on this information.

Enhancement Potential: The enhancement potential section was not required if the wetland was assessed with "diverse wildlife habitat", as per OFWAM directive. In addition, question 3 was specifically directed towards wetlands whose primary source of hydrology was surface water. If this was not the case, question 3 was not answered.

4.0 CARTOGRAPHY

Color aerial photographs were obtained for use in the field. These photos are September 2000 true color, with a scale of approximately 1 inch = 400 feet. Clear acetate was overlaid and permanently registered on the photographs and preliminary wetland boundaries and data point locations were drawn directly on the acetate in the field. In addition, areas within the project area where permission to enter was denied were drawn on the acetate overlays. The wetland boundaries and approximate affected tax lot boundaries were then transferred into a digital format and inserted into a computer-based map obtained from the City of Bandon.

Additional layers added to the AutoCAD base map included watershed basin boundaries, streams from the USGS, additional geographic names, wetland codes, and sample point locations. A hydrologic basin refers to the drainage area for an individually named stream or creek. The determination of the basins was partially based on the Storm Water Master Plan basins, however some were combined due to their small size and lack of wetlands. The study area was divided into five hydrologic basins: Simpson Creek, Ferry Creek, Gross Creek, Tupper Creek, and Johnson Creek

Each wetland was assigned a code beginning with the three letter watershed designation and a wetland number (e.g. FER-1 for Ferry Creek and JOH-1 for Johnson Creek). Wetlands that were hydrologically connected but separated by roads were labeled with a code modifier (e.g. JOH-3A, 3B). Wetlands that were field verified are hatched differently on the maps.

In addition to the base map, PHS generated a series of maps including the project boundary (Figure 1), soils (Figure 2), and the National Wetlands Inventory map (Figure 3).

5.0 STAFF QUALIFICATIONS

The inventory was conducted by wetland scientists with extensive experience in wetland inventories and the Goal 5 process. The following summarizes the project team experience.

John van Staveren:	President/Natural Resources Division; Senior Scientist; Professional Wetland Scientist
Project Role:	Project Manager
Project Responsibility:	Contract negotiations, monthly billing Wetland and riparian inventory field work and assessment Public presentations Quality control Project coordination

John van Staveren has managed over 600 wetlands-related projects, including 12 large-scale wetland inventories; conducted over 750 wetland delineations; testified at numerous public hearings; and provided expert witness testimony. He served as technical advisor to two Citizen Advisory Committees responsible for establishing criteria for the determination of significant wetlands for purposes of Goal 5 and the determination of significant natural resources for purposes of Goal 17.

John van Staveren served on two Oregon Division of State Land's Technical Advisory Committees (TACs) responsible for developing statewide policy on wetlands. These TACs are to establish statewide criteria for determining locally significant wetlands for Goal 5 and to establish a payment option for wetland mitigation. He was a Wetlands Expert team member providing analysis of the OFWAM, and was a reviewer for the latest revision to the methodology.

Patricia Farrell: Professional Wetland Scientist

Project Role:	Assistant Project Manager
Project Responsibility:	Wetland and riparian inventory field work and assessment
	Technical report writing
	Quality control and editing

Patricia Farrell is a Professional Wetlands Scientist with a bachelor's degree in biology and a master's in landscape architecture. Patricia has played a major role in eleven Local Wetlands Inventories, conducted Goal 5 and Goal 17 natural resource surveys, conducted riparian inventories, and applied the *Oregon Freshwater Assessment Methodology* to hundreds of wetlands. She has also assisted in the development of local ordinances related to protection of significant Goal 5 natural resources and in the development of the *Urban Riparian Inventory and Assessment Guide.*

Shawn Eisner: Wetland Scientist

Project Role:	Wetland Scientist
Project Responsibility:	Wetland and riparian inventory field work and assessment
	Quality control and editing
	Report writing
	Data input

Shawn has Bachelor's degrees in Earth and Environmental Sciences. Shawn provides specialized support pertaining to wetland delineations, determinations, and monitoring; stream and natural resource assessments and environmental permit processing. He conducts field work and data collection for Local Wetland Inventories and is involved in report preparation and wetland/riparian assessments.

Fred Small: Wetland Scientist, Botanist

Project Role:	Botanist, Wetland Scientist
Project Responsibility:	Wetland and riparian inventory field work and assessment
	Plant identification and cataloging
	Report writing

Fred Small has a bachelor's degree in biology with strong emphasis in botany. Fred has delineated over 100 wetlands; played a role in several large scale local wetland inventories; conducted rare, threatened, endangered plant surveys for sites in the Oregon Cascades, Willamette Valley, and Oregon Coast.

Michele Eccleston: Wetland Scientist

Project Role:	Wetland Scientist
Project Responsibility:	Wetland and riparian inventory field work and assessment
	Report writing

Michele Eccleston has delineated numerous wetlands and prepared wetland mitigation plans. She has conducted an LWI and riparian inventory in Bandon and helped conducted OFWAM, data collection and wetland characterization.

Tom Rodgers: AutoCAD and Arc-Info Specialist

Project Role:	Cartographer
Project Responsibility:	Mapping
	Graphics

Tom Rodgers is a computer graphics specialist, with experience in the production of Local Wetlands Inventories. He is proficient with AutoCAD Map, Arc-View and Arc-Info programs. He has prepared the maps for several LWIs and coordinated with Planning Departments and Council of Governments to ensure that map products and digital information is compatible with local operating systems.

Jane Le Blanc: Technical Editor

Project Role:	Technical Editor
Project Responsibility:	Graphics
	Report editing, formatting and layout
	Data input

Jane Le Blanc is a technical editor and provides permitting support for PHS. Her duties include formatting and editing wetland reports, proposals, and letters as well as data input.

6.0 STUDY AREA CHARACTERISTICS

6.1 Setting

The study area includes the City of Bandon's Urban Growth Boundary (UGB). Bandon is located on the south coast and includes a historic downtown, cranberry bogs, the mouth of the Coquille River, the Coquille River lighthouse and Bullards Beach State Park. Bandon Marsh is located along the eastern edge of the river and the rocky outcroppings just off shore are part of a National Wildlife Refuge. The area is mostly residential/rural residential, with small areas devoted to public facilities (e.g. parks, schools), commercial, industrial and agricultural.

6.2 Topography

The City of Bandon is located in the junction of the Coquille River and the Pacific Ocean. The northern portion of the study area, including the downtown area, is lower in elevation, ranging from approximately 5 feet to 60 feet National Geodetic Vertical Datum (NGVD). The southern portion is higher in elevation and is situated along a marine terrace, with elevations ranging from 80 feet to 100 feet NGVD. Just inland from Beach Loop Road is a low dunal ridge that runs north/south.

Several minor topographic features include excavated ponds, cranberry bogs and intermittent and perennial drainages.

6.3 Hydrology

6.3.1 Hydrologic Features of the Bandon Study Area

The main hydrologic features of the Bandon area are the Coquille River, Ferry Creek, Simpson Creek and Johnson Creek. Smaller drainages include Tupper Creek and Gross Creek. Simpson, Ferry and Gross Creek drain to the Coquille River. Tupper and Johnson Creeks drain to the Pacific Ocean.

Simpson Creek is located at the northern end of the UGB. It is a perennial stream that has been dammed at the Highway 101 crossing and has formed a large pond on the east side of the highway. This creek flows into the Bandon Marsh wildlife area along the Coquille River.

Ferry Creek is also a perennial tributary to the river. It is located in a deep broad ravine that remains mostly undeveloped, with extensive scrub shrub and forested wetlands associated with it. At the terminus near the Coquille River the creek is confined to a concrete channel near the City's sewage treatment plant.

Gross Creek is a small drainage in the residential areas to the west of "old town". It originates in the flat plateau west of Highway 101 and is channelized through public school properties before forming a deep ravine down the slope to the Coquille River. At its terminus with the river the creek enters a culvert and is piped to the river. This culvert likely blocks fish passage to the creek for anadromous fish.

Tupper Creek is a very small, possibly intermittent drainage that is located on the west side of the low dune on the upper plateau. It flows through residential areas and then forms a steep ravine to drain directly to the ocean.

Johnson Creek is a perennial drainage in the southern portion of the study area. Several drainages and ditches feed this creek. Portions of the creek are relatively undisturbed with forest and shrub canopy, however the lower reaches are in the Face Rock Golf Course and here the creek has been modified. It drains to the ocean under Beach Loop Road.

Table 1. Extent of Drainages in the Bandon LWI Study Area

Name	Extent of Drainage
Simpson Creek	1,520 linear feet
Ferry Creek	4,400 linear feet
Gross Creek	4,600 linear feet
Tupper Creek	1,600 linear feet
Johnson Creek	11,200 linear feet
Coquille River	8,800 linear feet

In addition to surface water, precipitation plays an important role in the hydrology of the area. Bandon receives an average of 55 to 75 inches of rainfall per year. This, in combination with extensive areas of poorly drained soils, account for perched water table conditions and seasonal inundation of depressional areas.

6.3.2 Watershed Designation

As mentioned previously, the study area was divided into five watersheds. The watershed boundaries were based on topography, observations of drainage patterns in the field and the Storm Water Master Plan. The watersheds and their sizes are listed in Table 2 below:

Table 2: Watersheds and Acreages for the Bandon LWI

Watershed	Area (acres)
Simpson Creek (SIM)	397.54
Ferry Creek (FER)	386.96
Gross Creek (GRO)	457.27
Tupper Creek (TUP)	206.71
Johnson Creek (JOH)	1,081.94
Coquille River	253.08
Total Project Acreage	**2,783.50**

6.3.3 Hydrologic Indicators

Direct indicators of hydrology observed during the inventory included soils saturated at or near the surface, inundation, wetland drainage patterns and/or a shallow water table. Indirect indicators included oxidized rhizospheres with living roots, algal mats, and water stained leaves.

6.4 Soils

Table 3 lists the soils that have been mapped by the Natural Resources Conservation Service (formerly the Soil Conservation Service) within the study area. Figure 2 is a soils map for the project area.

Table 3. Soil units and their Hydric Soils Status for the Bandon LWI

Soil Series #	Soil Name	Drainage Class	Hydric Status
3	Beaches	N/A	No
5A	Blacklock fine sandy loam, 0 to 3 percent slopes	Poorly drained	Yes
5B	Blacklock fine sandy loam, 3 to 7 percent slopes	Poorly drained	Yes
8B	Bullards sandy loam, 0 to 7 percent slopes	Well drained	No
8C	Bullards sandy loam, 7 to 12 percent slopes	Well drained	No
8E	Bullards sandy loam, 30 to 50 percent slopes	Well drained	No
9	Chetco silty clay loam, 0 to 3 percent slopes	Very poorly drained	Yes
11	Clatsop mucky peat, 0 to 1 percent slope	Very poorly drained	Yes
28	Heceta fine sand, 0 to 3 percent slopes	Poorly drained	Yes
57	Odorthents, level 0 to 1 percent slope	Varies	No
59D	Waldport fine sand, 0 to 30 percent slopes	Excessively drained	No
60D	Waldport-Dune land complex, 12 to 30 percent slopes	Excessively drained	No
61D	Waldport-Heceta fine sands, 0 to 30 percent slopes	Excessively drained -poorly drained	No
62	Willanch fine sandy loam, 0 to 3 percent slopes	Poorly drained	Yes

A variety of soil types were sampled during field visits to the study area; surface features are described on data sheets in Appendix C. Hydric soil indicators observed during the survey included low chroma soils, both with and without mottling, and an aquic moisture regime in some locations.

6.5 Vegetation

6.5.1 Overview

The City of Bandon is located within the Sitka Spruce (*Picea sitchensis*) Forest Zone (as characterized by Franklin and Dyrness, 1973). This vegetation zone occupies a low-elevation strip along the immediate coastline, often only a few miles wide, and is subject to a relatively wet and mild climate. The zone is distinguished largely by the presence of Sitka spruce, frequent summer fogs, and proximity to the ocean.

Common trees found in this region include Sitka spruce, western hemlock (*Tsuga heterophylla)*, western red cedar (*Thuja plicata*), Douglas fir (*Pseudotsuga menziesii*), shore pine (*Pinus contorta*) and red alder (*Alnus rubra*). Further discussion of plant communities within the interior valleys of western Oregon can be found in *Natural Vegetation of Oregon and Washington* (Franklin and Dyrness 1973).

Perhaps the most distinctive botanical features of Bandon is the presence of Gorse (*Ulex europaeus*), a highly invasive, thorny shrub species that has found a niche in Bandon. It thrives in mild climates with sandy or gravelly soil and has formed dense thickets in extensive areas within the UGB.

6.5.2 Vegetation Communities

Plant communities encountered within the Bandon study area include upland coniferous forest, upland mixed coniferous/deciduous forest, disturbed shrublands, developed-urban, wetland, and riparian. Wetland communities can be further distinguished as palustrine/open water, palustrine/emergent, palustrine/scrub-shrub, and palustrine/forested, following the Cowardin classification system developed for the U.S. Fish and Wildlife Service (Cowardin, et al. 1979). Each of the above communities is described in the sections below. In addition, a non-comprehensive list of plants for the area is included in Appendix F.

Upland Coniferous Forest

The dominant species in the coniferous overstory are Douglas fir, Sitka spruce, western hemlock, shore pine and western red cedar. Understory plants vary greatly with the density of the tree canopy. A closed canopy forest tends to suppress understory species diversity and density, though species such as false lily-of-the-valley (*Maianthemum dilatatum*) and sword fern *(Polystichum munitum*) are commonly encountered. Openings in the canopy allow greater shrub development, with salmonberry (*Rubus spectabilis*), salal (*Gaultheria shallon*), evergreen huckleberry (*Vaccinium ovatum*), red elderberry (*Sambucus racemosa*), Scot's broom (*Cytisus scoparius*) and gorse often evident.

Upland Mixed Coniferous-Deciduous Forest

The conifer species mentioned above may be co-dominant with deciduous hardwoods such as red alder, bigleaf maple (*Acer macrophyllum*), and willows (*Salix* spp.). Shrub understories are often well-developed due to a more open tree overstory for much of the year. Common shrubs include salmonberry, red elderberry, myrtle (*Myrica californica*), evergreen huckleberry, salal, red flowering currant (*Ribes sanguineum*) and cascara (*Rhamnus purshiana*).

Developed-Urban

Plant communities in large portions of the City of Bandon study area have been influenced by human activities for most of this century. The study area includes developed commercial areas and single-family residential subdivisions, commercial cranberry bogs, as well as widely dispersed rural residential. Residences, businesses, parking areas, roads, and sidewalks all represent unvegetated or landscaped areas. Vegetation is often of horticultural origin or weedy in these areas. The fringes of these developed areas may have been subject to disturbance as well, often allowed to regenerate as red alder, Scot's broom, gorse or blackberry thickets.

Disturbed Shrub Land

This community is dominated by gorse primarily, with Scot's broom and Himalayan blackberry as secondary species. Large areas within the central UGB are dominated by this plant community.

Wetlands

Wetland areas are generally transitional between upland or riparian areas and truly aquatic sites with permanently open water. Open water may or may not be present. Within Bandon, due to the impermeability of the soils and the high rainfall, a perched water table can persist through much of the year

Palustrine forested wetlands (PFO) in the area are dominated primarily by an overstory of Sitka spruce, western hemlock, western red cedar, and red alder. Palustrine scrub/shrub (PSS) wetlands typically include sapling red alder, Hookers willows (*Salix hookeriana*), and twinberry (*Lonicera involucrata).* Palustrine emergent wetlands (PEM) are dominated by herbaceous species such as sedges (*Carex* spp.) water parsley *(Oenanthe sarmentosa*), rushes (*Juncus* spp.), birds foot trefoil (*Lotus corniculatus*), skunk cabbage (*Lysichitum americanum*), lady fern (*Athyrium filix femina*) creeping buttercup (*Ranunculus repens*) and wetland grasses, such as meadow foxtail (*Alopecurus pratensis*), common velvetgrass (*Holcus lanatus*) and creeping bentgrass (*Agrostis stolonifera*).

Riparian

Riparian forests are often similar to the upland mixed coniferous-deciduous forests, though species preferring wetter sites may be more common. Alder and willow dominate in the wetter areas, with Sitka spruce and bigleaf maple more common in the drier riparian zones.

6.5.3 Wetland and Upland Indicator Species

Species lists of commonly encountered plants, along with their status as indicators of wetland conditions, have been prepared for all regions of the country by the USFWS (1988). The status of a particular plant, as discussed in Section 2.0, is the probability of that plant occurring in a wetland. Many plants, however, are found in transitional areas between wetlands and uplands. These areas are usually characterized by flat to gradually sloping terrain where the species composition may not reflect true wetland boundaries. In such areas, a species with a status of FACU may extend into the wetland areas, just as FACW species may also be present in upland areas. Table 4 summarizes the wetland indicator codes.

Table 4. Wetland Indicator Codes and Status

Indicator Code	Status
OBL	Obligate wetland. Estimated to occur almost exclusively in wetlands (>99%)
FACW	Facultative wetland. Estimated to occur 67-99% of the time in wetlands.
FAC	Facultative. Occur equally in wetlands and non-wetlands (34-66%).
FACU	Facultative upland. Usually occur in non-wetlands (67-99%).
UPL	Obligate upland. Estimated to occur almost exclusively in non-wetlands (>99%). If a species is not assigned to one of the four groups described above it is assumed to be obligate upland.
NI	Has not yet received a wetland indicator status, but is probably not obligate upland.

A non-comprehensive listing of plant species encountered or expected within the project area, and their wetland indicator status is included in Appendix F.

7.0 LWI DISCUSSION AND CONCLUSIONS

7.1 U.S. Fish & Wildlife Service National Wetland Inventory

The U.S. Fish and Wildlife Service, as part of the National Wetlands Inventory (NWI) program, has mapped wetland in the study area (Figure 3). The 7.5 minute NWI maps were generated primarily on the basis of interpretation of relatively small-scale color infrared aerial photographs (e.g., scale of 1:58,000) with limited "ground truthing" conducted to confirm the interpretations.

As shown on the NWI, wetlands were mapped along the creeks and as isolated patches in the central terrace.

7.2 Local Wetlands Inventory Results

7.2.1 Wetland Acreage and Distribution

A total of 49 wetland units were identified during the LWI with a total acreage of 165.55 acres. The Ferry Creek watershed has the highest percentage of wetlands (14%) and the Gross Creek watershed has the smallest percentage (3%). Although there are extensive estuarine wetlands within the Coquille River watershed (e.g. Bandon Marsh), these wetlands are protected under Goal 16 and are therefore not included in this inventory. Table 5 summarizes the wetland acreage and distribution in the study area. Figures 4A-4C shows the wetlands for the LWI.

Table 5: Wetland Areas Within Each of the Watersheds for the Bandon LWI

Drainage Basin	Area (acres)	Wetland (acres)	Percent of Basin that is wetland
Simpson Creek	397.54	16.51	4%
Ferry Creek	386.96	48.35	13%
Gross Creek	457.27	16.03	4%
Tupper Creek	206.71	10.51	5%
Johnson Creek	1081.94	74.15	7%
Coquille River	253.08	0	0%
Totals	**2,783.50**	**165.55**	

7.2.2 Wetland Classification

Each wetland was classified according to the Cowardin system. Palustrine emergent wetlands (PEM) and palustrine forested (PFO) wetlands are both 34%, followed by palustrine scrub shrub (28%), and palustrine open water, excavated (POWx) (4%).

Table 6 is a summary of wetland classifications for the Bandon LWI study area. Table 7 (pages 21-22) is a classification table listing each wetland. Appendix B includes a wetland characterization sheet for each inventoried wetland that summarizes the plant communities, hydrology, location, and any general notes about adjacent upland areas.

Table 6. Wetland Classifications found within the Bandon LWI

Wetland Classification	Area (acres)	Percent
Palustrine forested (PFO)	56.47	34%
Palustrine scrub-shrub (PSS)	45.82	28%
Palustrine emergent (PEM)	56.74	34%
Palustrine open water, excavated (POWx)	6.52	4%
Total	**165.55**	**100%**

Table 7. Cowardin classification of wetlands identified in the Bandon LWI

Wetland Code	USFWS Wetland Classification				Total Acreage
	PFO	PSS	PEM	POWx	
SIM-1		1.89	0.47		2.36
SIM-2		0.66	2.64	3.31	6.61
SIM-3	0.11		0.06	0.02	0.19
SIM-4	0.11	0.27			0.38
SIM-5	5.22		0.58		5.80
SIM-6	0.53	0.41	0.23		1.17
FER-1	19.12	12.75	9.62	1.00	42.49
FER-2		0.40	0.04		0.44
FER-3	0.24	0.06	0.30		0.60
FER-4	0.04	0.11	0.09		0.24
FER-5		0.87	0.15		1.02
FER-6		0.61	0.33		0.94
FER-7			1.91		1.91
FER-8		0.32	0.39		0.71
GRO-1		1.22	0.14		1.36
GRO-2	0.12	0.10	0.13		0.35
GRO-3	7.67	2.19	1.10		10.96
GRO-4	1.05				1.05
GRO-5			0.46		0.46
GRO-6	0.17	0.33	0.05		0.55
GRO-7		0.78	0.33		1.11
GRO-8		0.17	0.02		0.19
TUP-1		0.23	0.11	1.95	2.29
TUP-2		0.58	0.03		0.61
TUP-3		0.87	3.49		4.36
TUP-4		2.41	0.27		2.68
TUP-5			0.36		0.36
TUP-6	0.04	0.06	0.11		0.21
JOH-1	0.04	0.19	0.04		0.27
JOH-2			0.34		0.34
JOH-3A	4.49	2.24	8.22		14.95
JOH-3B		0.31	1.24		1.55
JOH-3C	0.43	0.86	3.03		4.32
JOH-3D	1.69	0.84	5.91		8.44
JOH-3E	0.38	4.89	2.25		7.52
JOH-4	9.60	2.75	1.37		13.72
JOH-5		0.95			0.95

Table 7, continued

Wetland Code	USFWS Wetland Classification				Total Acreage
	PFO	PSS	PEM	POWx	
JOH-6	5.25	1.50	0.75		7.50
JOH-7		0.13	0.54		0.67
JOH-8		0.93	2.78		3.71
JOH-9		0.16	0.92		1.08
JOH-10		0.03	0.47		0.50
JOH-11		0.39	0.13		0.52
JOH-12		0.62			0.62
JOH-13		0.50			0.50
JOH-14			0.44		0.44
JOH-15	0.17	0.87	0.70		1.74
JOH-16		0.37	0.61	0.24	1.22
JOH-17			3.59		3.59
TOTAL	**56.47**	**45.82**	**56.74**	**6.52**	**165.55**

7.3 *Oregon Freshwater Wetland Assessment Methodology* Results

7.3.1 Wetlands of Special Interest for Protection

Each of the wetlands was assessed according to the ten questions in this section of OFWAM. These questions are regarding the presence of federal or state listed threatened, endangered or sensitive species, existing management plans, conservation plans, protected mitigation areas, critical habitat, wetland reserve areas and the presence of uncommon wetland plant communities in Oregon. These questions were answered "no" for all the wetlands, with the exception of a Ferry Creek wetland (FER-1) as this area provides habitat for the listed Threatened coho salmon.

7.3.2 Wetland Quality Assessment

An assessment of the quality for each of the wetlands identified through the inventory was conducted using the *Oregon Freshwater Assessment Methodology* (OFWAM) (Roth et al, April 1996). OFWAM assesses 6 functions and 3 conditions, as described in Section 3.3.1.

Appendix D contains all of the results for each of the wetlands assessed by the methodology along with summary sheets of the functions and conditions assessed by the methodology and the rationale for the results.

Although OFWAM provides qualitative information on the relative value of wetlands and does not have a numerical ranking, numbers were assigned to the assessment criteria to easily compare the results. Table 8 (page 23) is a key to the numbers assigned to the assessment criteria for each of the functions and conditions. A number 1 was assigned to wetlands

receiving the highest function or condition result (e.g. intact, diverse), a number 3 was assigned to the wetlands receiving the lowest result (lost or not present, not appropriate), and a number 2 was assigned to the results which do not fit the other criteria (potential, impacted or degraded). Table 9 (pages 24-25) shows the results of the quality assessment conducted on all of the wetlands identified through the inventory. Some functions or conditions were not applicable to certain wetlands. For instance the methodology states that if a wetland receives an assessment of "diverse wildlife habitat" then the enhancement potential assessment is not applicable. In addition, if there was no likelihood of fish habitat in the wetlands the fish habitat assessment was not applicable.

Table 8. Key to the *Oregon Freshwater Wetland Assessment Methodology* Numerical Ranking

Wildlife Habitat	1. *Wetland provides diverse wildlife habitat* 2. *Wetland provides habitat for some wildlife species* 3. *Wetland does not provide wildlife habitat*
Fish Habitat	1. *Wetland's fish habitat function is intact* 2. *Wetland's fish habitat function is impacted or degraded* 3. *Wetland's fish habitat function is lost or not present*
Water Quality	1. *Wetland's water-quality function is intact* 2. *Wetland's water-quality function is impacted or degraded* 3. *Wetland's water-quality function is lost or not present*
Hydrologic Control	1. *Wetland's hydrologic control function is intact* 2. *Wetland's hydrologic control function is impacted or degraded* 3. *Wetland's hydrologic control function is lost or not present*
Sensitivity to Impact	1. *Wetland is sensitive to future impacts* 2. *Wetland is potentially sensitive to future impacts* 3. *Wetland is not sensitive to future impacts*
Enhancement Potential	1. *Wetland has high enhancement potential* 2. *Wetland has moderate potential for enhancement* 3. *Wetland has little enhancement potential*
Education	1. *Wetland has educational uses* 2. *Wetland has potential for educational use* 3. *Wetland is not appropriate for educational use*
Recreation	1. *Wetland provides recreational opportunities* 2. *Wetland has the potential to provide recreational activities* 3. *Wetland is not appropriate for or does not provide recreational opportunities*
Aesthetic Quality	1. *Wetland is considered to be pleasing* 2. *Wetland is considered to be moderately pleasing* 3. *Wetland is not pleasing*

Table 9. Oregon Freshwater Wetland Assessment Methodology Numerical Ranking Results for the Bandon Local Wetlands Inventory

Wetland Code	Wildlife Habitat	Fish Habitat	Water Quality	Hydrologic Control	Sensitivity to Impact	Enhancement Potential	Education	Recreation	Aesthetic Quality	Size (acres)
SIM-1	1	2	2	2	2	n/a	3	3	2	2.36
SIM-2	1	1	2	1	2	n/a	3	1	2	6.61
SIM-3	2	2	1	1	2	1	3	3	1	0.19
SIM-4	2	1	2	2	2	1	3	3	2	0.38
SIM-5	1	2	2	2	2	n/a	3	3	2	5.8
SIM-6	2	n/a	2	1	2	1	3	3	3	1.17
FER-1	1	1	1	1	2	n/a	3	3	1	42.49
FER-2	2	n/a	2	1	2	2	3	2	3	0.44
FER-3	2	n/a	1	1	2	2	3	3	3	0.60
FER-4	2	2	1	1	2	2	1	2	3	0.24
FER-5	2	n/a	2	1	2	2	3	3	2	1.02
FER-6	2	n/a	2	2	2	2	3	3	3	0.94
FER-7	2	n/a	2	2	2	2	3	3	3	1.91
FER-8	2	n/a	2	2	2	2	3	3	2	0.71
GRO-1	2	n/a	2	1	2	2	1	2	2	1.36
GRO-2	2	n/a	1	1	2	2	3	1	3	0.35
GRO-3	2	2	1	1	2	1	3	2	1	10.96
GRO-4	2	n/a	1	1	2	1	3	3	2	1.05
GRO-5	2	n/a	2	2	2	2	3	2	3	0.46
GRO-6	2	2	1	1	2	1	2	2	1	0.55
GRO-7	2	2	2	2	2	1	3	3	3	1.11
GRO-8	2	n/a	1	2	2	2	2	3	2	0.19
TUP-1	1	n/a	2	1	1	n/a	3	2	1	2.29
TUP-2	2	n/a	1	1	2	1	3	3	1	0.61
TUP-3	2	n/a	2	2	2	1	3	3	2	4.36
TUP-4	2	n/a	2	2	2	1	3	3	1	2.68
TUP-5	2	n/a	2	2	2	2	2	3	1	0.36
TUP-6	2	n/a	1	2	2	1	1	1	1	0.21
JOH-1	2	n/a	2	2	2	2	1	1	2	0.27
JOH-2	2	n/a	2	2	2	2	2	3	1	0.34

Table 9, continued

Wetland Code	Wildlife Habitat	Fish Habitat	Water Quality	Hydrologic Control	Sensitivity to Impact	Enhancement Potential	Education	Recreation	Aesthetic Quality	Size (acres)
JOH-3A	1	n/a	2	1	2	n/a	2	3	2	14.95
JOH-3B	2	n/a	2	2	2	2	3	3	2	1.55
JOH-3C	2	2	2	2	2	1	3	3	2	4.32
JOH-3D	2	2	2	2	2	1	2	3	1	8.44
JOH-3E	2	2	1	1	2	1	2	3	2	7.52
JOH-4	1	n/a	2	1	2	n	3	3	1	13.72
JOH-5	2	n/a	2	2	2	2	3	3	2	0.95
JOH-6	2	n/a	2	2	2	2	2	3	2	7.50
JOH-7	2	n/a	2	2	2	2	3	3	1	0.67
JOH-8	2	2	2	1	2	1	2	3	3	3.71
JOH-9	2	n/a	2	2	2	2	2	3	1	1.08
JOH-10	2	n/a	1	1	2	1	3	2	3	0.50
JOH-11	2	2	1	1	2	1	3	2	3	0.52
JOH-12	2	n/a	2	2	2	2	3	3	1	0.62
JOH-13	2	n/a	2	2	2	2	3	3	1	0.50
JOH-14	2	n/a	2	2	2	2	3	3	1	0.44
JOH-15	1	2	2	2	2	n	3	3	1	1.74
JOH-16	1	1	1	2	2	n	2	3	1	1.22
JOH-17	2	n/a	2	2	2	2	3	3	3	3.59

In general, 40 of the wetlands (82%) provided wildlife habitat for some species, and 9 (18%) provided diverse wildlife habitat. The diverse habitat was due to a variety of strata (trees, shrubs, herbaceous), and was adjacent, or connected to, other wetlands or surface water.

The majority of the wetlands (65%) were not assessed for the fish habitat function due to the lack of perennial surface water or connection to surface water. Of the 17 wetlands which were assessed for fish habitat, 4 (24%) was determined to have intact fish habitat due to perennial surface water, large woody debris, shade, or direct connection to Ferry Creek, an essential salmonid stream. The other 13 wetlands (76%) assessed for this function were determined to be impacted or degraded.

The water quality function was assessed as impacted or degraded in many wetlands if the primary source of hydrology was precipitation or groundwater. The rationale is that wetlands which are precipitation or groundwater-driven may not play as significant a water quality function as wetlands derived from surface water. Fifteen (15) wetlands (31%) were assessed as having their water quality function intact. None of the wetlands were assessed as having their water quality function lost or not present. The remaining 34 wetlands (69%) had impacted or degraded water quality.

Hydrologic control was generally assessed as impacted or degraded (57%), or with hydrologic control function intact (43%).

Recreational and educational functions were generally considered not appropriate in a majority of the wetlands due to the lack of public access and safety concerns associated with public access and handicap access. In addition, the aesthetic quality of many of the wetlands was impaired by the presence or noise of major roads and the lack of vegetation diversity.

8.0 SIGNIFICANT WETLANDS DETERMINATION

8.1 Locally Significant Wetlands Criteria

On September 1, 1996, the Land Conservation and Development Commission adopted a revised Statewide Planning Goal 5. Goal 5 is the planning goal for natural resources, scenic and historic areas, and open spaces. Its purpose is to "protect natural resources, and conserve scenic and historic areas and open spaces". The goal requires local jurisdictions to inventory the natural resources covered under the goal, determine the significance of these resources, and develop plans to achieve the goal. In other words, local jurisdictions must adopt land use ordinances regulating development in and around significant areas.

Local jurisdictions determining significant wetlands must use the criteria recently adopted by the Oregon Division of State Lands (ORS 197.279(3)(b)). This criteria identifies Locally Significant Wetlands. The significance criterion is divided into three sections, as described in Table 10.

Table 10. Criteria for Determining Goal 5 Locally Significant Wetlands

***Exclusions*: A wetland cannot be designated as significant if the answer to any Of the criteria below is "Yes".**
1 Is this wetland artificially created entirely from upland and: **a.** created for the purpose of controlling, storing, or maintaining storm water **b.** is used for active surface mining or as a log pond **c.** is a ditch without a free and open connection to natural waters of the state **d.** is less than 1 acre and created unintentionally from irrigation or construction **e.** created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard **2** Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)
***Mandatory Locally Significant Wetland Criteria*: A wetland is locally significant if "Yes" is the answer to any of the criteria below.**
1 Does the wetland provide *diverse wildlife habitat*? **2** Is the wetland's *fish habitat function intact*? **3** Is the wetland's *water quality function intact*? **4** Is the wetland's *hydrologic control function intact*? **5** Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list) and is the wetland's *water quality function intact, or impacted or degraded*? **6** Does the wetland contain a rare plant community? **7** Is the wetland inhabited by any species listed federally as threatened or Endangered, or state listed as sensitive, threatened or endangered? **8** Does the wetland have a direct surface water connection to a stream segment Mapped by ODFW as habitat for indigenous anadromous salmonids and is the wetland's *fish habitat function intact, or impacted or degraded*?
***Optional Locally Significant Wetland Criteria*: local governments may Identify a wetland as significant if "Yes" is the answer to the criteria below**
1 Does the wetland represent a locally unique native plant community and Provides *diverse wildlife habitat or habitat for some species* or Has a *intact, or impacted or degraded fish habitat function* or Has a *intact, or impacted or degraded water quality function* or Has a *intact, or impacted or degraded hydrologic control function.* **2** Is the wetland publicly owned and used by a school or organization and Does the wetland provide *educational uses*?

8.2 Applying Significant Wetland Criteria to the LWI Study Area

The locally significant wetlands criteria were applied to the 49 wetlands within the study area. Thirty (30) wetlands satisfied the criteria for significant wetlands. The results of applying the criteria are included in Appendix E and are summarized in Table 11.

Table 11. Locally Significant Wetlands (LSW) in the Bandon LWI

SIM-1	FER-1	GRO-1	TUP-1	JOH-3A	JOH-10
SIM-2	FER-2	GRO-2	TUP-2	JOH-3C	JOH-11
SIM-3	FER-3	GRO-3	TUP-6	JOH-3D	JOH-15
SIM-4	FER-4	GRO-4		JOH-3E	JOH-16
SIM-5	FER-5	GRO-6		JOH-4	
SIM-6		GRO-8		JOH-8	

Therefore, based on the criteria, 30 of the 49 wetlands (61%) were determined to be significant: 6 in the Simpson Creek, 5 in Ferry Creek, 6 in Gross Creek, 3 in Tupper Creek, and 10 in the Johnson Creek. These wetlands met the criteria for significance because they met one or more of the mandatory criteria.

8.3 Potential Mitigation Sites

No vacant, former wetlands that are 5 acres or more in size were noted in the study area.

9.0 PROJECT SUMMARY

- The City of Bandon hired Pacific Habitat Services, Inc. (PHS) to conduct a Local Wetlands Inventory (LWI) for areas within the City's Urban Growth Boundary.
- The project area is approximately 2,794- acres, and includes the Coquille River, Simpson Creek, Ferry Creek, Gross Creek, Tupper Creek, and Johnson Creek.
- Field work was conducted between September 2001 and September 2002. Each wetland unit was assigned an unique code based on the watershed. A wetland characterization and wetland assessment was completed for each wetland unit. The wetland assessment was based on the *Oregon Freshwater Wetland Assessment Methodology*.
- In addition to the determination and wetland assessment, Locally Significant Wetlands were identified based on Oregon Administrative Rules.
- Ferry Creek and the Coquille River are Essential Salmonid Habitat streams, according to ODFW and DSL.
- Johnson Creek and the Coquille River are listed as water quality limited on the Oregon Department of Environmental Quality 303(d) list (ODEQ, 1998). Johnson Creek is listed for temperature and the Coquille River is listed for bacteria.
- A total of 49 wetland units were identified in the project area, with a combined acreage of approximately 165.55 acres.
- Most of the wetlands can be classified as palustrine emergent (34%) or palustrine forested (34%), followed by palustrine scrub-shrub (28%), open water (4%).

- One (1) wetland (FER-1) met the criteria for "wetlands of special interest for protection".
- Thirty (30) of the 49 wetlands met the criteria for Locally Significant Wetlands.
- There were no potential mitigation/restoration sites within the Bandon LWI.

10.0 REFERENCES

Cowardin, L.M., V. Carter, F.C. Golet, and E.T. LaRoe. 1979. *Classification of wetlands and deepwater habitats of the United States*. U.S. Fish and Wildlife Service, Office of Biological Services, FWS/OBS-79/31. 103 pp.

Environmental Laboratory. *Corps of Engineers Wetlands Delineation Manual (Technical Report Y-87-1).* (U.S. Army Corps of Engineers, 1987).

Federal Register. 1982, *Title 33: Navigation and Navigable Waters, Chapter 11, Regulatory Programs of the Corps of Engineers*, Vol. 47, No. 138, p3l810, US Government Printing Office, Washington, D.C.

Franklin, Jerry F and Dyrness C.T. 1973. *Natural Vegetation of Oregon and Washington.* Pacific Northwest Forest and Range Experiment Station, Forest Service, US Department of Agriculture, Portland, Oregon.

Land Conservation and Development Commission, 1996. *Statewide Planning Goal 5. Amended Administrative Rules OAR 660, DSL 23.*

Oregon Department of Environmental Quality, 1998. *DEQ's 1998 303(d) List of Water Quality Limited Waterbodies & Oregon's Criteria Used for Listing Waterbodies.*(http://www.deq.state.or.us/wq/WQLData/SubBasinList98.asp)

Oregon Department of Fish and Wildlife, 2000. *Oregon Guideline for Timing of In-water Work to Protect Fish and Wildlife Resources.*

Reed, Porter B., Jr. 1988 (May). *National List of plant Species That Occur in Wetlands: Northwest (Region 9).* Prepared by the U.S. Fish and Wildlife Service, St. Petersburg, FL. NERC-88/18.37.

Roth E.M., R.D. Olsen, P.L. Snow, and R.R. Sumner. 1996. *Oregon Freshwater Wetland Assessment Methodology*. Ed. by S.G. McCannell. DSL. Salem, OR.

U.S.D.A., Natural Resources Conservation Service. 1989 *Soil Survey of Coos County, Oregon.*

U.S.D.A., Soil Conservation Service. 1989. *Oregon Hydric Soils by Counties.*

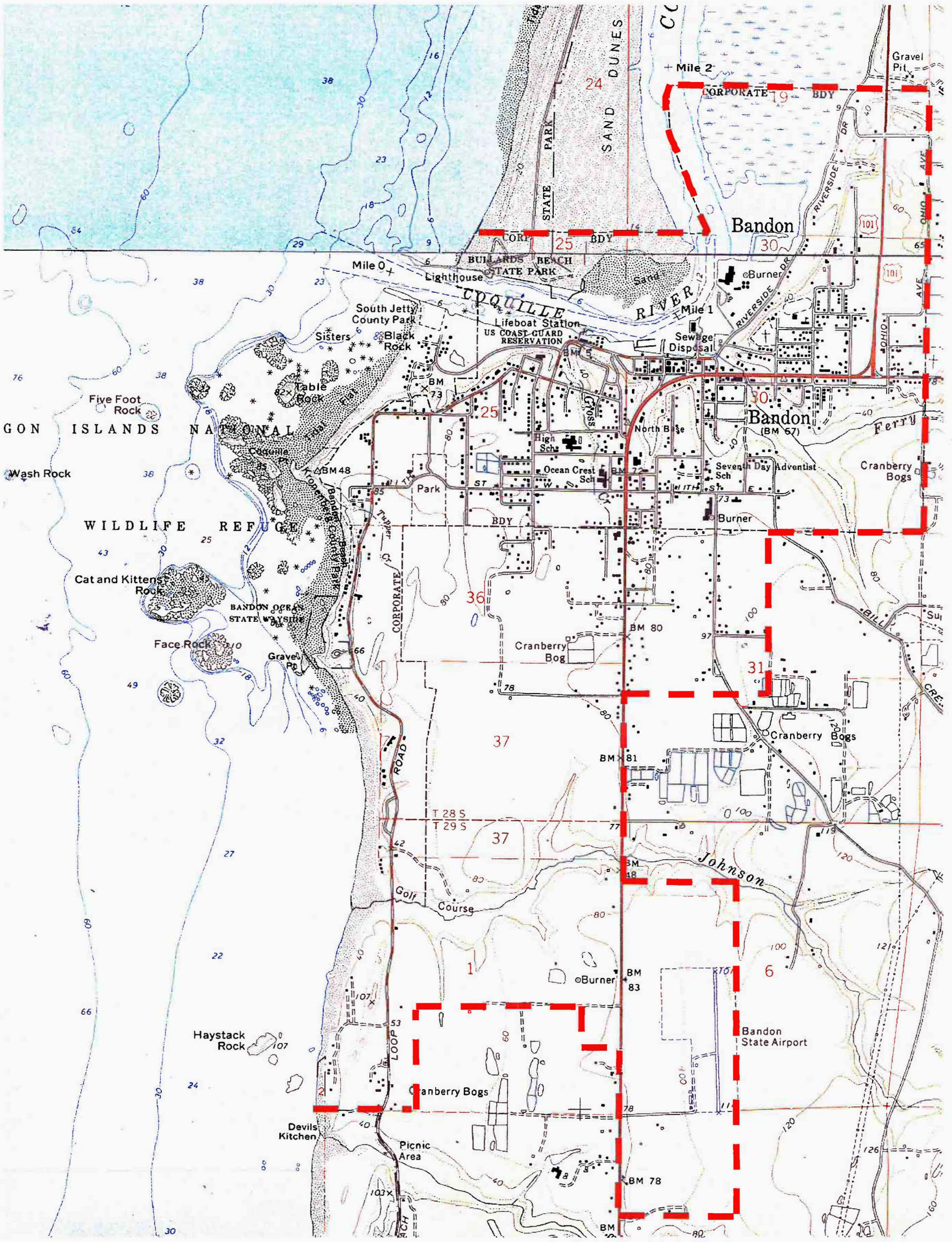
U.S.F.W.S. *National Wetlands Inventory* map, *Bandon* and *Bullards*, Oregon quadrangles. 1989. Color infrared aerial photography in September, 1982; 1:58,000.

U.S. Geological Survey. 1970. *Bandon and Bullards,* Oregon topographical quadrangles, 1:24,000.

Appendix A

Figures





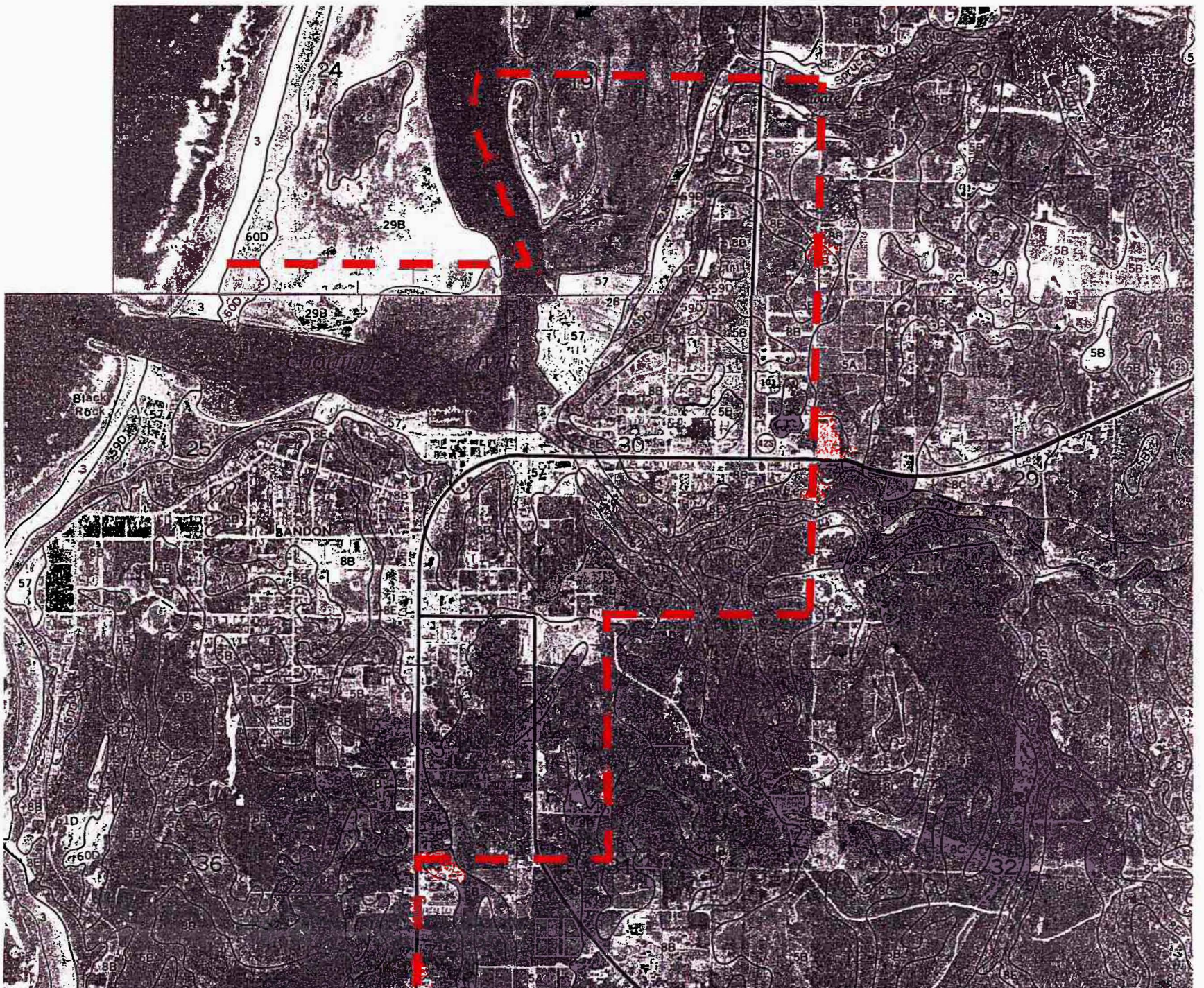
3/26/03

2395

FIGURE 1

Approximate study area boundary for the Bandon Local Wetlands Inventory (USGS Bandon, Oregon and Bullards, Oregon, 1970).

Pacific Habitat Services, Inc.



Soil Series #	Soil Name	Drainage Class
3	Beaches	N/A
5A	Blacklock fine sandy loam, 0 to 3 percent slopes	Poorly drained
5B	Blacklock fine sandy loam, 3 to 7 percent slopes	Poorly drained
8B	Bullards sandy loam, 0 to 7 percent slopes	Well drained
8C	Bullards sandy loam, 7 to 12 percent slopes	Well drained
8E	Bullards sandy loam, 30 to 50 percent slopes	Well drained
9	Chetco silty clay loam, 0 to 3 percent slopes	Very poorly drained
11	Clatsop mucky peat, 0 to 1 percent slope	Very poorly drained
28	Heceta fine sand, 0 to 3 percent slopes	Poorly drained
57	Odorthents, level 0 to 1 percent slope	Varies
59D	Waldport fine sand, 0 to 30 percent slopes	Excessively drained
60D	Waldport-Dune land complex, 12 to 30 percent slopes	Excessively drained
61D	Waldport-Heceta fine sands, 0 to 30 percent slopes	Excessively drained -poorly drained
62	Willanch fine sandy loam, 0 to 3 percent slopes	Poorly drained

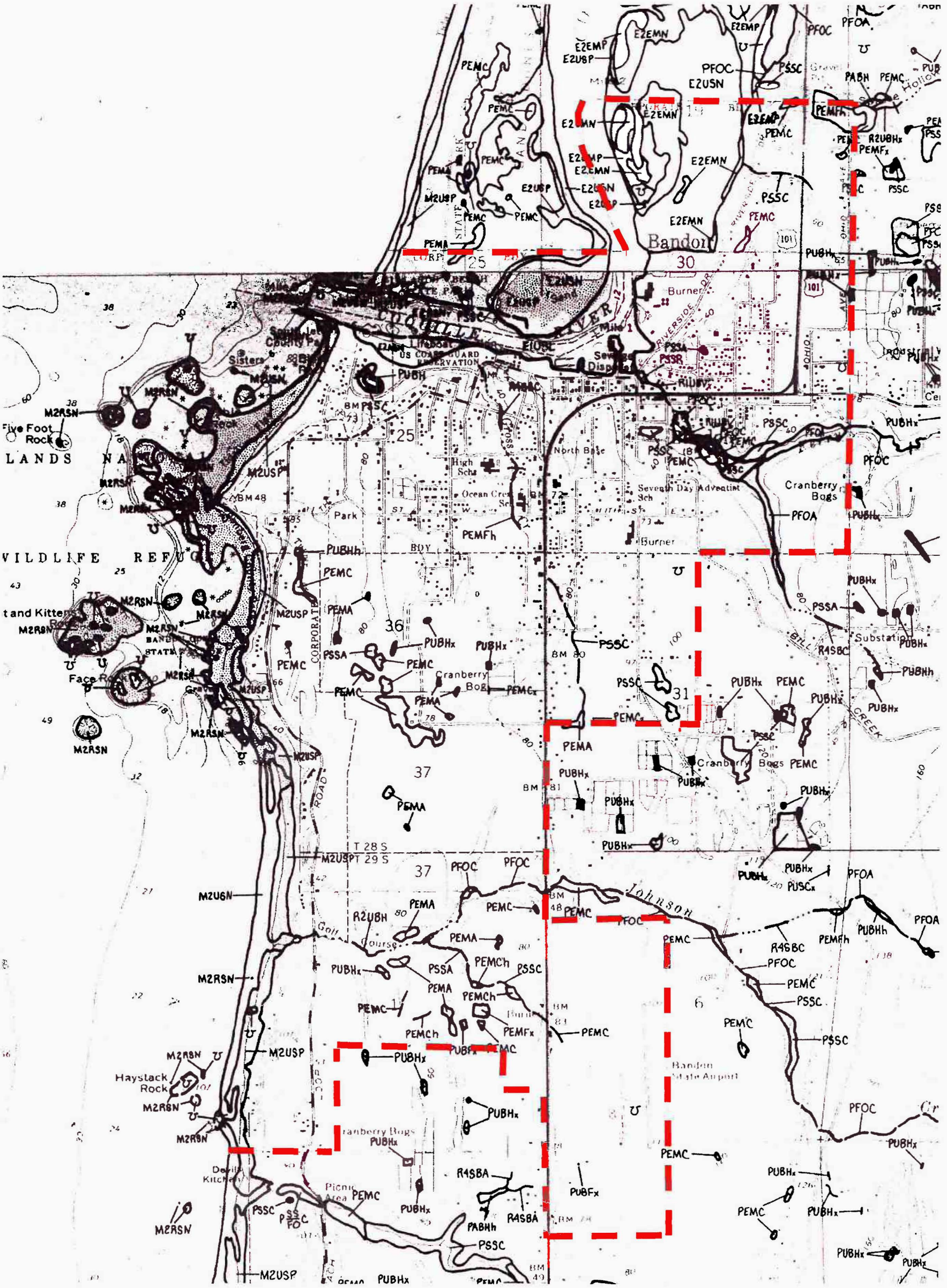
3/26/03

2395

FIGURE 2

Soil series for the Bandon Local Wetlands Inventory (SCS, Soil Survey of Coos County, Oregon, Sheet numbers 56 and 62, 1982, Issued July 1989).

Pacific Habitat Services, Inc.



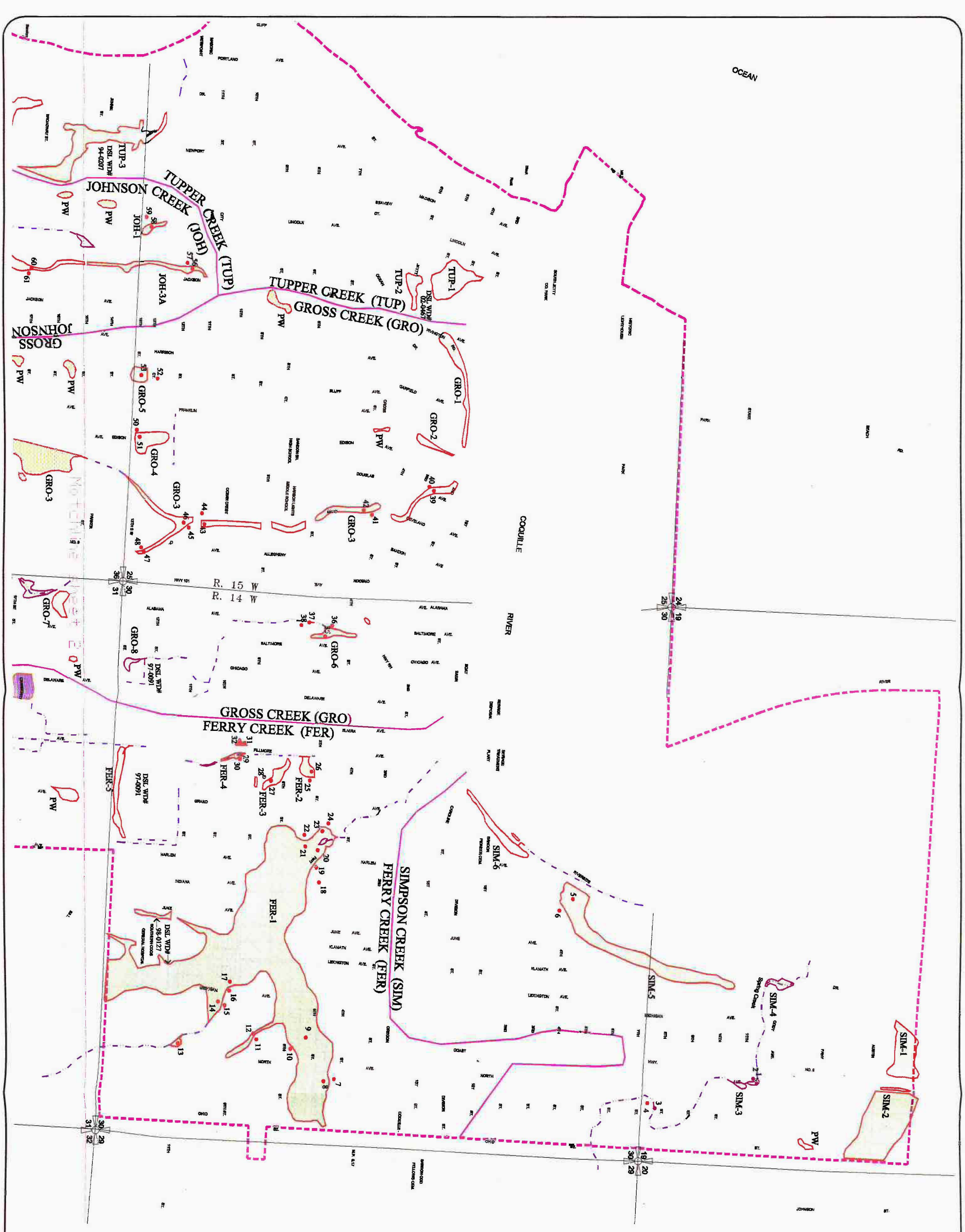
3/26/03

2395

FIGURE 3

National Wetlands Inventory for the Bandon Local Wetlands Inventory, (USFWS Bandon, Oregon and Bullards, Oregon, 1989).

Pacific Habitat Services, Inc.



Funding for this project was provided by the Oregon Division of State Lands, Wetlands program. This grant program was supported by funding from the Oregon Watershed Enhancement Board.

THIS MAP IS FOR PLANNING PURPOSES ONLY
WETLAND BOUNDARIES ARE APPROXIMATE
AND SUBJECT TO CHANGE

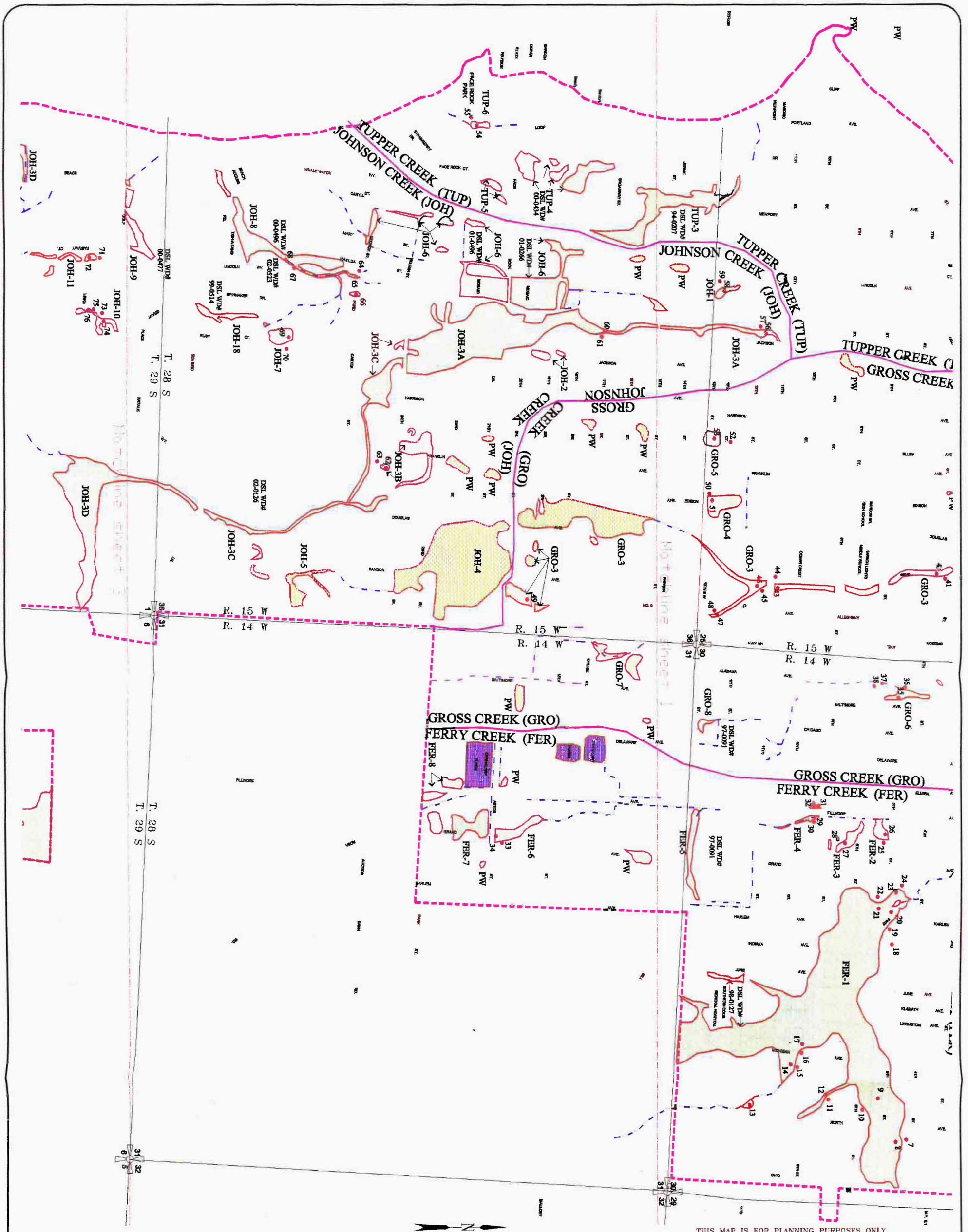
This map has NOT been approved by the wetland regulatory agencies for permitting purposes. You are advised to contact the Oregon Division of State Lands and the U.S. Army Corps of Engineers with any regulatory questions. There may be additional wetlands within the study area that have not been identified. All wetlands, whether mapped or not, may be subject to Federal and State permit requirements. There may also be areas of non-wetland within areas identified as wetlands on this map. In all cases, Federal and State agencies will use actual field conditions, rather than this map, to determine wetland boundaries.

DATE: March, 2003
BASE MAP INFO: Supplied by City of Bandon
JOB NO.: 2395

Bandon
Local Wetlands Inventory

Pacific Habitat Services, Inc.
9450 SW Commerce Circle, Suite 180
Wilsonville, Oregon 97070
Phone: (503) 570-0800

Figure 4A



Watershed Boundary
Project Boundary/UGB
Potentially Jurisdictional Creeks/drainages
Sample Point 58
Wetland Code TUP-1
Potentially Jurisdictional Wetland (not Field Verified)
Potentially Jurisdictional Wetland (Field Verified)
Potentially Jurisdictional Other Waters
Probable Wetland PW

GRAPHIC SCALE

400 0 200 400 800 1600

Scale in Feet

Funding for this project was provided by the Oregon Division of State Lands, Wetlands program. This grant program was supported by funding from the Oregon Watershed Enhancement Board.

THIS MAP IS FOR PLANNING PURPOSES ONLY
WETLAND BOUNDARIES ARE APPROXIMATE
AND SUBJECT TO CHANGE

This map has NOT been approved by the wetland regulatory agencies for permitting purposes. You are advised to contact the Oregon Division of State Lands and the U.S. Army Corps of Engineers with any regulatory questions. There may be additional wetlands within the study area that have not been identified. All wetlands, whether mapped or not, may be subject to Federal and State permit requirements. There may also be areas of non-wetland within areas identified as wetlands on this map. In all cases, Federal and State agencies will use actual field conditions, rather than this map, to determine wetland boundaries.

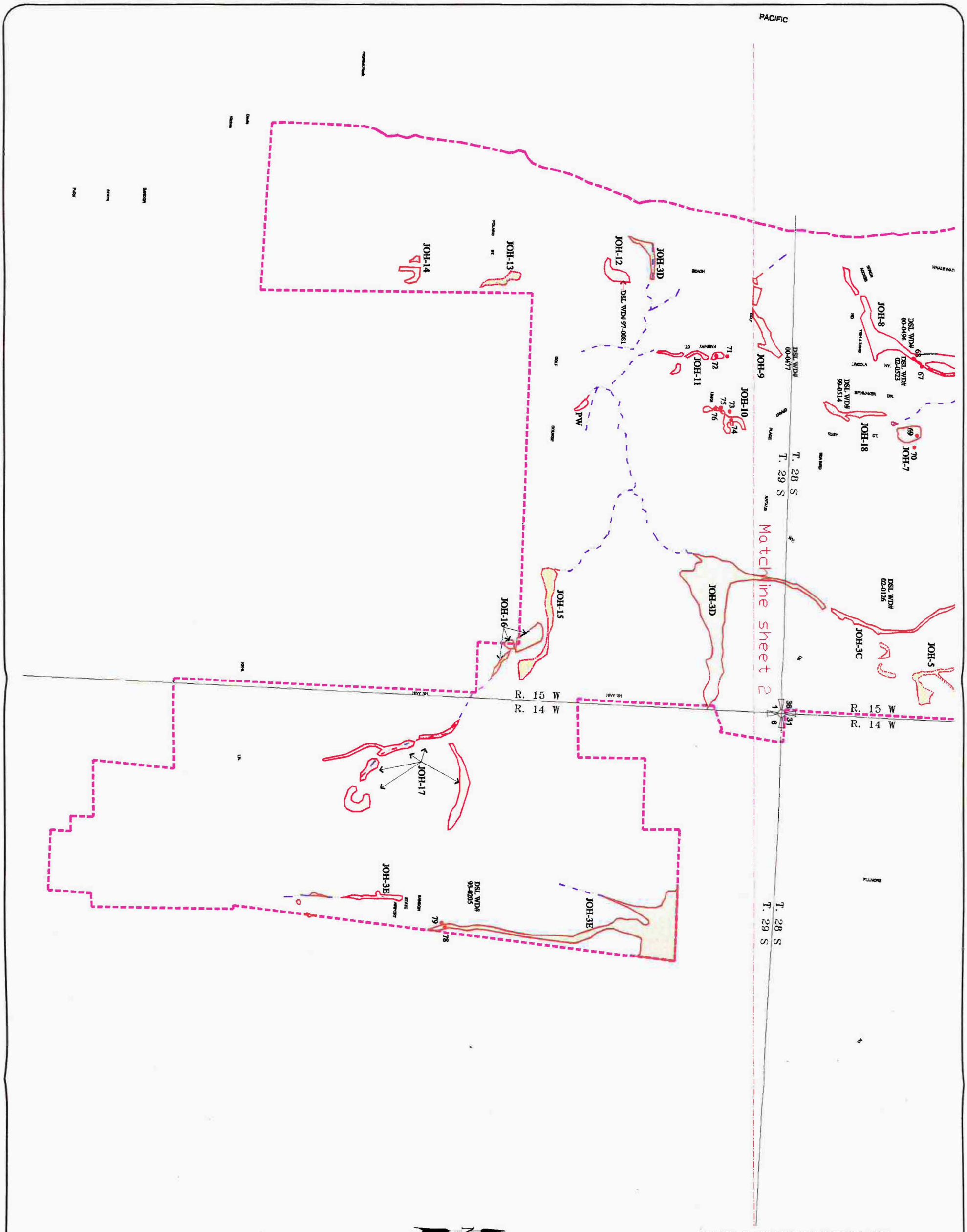
DATE: March, 2003
BASE MAP INFO: Supplied by City of Bandon
JOB NO.: 2395

Bandon
Local Wetlands Inventory

Pacific Habitat Services, Inc.
9450 SW Commerce Circle, Suite 180
Wilsonville, Oregon 97070
Phone: (503) 570-0800

PHS

Figure 4B


PACIFIC
JOH-14
JOH-13
JOH-12
JOH-3D
JOH-11
JOH-10
JOH-9
JOH-8
JOH-18
JOH-7
JOH-15
JOH-16
JOH-17
JOH-3E
JOH-3C
JOH-5
PW
DSL WD# 97-0081
DSL WD# 00-0477
DSL WD# 00-0496
DSL WD# 02-0523
DSL WD# 99-0514
DSL WD# 02-0126
DSL WD# 93-0205
67
68
69
70
71
72
73
74
75
76
78
79
R. 15 W
R. 14 W
T. 28 S
T. 29 S
Matchline sheet 2
GRAPHIC SCALE
Scale in Feet
Watershed Boundary
Project Boundary/UGB
Potentially Jurisdictional Creeks/drainages
Sample Point
Wetland Code
TUP-1
Potentially Jurisdictional Wetland (not Field Verified)
Potentially Jurisdictional Wetland (Field Verified)
Potentially Jurisdictional Other Waters
Probable Wetland
PW
Funding for this project was provided by the Oregon Division of State Lands, Wetlands program. This grant program was supported by funding from the Oregon Watershed Enhancement Board.
THIS MAP IS FOR PLANNING PURPOSES ONLY
WETLAND BOUNDARIES ARE APPROXIMATE
AND SUBJECT TO CHANGE
This map has NOT been approved by the wetland regulatory agencies for permitting purposes. You are advised to contact the Oregon Division of State Lands and the U.S. Army Corps of Engineers with any regulatory questions. There may be additional wetlands within the study area that have not been identified. All wetlands, whether mapped or not, may be subject to Federal and State permit requirements. There may also be areas of non-wetland within areas identified as wetlands on this map. In all cases, Federal and State agencies will use actual field conditions, rather than this map, to determine wetland boundaries.
DATE: March, 2003
BASE MAP INFO: Supplied by City of Bandon
JOB NO.: 2395
Bandon
Local Wetlands Inventory
Pacific Habitat Services,Inc.
9450 SW Commerce Circle, Suite 180
Wilsonville, Oregon 97070
Phone: (503) 570-0800
PHS
Figure 4C



Watershed Boundary
Project Boundary/UGB
Potentially Jurisdictional Creeks/drainages
Sample Point 58
Wetland Code TUP-1

Potentially Jurisdictional Wetland (not Field Verified)
Potentially Jurisdictional Wetland (Field Verified)
Potentially Jurisdictional Other Waters
Probable Wetland PW

N

GRAPHIC SCALE

1000 0 400 1000 2000 4000

Scale in Feet

Funding for this project was provided by a grant from the Oregon Division of State Lands, Wetlands Planning Assistance grant program. This grant program is supported by a grant from the U.S. Environmental Protection Agency under authority of the Clean Water Act.

THIS MAP IS FOR PLANNING PURPOSES ONLY
WETLAND BOUNDARIES ARE APPROXIMATE
AND SUBJECT TO CHANGE

This map has NOT been approved by the wetland regulatory agencies for permitting purposes. You are advised to contact the Oregon Division of State Lands and the U.S. Army Corps of Engineers with any regulatory questions. There may be additional wetlands within the study area that have not been identified. All wetlands, whether mapped or not, are subject to Federal and State permit requirements. There may also be areas of non-wetland within areas identified as wetlands on this map. In all cases, Federal and State agencies will use actual field conditions, rather than this map, to determine wetland boundaries.

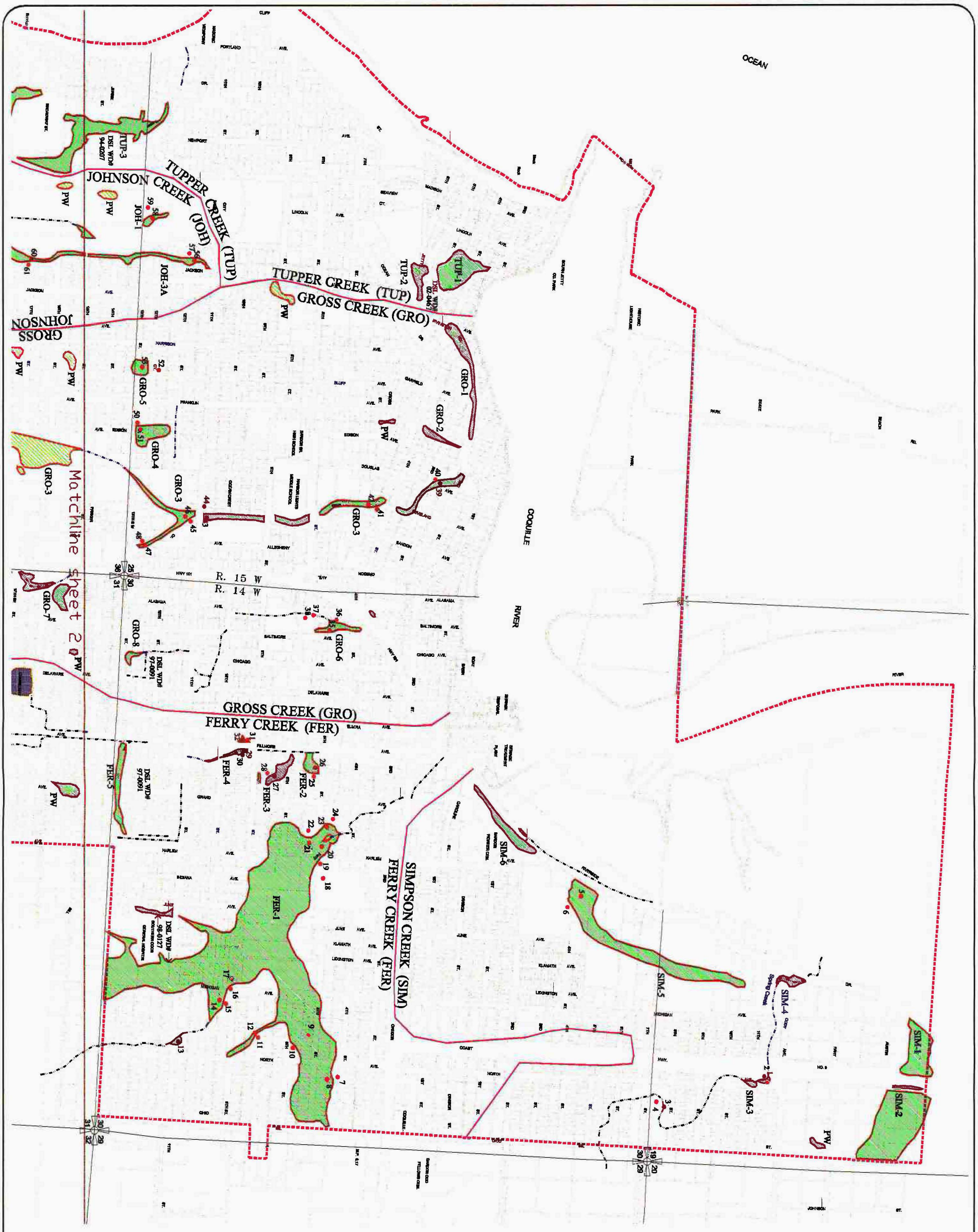
DATE: March, 2003
BASE MAP INFO: Supplied by City of Bandon
JOB NO.: 2395

Bandon
Local Wetlands Inventory

Pacific Habitat Services, Inc.
9450 SW Commerce Circle, Suite 180
Wilsonville, Oregon 97070
Phone: (503) 570-0800

PHS

Reference Sheet:



Watershed Boundary
Project Boundary/UGB
Potentially Jurisdictional Creeks/drainages
Sample Point 58
Wetland Code TUP-1

Potentially Jurisdictional Wetland (not Field Verified)
Potentially Jurisdictional Wetland (Field Verified)
Potentially Jurisdictional Other Waters
Probable Wetland PW

GRAPHIC SCALE

Scale in Feet

Funding for this project was provided by the Oregon Division of State Lands, Wetlands program. This grant program was supported by funding from the Oregon Watershed Enhancement Board.

THIS MAP IS FOR PLANNING PURPOSES ONLY
WETLAND BOUNDARIES ARE APPROXIMATE
AND SUBJECT TO CHANGE

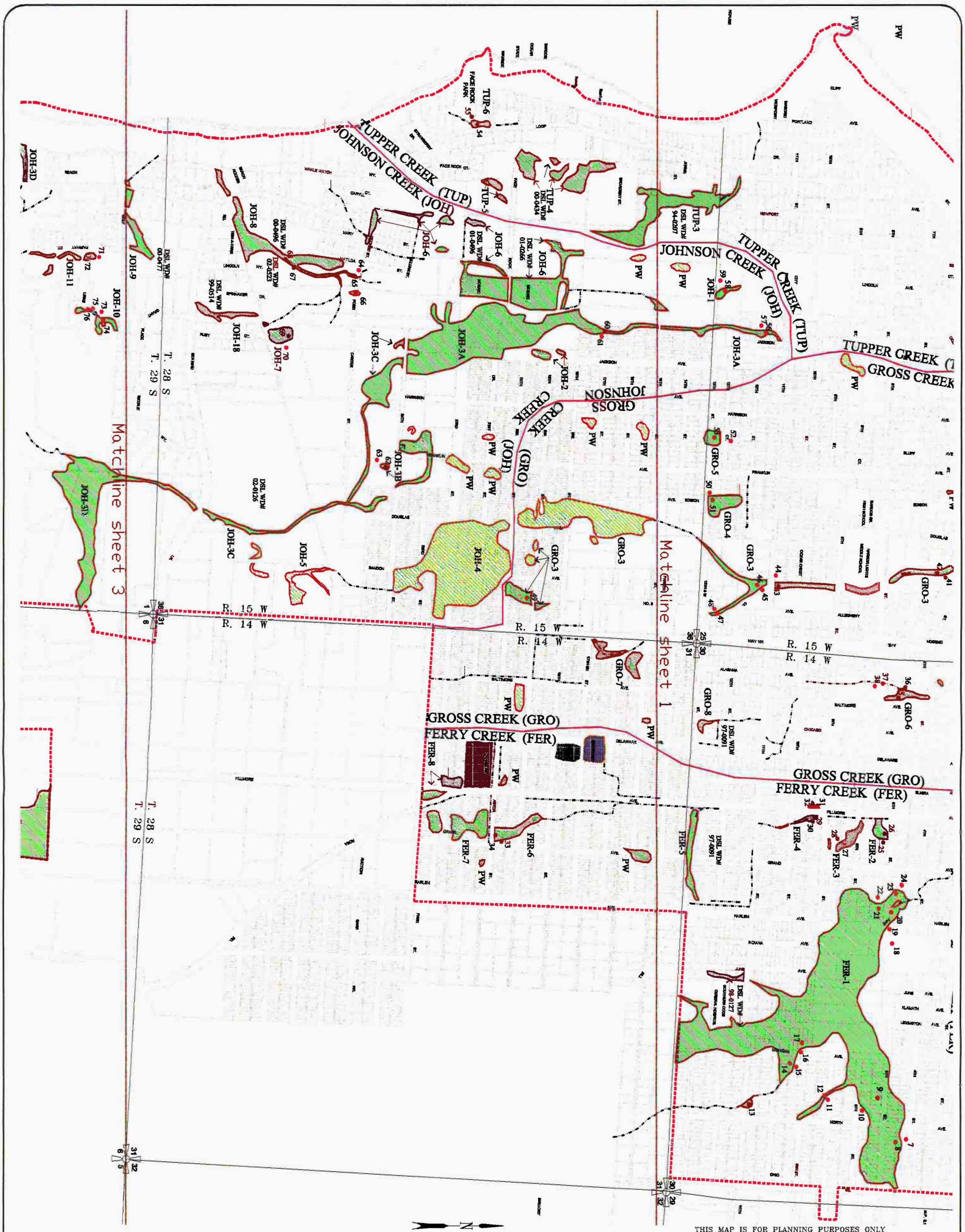
This map has NOT been approved by the wetland regulatory agencies for permitting purposes. You are advised to contact the Oregon Division of State Lands and the U.S. Army Corps of Engineers with any regulatory questions. There may be additional wetlands within the study area that have not been identified. All wetlands, whether mapped or not, may be subject to Federal and State permit requirements. There may also be areas of non-wetland within areas identified as wetlands on this map. In all cases, Federal and State agencies will use actual field conditions, rather than this map, to determine wetland boundaries.

DATE: March, 2003
BASE MAP INFO: Supplied by City of Bandon
JOB NO.: 2395

Bandon
Local Wetlands Inventory

Pacific Habitat Services, Inc.
9450 SW Commerce Circle, Suite 180
Wilsonville, Oregon 97070
Phone: (503) 570-0800

Figure 4A



Funding for this project was provided by the Oregon Division of State Lands, Wetlands program. This grant program was supported by funding from the Oregon Watershed Enhancement Board.

THIS MAP IS FOR PLANNING PURPOSES ONLY
WETLAND BOUNDARIES ARE APPROXIMATE
AND SUBJECT TO CHANGE

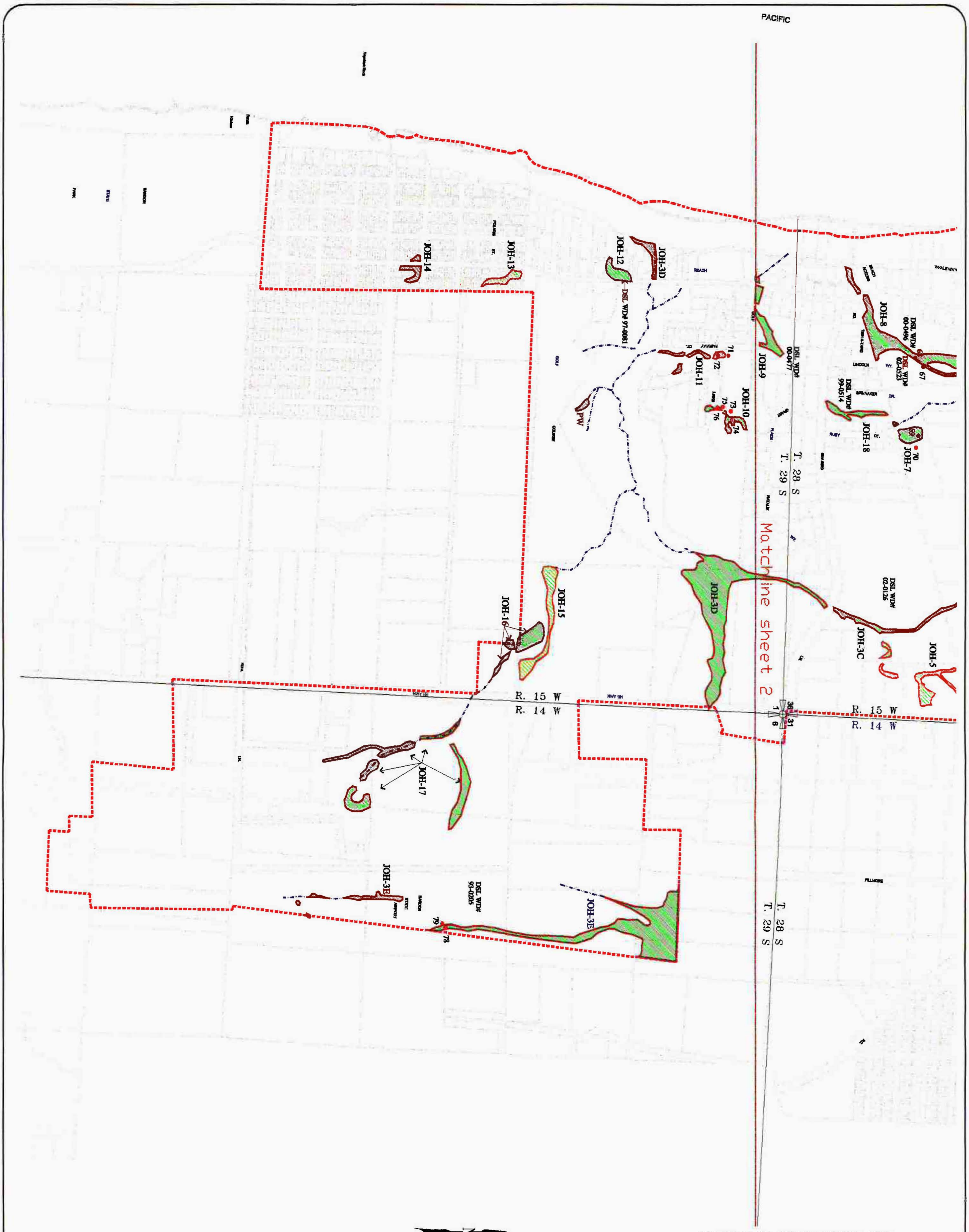
This map has NOT been approved by the wetland regulatory agencies for permitting purposes. You are advised to contact the Oregon Division of State Lands and the U.S. Army Corps of Engineers with any regulatory questions. There may be additional wetlands within the study area that have not been identified. All wetlands, whether mapped or not, may be subject to Federal and State permit requirements. There may also be areas of non-wetland within areas identified as wetlands on this map. In all cases, Federal and State agencies will use actual field conditions, rather than this map, to determine wetland boundaries.

DATE: March, 2003
BASE MAP INFO: Supplied by City of Bandon
JOB NO.: 2395

Bandon
Local Wetlands Inventory

Pacific Habitat Services, Inc.
9450 SW Commerce Circle, Suite 180
Wilsonville, Oregon 97070
Phone: (503) 570-0800

Figure 4B



Watershed Boundary
Project Boundary/UGB
Potentially Jurisdictional Creeks/drainages
Sample Point 58
Wetland Code TUP-1

Potentially Jurisdictional Wetland (not Field Verified)
Potentially Jurisdictional Wetland (Field Verified)
Potentially Jurisdictional Other Waters
Probable Wetland PW

GRAPHIC SCALE

400 0 200 400 800 1600

Scale in Feet

Funding for this project was provided by the Oregon Division of State Lands, Wetlands program. This grant program was supported by funding from the Oregon Watershed Enhancement Board.

THIS MAP IS FOR PLANNING PURPOSES ONLY
WETLAND BOUNDARIES ARE APPROXIMATE
AND SUBJECT TO CHANGE

This map has NOT been approved by the wetland regulatory agencies for permitting purposes. You are advised to contact the Oregon Division of State Lands and the U.S. Army Corps of Engineers with any regulatory questions. There may be additional wetlands within the study area that have not been identified. All wetlands, whether mapped or not, may be subject to Federal and State permit requirements. There may also be areas of non-wetland within areas identified as wetlands on this map. In all cases, Federal and State agencies will use actual field conditions, rather than this map, to determine wetland boundaries.

DATE: March, 2003
BASE MAP INFO: Supplied by City of Bandon
JOB NO.: 2395

Bandon
Local Wetlands Inventory

Pacific Habitat Services, Inc.
9450 SW Commerce Circle, Suite 180
Wilsonville, Oregon 97070
Phone: (503) 570-0800

Figure 4C

Appendix B

Wetland Characterization Sheets



Wetland Characterization Sheet

Project Name: Bandon Local Wetland Inventory

		Wetland Code:	SIM-1
Date(s) of field work:	OFF-SITE	Size (acres):	2.36
Data Sheet Numbers:	N/A	Cowardin Class(es):	PSS, PEM
Investigator(s):	SE/FS	HGM Class(es):	VS/RFT

Location -- Legal:	T. 28S, R. 14W, Section 19
Other:	Highway 101 west to Riverside Drive, north of Austin Avenue.
Tax Lots:	2100 (DA), 100 (DB)
Hydrologic basin:	Simpson Creek
Soil -- Mapped series:	Bullards sandy loam, Heceta fine sand, Waldport fine sand
Hydrologic Source:	Surface water

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
Picea sitchensis	Sitka Spruce	*Carex obnupta*	Slough Sedge
Salix hookeriana	Hooker Willow	*Equisetum arvense*	Field Horsetail
Rubus parviflorus	Thimble-Berry		
Rubus spectabilis	Salmonberry		
Rubus discolor	Himalayan Blackberry		
Alnus rubra	Red Alder		

Comments: **Locally Significant Wetland**

OFF-SITE. Perennial creek (Simpson Creek) with adjacent wetlands (total extent unknown due to lack of access). Wetland areas are approximately 80% scrub/shrub and 20% emergent. The northern half of this wetland lies outside of the urban growth boundary. Hydrologically connected to SIM-2 to the east via a culvert under Highway 101.

Adjacent upland species: Pinus contorta, Alnus rubra, Cytisus scoparius, Rubus discolor, Rubus ursinus

COWARDIN CODES:	E2FO = estuarine forested	E2SS = estuarine scrub shrub	E2EM = estuarine emergent
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	POW = palustrine open water
HGM CODES:	EFB = Estuarine Fringe Embayment	EFR = Estuarine Fringe Riverine	RFT = Riverine Flow Through
RI = River Impounding	LFH = Lacustrine Fringe Headwater	LFV = Lacustrine Fringe Valley	DB = Depressional Bog
DA- Depressional Alkaline	DO = Depressional Outflow	DCP = Depressional Closed Permanent	DCNP = Depressional Nonpermanent
HS = Headwater Slope	VS = Valley Slope	FL = Flats	

Wetland Characterization Sheet

Project Name: Bandon Local Wetland Inventory

		Wetland Code:	SIM-2
Date(s) of field work:	5/9/02	Size (acres):	6.61
Data Sheet Numbers:	N/A	Cowardin Class(es):	PSS, PEM, POW
Investigator(s):	SE/FS	HGM Class(es):	RI

Location -- Legal:	T. 28S, R. 14W, Sections 19 DA
Other:	Ferry Road, east of Highway 101.
Tax Lots:	519, 100, 200, 300, 201, (DA)
Hydrologic basin:	Simpson Creek
Soil -- Mapped series:	Bullards sandy loam
Hydrologic Source:	Surface water

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
Alnus rubra	Red Alder	*Equisetum arvense*	Field Horsetail
Lonicera involucrata	Bearberry Honeysuckle	*Juncus effusus*	Soft Rush
Gaultheria shallon	Salal	*Lysichiton americanum*	American Skunk-Cabbage
Salix scouleriana	Scouler Willow	*Carex obnupta*	Slough Sedge
		Scirpus microcarpus	Small-Fruit Bulrush
		Phalaris arundinacea	Reed Canary Grass
		Sparganium sp.	Burreed
		Potamogeton natans	Floating-Leaf Pondweed
		Nuphar luteum	Yellow Cow-Lily

Comments: **Locally Significant Wetland**

PARTIAL ON-SITE. No opportunity for data pits. Edge of open water is edge of wetland. Simpson Creek is impounded by an earthen weir/dam with a water control structure, that controls flow out of the wetland. Hydrologically connected to SIM-1 via a culvert under Highway 101. Wetland is a combination of palustrine open water (50%), emergent (40), and scrub shrub (10).

Adjacent upland species: Pinus contorta, Rhamnus purshiana, Alnus rubra, Gaultheria shallon, Myrica californica, Rubus parviflorus, Polystichum munitum, Cytisus scoparius, Rubus ursinus, Festuca arundinacea, Anthoxanthum odoratum, Equisetum arvense, Sambucus racemosa, Plantago lanceolata, Holcus lanatus

COWARDIN CODES:	E2FO = estuarine forested	E2SS = estuarine scrub shrub	E2EM = estuarine emergent
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	POW = palustrine open water
HGM CODES:	EFB = Estuarine Fringe Embayment	EFR = Estuarine Fringe Riverine	RFT = Riverine Flow Through
RI = River Impounding	LFH = Lacustrine Fringe Headwater	LFV = Lacustrine Fringe Valley	DB = Depressional Bog
DA- Depressional Alkaline	DO = Depressional Outflow	DCP = Depressional Closed Permanent	DCNP = Depressional Nonpermanent
HS = Headwater Slope	VS = Valley Slope	FL = Flats	

Wetland Characterization Sheet

Project Name: Bandon Local Wetland Inventory

		Wetland Code:	SIM-3
Date(s) of field work:	5/8/02	Size (acres):	0.19
Data Sheet Numbers:	1, 2, 3, 4	Cowardin Class(es):	PFO, PEM, POW
Investigator(s):	SE/FS	HGM Class(es):	RFT, RI

Location -- Legal:	T. 28S, R. 14W, Sections 19 and 20 DD
Other:	Spring Creek from Ohio St. at 5th St, northwest to Hwy. 101.
Tax Lots:	400, 519 (DD)
Hydrologic basin:	Simpson Creek
Soil -- Mapped series:	Bullards sandy loam
Hydrologic Source:	Surface flow, groundwater

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
Alnus rubra	Red Alder	*Carex obnupta*	Slough Sedge
Salix hookeriana	Hooker Willow	*Equisetum arvense*	Field Horsetail
Picea sitchensis	Sitka Spruce	*Lysichiton americanum*	American Skunk-Cabbage
Rubus spectabilis	Salmonberry	*Athyrium filix-femina*	Subarctic Lady Fern
Lonicera involucrata	Bearberry Honeysuckle	*Juncus effusus*	Soft Rush
		Veronica americana	American Speedwell
		Scirpus microcarpus	Small-Fruit Bulrush

Comments: **Locally Significant Wetland**

Perennial creek (Spring Creek) with variable adjacent wetlands. Flows through a primarily undeveloped residential area which remains forested. Wetlands are mostly forested (60%), but the north end near Hwy 101 includes both emergent (30%) and open water (10%) wetlands created by a dam across the creek. Hydrologically connected to SIM-4 downstream via a culvert under Highway 101.

Adjacent upland species: Pseudotsuga menziesii, Alnus rubra, Salix spp., Sambucus racemosa, Rubus spectabilis, Rubus ursinus, Rubus discolor, Gaultheria shallon, Rhamnus purshiana, Polystichum munitum, Dicentra formosa, Pteridium aquilinum, Phalaris arundinacea, Maianthemum dilatatum

COWARDIN CODES:	E2FO = estuarine forested	E2SS = estuarine scrub shrub	E2EM = estuarine emergent
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	POW = palustrine open water
HGM CODES:	EFB = Estuarine Fringe Embayment	EFR = Estuarine Fringe Riverine	RFT = Riverine Flow Through
RI = River Impounding	LFH = Lacustrine Fringe Headwater	LFV = Lacustrine Fringe Valley	DB = Depressional Bog
DA- Depressional Alkaline	DO = Depressional Outflow	DCP = Depressional Closed Permanent	DCNP = Depressional Nonpermanent
HS = Headwater Slope	VS = Valley Slope	FL = Flats	

Wetland Characterization Sheet

Project Name: Bandon Local Wetland Inventory

		Wetland Code:	SIM-4
Date(s) of field work:	OFF-SITE	Size (acres):	0.38
Data Sheet Numbers:	N/A	Cowardin Class(es):	PFO, PSS
Investigator(s):	SE/FS	HGM Class(es):	RFT, RI

Location -- Legal:	T. 28S, R. 14W, Section 19 DB, DC
Other:	Highway 101 west to Riverside Drive.
Tax Lots:	602 (BD), 200 (DC)
Hydrologic basin:	Simpson Creek
Soil -- Mapped series:	Bullards sandy loam, Waldport fine sand
Hydrologic Source:	Surface water

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
Picea sitchensis	Sitka Spruce	*Carex obnupta*	Slough Sedge
Salix hookeriana	Hooker Willow	*Equisetum arvense*	Field Horsetail
Rubus parviflorus	Thimble-Berry		
Rubus spectabilis	Salmonberry		
Rubus discolor	Himalayan Blackberry		
Alnus rubra	Red Alder		

Comments: **Locally Significant Wetland**

OFF-SITE. Small perennial creek (Spring Creek) with variable adjacent wetlands (total extent unknown due to lack of access). Wetland areas are estimated to be 30% forested and 70% scrub/shrub. Creek flows through a 36 inch culvert under Riverside Drive. The culvert has a ten inch outfall drop and may not be fish passable most of the year. Hydrologically connected to SIM-3 to the east via a culvert under Highway 101.

Adjacent upland species: Pinus contorta, Alnus rubra, Cytisus scoparius, Rubus discolor, Rubus ursinus

COWARDIN CODES:	E2FO = estuarine forested	E2SS = estuarine scrub shrub	E2EM = estuarine emergent
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	POW = palustrine open water
HGM CODES:	EFB = Estuarine Fringe Embayment	EFR = Estuarine Fringe Riverine	RFT = Riverine Flow Through
RI = River Impounding	LFH = Lacustrine Fringe Headwater	LFV = Lacustrine Fringe Valley	DB = Depressional Bog
DA- Depressional Alkaline	DO = Depressional Outflow	DCP = Depressional Closed Permanent	DCNP = Depressional Nonpermanent
HS = Headwater Slope	VS = Valley Slope	FL = Flats	

Wetland Characterization Sheet

Project Name: Bandon Local Wetland Inventory

		Wetland Code:	SIM-5
Date(s) of field work:	5/8/02	Size (acres):	5.80
Data Sheet Numbers:	5, 6	Cowardin Class(es):	PFO, PEM
Investigator(s):	SE/FS	HGM Class(es):	DO

Location -- Legal:	T. 28 S, R. 14 W, Section 19 AB, DC
Other:	East of Riverside Drive, west of Michigan Avenue
Tax Lots:	2100, 600, 800, 1100, 1000, 2300, 2000, 900, 1900, 300, 400 (AB)
	700, 1000, 1200, 1400 (DC)
Hydrologic basin:	Simpson Creek
Soil -- Mapped series:	Waldport fine sand, Bullards sandy loam
Hydrologic Source:	Groundwater, surface water

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
Alnus rubra	Red Alder	*Lysichiton americanum*	American Skunk-Cabbage
Picea sitchensis	Sitka Spruce	*Athyrium filix-femina*	Subarctic Lady Fern
Rubus spectabilis	Salmonberry	*Cardamine sp.*	Bittercress
Sambucus racemosa	Red Elderberry	*Oenanthe sarmentosa*	Water-Parsley
Rhamnus purshiana	Cascara Buckthorn	*Erechtites minima*	Burnweed
Myrica californica	Pacific Wax-Myrtle	*Maianthemum dilatatum*	False Lily-Of-The-Valley
		Equisetum arvense	Field Horsetail
		Carex obnupta	Slough Sedge

Comments: **Locally Significant Wetland**

Simpson Creek wetlands east of Riverside Drive. Wetland is located at the base of steep slope to the east and is fed by perennial springs at the base of slope. According to adjacent owner, Simpson Creek used to flow through this area, before being diverted across Riverside Drive, to the north. Wetland is primarily forested (90%) with a small percentage of emergent (10%) areas.

Adjacent Upland Species: Picea sitchensis, Sambucus racemosa, Rubus spectabilis, Vaccinium parvifolium, Blechnum spicant, Hedera helix, Polystichum munitum, Maianthemum dilatatum.

COWARDIN CODES:	E2FO = estuarine forested	E2SS = estuarine scrub shrub	E2EM = estuarine emergent
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	POW = palustrine open water
HGM CODES:	EFB = Estuarine Fringe Embayment	EFR = Estuarine Fringe Riverine	RFT = Riverine Flow Through
RI = River Impounding	LFH = Lacustrine Fringe Headwater	LFV = Lacustrine Fringe Valley	DB = Depressional Bog
DA- Depressional Alkaline	DO = Depressional Outflow	DCP = Depressional Closed Permanent	DCNP = Depressional Nonpermanent
HS = Headwater Slope	VS = Valley Slope	FL = Flats	

Wetland Characterization Sheet

Project Name: Bandon Local Wetland Inventory

		Wetland Code:	**SIM-6**
Date(s) of field work:	**OFF-SITE**	Size (acres):	**1.17**
Data Sheet Numbers:	**N/A**	Cowardin Class(es):	**PFO, PSS, PEM**
Investigator(s):	**FS/ME**	HGM Class(es):	**VS**

Location -- Legal:	**T. 28S, R. 14W, Section 30 BD**
Other:	**Southeast of Riverside Drive, north of Caroline Street**
Tax Lots:	**300, 600, 800, 700, 1400, 1900 (BD)**
Hydrologic basin:	**Simpson Creek**
Soil -- Mapped series:	**Bullards sandy loam and Waldport fine sand**
Hydrologic Source:	**Groundwater, surface water**

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
Alnus rubra	**Red Alder**	***Carex obnupta***	**Slough Sedge**
Salix hookeriana	**Hooker Willow**	***Lysichiton americanum***	**American Skunk-Cabbage**
Lonicera involucrata	**Bearberry Honeysuckle**	***Athyrium filix-femina***	**Subarctic Lady Fern**
Rubus spectabilis	**Salmonberry**		

Comments: **Locally Significant Wetland**

OFF-SITE. The wetland is a palustrine forested (45%)/scrub/shrub (35%)/emergent (20%) system located at the bottom of a steep slope east of Riverside Drive. Outflows are culverted beneath Riverside Drive to roadside ditch on west.

Adjacent upland species: Pinus contorta, Alnus rubra, Pseudotsuga menziesii, Rubus spp., Gaultheria shallon

COWARDIN CODES:	E2FO = estuarine forested	E2SS = estuarine scrub shrub	E2EM = estuarine emergent
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	POW = palustrine open water
HGM CODES:	EFB = Estuarine Fringe Embayment	EFR = Estuarine Fringe Riverine	RFT = Riverine Flow Through
RI = River Impounding	LFH = Lacustrine Fringe Headwater	LFV = Lacustrine Fringe Valley	DB = Depressional Bog
DA- Depressional Alkaline	DO = Depressional Outflow	DCP = Depressional Closed Permanent	DCNP = Depressional Nonpermanent
HS = Headwater Slope	VS = Valley Slope	FL = Flats	

Wetland Characterization Sheet

Project Name: Bandon Local Wetland Inventory

		Wetland Code:	FER-1
Date(s) of field work:	10/2/2002, 4/1/02	Size (acres):	42.49
Data Sheet Numbers:	7-24	Cowardin Class(es):	PEM, PSS, PFO
Investigator(s):	PF, JVS	HGM Class(es):	RFT, VS

Location -- Legal:	T. 28S, R. 14W, Section 30, DC, CA, DA, DB, DD
Other:	Ferry Creek south of Hwy. 101
Tax Lots:	See Back
Hydrologic basin:	Ferry Creek
Soil -- Mapped series:	Willanch fine sandy loam
Hydrologic Source:	Surface water, groundwater, precipitation

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
Alnus rubra	Red Alder	*Carex obnupta*	Slough Sedge
Picea sitchensis	Sitka Spruce	*Lysichiton americanum*	American Skunk-Cabbage
Lonicera involucrata	Bearberry Honeysuckle	*Oenanthe sarmentosa*	Water-Parsley
Sambucus racemosa	Red Elderberry	*Scirpus microcarpus*	Small-Fruit Bulrush
Rubus spectabilis	Salmonberry	*Phalaris arundinacea*	Reed Canary Grass
		Stachys cooleyae	Cooley's Hedgenettle
		Athyrium filix-femina	Subarctic Lady Fern
		Equisetum arvense	Field Horsetail
		Holcus lanatus	Common Velvet Grass
		Maianthemum dilatatum	False Lily-Of-The-Valley

Comments: **Locally Significant Wetland, Special Interest for Protection**

PARTIAL ON-SITE. Large Ferry Creek wetland floodplain complex located south and east of Highway 101. Steep hillsides, mostly forested with residential development on top of plateaus. Ferry Creek is a perennial stream and Essential Salmonid Habitat. Drains north to Coquille River. Partially channelized downstream of 3rd Street. Wetland is mix of forested (45%), scrub shrub (30%), and emergent (25%).

Adjacent Upland Species: Rhamnus purshiana, Gaultheria shallon, Polystichum munitum, Rubus ursinus, Oxalis sp., Vicia gigantea

COWARDIN CODES:	E2FO = estuarine forested	E2SS = estuarine scrub shrub	E2EM = estuarine emergent
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	POW = palustrine open water
HGM CODES:	EFB = Estuarine Fringe Embayment	EFR = Estuarine Fringe Riverine	RFT = Riverine Flow Through
RI = River Impounding	LFH = Lacustrine Fringe Headwater	LFV = Lacustrine Fringe Valley	DB = Depressional Bog
DA- Depressional Alkaline	DO = Depressional Outflow	DCP = Depressional Closed Permanent	DCNP = Depressional Nonpermanent
HS = Headwater Slope	VS = Valley Slope	FL = Flats	

Wetland Characterization Sheet

Project Name: Bandon Local Wetland Inventory

		Wetland Code:	FER-2
Date(s) of field work:	9/24/02	Size (acres):	0.44
Data Sheet Numbers:	25, 26	Cowardin Class(es):	PSS, PEM
Investigator(s):	SE/ME	HGM Class(es):	DCP

Location -- Legal:	T. 28S, R. 14W, Section 30 CA
Other:	South of 5th Street, East of Fillmore Avenue, West of Grand
Tax Lots:	6600, 7000, 6700, 6800, 6900 (CA)
Hydrologic basin:	Ferry Creek
Soil -- Mapped series:	Bullards sandy loam
Hydrologic Source:	Precipitation

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
Salix hookeriana	Hooker Willow	*Carex obnupta*	Slough Sedge
		Oenanthe sarmentosa	Water-Parsley

Comments: **Locally Significant Wetland**

Depressional palustrine scrub/shrub (90%) wetland dominated by Salix hookeriana with a palustrine emergent (10%) community located in an undeveloped area. The wetland is located downslope of FER-3. Actual ground surface in the wetland is 90% bare ground. The area is zoned as residential.

Adjacent upland species: Alnus rubra, Pinus contorta, Rubus parviflorus, Sambucus racemosa, Rosa sp., Polystichum munitum, Equisetum arvense, Hedera helix

COWARDIN CODES:	E2FO = estuarine forested	E2SS = estuarine scrub shrub	E2EM = estuarine emergent
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	POW = palustrine open water
HGM CODES:	EFB = Estuarine Fringe Embayment	EFR = Estuarine Fringe Riverine	RFT = Riverine Flow Through
RI = River Impounding	LFH = Lacustrine Fringe Headwater	LFV = Lacustrine Fringe Valley	DB = Depressional Bog
DA- Depressional Alkaline	DO = Depressional Outflow	DCP = Depressional Closed Permanent	DCNP = Depressional Nonpermanent
HS = Headwater Slope	VS = Valley Slope	FL = Flats	

Wetland Characterization Sheet

Project Name: Bandon Local Wetland Inventory

		Wetland Code:	FER-3
Date(s) of field work:	9/24/02	Size (acres):	0.60
Data Sheet Numbers:	27, 28	Cowardin Class(es):	PFO, PSS, PEM
Investigator(s):	SE/ME	HGM Class(es):	DCNP

Location -- Legal:	T. 28S, R. 14W, Section 30 CA
Other:	East of Fillmore Avenue, north and south of 6th Street
Tax Lots:	8700, 8800, 9600, 9100, 6600, 7000 (CA)
Hydrologic basin:	Ferry Creek
Soil -- Mapped series:	Bullards sandy loam
Hydrologic Source:	Precipitation

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
Alnus rubra	Red Alder	*Rubus ursinus*	California Dewberry
Rhamnus purshiana	Cascara Buckthorn	*Carex obnupta*	Slough Sedge
Vaccinium ovatum	Evergreen Huckleberry	*Lysichiton americanum*	American Skunk-Cabbage
Salix hookeriana	Hooker Willow	*Athyrium filix-femina*	Subarctic Lady Fern
		Blechnum spicant	Deer Fern
		Equisetum arvense	Field Horsetail

Comments: **Locally Significant Wetland**

The wetland includes palustrine forested (40%), scrub/shrub (10%), and emergent (45%) communities located on a hillslope in an undeveloped area. This wetland may have historically been connected to the FER-2 system. The area is zoned as residential; however, there are no existing houses.

Adjacent upland species: Chamaecyparis lawsoniana, Alnus rubra, Vaccinium ovatum, Polystichum munitum, Athyrium filix-femina, Maianthemum dilatatum

COWARDIN CODES:	E2FO = estuarine forested	E2SS = estuarine scrub shrub	E2EM = estuarine emergent
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	POW = palustrine open water
HGM CODES:	EFB = Estuarine Fringe Embayment	EFR = Estuarine Fringe Riverine	RFT = Riverine Flow Through
RI = River Impounding	LFH = Lacustrine Fringe Headwater	LFV = Lacustrine Fringe Valley	DB = Depressional Bog
DA- Depressional Alkaline	DO = Depressional Outflow	DCP = Depressional Closed Permanent	DCNP = Depressional Nonpermanent
HS = Headwater Slope	VS = Valley Slope	FL = Flats	

Wetland Characterization Sheet

Project Name: Bandon Local Wetland Inventory

		Wetland Code:	FER-4
Date(s) of field work:	9/24/02	Size (acres):	0.24
Data Sheet Numbers:	29, 30, 31, 32	Cowardin Class(es):	PFO, PSS, PEM
Investigator(s):	SE/ME	HGM Class(es):	RFT/VS

Location -- Legal:	T. 28S, R. 14W, Section 30 CD
Other:	East of Fillmore Avenue, between 9th and 11th Streets
Tax Lots:	3302, 3300, 2000, 1801, 1700 (CD)
Hydrologic basin:	Ferry Creek
Soil -- Mapped series:	Bullards sandy loam
Hydrologic Source:	Precipitation

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
Alnus rubra	Red Alder	*Lysichiton americanum*	American Skunk-Cabbage
Salix hookeriana	Hooker Willow	*Phalaris arundinacea*	Reed Canary Grass
Lonicera involucrata	Bearberry Honeysuckle	*Athyrium filix-femina*	Subarctic Lady Fern
		Oenanthe sarmentosa	Water-Parsley
		Equisetum arvense	Field Horsetail
		Scirpus microcarpus	Small-Fruit Bulrush

Comments: **Locally Significant Wetland**

Palustrine forested (15%), scrub/shrub (45%), emergent (40%) communities located in the bottom of a hillslope in an undeveloped area. There is a channel that flows through the wetland and is culverted under several roads. This wetland may have historically been connected to the FER-3 and FER-2 system. The area is zoned as residential; however, there are no existing houses.

Adjacent upland species: Alnus rubra, Vaccinium ovatum, Sambucus racemosa, Prunus sp., Rubus spectabilis, Rhamnus purshiana, Rubus discolor, Rubus ursinus, Hedera helix, Polystichum munitum, Maianthemum dilatatum

COWARDIN CODES:	E2FO = estuarine forested	E2SS = estuarine scrub shrub	E2EM = estuarine emergent
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	POW = palustrine open water
HGM CODES:	EFB = Estuarine Fringe Embayment	EFR = Estuarine Fringe Riverine	RFT = Riverine Flow Through
RI = River Impounding	LFH = Lacustrine Fringe Headwater	LFV = Lacustrine Fringe Valley	DB = Depressional Bog
DA- Depressional Alkaline	DO = Depressional Outflow	DCP = Depressional Closed Permanent	DCNP = Depressional Nonpermanent
HS = Headwater Slope	VS = Valley Slope	FL = Flats	

Wetland Characterization Sheet

Project Name: Bandon Local Wetland Inventory

		Wetland Code:	FER-5
Date(s) of field work:	OFF-SITE	Size (acres):	1.02
Data Sheet Numbers:	N/A	Cowardin Class(es):	PEM, PSS
Investigator(s):	PF, JVS	HGM Class(es):	VS/FL

Location -- Legal:	T. 28S, R. 14W, Section 30, CD, BA
Other:	Old mill site, south of 11th, east of Rosa
Tax Lots:	5400 (CD), 200 (BA)
Hydrologic basin:	Ferry Creek
Soil -- Mapped series:	Blacklock fine sandy loam 0-3% slopes, Bullards sandy loam, 0-7% slopes
Hydrologic Source:	Precipitation, groundwater

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
Rubus spectabilis	Salmonberry	*Carex obnupta*	Slough Sedge
Picea sitchensis	Sitka Spruce	*Juncus acuminatus*	Taper-Tip Rush
		Oenanthe sarmentosa	Water-Parsley
		Rumex crispus	Curly Dock
		Holcus lanatus	Common Velvet Grass
		Polygonum sp.	knotweed
		Ranunculus repens	Creeping Butter-Cup

Comments: **Locally Significant Wetland**

OFF-SITE. Old Douglas Pacific mill site. Previous determination DSL Det.#97-0091. Old remnant log decks and piles of wood debris across most of site with the exception of the southern area outside a berm determined by Division of State Lands to be jurisdictional. Drains to roadside ditch along Rosa Road that flows north. Extends into tax lot to south of old mill property. Palustrine scrub shrub (85%) and palustrine emergent (15%).

Adjacent Upland Species: Rubus discolor, Cytisus scoparius

COWARDIN CODES:	E2FO = estuarine forested	E2SS = estuarine scrub shrub	E2EM = estuarine emergent
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	POW = palustrine open water
HGM CODES:	EFB = Estuarine Fringe Embayment	EFR = Estuarine Fringe Riverine	RFT = Riverine Flow Through
RI = River Impounding	LFH = Lacustrine Fringe Headwater	LFV = Lacustrine Fringe Valley	DB = Depressional Bog
DA- Depressional Alkaline	DO = Depressional Outflow	DCP = Depressional Closed Permanent	DCNP = Depressional Nonpermanent
HS = Headwater Slope	VS = Valley Slope	FL = Flats	

Wetland Characterization Sheet

Project Name: Bandon Local Wetland Inventory

		Wetland Code:	FER-6
Date(s) of field work:	4/1/02	Size (acres):	0.94
Data Sheet Numbers:	33, 34	Cowardin Class(es):	PEM, PSS
Investigator(s):	PF, JVS	HGM Class(es):	VS/RFT

Location -- Legal:	**T. 28S, R. 14W, Section 31, BD**
Other:	**East of Rosa Road and north of Astor Lane**
Tax Lots:	**1200, 400, 300, 1400, 1201 (BD)**
Hydrologic basin:	**Ferry Creek**
Soil -- Mapped series:	**Blacklock fine sandy loam 0-3% slopes**
Hydrologic Source:	**Precipitation, groundwater**

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
Rubus spectabilis	**Salmonberry**	***Lotus corniculatus***	**Birds-Foot Trefoil**
Salix hookeriana	**Hooker Willow**	***Potentilla anserina***	**Silverweed**
Rosa eglanteria	**Sweetbrier**	***Phalaris arundinacea***	**Reed Canary Grass**
		Alopecurus pratensis	**Meadow Foxtail**
		Ranunculus repens	**Creeping Butter-Cup**

Comments:

PARTIAL ON-SITE access. Palustrine emergent (35%) and scrub shrub wetland (65%). Drains north to small channel at back of houses along Rosa Road. Possibly hydrologically connected to FER-7.

Adjacent Upland Species: Rubus discolor, Erichtites minima, Ilex aquifolium

COWARDIN CODES:	E2FO = estuarine forested	E2SS = estuarine scrub shrub	E2EM = estuarine emergent
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	POW = palustrine open water
HGM CODES:	EFB = Estuarine Fringe Embayment	EFR = Estuarine Fringe Riverine	RFT = Riverine Flow Through
RI = River Impounding	LFH = Lacustrine Fringe Headwater	LFV = Lacustrine Fringe Valley	DB = Depressional Bog
DA- Depressional Alkaline	DO = Depressional Outflow	DCP = Depressional Closed Permanent	DCNP = Depressional Nonpermanent
HS = Headwater Slope	VS = Valley Slope	FL = Flats	

Wetland Characterization Sheet

Project Name: Bandon Local Wetland Inventory

		Wetland Code:	FER-7
Date(s) of field work:	OFF-SITE	Size (acres):	1.91
Data Sheet Numbers:	N/A	Cowardin Class(es):	PEM
Investigator(s):	PF, JVS	HGM Class(es):	DCNP

Location -- Legal:	**T. 28S, R. 14W, Section 31, BD**
Other:	**East of Rosa Road and south of Astor Lane**
Tax Lots:	**2500, 2400, 2200, 2300, 3000 (BD)**
Hydrologic basin:	**Ferry Creek**
Soil -- Mapped series:	**Blacklock fine sandy loam 0-3% slopes**
Hydrologic Source:	**Precipitation, groundwater**

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
		Juncus effusus	Soft Rush

Comments:

OFF-SITE. Disturbed site, recently scraped or cleared. Several depressions appear to pond water. Possibly hydrologically connected to FER-6.

Adjacent Upland Species: Ulex europaeus, Cytisus scoparius

COWARDIN CODES:	E2FO = estuarine forested	E2SS = estuarine scrub shrub	E2EM = estuarine emergent
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	POW = palustrine open water
HGM CODES:	EFB = Estuarine Fringe Embayment	EFR = Estuarine Fringe Riverine	RFT = Riverine Flow Through
RI = River Impounding	LFH = Lacustrine Fringe Headwater	LFV = Lacustrine Fringe Valley	DB = Depressional Bog
DA- Depressional Alkaline	DO = Depressional Outflow	DCP = Depressional Closed Permanent	DCNP = Depressional Nonpermanent
HS = Headwater Slope	VS = Valley Slope	FL = Flats	

Wetland Characterization Sheet

Project Name: Bandon Local Wetland Inventory

		Wetland Code:	**FER-8**
Date(s) of field work:	**OFF-SITE**	Size (acres):	**0.71**
Data Sheet Numbers:	**N/A**	Cowardin Class(es):	**PSS, PEM**
Investigator(s):	**PF, JVS**	HGM Class(es):	**DO**

Location -- Legal:	**T. 28S, R. 14W, Section 31, BD, BC**
Other:	**West of Rosa Road and north of Auction Barn Road**
Tax Lots:	**3000, 2500 (BD), 3700 (BC)**
Hydrologic basin:	**Ferry Creek**
Soil -- Mapped series:	**Blacklock fine sandy loam 0-3% slopes**
Hydrologic Source:	**Precipitation, groundwater**

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
Rubus spectabilis	**Salmonberry**	***Lotus corniculatus***	**Birds-Foot Trefoil**
Salix hookeriana	**Hooker Willow**	***Ranunculus repens***	**Creeping Butter-Cup**
		Carex obnupta	**Slough Sedge**

Comments:

OFF-SITE. Two wetland areas separated by road. One is palustrine scrub shrub wetland (0.32 acre) surrounded by roads and other is palustrine emergent area (0.39 acre) to west of Rosa Road. Cranberry pond being developed just north of site.

Adjacent Upland Species: Rubus discolor, Ulex europaeus, Cytisus scoparius

COWARDIN CODES:	E2FO = estuarine forested	E2SS = estuarine scrub shrub	E2EM = estuarine emergent
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	POW = palustrine open water
HGM CODES:	EFB = Estuarine Fringe Embayment	EFR = Estuarine Fringe Riverine	RFT = Riverine Flow Through
RI = River Impounding	LFH = Lacustrine Fringe Headwater	LFV = Lacustrine Fringe Valley	DB = Depressional Bog
DA- Depressional Alkaline	DO = Depressional Outflow	DCP = Depressional Closed Permanent	DCNP = Depressional Nonpermanent
HS = Headwater Slope	VS = Valley Slope	FL = Flats	

Wetland Characterization Sheet

Project Name: Bandon Local Wetland Inventory

		Wetland Code:	GRO-1
Date(s) of field work:	OFF-SITE	Size (acres):	1.36
Data Sheet Numbers:	N/A	Cowardin Class(es):	PSS, PEM
Investigator(s):	FS/ME	HGM Class(es):	VS, DCNP

Location -- Legal:	T. 28S, R. 15W, Section 25, AC
Other:	South side of Jetty Road, east of Irvington Avenue
Tax Lots:	2100, 2400, 6301, 6400, 5700, 6100 (AC)
Hydrologic basin:	Gross Creek
Soil -- Mapped series:	Bullards sandy loam
Hydrologic Source:	Precipitation

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
Salix hookeriana	Hooker Willow	*Carex obnupta*	Slough Sedge
Lonicera involucrata	Bearberry Honeysuckle	*Scirpus microcarpus*	Small-Fruit Bulrush
Rubus spectabilis	Salmonberry	*Oenanthe sarmentosa*	Water-Parsley
Salix sp.	Willow	*Stachys cooleyae*	Cooley's Hedgenettle
Sambucus racemosa	Red Elderberry	*Lysichiton americanum*	American Skunk-Cabbage
		Athyrium filix-femina	Subarctic Lady Fern

Comments: **Locally Significant Wetland**

OFF-SITE. Large palustrine scrub/shrub (90%) wetland with a small palustrine emergent (10%) component. This wetland is a low depressional area between the bottom of a steep slope and Jetty Road. Ponded water was located at the base of the slope.

Adjacent upland species: Pinus contorta, Pseudotsuga menziesii, Rubus discolor

COWARDIN CODES:	E2FO = estuarine forested	E2SS = estuarine scrub shrub	E2EM = estuarine emergent
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	POW = palustrine open water
HGM CODES:	EFB = Estuarine Fringe Embayment	EFR = Estuarine Fringe Riverine	RFT = Riverine Flow Through
RI = River Impounding	LFH = Lacustrine Fringe Headwater	LFV = Lacustrine Fringe Valley	DB = Depressional Bog
DA- Depressional Alkaline	DO = Depressional Outflow	DCP = Depressional Closed Permanent	DCNP = Depressional Nonpermanent
HS = Headwater Slope	VS = Valley Slope	FL = Flats	

Wetland Characterization Sheet

Project Name: Bandon Local Wetland Inventory

		Wetland Code:	**GRO-2**
Date(s) of field work:	**OFF-SITE**	Size (acres):	**0.35**
Data Sheet Numbers:	**N/A**	Cowardin Class(es):	**PFO, PSS, PEM**
Investigator(s):	**FS/ME**	HGM Class(es):	**RFT, VS**

Location -- Legal:	**T. 28S, R 15W, Section 25, AC**
Other:	**Between Edison and Franklin Ave., N of 4th St. and S of Jetty Rd.**
Tax Lots:	**2500 (AC)**
Hydrologic basin:	**Gross Creek**
Soil -- Mapped series:	**Bullards sandy loam**
Hydrologic Source:	**Precipitation, Groundwater, surface water**

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
Alnus rubra	**Red Alder**	***Lysichiton americanum***	**American Skunk-Cabbage**
Salix hookeriana	**Hooker Willow**	***Athyrium filix-femina***	**Subarctic Lady Fern**
Rubus spectabilis	**Salmonberry**		

Comments: **Locally Significant Wetland**

OFF-SITE. The wetland includes palustrine forested (35%), scrub/shrub (30%), and emergent (35%) communities that begin at the top of a steep slope. The wetland originates as a slope wetland with a minor riverine component (channel) in its upper reaches, narrowing to a channel only as it nears Jetty Rd. Flows are then culverted beneath Jetty Rd. and the old concrete plant site to the Coquille River.

Adjacent upland species: Cupressus macrocarpa, Pinus contorta, Alnus rubra, Hedera helix, Maianthemum dilataum.

COWARDIN CODES:	E2FO = estuarine forested	E2SS = estuarine scrub shrub	E2EM = estuarine emergent
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	POW = palustrine open water
HGM CODES:	EFB = Estuarine Fringe Embayment	EFR = Estuarine Fringe Riverine	RFT = Riverine Flow Through
RI = River Impounding	LFH = Lacustrine Fringe Headwater	LFV = Lacustrine Fringe Valley	DB = Depressional Bog
DA- Depressional Alkaline	DO = Depressional Outflow	DCP = Depressional Closed Permanent	DCNP = Depressional Nonpermanent
HS = Headwater Slope	VS = Valley Slope	FL = Flats	

Wetland Characterization Sheet

Project Name: Bandon Local Wetland Inventory

		Wetland Code:	**GRO-3**
Date(s) of field work:	**2/13/02; 4/18/02; 9/24/02**	Size (acres):	**10.96**
Data Sheet Numbers:	**39-49**	Cowardin Class(es):	**PFO, PSS, PEM**
Investigator(s):	**SE/FS/ME**	HGM Class(es):	**RFT, RI, VS**

Location -- Legal:	**T. 28S, R. 15W, Section 25 AD, DA, DD and Section 36, AA, AC, AD**
Other:	**Gross Creek - north from 20th Street W to Edison Avenue.**
Tax Lots:	**See Back**
Hydrologic basin:	**Gross Creek**
Soil -- Mapped series:	**Bullards sandy loam, Blacklock fine sandy loam**
Hydrologic Source:	**Surface water, groundwater, precipitation**

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
Pinus contorta	**Shore Pine**	***Juncus effusus***	**Soft Rush**
Salix hookeriana	**Hooker Willow**	***Epilobium watsonii***	**Watson's Willow-Herb**
Rubus spectabilis	**Salmonberry**	***Oenanthe sarmentosa***	**Water-Parsley**
Sambucus racemosa	**Red Elderberry**	***Lotus corniculatus***	**Birds-Foot Trefoil**
		Lysichiton americanum	**American Skunk-Cabbage**
		Carex obnupta	**Slough Sedge**
		Cardamine oligosperma	**Few-Seed Bitter-Cress**
		Phalaris arundinacea	**Reed Canary Grass**
		Athyrium filix-femina	**Subarctic Lady Fern**
		Scirpus microcarpus	**Small-Fruit Bulrush**

Comments: **Locally Significant Wetland**

Wetland includes Gross Creek and headwater area west of Highway 101. Forested (70%), scrub shrub (20%), and emergent (10%) wetland. North of 20th Street the headwater area drains into a defined channel south of 13th Street. Hydrologically connected via a long culvert to GRO-7, east of the highway.

Adjacent upland species: Picea sitchensis, Pinus contorta, Alnus rubra, Salix scouleriana, Salix hookeriana, Rubus spectabilis, Gaultheria shallon, Sambucus racemosa, Ribes sanguineum, Rubus parviflorus, Ulex europaeus, Ilex aquifolium, Rubus discolor, Hedera helix, Maiathemum dilatatum, Polystichum munitum, Festuca arundinacea, Epilobium angustifolium, Tellima grandiflora, Vicia gigantea, Holcus lanatus

COWARDIN CODES:	E2FO = estuarine forested	E2SS = estuarine scrub shrub	E2EM = estuarine emergent
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	POW = palustrine open water
HGM CODES:	EFB = Estuarine Fringe Embayment	EFR = Estuarine Fringe Riverine	RFT = Riverine Flow Through
RI = River Impounding	LFH = Lacustrine Fringe Headwater	LFV = Lacustrine Fringe Valley	DB = Depressional Bog
DA- Depressional Alkaline	DO = Depressional Outflow	DCP = Depressional Closed Permanent	DCNP = Depressional Nonpermanent
HS = Headwater Slope	VS = Valley Slope	FL = Flats	

Tax Lots for GRO-3

Township 28 South, Range 15 West, Sections 25 and 36

Section 25		
AD	DA	DD
2700	400	600
2800	1800	3800
5000	4603	4000
5001	6000	4001
6300		4600
6400		4801
6800		4901
		4902
		5100
		5600

Section 36		
AA	AC	AD
2700	100	100
3200	200	300
3300		1400
3400		1500
3402		1600
		2100
		2200
		2300
		2400
		2900
		3000

Wetland Characterization Sheet

Project Name: Bandon Local Wetland Inventory

		Wetland Code:	GRO-4
Date(s) of field work:	2/14/02	Size (acres):	1.05
Data Sheet Numbers:	50, 51	Cowardin Class(es):	PFO
Investigator(s):	SE/FS	HGM Class(es):	DCNP

Location -- Legal:	**T. 28S, R. 15W, Section 36, DD, DC**
Other:	**North of 13th Street, south of High School ball fields.**
Tax Lots:	**3300, 3600, 3500, 3400 (DD), 11100, 9000, 9100, 9200 (DC)**
Hydrologic basin:	**Gross Creek**
Soil -- Mapped series:	**Blacklock fine sandy loam**
Hydrologic Source:	**Precipitation, groundwater**

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
Pinus contorta	**Shore Pine**	***Carex obnupta***	**Slough Sedge**
Spiraea douglasii	**Douglas' Spiraea**	***Rubus ursinus***	**California Dewberry**
Malus fusca	**Pacific Crabapple**		
Lonicera involucrata	**Bearberry Honeysuckle**		
Rubus spectabilis	**Salmonberry**		
Rhamnus purshiana	**Cascara Buckthorn**		

Comments: **Locally Significant Wetland**

Forested depression east of Franklin Avenue. No apparent hydrologic outlet.

Adjacent upland species: Pinus contorta, Ulex europaeus, Cytisus scoparius, Ilex aquifolium, Rubus discolor, Hedera helix, Pteridium aquilinum

COWARDIN CODES:	E2FO = estuarine forested	E2SS = estuarine scrub shrub	E2EM = estuarine emergent
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	POW = palustrine open water
HGM CODES:	EFB = Estuarine Fringe Embayment	EFR = Estuarine Fringe Riverine	RFT = Riverine Flow Through
RI = River Impounding	LFH = Lacustrine Fringe Headwater	LFV = Lacustrine Fringe Valley	DB = Depressional Bog
DA- Depressional Alkaline	DO = Depressional Outflow	DCP = Depressional Closed Permanent	DCNP = Depressional Nonpermanent
HS = Headwater Slope	VS = Valley Slope	FL = Flats	

Wetland Characterization Sheet

Project Name: Bandon Local Wetland Inventory

		Wetland Code:	GRO-5
Date(s) of field work:	1/16/02; 2/13/02	Size (acres):	0.46
Data Sheet Numbers:	53	Cowardin Class(es):	PEM
Investigator(s):	SE/FS/PF/JVS	HGM Class(es):	DCNP

Location -- Legal:	T. 28S, R. 15W, Section 25, DC, AC
Other:	South of 13th Street, West of Franklin Street.
Tax Lots:	10501, 10600, 10601 (DC), 4500, 4400 (AC)
Hydrologic basin:	Gross Creek
Soil -- Mapped series:	Blacklock fine sandy loam
Hydrologic Source:	Precipitation, Groundwater

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
Spiraea douglasii	Douglas' Spiraea	*Juncus effusus*	Soft Rush
Salix hookeriana	Hooker Willow	*Agrostis stolonifera*	Spreading Bentgrass
		Carex obnupta	Slough Sedge
		Holcus lanatus	Common Velvet Grass

Comments:

Wet depression on a vacant lot in residential area, just south of 13th Street W. A portion of the eastern edge of the wetland was filled during the Spring/Summer of 2002. Wetland included 2 to 12 inches of ponded water over much of the wetland during the February site visit.

Adjacent upland species: Ulex europaeus, Rubus discolor, Festuca rubra, Hypochaeris radicata

COWARDIN CODES:	E2FO = estuarine forested	E2SS = estuarine scrub shrub	E2EM = estuarine emergent
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	POW = palustrine open water
HGM CODES:	EFB = Estuarine Fringe Embayment	EFR = Estuarine Fringe Riverine	RFT = Riverine Flow Through
RI = River Impounding	LFH = Lacustrine Fringe Headwater	LFV = Lacustrine Fringe Valley	DB = Depressional Bog
DA- Depressional Alkaline	DO = Depressional Outflow	DCP = Depressional Closed Permanent	DCNP = Depressional Nonpermanent
HS = Headwater Slope	VS = Valley Slope	FL = Flats	

Wetland Characterization Sheet

Project Name: Bandon Local Wetland Inventory

		Wetland Code:	GRO-6
Date(s) of field work:	9/24/02; 10/2/02	Size (acres):	0.55
Data Sheet Numbers:	35, 36, 37, 38	Cowardin Class(es):	PFO, PSS, PEM
Investigator(s):	SE/ME/JVS	HGM Class(es):	VS, RFT

Location -- Legal:	T. 28S, R. 14W, Section 30, CB
Other:	South and east of Hwy 101 from 10th Street W, north to Hwy 101.
Tax Lots:	4500, 11300, 4300 (CB)
Hydrologic basin:	Gross Creek
Soil -- Mapped series:	Bullards sandy loam
Hydrologic Source:	Surface water, groundwater, precipitation

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
Alnus rubra	Red Alder	*Lysichiton americanum*	American Skunk-Cabbage
Rubus spectabilis	Salmonberry	*Ranunculus repens*	Creeping Butter-Cup
Sambucus racemosa	Red Elderberry	*Carex obnupta*	Slough Sedge
		Athyrium filix-femina	Subarctic Lady Fern
		Phalaris arundinacea	Reed Canary Grass
		Oenanthe sarmentosa	Water-Parsley
		Blechnum spicant	Deer Fern

Comments: **Locally Significant Wetland**

Primarily forested (30%) and scrub shrub (60%) wetland, with a small area of emergent (10%) wetland at the north end. Located south and east of Highway 101, behind the City Library and fire station. Culvert at north end has an unknown outlet location.

Adjacent upland species: Alnus rubra, Pinus contorta, Rubus discolor, Rubus spectabilis, Sambucus racemosa, Hedera helix, Polystichum munitum, Holcus lanatus, Ulex europaeus, Cytisus scoparius, Daucus carota

COWARDIN CODES:	E2FO = estuarine forested	E2SS = estuarine scrub shrub	E2EM = estuarine emergent
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	POW = palustrine open water
HGM CODES:	EFB = Estuarine Fringe Embayment	EFR = Estuarine Fringe Riverine	RFT = Riverine Flow Through
RI = River Impounding	LFH = Lacustrine Fringe Headwater	LFV = Lacustrine Fringe Valley	DB = Depressional Bog
DA- Depressional Alkaline	DO = Depressional Outflow	DCP = Depressional Closed Permanent	DCNP = Depressional Nonpermanent
HS = Headwater Slope	VS = Valley Slope	FL = Flats	

Wetland Characterization Sheet

Project Name: Bandon Local Wetland Inventory

		Wetland Code:	**GRO-7**
Date(s) of field work:	**OFF-SITE**	Size (acres):	**1.11**
Data Sheet Numbers:	**N/A**	Cowardin Class(es):	**PSS, PEM**
Investigator(s):	**SE/ME**	HGM Class(es):	**RFT, VS, DCNP**

Location -- Legal:	**T. 28S, R. 14W, Section 31, BB**
Other:	**East of Highway 101 north of 17th Street W.**
Tax Lots:	**4900, 4800, 4500, 2200, 5000, 4700, 5300 (BB)**
Hydrologic basin:	**Gross Creek**
Soil -- Mapped series:	**Blacklock fine sandy loam**
Hydrologic Source:	**Precipitation, surface water**

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
Salix hookeriana	**Hooker Willow**	***Phalaris arundinacea***	**Reed Canary Grass**
		Juncus effusus	**Soft Rush**

Comments:
OFF-SITE. Channelized portion of Gross Creek east of Highway 101 and adjacent scrub shrub community. Primarily a thicket of willow and gorse, this wetland is 70% scrub/shrub and 30% emergent.

Adjacent upland species: Ulex europaeus, Rubus discolor, Phalaris arundinacea

COWARDIN CODES:	E2FO = estuarine forested	E2SS = estuarine scrub shrub	E2EM = estuarine emergent
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	POW = palustrine open water
HGM CODES:	EFB = Estuarine Fringe Embayment	EFR = Estuarine Fringe Riverine	RFT = Riverine Flow Through
RI = River Impounding	LFH = Lacustrine Fringe Headwater	LFV = Lacustrine Fringe Valley	DB = Depressional Bog
DA- Depressional Alkaline	DO = Depressional Outflow	DCP = Depressional Closed Permanent	DCNP = Depressional Nonpermanent
HS = Headwater Slope	VS = Valley Slope	FL = Flats	

Wetland Characterization Sheet

Project Name: Bandon Local Wetland Inventory

		Wetland Code:	GRO-8
Date(s) of field work:	OFF-SITE	Size (acres):	0.19
Data Sheet Numbers:	N/A	Cowardin Class(es):	PSS, PEM
Investigator(s):	SE	HGM Class(es):	RFT, DOF

Location -- Legal:	T. 28S, R. 14W, Section 30, CC
Other:	West of Rosa Rd and east of Delaware Ave., south of 11th Street.
Tax Lots:	11700, 11500 (CC)
Hydrologic basin:	Gross Creek
Soil -- Mapped series:	Blacklock fine sandy loam
Hydrologic Source:	Precipitation

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
Pinus contorta	Shore Pine	*Carex obnupta*	Slough Sedge
Alnus rubra	Red Alder	*Rubus discolor*	Himalayan Blackberry
Rubus spectabilis	Salmonberry	*Lotus corniculatus*	Birds-Foot Trefoil
Lonicera involucrata	Bearberry Honeysuckle	*Ranunculus repens*	Creeping Butter-Cup
Salix hookeriana	Hooker Willow	*Oenanthe sarmentosa*	Water-Parsley
		Rumex crispus	Curly Dock

Comments: **Locally Significant Wetland**

OFF-SITE. Depressional area bordered by a berm on the north and west sides. A ditch at the north end of the wetland flows north along the west side of Delaware Avenue, under 11th Avenue W. and into an eastern tributary of Gross Creek. Hydrologically connected via culverts to GRO-6, downstream. Predominantly scrub/shrub (90%) with some emergent (10%) wetland.

Adjacent upland species: Alnus rubra, Ulex europaeus, Cytisus scoparius, Holcus lanatus, Vicia sp., Hypochaeris radicata.

COWARDIN CODES:	E2FO = estuarine forested	E2SS = estuarine scrub shrub	E2EM = estuarine emergent
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	POW = palustrine open water
HGM CODES:	EFB = Estuarine Fringe Embayment	EFR = Estuarine Fringe Riverine	RFT = Riverine Flow Through
RI = River Impounding	LFH = Lacustrine Fringe Headwater	LFV = Lacustrine Fringe Valley	DB = Depressional Bog
DA- Depressional Alkaline	DO = Depressional Outflow	DCP = Depressional Closed Permanent	DCNP = Depressional Nonpermanent
HS = Headwater Slope	VS = Valley Slope	FL = Flats	

Wetland Characterization Sheet

Project Name: Bandon Local Wetland Inventory

		Wetland Code:	**TUP-1**
Date(s) of field work:	**OFF-SITE**	Size (acres):	**2.29**
Data Sheet Numbers:	**N/A**	Cowardin Class(es):	**PSS, PEM, POW**
Investigator(s):	**FS/ME**	HGM Class(es):	**DCP**

Location -- Legal:	**T. 28S, R 15W, Section 25, BD**
Other:	**South of 3rd Street, north of Jetty Road, east of Lincoln Street**
Tax Lots:	**2200, 2800, 6000, 6100, 5300, 6200, 1800, 6500 (BD)**
Hydrologic basin:	**Tupper Creek**
Soil -- Mapped series:	**Waldport fine sand**
Hydrologic Source:	**Groundwater and precipitation**

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
Salix hookeriana	**Hooker Willow**	***Ledum glandulosum***	**Smooth Labrador-Tea**
Lonicera involucrata	**Bearberry Honeysuckle**	***Carex obnupta***	**Slough Sedge**
		Festuca rubra	**Red Fescue**

Comments: **Locally Significant Wetland**

OFF-SITE. The wetland is a closed depression with extensive open water (85%); palustrine scrub/shrub (10%) and emergent (5%) communities have developed along the edges. The depression may have historically been used as a log pond.

Adjacent upland species: Pinus contorta, Ulex europaeus, Ammophila arenaria, Lathryus littoralis, Anaphalis margaritacea, Tanacetum bipinnatum, Gaultheria shallon

COWARDIN CODES:	E2FO = estuarine forested	E2SS = estuarine scrub shrub	E2EM = estuarine emergent
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	POW = palustrine open water
HGM CODES:	EFB = Estuarine Fringe Embayment	EFR = Estuarine Fringe Riverine	RFT = Riverine Flow Through
RI = River Impounding	LFH = Lacustrine Fringe Headwater	LFV = Lacustrine Fringe Valley	DB = Depressional Bog
DA- Depressional Alkaline	DO = Depressional Outflow	DCP = Depressional Closed Permanent	DCNP = Depressional Nonpermanent
HS = Headwater Slope	VS = Valley Slope	FL = Flats	

Wetland Characterization Sheet

Project Name: Bandon Local Wetland Inventory

		Wetland Code:	**TUP-2**
Date(s) of field work:	**OFF-SITE**	Size (acres):	**0.61**
Data Sheet Numbers:	**N/A**	Cowardin Class(es):	**PSS, PEM**
Investigator(s):	**FS/ME**	HGM Class(es):	**DCNP**

Location -- Legal:	**T. 28S, R. 15W, Section 25, BD, CA, AC**
Other:	**South of Jetty Road, at the bottom of the slope of Ocean Drive.**
Tax Lots:	**6801 (BD), 600, 900, 500, 400 (CA), 5100 (AC)**
Hydrologic basin:	**Tupper Creek**
Soil -- Mapped series:	**Bullards sandy loam**
Hydrologic Source:	**Precipitation**

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
Salix hookeriana	**Hooker Willow**	***Carex obnupta***	**Slough Sedge**
Lonicera involucrata	**Bearberry Honeysuckle**	***Scirpus microcarpus***	**Small-Fruit Bulrush**
Rubus spectabilis	**Salmonberry**	***Oenanthe sarmentosa***	**Water-Parsley**
		Stachys cooleyae	**Cooley's Hedgenettle**
		Lysichiton americanum	**American Skunk-Cabbage**
		Athyrium filix-femina	**Subarctic Lady Fern**

Comments: **Locally Significant Wetland**

OFF-SITE. Palustrine scrub/shrub (95%) wetland with a minor palustrine emergent (5%) component. This wetland occupies a low depressional area between the bottom of a steep slope and Jetty Road. Partially delineated by DSL WD# 02-0467.

Adjacent upland species: Pinus contorta, Pseudotsuga menziesii, Rubus discolor

COWARDIN CODES:	E2FO = estuarine forested	E2SS = estuarine scrub shrub	E2EM = estuarine emergent
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	POW = palustrine open water
HGM CODES:	EFB = Estuarine Fringe Embayment	EFR = Estuarine Fringe Riverine	RFT = Riverine Flow Through
RI = River Impounding	LFH = Lacustrine Fringe Headwater	LFV = Lacustrine Fringe Valley	DB = Depressional Bog
DA- Depressional Alkaline	DO = Depressional Outflow	DCP = Depressional Closed Permanent	DCNP = Depressional Nonpermanent
HS = Headwater Slope	VS = Valley Slope	FL = Flats	

Wetland Characterization Sheet

Project Name: Bandon Local Wetland Inventory

		Wetland Code:	**TUP-3**
Date(s) of field work:	**OFF-SITE**	Size (acres):	**4.36**
Data Sheet Numbers:	**N/A**	Cowardin Class(es):	**PSS, PEM**
Investigator(s):	**PF, JVS**	HGM Class(es):	**S/F**

Location -- Legal:	**T. 28S, R. 15W, Section 36, CC, BB, BA**
Other:	**East of Beach Loop Road, north of Face Rock Road**
Tax Lots:	**6900, 6600, 6500, 6200, 6300, 6400 (CC), 200, 400 (BB), 2700 (BA)**
Hydrologic basin:	**Tupper Creek**
Soil -- Mapped series:	**Blacklock fine sandy loam 3-7% slopes, Bullards sandy loam, 0-7% slopes**
Hydrologic Source:	**Precipitation, groundwater**

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
Salix hookeriana	**Hooker Willow**	***Carex obnupta***	**Slough Sedge**
Pinus contorta	**Shore Pine**	***Juncus effusus***	**Soft Rush**
Lonicera involucrata	**Bearberry Honeysuckle**	***Deschampsia cespitosa***	**Tufted Hairgrass**
		Holcus lanatus	**Common Velvet Grass**
		Agrostis stolonifera	**Spreading Bentgrass**
		Potentilla anserina	**Silverweed**

Comments:

OFF-SITE. Palustrine emergent (80%) and scrub shrub wetland (20%) in area to north of Face Rock Road. Tupper Creek drainage is piped under Beach Loop Road and drains to ocean. DSL WD#94-0207, FP 10424.

Adjacent Upland Species: Ulex europaeus, Rubus discolor, Pteridium aquilinium, Hypochaeris radicata, Cytisus scoparius

COWARDIN CODES:	E2FO = estuarine forested	E2SS = estuarine scrub shrub	E2EM = estuarine emergent
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	POW = palustrine open water
HGM CODES:	EFB = Estuarine Fringe Embayment	EFR = Estuarine Fringe Riverine	RFT = Riverine Flow Through
RI = River Impounding	LFH = Lacustrine Fringe Headwater	LFV = Lacustrine Fringe Valley	DB = Depressional Bog
DA- Depressional Alkaline	DO = Depressional Outflow	DCP = Depressional Closed Permanent	DCNP = Depressional Nonpermanent
HS = Headwater Slope	VS = Valley Slope	FL = Flats	

Wetland Characterization Sheet

Project Name: Bandon Local Wetland Inventory

		Wetland Code:	TUP-4
Date(s) of field work:	OFF-SITE	Size (acres):	2.68
Data Sheet Numbers:	N/A	Cowardin Class(es):	PSS, PEM
Investigator(s):	PF, JVS	HGM Class(es):	DCNP

Location -- Legal:	T. 28S, R. 15W, Section 36, BC, BB
Other:	East of Beach Loop Road, north of Face Rock Road
Tax Lots:	104 (BC), 5100, 5102, 200 (BB)
Hydrologic basin:	Tupper Creek
Soil -- Mapped series:	Waldport-Heceta fine sands, 0-30% slopes
Hydrologic Source:	Precipitation, groundwater

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
Salix hookeriana	Hooker Willow	*Carex obnupta*	Slough Sedge
Pinus contorta	Lodge-Pole Pine	*Juncus effusus*	Soft Rush
Lonicera involucrata	Bearberry Honeysuckle	*Deschampsia cespitosa*	Tufted Hairgrass
		Holcus lanatus	Common Velvet Grass
		Agrostis stolonifera	Spreading Bentgrass
		Potentilla anserina	Silverweed
		Oenanthe sarmentosa	Water-Parsley
		Maianthemum dilatatum	False Lily-Of-The-Valley

Comments:

OFF-SITE. Palustrine emergent (10%) and scrub shrub wetland (90%) in area to north of Face Rock Road. DSL WD#00-0434. Four separate wetland depressions in dunal area were delineated.

Adjacent Upland Species: Ulex europaeus, Myrica californica, Sambucus racemosa, Rubus discolor, Polystichum munitum, Hypochaeris radicata, Cytisus scoparius

COWARDIN CODES:	E2FO = estuarine forested	E2SS = estuarine scrub shrub	E2EM = estuarine emergent
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	POW = palustrine open water
HGM CODES:	EFB = Estuarine Fringe Embayment	EFR = Estuarine Fringe Riverine	RFT = Riverine Flow Through
RI = River Impounding	LFH = Lacustrine Fringe Headwater	LFV = Lacustrine Fringe Valley	DB = Depressional Bog
DA- Depressional Alkaline	DO = Depressional Outflow	DCP = Depressional Closed Permanent	DCNP = Depressional Nonpermanent
HS = Headwater Slope	VS = Valley Slope	FL = Flats	

Wetland Characterization Sheet

Project Name: Bandon Local Wetland Inventory

		Wetland Code:	**TUP-5**
Date(s) of field work:	**OFF-SITE**	Size (acres):	**0.36**
Data Sheet Numbers:	**N/A**	Cowardin Class(es):	**PEM**
Investigator(s):	**PF, JVS**	HGM Class(es):	**DCNP**

Location -- Legal:	**T. 28S, R. 15W, Section 36, BC**
Other:	**South of Face Rock Road, east of Beach Loop Road**
Tax Lots:	**219 (BC)**
Hydrologic basin:	**Tupper Creek**
Soil -- Mapped series:	**Blacklock fine sandy loam 3-7% slopes**
Hydrologic Source:	**Precipitation, groundwater**

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
Pinus contorta	**Shore Pine**	***Carex obnupta***	**Slough Sedge**
		Potentilla anserina	**Silverweed**
		Epilobium watsonii	**Watson's Willow-Herb**

Comments:

OFF-SITE. Depressional areas in dunes. Appear to be isolated.

Adjacent Upland Species: Ulex europaeus, Erechtites minima

COWARDIN CODES:	E2FO = estuarine forested	E2SS = estuarine scrub shrub	E2EM = estuarine emergent
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	POW = palustrine open water
HGM CODES:	EFB = Estuarine Fringe Embayment	EFR = Estuarine Fringe Riverine	RFT = Riverine Flow Through
RI = River Impounding	LFH = Lacustrine Fringe Headwater	LFV = Lacustrine Fringe Valley	DB = Depressional Bog
DA- Depressional Alkaline	DO = Depressional Outflow	DCP = Depressional Closed Permanent	DCNP = Depressional Nonpermanent
HS = Headwater Slope	VS = Valley Slope	FL = Flats	

Wetland Characterization Sheet

Project Name: Bandon Local Wetland Inventory

		Wetland Code:	TUP-6
Date(s) of field work:	3/27/02	Size (acres):	0.21
Data Sheet Numbers:	54, 55	Cowardin Class(es):	PFO, PSS, PEM
Investigator(s):	SE/ME	HGM Class(es):	RFT/VS

Location -- Legal:	T. 28S, R. 15W, Section 36, BC
Other:	In Face Rock Park, east of Beach Loop Road
Tax Lots:	300, 400 (BC)
Hydrologic basin:	Tupper Creek
Soil -- Mapped series:	Bullards sandy loam
Hydrologic Source:	Precipitation

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
Pinus contorta	Shore Pine	*Equisetum arvense*	Field Horsetail
Lonicera involucrata	Bearberry Honeysuckle	*Carex obnupta*	Slough Sedge
Rubus spectabilis	Salmonberry	*Juncus effusus*	Soft Rush
		Fragaria chiloensis	Coastal Strawberry
		Potentilla anserina	Silverweed
		Oenanthe sarmentosa	Water-Parsley

Comments: **Locally Significant Wetland**

A palustrine forested (20%), scrub/shrub (30%), and emergent (50%) wetland in Face Rock Park. The wetland has a narrow drainage that is culverted under the access road to the park and flows through the wetland and downslope to the beach.

Adjacent upland species: Pinus contorta, Ulex europaeus, Gaultheria shallon, Rubus spectabilis, Dactylis glomerata, Equisetum arvense, Festuca arundinacea, Hypochaeris radicata

COWARDIN CODES:	E2FO = estuarine forested	E2SS = estuarine scrub shrub	E2EM = estuarine emergent
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	POW = palustrine open water
HGM CODES:	EFB = Estuarine Fringe Embayment	EFR = Estuarine Fringe Riverine	RFT = Riverine Flow Through
RI = River Impounding	LFH = Lacustrine Fringe Headwater	LFV = Lacustrine Fringe Valley	DB = Depressional Bog
DA- Depressional Alkaline	DO = Depressional Outflow	DCP = Depressional Closed Permanent	DCNP = Depressional Nonpermanent
HS = Headwater Slope	VS = Valley Slope	FL = Flats	

Wetland Characterization Sheet

Project Name: Bandon Local Wetland Inventory

		Wetland Code:	JOH-1
Date(s) of field work:	2/13/02, 4/18/02	Size (acres):	0.27
Data Sheet Numbers:	58, 59	Cowardin Class(es):	PFO, PSS, PEM
Investigator(s):	SE/FS	HGM Class(es):	DCNP, DO

Location -- Legal:	T. 28S, R. 15W, Section 25, BA, CD
Other:	South of 11th Street West, in City Park.
Tax Lots:	2600, 2500 (BA), 3600 (CD)
Hydrologic basin:	Johnson Creek
Soil -- Mapped series:	Blacklock fine sandy loam, Bullards sandy loam
Hydrologic Source:	Precipitation, Groundwater

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
Salix hookeriana	Hooker Willow	*Carex obnupta*	Slough Sedge
Pinus contorta	Shore Pine		
Spiraea douglasii	Douglas' Spiraea		

Comments:

Wooded area southwest of baseball field in park. Includes depressional marshy area with up to 18 inches of ponded water in February. Mixed scrub/shrub (70%), forested (15%), and emergent (15%) wetland communities. Apparently isolated but may drain to the south.

Adjacent upland species: Picea sitchensis, Pinus contorta, Vaccinium ovatum, Rubus spectabilis, Gaultheria shallon, Hedera helix, Polystichum munitum

COWARDIN CODES:	E2FO = estuarine forested	E2SS = estuarine scrub shrub	E2EM = estuarine emergent
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	POW = palustrine open water
HGM CODES:	EFB = Estuarine Fringe Embayment	EFR = Estuarine Fringe Riverine	RFT = Riverine Flow Through
RI = River Impounding	LFH = Lacustrine Fringe Headwater	LFV = Lacustrine Fringe Valley	DB = Depressional Bog
DA- Depressional Alkaline	DO = Depressional Outflow	DCP = Depressional Closed Permanent	DCNP = Depressional Nonpermanent
HS = Headwater Slope	VS = Valley Slope	FL = Flats	

Wetland Characterization Sheet

Project Name: Bandon Local Wetland Inventory

		Wetland Code:	JOH-2
Date(s) of field work:	OFF-SITE	Size (acres):	0.34
Data Sheet Numbers:	N/A	Cowardin Class(es):	PEM
Investigator(s):	PF, JVS	HGM Class(es):	DCNP

Location -- Legal:	**T. 28S, R. 15W, Section 36**
Other:	**West of Hwy. 101, south end of Jackson Avenue**
Tax Lots:	**No tax lot information available, within road right-of-way**
Hydrologic basin:	**Johnson Creek**
Soil -- Mapped series:	**Blacklock fine sandy loam 3-7% slopes**
Hydrologic Source:	**Precipitation, groundwater**

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
		Carex obnupta	**Slough Sedge**
		Juncus effusus	**Soft Rush**

Comments:

OFF-SITE. Excavated pond and small depressional area in disturbed area of dunes. Appears to be isolated.

Adjacent Upland Species: Ulex europaeus, Cytisus scoparius

COWARDIN CODES:	E2FO = estuarine forested	E2SS = estuarine scrub shrub	E2EM = estuarine emergent
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	POW = palustrine open water
HGM CODES:	EFB = Estuarine Fringe Embayment	EFR = Estuarine Fringe Riverine	RFT = Riverine Flow Through
RI = River Impounding	LFH = Lacustrine Fringe Headwater	LFV = Lacustrine Fringe Valley	DB = Depressional Bog
DA- Depressional Alkaline	DO = Depressional Outflow	DCP = Depressional Closed Permanent	DCNP = Depressional Nonpermanent
HS = Headwater Slope	VS = Valley Slope	FL = Flats	

Wetland Characterization Sheet

Project Name: Bandon Local Wetland Inventory

		Wetland Code:	**JOH-3A**
Date(s) of field work:	**2/13/02, 3/8/02**	Size (acres):	**14.95**
Data Sheet Numbers:	**56, 57, 60, 61**	Cowardin Class(es):	**PEM, PSS, PFO**
Investigator(s):	**PF, FS, SE, ME, JVS**	HGM Class(es):	**DO, FL**

Location -- Legal:	**T. 28S, R. 15W, Section 36, BA, CD**
Other:	**North of Edna Road, west of Hwy 101**
Tax Lots:	**200, 400, 2500, 601, 2600, 2700 (BA), 3600, 1900, 2000, 2100 (CD)**
Hydrologic basin:	**Johnson Creek**
Soil -- Mapped series:	**Blacklock fine sandy loam 0-7% slopes**
Hydrologic Source:	**Precipitation, groundwater**

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
Salix hookeriana	**Hooker Willow**	***Carex obnupta***	**Slough Sedge**
Pinus contorta	**Shore Pine**	***Juncus effusus***	**Soft Rush**
Lonicera involucrata	**Bearberry Honeysuckle**	***Ranunculus repens***	**Creeping Butter-Cup**
		Holcus lanatus	**Common Velvet Grass**
		Agrostis stolonifera	**Spreading Bentgrass**
		Sisyrinchium californicum	**Golden Blue-Eye-Grass**

Comments: **Locally Significant Wetland**

PARTIAL OFF-SITE. Large palustrine emergent (55%), forested (30%), and scrub shrub wetland (15%) in area to north of Edna Rd, extending north into dunal areas. Series of sand roads and excavated ditches bisect the area, but dense gorse limits views of wetland. Determination in 1997 during South Bandon Refinement Plan. Hydrologically connected by surface water to JOH-3C.

Adjacent Upland Species: Ulex europaeus, Rubus discolor, Myrica californica, Pteridium aquilinium, Cirsium arvense, Cytisus scoparius

COWARDIN CODES:	E2FO = estuarine forested	E2SS = estuarine scrub shrub	E2EM = estuarine emergent
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	POW = palustrine open water
HGM CODES:	EFB = Estuarine Fringe Embayment	EFR = Estuarine Fringe Riverine	RFT = Riverine Flow Through
RI = River Impounding	LFH = Lacustrine Fringe Headwater	LFV = Lacustrine Fringe Valley	DB = Depressional Bog
DA- Depressional Alkaline	DO = Depressional Outflow	DCP = Depressional Closed Permanent	DCNP = Depressional Nonpermanent
HS = Headwater Slope	VS = Valley Slope	FL = Flats	

Wetland Characterization Sheet

Project Name: Bandon Local Wetland Inventory

		Wetland Code:	JOH-3B
Date(s) of field work:	1/16/02	Size (acres):	1.55
Data Sheet Numbers:	62, 63	Cowardin Class(es):	PEM, PSS
Investigator(s):	PF, FS	HGM Class(es):	DO, DCNP

Location -- Legal:	T. 28S, R. 15W, Section 36
Other:	North of Edna Road, west of Hwy 101
Tax Lots:	800, 700, 500, 501
Hydrologic basin:	Johnson Creek
Soil -- Mapped series:	Blacklock fine sandy loam 0-3% slopes
Hydrologic Source:	Precipitation, groundwater

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
Salix hookeriana	Hooker Willow	*Carex obnupta*	Slough Sedge
		Juncus effusus	Soft Rush
		Ranunculus repens	Creeping Butter-Cup
		Sisyrinchium californicum	Golden Blue-Eye-Grass
		Agrostis stolonifera	Spreading Bentgrass
		Rumex salicifolius	
		Hypericum anagalloides	
		Callitriche sp.	
		Glyceria occidentalis	

Comments:

PARTIAL OFF-SITE. Palustrine emergent (80%) and scrub shrub wetland (20%) in area to north of Edna Rd. Emergent portion on west side includes excavated pond and disturbed wetland. Also, small depression in grazed field to south of Edna Road. Small drainages may connect this wetland to JOH-3C. Also, small depression in grazed field to south of Edna Road.

Adjacent Upland Species: Ulex europaeus, Rubus discolor, Myrica californica

COWARDIN CODES:	E2FO = estuarine forested	E2SS = estuarine scrub shrub	E2EM = estuarine emergent
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	POW = palustrine open water
HGM CODES:	EFB = Estuarine Fringe Embayment	EFR = Estuarine Fringe Riverine	RFT = Riverine Flow Through
RI = River Impounding	LFH = Lacustrine Fringe Headwater	LFV = Lacustrine Fringe Valley	DB = Depressional Bog
DA- Depressional Alkaline	DO = Depressional Outflow	DCP = Depressional Closed Permanent	DCNP = Depressional Nonpermanent
HS = Headwater Slope	VS = Valley Slope	FL = Flats	

Wetland Characterization Sheet

Project Name: Bandon Local Wetland Inventory

		Wetland Code:	JOH-3C
Date(s) of field work:	1/16/02	Size (acres):	4.32
Data Sheet Numbers:	N/A	Cowardin Class(es):	PEM, PSS, PFO
Investigator(s):	PF, FS	HGM Class(es):	RFT, VS

Location -- Legal:	T. 28S, R. 15W, Section 36, DD, DA
Other:	Johnson Creek trib., west of 101, north of Seabird Dr.
Tax Lots:	400, 100, 200, 300, 1000, 800, 900 (DD), 2200, 3100, 3000, 2800, 3200 (DA), 1410
Hydrologic basin:	Johnson Creek
Soil -- Mapped series:	Blacklock fine sandy loam, 0-7% slopes, Bullards sandy loam, 30-50% slopes
Hydrologic Source:	Surface water, precipitation, groundwater

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
Alnus rubra	Red Alder	*Carex obnupta*	Slough Sedge
Picea sitchensis	Sitka Spruce	*Festuca rubra*	Red Fescue
Lonicera involucrata	Bearberry Honeysuckle	*Juncus effusus*	Soft Rush
Salix hookeriana	Hooker Willow	*Oenanthe sarmentosa*	Water-Parsley
Rubus spectabilis	Salmonberry	*Scirpus microcarpus*	Small-Fruit Bulrush
Pinus contorta	Shore Pine	*Holcus lanatus*	Common Velvet Grass
		Agrostis stolonifera	Spreading Bentgrass
		Glyceria occidentalis	Northwestern Manna Grass
		Ranunculus repens	Creeping Butter-Cup
		Sisyrinchium californicum	Golden Blue-Eye-Grass

Comments: **Locally Significant Wetland**

PARTIAL OFF-SITE. Includes tributary to Johnson Creek and associated wetlands between Seabird Drive and Edna Road, west side of Highway 101. Hydrologically connected to JOH-3D and 3B. Channel has been partially excavated and channelized. Grazed. Partially delineated DSL WD#02-0126. Wetland is mix of forested (10%), scrub shrub (20%), and emergent (70%).

Adjacent Upland Species: Rhamnus purshiana, Gaultheria shallon, Polystichum munitum, Rubus ursinsus, Myrica californica, Ulex europaeus, Hypochaeris radicata, Festuca arundinacea

COWARDIN CODES:	E2FO = estuarine forested	E2SS = estuarine scrub shrub	E2EM = estuarine emergent
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	POW = palustrine open water
HGM CODES:	EFB = Estuarine Fringe Embayment	EFR = Estuarine Fringe Riverine	RFT = Riverine Flow Through
RI = River Impounding	LFH = Lacustrine Fringe Headwater	LFV = Lacustrine Fringe Valley	DB = Depressional Bog
DA- Depressional Alkaline	DO = Depressional Outflow	DCP = Depressional Closed Permanent	DCNP = Depressional Nonpermanent
HS = Headwater Slope	VS = Valley Slope	FL = Flats	

Wetland Characterization Sheet

Project Name: Bandon Local Wetland Inventory

		Wetland Code:	JOH-3D
Date(s) of field work:	OFF-SITE	Size (acres):	8.44
Data Sheet Numbers:	N/A	Cowardin Class(es):	PEM, PSS, PFO
Investigator(s):	PF, JVS	HGM Class(es):	RFT, VS

Location -- Legal:	T. 29S, R. 15W, Section 1, BC
Other:	Johnson Creek, west of Hwy. 101
Tax Lots:	1000, 600, 200, 1300, 500, 700, 900, 800 (BC), 1402, 102, 100, 1417, 300, 201
Hydrologic basin:	Johnson Creek
Soil -- Mapped series:	Chetco silty clay loam, Bullards sandy loam, 30-50% slopes
Hydrologic Source:	Surface water, precipitation, groundwater

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
Alnus rubra	Red Alder	*Carex obnupta*	Slough Sedge
Picea sitchensis	Sitka Spruce	*Festuca rubra*	Red Fescue
Lonicera involucrata	Bearberry Honeysuckle	*Rorippa nasturtium-aquaticun*	Water-Cress
Salix hookeriana	Hooker Willow	*Veronica americana*	American Speedwell
Rubus spectabilis	Salmonberry	*Mentha x piperita*	Peppermint
Pinus contorta	Shore Pine	*Juncus effusus*	Soft Rush
VINES / HERBS		*Oenanthe sarmentosa*	Water-Parsley
Mimulus sp.	Monkey flower	*Scirpus microcarpus*	Small-Fruit Bulrush
Phalaris arundinacea	Reed Canary Grass	*Holcus lanatus*	Common Velvet Grass
Sparganium emersum	Narrow-Leaf Burreed	*Lotus corniculatus*	Birds-Foot Trefoil

Comments: **Locally Significant Wetland**

OFF-SITE. Johnson Creek wetlands on west side of Highway 101. Includes the golf course and a tributary south of Seabird Drive. Johnson Creek is a perennial stream. Drains west to Pacific Ocean. Hydrologically connected to JOH-3C and 3E by surface water. Wetland is mix of forested (20%), scrub shrub (10%), and emergent (70%).

Adjacent Upland Species: Rhamnus purshiana, Gaultheria shallon, Polystichum munitum, Rubus ursinsus, Myrica californica, Ulex europaeus, Hypochaeris radicata, Festuca arundinacea, Iris sp., Vaccinium parvifolium, V. ovatum, Pteridium aqulinium, Cytisus scoparius, Erechtites minima

COWARDIN CODES:	E2FO = estuarine forested	E2SS = estuarine scrub shrub	E2EM = estuarine emergent
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	POW = palustrine open water
HGM CODES:	EFB = Estuarine Fringe Embayment	EFR = Estuarine Fringe Riverine	RFT = Riverine Flow Through
RI = River Impounding	LFH = Lacustrine Fringe Headwater	LFV = Lacustrine Fringe Valley	DB = Depressional Bog
DA- Depressional Alkaline	DO = Depressional Outflow	DCP = Depressional Closed Permanent	DCNP = Depressional Nonpermanent
HS = Headwater Slope	VS = Valley Slope	FL = Flats	

Wetland Characterization Sheet

Project Name: Bandon Local Wetland Inventory

		Wetland Code:	**JOH-3E**
Date(s) of field work:	**1/16/02**	Size (acres):	**7.52**
Data Sheet Numbers:	**77, 78**	Cowardin Class(es):	**PEM, PSS, PFO**
Investigator(s):	**PF, FS**	HGM Class(es):	**RFT, VS**

Location -- Legal:	**T. 29S, R. 14W, Section 6**
Other:	**Johnson Creek, east of Hwy. 101**
Tax Lots:	**3000, 2505**
Hydrologic basin:	**Johnson Creek**
Soil -- Mapped series:	**Chetco silty clay loam, Bullards sandy loam, 0-7% slopes**
Hydrologic Source:	**Surface water, precipitation, groundwater**

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
Alnus rubra	**Red Alder**	***Carex obnupta***	**Slough Sedge**
Picea sitchensis	**Sitka Spruce**	***Festuca rubra***	**Red Fescue**
Salix hookeriana	**Hooker Willow**	***Rorippa nasturtium-aquaticum***	**Water-Cress**
Rubus spectabilis	**Salmonberry**	***Veronica americana***	**American Speedwell**
Pinus contorta	**Shore Pine**	***Mentha x piperita***	**Peppermint**
		Juncus effusus	**Soft Rush**
		Oenanthe sarmentosa	**Water-Parsley**
		Scirpus microcarpus	**Small-Fruit Bulrush**
		Holcus lanatus	**Common Velvet Grass**

Comments: **Locally Significant Wetland**

PARTIAL ON-SITE. Johnson Creek wetlands on east side of Highway 101 and extending south into the airport property.Wetlands extend outside of UGB. Johnson Creek is a perennial stream. Drains west to Pacific Ocean. Partially delineated DSL #93-0205. Wetland is mix of forested (5%), scrub shrub (65%), and emergent (30%). Includes some areas between runways that pond. Upland vegetation recently cleared.

Adjacent Upland Species: Rhamnus purshiana, Gaultheria shallon, Polystichum munitum, Rubus ursinsus, Myrica californica, Ulex europaeus, Hypochaeris radicata, Festuca arundinacea, Iris sp., Vaccinium parvifolium, V. ovatum, Arctostaphylos patula, Pteridium aqulinium, Cytisus scoparius, Erechtites, Hypericum anagalloides

COWARDIN CODES:	E2FO = estuarine forested	E2SS = estuarine scrub shrub	E2EM = estuarine emergent
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	POW = palustrine open water
HGM CODES:	EFB = Estuarine Fringe Embayment	EFR = Estuarine Fringe Riverine	RFT = Riverine Flow Through
RI = River Impounding	LFH = Lacustrine Fringe Headwater	LFV = Lacustrine Fringe Valley	DB = Depressional Bog
DA- Depressional Alkaline	DO = Depressional Outflow	DCP = Depressional Closed Permanent	DCNP = Depressional Nonpermanent
HS = Headwater Slope	VS = Valley Slope	FL = Flats	

Wetland Characterization Sheet

Project Name: Bandon Local Wetland Inventory

		Wetland Code:	**JOH-4**
Date(s) of field work:	**OFF-SITE**	Size (acres):	**13.72**
Data Sheet Numbers:	**N/A**	Cowardin Class(es):	**PEM, PSS, PFO**
Investigator(s):	**PF, JVS**	HGM Class(es):	**HS, FL**

Location -- Legal:	**T. 28S, R. 15W, Section 36, DA, AD**
Other:	**North of Edna Road, west of Hwy 101**
Tax Lots:	**2308, 600, 2400, 400, 300, 200, 100 (DA), 3300, 3500, 4100, 4000, 3600, 3700, 3200, 3100 (AD)**
Hydrologic basin:	**Johnson Creek**
Soil -- Mapped series:	**Blacklock fine sandy loam 3-7% slopes**
Hydrologic Source:	**Precipitation, groundwater**

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
Salix hookeriana	**Hooker Willow**	***Carex obnupta***	**Slough Sedge**
Pinus contorta	**Shore Pine**	***Juncus effusus***	**Soft Rush**
Lonicera involucrata	**Bearberry Honeysuckle**	***Ranunculus repens***	**Creeping Butter-Cup**
		Holcus lanatus	**Common Velvet Grass**
		Agrostis stolonifera	**Spreading Bentgrass**

Comments: **Locally Significant Wetland**

OFF-SITE. Large palustrine emergent (10%), forested (70%), and scrub shrub wetland (20%) in area to north of Edna Rd, adjacent to west side of Hwy 101. Determination in 1997 during South Bandon Refinement Plan. Connected to JOH-5 by small ditch.

Adjacent Upland Species: Ulex europaeus, Rubus discolor, Myrica californica, Pteridium aquilinium, Cirsium arvense, Cytisus scoparius

COWARDIN CODES:	E2FO = estuarine forested	E2SS = estuarine scrub shrub	E2EM = estuarine emergent
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	POW = palustrine open water
HGM CODES:	EFB = Estuarine Fringe Embayment	EFR = Estuarine Fringe Riverine	RFT = Riverine Flow Through
RI = River Impounding	LFH = Lacustrine Fringe Headwater	LFV = Lacustrine Fringe Valley	DB = Depressional Bog
DA- Depressional Alkaline	DO = Depressional Outflow	DCP = Depressional Closed Permanent	DCNP = Depressional Nonpermanent
HS = Headwater Slope	VS = Valley Slope	FL = Flats	

Wetland Characterization Sheet

Project Name: Bandon Local Wetland Inventory

		Wetland Code:	JOH-5
Date(s) of field work:	OFF-SITE	Size (acres):	0.95
Data Sheet Numbers:	N/A	Cowardin Class(es):	PSS
Investigator(s):	PF, JVS	HGM Class(es):	DCNP, VS

Location -- Legal:	T. 28S, R. 15W, Section 36, DA, DD
Other:	South of Edna Road, west of Hwy 101
Tax Lots:	3100, 3200 (DA), 100 (DD)
Hydrologic basin:	Johnson Creek
Soil -- Mapped series:	Blacklock fine sandy loam 3-7% slopes
Hydrologic Source:	Precipitation, groundwater

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
Salix hookeriana	Hooker Willow	*Carex obnupta*	Slough Sedge
Pinus contorta	Shore Pine	*Juncus effusus*	Soft Rush

Comments:

OFF-SITE. Determination in 1997 during South Bandon Refinement Plan. Appears to be connected to JOH-4 by small ditch.

Adjacent Upland Species: Ulex europaeus, Rubus discolor, Cytisus scoparius

COWARDIN CODES:	E2FO = estuarine forested	E2SS = estuarine scrub shrub	E2EM = estuarine emergent
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	POW = palustrine open water
HGM CODES:	EFB = Estuarine Fringe Embayment	EFR = Estuarine Fringe Riverine	RFT = Riverine Flow Through
RI = River Impounding	LFH = Lacustrine Fringe Headwater	LFV = Lacustrine Fringe Valley	DB = Depressional Bog
DA- Depressional Alkaline	DO = Depressional Outflow	DCP = Depressional Closed Permanent	DCNP = Depressional Nonpermanent
HS = Headwater Slope	VS = Valley Slope	FL = Flats	

Wetland Characterization Sheet

Project Name: Bandon Local Wetland Inventory

		Wetland Code:	**JOH-6**
Date(s) of field work:	**OFF-SITE**	Size (acres):	**7.50**
Data Sheet Numbers:	**N/A**	Cowardin Class(es):	**PEM, PSS, PFO**
Investigator(s):	**PF, FS, SE, ME, JVS**	HGM Class(es):	**DO, FL**

Location -- Legal:	**T. 28S, R. 15W, Section 36, C**
Other:	**East of Beach Loop Road, north of Seabird Drive**
Tax Lots:	**100, 200, 202, 400, 500, 1500**
Hydrologic basin:	**Johnson Creek**
Soil -- Mapped series:	**Blacklock fine sandy loam 3-7% slopes**
Hydrologic Source:	**Precipitation, groundwater**

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
Salix hookeriana	**Hooker Willow**	***Carex obnupta***	**Slough Sedge**
Pinus contorta	**Shore Pine**	***Juncus effusus***	**Soft Rush**
		Deschampsia cespitosa	**Tufted Hairgrass**
		Holcus lanatus	**Common Velvet Grass**
		Agrostis stolonifera	**Spreading Bentgrass**

Comments:

OFF-SITE. Large palustrine emergent (10%), forested (70%), and scrub shrub wetland (20%) in area to east of Beach Loop Road, extending north and south in dunal areas around Face Rock Road and draining southwest to ocean. Series of sand roads and excavated ditches bisect the area, but dense gorse limits views of wetland. Determination in 1997 during South Bandon Refinement Plan. Also DSL WD#01-0266.

Adjacent Upland Species: Ulex europaeus, Rubus discolor, Myrica californica, Pteridium aquilinium, Cirsium arvense, Cytisus scoparius

COWARDIN CODES:	E2FO = estuarine forested	E2SS = estuarine scrub shrub	E2EM = estuarine emergent
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	POW = palustrine open water
HGM CODES:	EFB = Estuarine Fringe Embayment	EFR = Estuarine Fringe Riverine	RFT = Riverine Flow Through
RI = River Impounding	LFH = Lacustrine Fringe Headwater	LFV = Lacustrine Fringe Valley	DB = Depressional Bog
DA- Depressional Alkaline	DO = Depressional Outflow	DCP = Depressional Closed Permanent	DCNP = Depressional Nonpermanent
HS = Headwater Slope	VS = Valley Slope	FL = Flats	

Wetland Characterization Sheet

Project Name: Bandon Local Wetland Inventory

		Wetland Code:	JOH-7
Date(s) of field work:	1/17/02	Size (acres):	0.67
Data Sheet Numbers:	69, 70	Cowardin Class(es):	PEM, PSS
Investigator(s):	PF, FS	HGM Class(es):	FL

Location -- Legal:	T. 28S, R. 15W, Section 36
Other:	West of 10l, north of Seabird Dr., south of Face Rock
Tax Lots:	No tax lot information available
Hydrologic basin:	Johnson Creek
Soil -- Mapped series:	Blacklock fine sandy loam, 3-7% slopes
Hydrologic Source:	Precipitation, surface water, groundwater

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
Pinus contorta	Shore Pine	*Carex obnupta*	Slough Sedge
Ledum glandulosum	Smooth Labrador-Tea	*Deschampsia cespitosa*	Tufted Hairgrass
		Juncus effusus	Soft Rush
		Holcus lanatus	Common Velvet Grass
		Agrostis stolonifera	Spreading Bentgrass
		Ranunculus repens	Creeping Butter-Cup
		Sisyrinchium californicum	Golden Blue-Eye-Grass

Comments:

PARTIAL OFF-SITE. Disturbed mosaic (70% wetland, 30% upland). Piles of debris with perched water in lower areas. Hydrologically connected to JOH-8 by seasonal surface water and ditch system. Storm drainage from new housing subdivision to south. Channel has been partially excavated and channelized. Wetland is mix of scrub shrub (20%), and emergent (80%).Partially delineated by DSL WD# 02-0523.

Adjacent Upland Species: Rhamnus purshiana, Gaultheria shallon, Polystichum munitum, Rubus ursinsus, Myrica californica, Ulex europaeus, Hypochaeris radicata, Festuca arundinacea

COWARDIN CODES:	E2FO = estuarine forested	E2SS = estuarine scrub shrub	E2EM = estuarine emergent
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	POW = palustrine open water
HGM CODES:	EFB = Estuarine Fringe Embayment	EFR = Estuarine Fringe Riverine	RFT = Riverine Flow Through
RI = River Impounding	LFH = Lacustrine Fringe Headwater	LFV = Lacustrine Fringe Valley	DB = Depressional Bog
DA- Depressional Alkaline	DO = Depressional Outflow	DCP = Depressional Closed Permanent	DCNP = Depressional Nonpermanent
HS = Headwater Slope	VS = Valley Slope	FL = Flats	

Wetland Characterization Sheet

Project Name: Bandon Local Wetland Inventory

		Wetland Code:	JOH-8
Date(s) of field work:	1/17/02	Size (acres):	3.71
Data Sheet Numbers:	64, 65, 66, 67, 68	Cowardin Class(es):	PEM, PSS
Investigator(s):	PF, FS	HGM Class(es):	RFT, VS

Location -- Legal:	T. 28S, R. 15W, Section 36, CC, CD, C
Other:	West of 10l, north of Seabird Dr., east of Beach Loop Rd.
Tax Lots:	200, 2700, 1800, 1300, 1900, 2600, 3300 (CC), 900, 1000, 800, 705 (CD), 201 (C)
Hydrologic basin:	Johnson Creek
Soil -- Mapped series:	Blacklock fine sandy loam, 3-7% slopes
Hydrologic Source:	Precipitation, surface water, groundwater

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
Pinus contorta	Shore Pine	*Carex obnupta*	Slough Sedge
Alnus rubra	Red Alder	*Juncus articulatus*	Jointed Rush
Rubus spectabilis	Salmonberry	*Juncus effusus*	Soft Rush
Picea sitchensis	Sitka Spruce	*Holcus lanatus*	Common Velvet Grass
		Agrostis stolonifera	Spreading Bentgrass
VINES / HERBS		*Rorippa sp.*	Cress sp.
Scirpus microcarpus	Small-Fruit Bulrush	*Sisyrinchium californicum*	Golden Blue-Eye-Grass
Oenanthe sarmentosa	Water-Parsley	*Juncus ensifolius*	Dagger-Leaf Rush
Phalaris arundinacea	Reed Canary Grass	*Eleocharis ovata*	Ovate Spikerush
Lysichiton americanum	American Skunk-Cabbage	*Equisetum arvense*	Field Horsetail

Comments: **Locally Significant Wetland**

PARTIAL OFF-SITE. Some of site the has been disturbed by logging. Series of excavated drainages. Partially delineated DSL WD#00-0496, 02-0523, and FP-23172. Drains southwest and piped under Beach Loop Road. Palustrine emergent (75%) and scrub shrub (25%). Hydrologically connected to JOH-7 via ditches.

Adjacent Upland Species: Rhamnus purshiana, Gaultheria shallon, Polystichum munitum, Rubus ursinsus, Myrica californica, Ulex europaeus, Hypochaeris radicata, Festuca arundinacea

COWARDIN CODES:	E2FO = estuarine forested	E2SS = estuarine scrub shrub	E2EM = estuarine emergent
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	POW = palustrine open water
HGM CODES:	EFB = Estuarine Fringe Embayment	EFR = Estuarine Fringe Riverine	RFT = Riverine Flow Through
RI = River Impounding	LFH = Lacustrine Fringe Headwater	LFV = Lacustrine Fringe Valley	DB = Depressional Bog
DA- Depressional Alkaline	DO = Depressional Outflow	DCP = Depressional Closed Permanent	DCNP = Depressional Nonpermanent
HS = Headwater Slope	VS = Valley Slope	FL = Flats	

Wetland Characterization Sheet

Project Name: Bandon Local Wetland Inventory

		Wetland Code:	JOH-9
Date(s) of field work:	OFF-SITE	Size (acres):	1.08
Data Sheet Numbers:	N/A	Cowardin Class(es):	PEM, PSS
Investigator(s):	PF, JVS	HGM Class(es):	VS, RFT

Location -- Legal:	**T. 28S, R. 15W, Section 36, BA, BB**
Other:	**North of Seabird Drive, east of Beach Loop Road**
Tax Lots:	**1405, 3100 (BA), 402, 403, 500, 1100 (BB)**
Hydrologic basin:	**Johnson Creek**
Soil -- Mapped series:	**Blacklock fine sandy loam, 3-7% slopes, Bullards sandy loam, 0-7% slopes**
Hydrologic Source:	**Precipitation, surface water**

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
Rubus spectabilis	**Salmonberry**	***Carex obnupta***	**Slough Sedge**
Alnus rubra	**Red Alder**	***Equisetum arvense***	**Field Horsetail**
		Juncus effusus	**Soft Rush**
		Holcus lanatus	**Common Velvet Grass**
		Agrostis stolonifera	**Spreading Bentgrass**

Comments:

OFF-SITE. Includes palustine emergent wet meadow in east (DSL WD#00-0477) that drains southwest to ocean and piped under Beach Loop Road. Palustrine emergent (85%) and scrub shrub (15%).

Adjacent Upland Species: Rubus ursinsus, Ulex europaeus, Hypochaeris radicata, Festuca arundinacea, Dactylis glomerata, Taraxacum officinale,

COWARDIN CODES:	E2FO = estuarine forested	E2SS = estuarine scrub shrub	E2EM = estuarine emergent
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	POW = palustrine open water
HGM CODES:	EFB = Estuarine Fringe Embayment	EFR = Estuarine Fringe Riverine	RFT = Riverine Flow Through
RI = River Impounding	LFH = Lacustrine Fringe Headwater	LFV = Lacustrine Fringe Valley	DB = Depressional Bog
DA- Depressional Alkaline	DO = Depressional Outflow	DCP = Depressional Closed Permanent	DCNP = Depressional Nonpermanent
HS = Headwater Slope	VS = Valley Slope	FL = Flats	

Wetland Characterization Sheet

Project Name: Bandon Local Wetland Inventory

		Wetland Code:	**JOH-10**
Date(s) of field work:	**3/27/02**	Size (acres):	**0.50**
Data Sheet Numbers:	**73, 74, 75, 76**	Cowardin Class(es):	**PSS, PEM**
Investigator(s):	**SE/ME**	HGM Class(es):	**FL, DO**

Location -- Legal:	**T. 29S, R. 15W, Section 1, B**
Other:	**East of Golf Fairway Court**
Tax Lots:	**201 (B), 201**
Hydrologic basin:	**Johnson Creek**
Soil -- Mapped series:	**Blacklock fine sandy loam**
Hydrologic Source:	**Precipitation**

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
Salix hookeriana	**Hooker Willow**	***Agrostis tenuis***	**Colonial Bentgrass**
		Carex obnupta	**Slough Sedge**
		Juncus effusus	**Soft Rush**
		Phalaris arundinacea	**Reed Canary Grass**
		Holcus lanatus	**Common Velvet Grass**
		Aster sp.	**Aster**

Comments: **Locally Significant Wetland**

Wetland is mixed emergent (95%) and scrub/shrub (5%). In addition to direct precipitation, stormwater run-off from the north appears to contribute to shallow, seasonal depressional areas. Water overflows to the south via poorly defined drainges under a pair of driveways. Water apparently flows into a storm drain which diverts water around or under a number of residential structures to the south. The outlet of this structure is unknown.

Adjacent upland species: Ulex europaeus, Agrostis tenuis, Hypochaeris radicata, Aster sp., Anthoxanthum odoratum, Plantago major, Prunella vulgaris

COWARDIN CODES:	E2FO = estuarine forested	E2SS = estuarine scrub shrub	E2EM = estuarine emergent
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	POW = palustrine open water
HGM CODES:	EFB = Estuarine Fringe Embayment	EFR = Estuarine Fringe Riverine	RFT = Riverine Flow Through
RI = River Impounding	LFH = Lacustrine Fringe Headwater	LFV = Lacustrine Fringe Valley	DB = Depressional Bog
DA- Depressional Alkaline	DO = Depressional Outflow	DCP = Depressional Closed Permanent	DCNP = Depressional Nonpermanent
HS = Headwater Slope	VS = Valley Slope	FL = Flats	

Wetland Characterization Sheet

Project Name: Bandon Local Wetland Inventory

		Wetland Code:	**JOH-11**
Date(s) of field work:	**9/24/02**	Size (acres):	**0.52**
Data Sheet Numbers:	**71, 72**	Cowardin Class(es):	**PSS, PEM**
Investigator(s):	**SE/ME**	HGM Class(es):	**VS, DO**

Location -- Legal:	**T. 29S, R. 15W, Section 1, B**
Other:	**East of Golf Fairway Court**
Tax Lots:	**1100, 700 (B), 201**
Hydrologic basin:	**Johnson Creek**
Soil -- Mapped series:	**Blacklock fine sandy loam**
Hydrologic Source:	**Precipitation**

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
Myrica californica	Pacific Wax-Myrtle	*Phalaris arundinacea*	Reed Canary Grass
		Agrostis tenuis	Colonial Bentgrass
		Juncus effusus	Soft Rush
		Holcus lanatus	Common Velvet Grass

Comments: **Locally Significant Wetland**

The wetland is a palustrine scrub/shrub (75%) and emergent (25%) system with a direct hydrologic connection to Johnson Creek (JOH-3D). The north end is mixed PSS and PEM that develops a shallow channel and flow under two residential driveways and onto a golf course before converging with the main stem of Johnson Creek.

Adjacent upland species: Pinus contorta, Rhamnus purshiana, Gaultheria shallon, Vaccinium ovatum

COWARDIN CODES:	E2FO = estuarine forested	E2SS = estuarine scrub shrub	E2EM = estuarine emergent
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	POW = palustrine open water
HGM CODES:	EFB = Estuarine Fringe Embayment	EFR = Estuarine Fringe Riverine	RFT = Riverine Flow Through
RI = River Impounding	LFH = Lacustrine Fringe Headwater	LFV = Lacustrine Fringe Valley	DB = Depressional Bog
DA- Depressional Alkaline	DO = Depressional Outflow	DCP = Depressional Closed Permanent	DCNP = Depressional Nonpermanent
HS = Headwater Slope	VS = Valley Slope	FL = Flats	

Wetland Characterization Sheet

Project Name: Bandon Local Wetland Inventory

		Wetland Code:	**JOH-12**
Date(s) of field work:	**OFF-SITE**	Size (acres):	**0.62**
Data Sheet Numbers:	**N/A**	Cowardin Class(es):	**PSS**
Investigator(s):	**PF, JVS**	HGM Class(es):	**DCNP**

Location -- Legal:	**T. 29S, R. 15W, Section 1, BC**
Other:	**South of Seabird Drive, west of Beach Loop Road**
Tax Lots:	**1200, 1106, 1107, 1108 (BC)**
Hydrologic basin:	**Johnson Creek**
Soil -- Mapped series:	**Waldport fine sand, 0-30% slopes**
Hydrologic Source:	**Precipitation, surface water**

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
Rubus spectabilis	**Salmonberry**	***Carex obnupta***	**Slough Sedge**
Alnus rubra	**Red Alder**	***Equisetum arvense***	**Field Horsetail**
		Juncus effusus	**Soft Rush**
		Holcus lanatus	**Common Velvet Grass**
		Agrostis stolonifera	**Spreading Bentgrass**

Comments:

OFF-SITE. DSL WD#93-0301, 97-0081, FP 6574. Wetland depression that ponds water due to impoundment caused by driveways. Isolated.

Adjacent Upland Species: Rubus ursinsus, Ulex europaeus, Hypochaeris radicata

COWARDIN CODES:	E2FO = estuarine forested	E2SS = estuarine scrub shrub	E2EM = estuarine emergent
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	POW = palustrine open water
HGM CODES:	EFB = Estuarine Fringe Embayment	EFR = Estuarine Fringe Riverine	RFT = Riverine Flow Through
RI = River Impounding	LFH = Lacustrine Fringe Headwater	LFV = Lacustrine Fringe Valley	DB = Depressional Bog
DA- Depressional Alkaline	DO = Depressional Outflow	DCP = Depressional Closed Permanent	DCNP = Depressional Nonpermanent
HS = Headwater Slope	VS = Valley Slope	FL = Flats	

Wetland Characterization Sheet

Project Name: Bandon Local Wetland Inventory

		Wetland Code:	**JOH-13**
Date(s) of field work:	**OFF-SITE**	Size (acres):	**0.50**
Data Sheet Numbers:	**N/A**	Cowardin Class(es):	**PSS**
Investigator(s):	**PF, JVS**	HGM Class(es):	**DCNP**

Location -- Legal:	**T. 29S, R. 15W, Section 1, CB**
Other:	**East of Beach Loop Road, opposite Polaris Lane**
Tax Lots:	**100, 2100, 2000 (CB)**
Hydrologic basin:	**Johnson Creek**
Soil -- Mapped series:	**Blacklock fine sandy loam, 3-7% slopes**
Hydrologic Source:	**Precipitation, surface water**

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
Rubus spectabilis	**Salmonberry**	***Carex obnupta***	**Slough Sedge**
Salix hookeriana	**Hooker Willow**		

Comments:

OFF-SITE. Wetland depression that ponds water. Isolated.

Adjacent Upland Species: Rubus ursinsus, Ulex europaeus, Hypochaeris radicata

COWARDIN CODES:	E2FO = estuarine forested	E2SS = estuarine scrub shrub	E2EM = estuarine emergent
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	POW = palustrine open water
HGM CODES:	EFB = Estuarine Fringe Embayment	EFR = Estuarine Fringe Riverine	RFT = Riverine Flow Through
RI = River Impounding	LFH = Lacustrine Fringe Headwater	LFV = Lacustrine Fringe Valley	DB = Depressional Bog
DA- Depressional Alkaline	DO = Depressional Outflow	DCP = Depressional Closed Permanent	DCNP = Depressional Nonpermanent
HS = Headwater Slope	VS = Valley Slope	FL = Flats	

Wetland Characterization Sheet

Project Name: Bandon Local Wetland Inventory

		Wetland Code:	JOH-14
Date(s) of field work:	OFF-SITE	Size (acres):	0.44
Data Sheet Numbers:	N/A	Cowardin Class(es):	PEM
Investigator(s):	PF, JVS	HGM Class(es):	DCNP

Location -- Legal:	**T. 29S, R. 15W, Section 1, CB**
Other:	**East of Beach Loop Road, opposite Mars Lane**
Tax Lots:	**4900, 4800, 4801 (CB)**
Hydrologic basin:	**Johnson Creek**
Soil -- Mapped series:	**Blacklock fine sandy loam, 3-7% slopes**
Hydrologic Source:	**Precipitation, surface water**

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
Salix hookeriana	**Hooker Willow**	***Carex obnupta***	**Slough Sedge**

Comments:

OFF-SITE. Wetland depressions that pond water on both sides of Beach Loop Road. Isolated.

Adjacent Upland Species: Ulex europaeus

COWARDIN CODES:	E2FO = estuarine forested	E2SS = estuarine scrub shrub	E2EM = estuarine emergent
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	POW = palustrine open water
HGM CODES:	EFB = Estuarine Fringe Embayment	EFR = Estuarine Fringe Riverine	RFT = Riverine Flow Through
RI = River Impounding	LFH = Lacustrine Fringe Headwater	LFV = Lacustrine Fringe Valley	DB = Depressional Bog
DA- Depressional Alkaline	DO = Depressional Outflow	DCP = Depressional Closed Permanent	DCNP = Depressional Nonpermanent
HS = Headwater Slope	VS = Valley Slope	FL = Flats	

Wetland Characterization Sheet

Project Name: Bandon Local Wetland Inventory

		Wetland Code:	**JOH-15**
Date(s) of field work:	**OFF-SITE**	Size (acres):	**1.74**
Data Sheet Numbers:	**N/A**	Cowardin Class(es):	**PEM, PSS, PFO**
Investigator(s):	**PF, JVS**	HGM Class(es):	**VS, RFT**

Location -- Legal:	**T. 29S, R. 15W, Section 1**
Other:	**West of Hwy. 101**
Tax Lots:	**500**
Hydrologic basin:	**Johnson Creek**
Soil -- Mapped series:	**Blacklock fine sandy loam, 3-7% slopes**
Hydrologic Source:	**Surface water, precipitation, groundwater**

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
Alnus rubra	**Red Alder**	***Carex obnupta***	**Slough Sedge**
Picea sitchensis	**Sitka Spruce**	***Festuca rubra***	**Red Fescue**
Lonicera involucrata	**Bearberry Honeysuckle**	***Juncus effusus***	**Soft Rush**
Salix hookeriana	**Hooker Willow**	***Oenanthe sarmentosa***	**Water-Parsley**
Rubus spectabilis	**Salmonberry**	***Scirpus microcarpus***	**Small-Fruit Bulrush**
Pinus contorta	**Shore Pine**	***Holcus lanatus***	**Common Velvet Grass**

Comments: **Locally Significant Wetland**

OFF-SITE. Johnson Creek wetlands on west side of Highway 101. Wetland begins near Oceanspray plant and extends west. Hydrologically connected to JOH-3D and JOH-16 by surface water. Wetland is mix of forested (10%), scrub shrub (50%), and emergent (40%).

Adjacent Upland Species: Rhamnus purshiana, Gaultheria shallon, Polystichum munitum, Rubus ursinsus, Myrica californica, Ulex europaeus, Hypochaeris radicata, Festuca arundinacea, Iris sp., Vaccinium parvifolium, V. ovatum, Pteridium aqulinium, Cytisus scoparius, Erechtites minima

COWARDIN CODES:	E2FO = estuarine forested	E2SS = estuarine scrub shrub	E2EM = estuarine emergent
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	POW = palustrine open water
HGM CODES:	EFB = Estuarine Fringe Embayment	EFR = Estuarine Fringe Riverine	RFT = Riverine Flow Through
RI = River Impounding	LFH = Lacustrine Fringe Headwater	LFV = Lacustrine Fringe Valley	DB = Depressional Bog
DA- Depressional Alkaline	DO = Depressional Outflow	DCP = Depressional Closed Permanent	DCNP = Depressional Nonpermanent
HS = Headwater Slope	VS = Valley Slope	FL = Flats	

Wetland Characterization Sheet

Project Name: Bandon Local Wetland Inventory

		Wetland Code:	JOH-16
Date(s) of field work:	OFF-SITE	Size (acres):	1.22
Data Sheet Numbers:	N/A	Cowardin Class(es):	PEM, PSS, POWx
Investigator(s):	PF, JVS	HGM Class(es):	RI, DCP

Location -- Legal:	T. 29S, R. 15W, Section 1
Other:	West of Hwy. 101, south of Oceanspray property
Tax Lots:	1000, 800, 500
Hydrologic basin:	Johnson Creek
Soil -- Mapped series:	Blacklock fine sandy loam, 3-7% slopes
Hydrologic Source:	Surface water, precipitation, groundwater

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
Alnus rubra	Red Alder	*Carex obnupta*	Slough Sedge
Picea sitchensis	Sitka Spruce	*Juncus bolanderi*	Bolander's Rush
Lonicera involucrata	Bearberry Honeysuckle	*Juncus effusus*	Soft Rush
Salix hookeriana	Hooker Willow	*Sparganium emersum*	Narrow-Leaf Burreed
Rubus spectabilis	Salmonberry	*Typha latifolia*	Common Cattail
		Nuphar luteum	Yellow Cow-Lily

Comments: **Locally Significant Wetland**

OFF-SITE. Excavated ponds and small drainage just south of Oceanspray cranberry property. Old mill ponds or cranberry bogs? Hydrologically connected to JOH-15 and JOH-17 by surface water. Wetland is mix of scrub shrub (30%), emergent (50%), and open water, excavated (20%).

Adjacent Upland Species: Rhamnus purshiana, Gaultheria shallon, Polystichum munitum, Rubus ursinsus, Myrica californica, Ulex europaeus, Erechtites minima

COWARDIN CODES:	E2FO = estuarine forested	E2SS = estuarine scrub shrub	E2EM = estuarine emergent
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	POW = palustrine open water
HGM CODES:	EFB = Estuarine Fringe Embayment	EFR = Estuarine Fringe Riverine	RFT = Riverine Flow Through
RI = River Impounding	LFH = Lacustrine Fringe Headwater	LFV = Lacustrine Fringe Valley	DB = Depressional Bog
DA- Depressional Alkaline	DO = Depressional Outflow	DCP = Depressional Closed Permanent	DCNP = Depressional Nonpermanent
HS = Headwater Slope	VS = Valley Slope	FL = Flats	

Wetland Characterization Sheet

Project Name: Bandon Local Wetland Inventory

		Wetland Code:	**JOH-17**
Date(s) of field work:	**OFF-SITE**	Size (acres):	**3.59**
Data Sheet Numbers:	**N/A**	Cowardin Class(es):	**PEM**
Investigator(s):	**PF, JVS**	HGM Class(es):	**DO, DCNP**

Location -- Legal:	**T. 29S, R. 14W, Section 6**
Other:	**East of Hwy. 101, west of Airport**
Tax Lots:	**2500, 3000, 2502, 2900**
Hydrologic basin:	**Johnson Creek**
Soil -- Mapped series:	**Blacklock fine sandy loam, 3-7% slopes**
Hydrologic Source:	**Precipitation, groundwater**

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
		Carex obnupta	**Slough Sedge**
		Juncus effusus	**Soft Rush**

Comments:

OFF-SITE. Series of excavated drainages and channels through disturbed field. Hydrologically connected to JOH-16 by surface water. Mostly unvegetated.

Adjacent Upland Species: Ulex europaeus, Cytisus scoparius

COWARDIN CODES:	E2FO = estuarine forested	E2SS = estuarine scrub shrub	E2EM = estuarine emergent
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	POW = palustrine open water
HGM CODES:	EFB = Estuarine Fringe Embayment	EFR = Estuarine Fringe Riverine	RFT = Riverine Flow Through
RI = River Impounding	LFH = Lacustrine Fringe Headwater	LFV = Lacustrine Fringe Valley	DB = Depressional Bog
DA- Depressional Alkaline	DO = Depressional Outflow	DCP = Depressional Closed Permanent	DCNP = Depressional Nonpermanent
HS = Headwater Slope	VS = Valley Slope	FL = Flats	

Appendix C

Wetland Determination Data Forms



Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	City of Bandon LWI		Number: 2395	Sample Site	SIM-3-1
Applicant:	City of Bandon	County:	Coos	Date:	5/9/02
Investigators:	SE/FS	Township:	28 S Range: 14 W	Section:	19

Do Normal Circumstances exist on this site? **Yes** Is the area a potential Problem Area? **No**

Is this an Atypical Situation? **No**

HYDROLOGY

Depth of Surf. H2O		**Inches**
Depth to Free H20	**4**	**Inches**
Depth to Saturation	**0**	**Inches**

Primary Indicators		**Secondary Indicators**
Inundated		**Ox. rhizospheres**
Sat. in Upper 12"	**Yes**	**H20-stained leaves**
Water Marks		**Local Soil Survey**
Drift Lines		**FAC Neutral Test**
Sediment Deposits		**Other** _____
Drainage patterns		**Criteria Met: Yes**

SOILS **Mapped Series:** Bullards sandy loam **Hydric Soil?:** No

Classification: Typic Haplorthods **Drainage Class:** well drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-16	10 YR 2/2	mucky peat				many roots in plot

*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay

Criteria Met: Yes

VEGETATION

Tree Stratum (0%)	Status	% Cover

Shrub Stratum (4%)	Status	% Cover
*Rubus spectabilis**	FAC+	100

Herbaceous Stratum (95%)	Status	% Cover
*Carex obnupta**	OBL	40
*Phalaris arundinacea**	FACW	30
*Athyrium filix-femina**	FAC	20
Epilobium watsonii	FACW-	1
Scirpus microcarpus	OBL	5
Equisetum arvense	FAC	2
Juncus effusus	FACW	2

Woody Vine Stratum (1%)	Status	% Cover
*Rubus ursinus**	FACU	100

***Percent of dominant species FAC, FACW, or OBL:** 80% **Criteria Met: Yes**

Comments: In wetland below dam.

Determination: Wetland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	City of Bandon LWI		Number: 2395	Sample Site	SIM-3-2
Applicant:	City of Bandon	County:	Coos	Date:	5/9/02
Investigators:	SE/FS	Township:	28 S Range: 14 W	Section:	19

Do Normal Circumstances exist on this site? **Yes** Is the area a potential Problem Area? **No**

Is this an Atypical Situation? **No**

HYDROLOGY

			Primary Indicators	Secondary Indicators
			Inundated	Ox. rhizospheres
			Sat. in Upper 12"	H20-stained leaves
Depth of Surf. H2O		Inches	Water Marks	Local Soil Survey
Depth to Free H20	>16	Inches	Drift Lines	FAC Neutral Test
Depth to Saturation	>16	Inches	Sediment Deposits	Other _____
			Drainage patterns	Criteria Met: No

SOILS **Mapped Series:** Bullards sandy loam **Hydric Soil?:** No

Classification: Typic Haplorthods **Drainage Class:** well drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-16	10 YR 3/3.5	SDL				

*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay

Criteria Met: No

VEGETATION

Tree Stratum (50%)	Status	% Cover
*Pseudotsuga menziesii**	FACU	70
*Alnus rubra**	FAC	30

Shrub Stratum (20%)	Status	% Cover
*Gaultheria shallon**	FACU	60
*Rhamnus purshiana**	FAC-	40

Herbaceous Stratum (20%)	Status	% Cover
*Polystichum munitum**	FACU	60
*Dicentra formosa**	FACU	20
Pteridium aquilinum	FACU	5
Galium aparine	FACU	1
Disporum smithii	UPL	2
Stachys cooleyae	FACW	2
Phalaris arundinacea	FACW	10

Woody Vine Stratum (10%)	Status	% Cover
*Rubus ursinus**	FACU	100

***Percent of dominant species FAC, FACW, or OBL:** 14% Criteria Met: No

Comments: Within 50' of dam/falls on Spring Creeek, on steep slope almost to Highway 101. Culvert approximately 36" in diameter.

Determination: Upland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	City of Bandon LWI	Number:	2395	Sample Site	SIM-3-3
Applicant:	City of Bandon	County:	Coos	Date:	5/9/02
Investigators:	SE/FS	Township:	28 S	Range: 14 W	Section: 19

Do Normal Circumstances exist on this site? **Yes** Is the area a potential Problem Area? **No**

Is this an Atypical Situation? **No**

HYDROLOGY

			Primary Indicators		Secondary Indicators
			Inundated		Ox. rhizospheres
			Sat. in Upper 12"	Yes	H20-stained leaves
Depth of Surf. H2O		Inches	Water Marks		Local Soil Survey
Depth to Free H20	>14	Inches	Drift Lines		FAC Neutral Test
Depth to Saturation	6	Inches	Sediment Deposits		Other _____
			Drainage patterns		Criteria Met: Yes

SOILS **Mapped Series:** Bullards sandy loam **Hydric Soil?:** No

Classification: Typic Haplorthods **Drainage Class:** well drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-14	10 YR 2/1.5	muck				

*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay

Criteria Met: Yes

VEGETATION

Tree Stratum (0%)	Status	% Cover

Shrub Stratum (60%)	Status	% Cover
*Rubus spectabilis**	FAC+	90
Lonicera involucrata	FAC+	10

Herbaceous Stratum (40%)	Status	% Cover
*Lysichiton americanum**	OBL	60
Athyrium filix-femina	FAC	10
*Mitella ovalis**	OBL	30
Cardamine angulata	FACW	trace

Woody Vine Stratum (0%)	Status	% Cover

***Percent of dominant species FAC, FACW, or OBL:** 100% Criteria Met: Yes

Comments: Below property on 7th Street in steep ravine within Spring Creek at bottom. Bench extending approx. 15' out from creek, varies 0-15 wide.

Determination: Wetland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	City of Bandon LWI	Number:	2395	Sample Site	SIM-3-4
Applicant:	City of Bandon	County:	Coos	Date:	5/9/02
Investigators:	SE/FS	Township:	28 S	Range: 14 W	Section: 19

Do Normal Circumstances exist on this site? **Yes** Is the area a potential Problem Area? **No**

Is this an Atypical Situation? **No**

HYDROLOGY

			Primary Indicators	Secondary Indicators
			Inundated	Ox. rhizospheres
			Sat. in Upper 12"	H20-stained leaves
Depth of Surf. H2O		Inches	Water Marks	Local Soil Survey
Depth to Free H20	>14	Inches	Drift Lines	FAC Neutral Test
Depth to Saturation	>14	Inches	Sediment Deposits	Other _____
			Drainage patterns	Criteria Met: No

SOILS **Mapped Series:** Bullards sandy loam **Hydric Soil?:** No

Classification: Typic Haplorthods **Drainage Class:** well drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-2	10 YR 2/2	SL				high organic content
2-14+	7.5 YR 2.5/3	SL				

*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay

Criteria Met: No

VEGETATION

Tree Stratum (0%)	Status	% Cover	Herbaceous Stratum (35%)	Status	% Cover
			*Polystichum munitum**	FACU	100
Shrub Stratum (65%)	**Status**	**% Cover**			
*Rubus spectabilis**	FAC+	100			
			Woody Vine Stratum (0%)	**Status**	**% Cover**

***Percent of dominant species FAC, FACW, or OBL:** 50% Criteria Met: No

Comments: Upslope of SIM-3-3 in steep ravine. Scattered young Alnus rubra on slope,which has been logged in past.

Determination: Upland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	City of Bandon LWI	Number:	2395	Sample Site	SIM-6-5
Applicant:	City of Bandon	County:	Coos	Date:	5/8/02
Investigators:	SE/FS	Township:	28 S	Range: 14 W	Section: 30

Do Normal Circumstances exist on this site? **Yes** Is the area a potential Problem Area? **No**

Is this an Atypical Situation? **No**

HYDROLOGY

			Primary Indicators		Secondary Indicators
			Inundated		Ox. rhizospheres
			Sat. in Upper 12"	Yes	H20-stained leaves
Depth of Surf. H2O		Inches	Water Marks		Local Soil Survey
Depth to Free H20	12	Inches	Drift Lines		FAC Neutral Test
Depth to Saturation	4	Inches	Sediment Deposits		Other _____
			Drainage patterns		Criteria Met: Yes

SOILS **Mapped Series:** Waldport fine sand **Hydric Soil?:** No

Classification: Typic Tropopsamments **Drainage Class:** excessively drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-16	10 YR 2/2	mucky peat				wood debris in plot

*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay

Criteria Met: Yes

VEGETATION

Tree Stratum (30%)	Status	% Cover
*Picea sitchensis**	FAC	40
*Alnus rubra**	FAC	60

Shrub Stratum (35%)	Status	% Cover
*Rubus spectabilis**	FAC+	85
Sambucus racemosa	FACU	15

Herbaceous Stratum (35%)	Status	% Cover
*Lysichiton americanum**	OBL	55
Athyrium filix-femina	FAC	15
Cardamine sp.	FACW	10
Oenanthe sarmentosa	OBL	5
Erechtites minima	UPL	5
Equisetum arvense	FAC	trace
Maianthemum dilatatum	FAC	10

Woody Vine Stratum (0%)	Status	% Cover

***Percent of dominant species FAC, FACW, or OBL:** 100% Criteria Met: Yes

Comments: Kelley property off Riverside Drive.

Determination: Wetland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	City of Bandon LWI		Number: 2395	Sample Site	SIM-6-6
Applicant:	City of Bandon	County:	Coos	Date:	5/8/02
Investigators:	SE/FS	Township:	28 S Range: 14 W	Section:	30

Do Normal Circumstances exist on this site? **Yes** Is the area a potential Problem Area? **No**

Is this an Atypical Situation? **No**

HYDROLOGY

			Primary Indicators	Secondary Indicators
			Inundated	Ox. rhizospheres
			Sat. in Upper 12"	H20-stained leaves
Depth of Surf. H2O		Inches	Water Marks	Local Soil Survey
Depth to Free H20	>16	Inches	Drift Lines	FAC Neutral Test
Depth to Saturation	>16	Inches	Sediment Deposits	Other _____
			Drainage patterns	Criteria Met: No

SOILS **Mapped Series:** Bullards sandy loam **Hydric Soil?:** No

Classification: Typic Haplorthods **Drainage Class:** well drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-16	10 YR 2/1	SDL				gravel below 14" high organic content

*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay

Criteria Met: Yes

VEGETATION

Tree Stratum (45%)	Status	% Cover
*Picea sitchensis**	FAC	100

Shrub Stratum (25%)	Status	% Cover
*Rubus spectabilis**	FAC+	30
*Sambucus racemosa**	FACU	70

Herbaceous Stratum (10%)	Status	% Cover
Maianthemum dilatatum	FAC	5
*Polystichum munitum**	FACU	95

Woody Vine Stratum (20%)	Status	% Cover
*Hedera helix**	UPL	100

***Percent of dominant species FAC, FACW, or OBL:** 40% Criteria Met: No

Comments: On steep bank of bluff east of Kelley's house.

Determination: Upland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	City of Bandon LWI		Number: 2395	Sample Site	FER-1-7
Applicant:	City of Bandon	County:	Coos	Date:	4/1/02
Investigators:	PF/JVS	Township:	28 S Range: 14 W	Section:	30

Do Normal Circumstances exist on this site? **Yes** Is the area a potential Problem Area? **No**

Is this an Atypical Situation? **No**

HYDROLOGY

			Primary Indicators	Secondary Indicators
			Inundated	Ox. rhizospheres
			Sat. in Upper 12"	H20-stained leaves
Depth of Surf. H2O		Inches	Water Marks	Local Soil Survey
Depth to Free H20	>16	Inches	Drift Lines	FAC Neutral Test
Depth to Saturation	>16	Inches	Sediment Deposits	Other
			Drainage patterns	Criteria Met: No

SOILS **Mapped Series:** Bullards sandy loam **Hydric Soil?:** No

Classification: Typic Haplorthods **Drainage Class:** well drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-3	10 YR 3/3	SL				
3-16	10 YR 3/1	SL				

*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay

Criteria Met: Yes

VEGETATION

Tree Stratum (0%)	Status	% Cover

Shrub Stratum (50%)	Status	% Cover
*Sambucus racemosa**	FACU	40
*Rhamnus purshiana**	FAC-	40
*Gaultheria shallon**	FACU	20

Herbaceous Stratum (40%)	Status	% Cover
*Maianthemum dilatatum**	FAC	60
*Polystichum munitum**	FACU	40

Woody Vine Stratum (10%)	Status	% Cover
*Rubus ursinus**	FACU	100

***Percent of dominant species FAC, FACW, or OBL:** 17% Criteria Met: No

Comments: Upland slope 4 inches above the wetland is greater than 20%.

Determination: Upland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	City of Bandon LWI	Number:	2395	Sample Site	FER-1-8
Applicant:	City of Bandon	County:	Coos	Date:	4/1/02
Investigators:	PF/JVS	Township:	28 S	Range: 14 W	Section: 30

Do Normal Circumstances exist on this site? **Yes** Is the area a potential Problem Area? **No**

Is this an Atypical Situation? **No**

HYDROLOGY

			Primary Indicators		Secondary Indicators
			Inundated		Ox. rhizospheres
			Sat. in Upper 12"	Yes	H20-stained leaves
Depth of Surf. H2O		Inches	Water Marks		Local Soil Survey
Depth to Free H20	5	Inches	Drift Lines		FAC Neutral Test
Depth to Saturation	0	Inches	Sediment Deposits		Other _____
			Drainage patterns		Criteria Met: Yes

SOILS **Mapped Series:** Willanch fine sandy loam **Hydric Soil?:** Yes

Classification: Aeric Tropaquepts **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-16	10 YR 4/1	SCL	10 YR 3/6	few, coarse, distinct		

*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay

Criteria Met: Yes

VEGETATION

Tree Stratum (0%)	Status	% Cover

Shrub Stratum (30%)	Status	% Cover
*Sambucus racemosa**	FACU	20
*Rhamnus purshiana**	FAC-	50
*Rubus spectabilis**	FAC+	30

Herbaceous Stratum (70%)	Status	% Cover
Lysichiton americanum	OBL	10
*Phalaris arundinacea**	FACW	70
*Athyrium filix-femina**	FAC	20

Woody Vine Stratum (0%)	Status	% Cover

***Percent of dominant species FAC, FACW, or OBL:** 60% Criteria Met: Yes

Comments: On the north side of creek and wetland. Lots of snags. High quality wetland with palustrine forested/scrub-shrub components.

Determination: Wetland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	City of Bandon LWI	Number:	2395	Sample Site	FER-1-9
Applicant:	City of Bandon	County:	Coos	Date:	4/1/02
Investigators:	PF/JVS	Township:	28 S	Range: 14 W	Section: 30

Do Normal Circumstances exist on this site? **Yes** Is the area a potential Problem Area? **No**

Is this an Atypical Situation? **No**

HYDROLOGY

			Primary Indicators	Secondary Indicators
			Inundated	Ox. rhizospheres Yes
			Sat. in Upper 12"	H20-stained leaves
Depth of Surf. H2O		Inches	Water Marks	Local Soil Survey
Depth to Free H20	>16	Inches	Drift Lines	FAC Neutral Test
Depth to Saturation	>16	Inches	Sediment Deposits	Other
			Drainage patterns Yes	Criteria Met: Yes

SOILS **Mapped Series:** Willanch fine sandy loam **Hydric Soil?:** Yes

Classification: Aeric Tropaquepts **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-8	10 YR 3/2	SL	7.5 YR 4/6	common, medium, distinct		
8-16	10 YR 3/1	SDL	7.5 YR 4/4	common, medium, distinct		

*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay

Criteria Met: Yes

VEGETATION

Tree Stratum (20%)	Status	% Cover	Herbaceous Stratum (60%)	Status	% Cover
*Rhamnus purshiana**	FAC-	100	*Lysichiton americanum**	OBL	20
			*Carex obnupta**	OBL	30
			*Phalaris arundinacea**	FACW	30
			Holcus lanatus	FAC	10
			Oenanthe sarmentosa	OBL	10
Shrub Stratum (20%)	**Status**	**% Cover**			
*Sambucus racemosa**	FACU	100			
			Woody Vine Stratum (0%)	**Status**	**% Cover**

***Percent of dominant species FAC, FACW, or OBL:** 60% Criteria Met: Yes

Comments: Very large wetland surrounding Ferry Creek (about15 ft. wide). Edge of wetland at foot of steep side slope. Shallow, seasonal grdwater table. Small areas of ponding.

Determination: Wetland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	City of Bandon LWI	Number:	2395	Sample Site	FER-1-10
Applicant:	City of Bandon	County:	Coos	Date:	4/1/02
Investigators:	PF/JVS	Township:	28 S	Range: 14 W	Section: 30

Do Normal Circumstances exist on this site? **Yes** Is the area a potential Problem Area? **No**

Is this an Atypical Situation? **No**

HYDROLOGY

			Primary Indicators	Secondary Indicators
			Inundated	Ox. rhizospheres
			Sat. in Upper 12"	H20-stained leaves
Depth of Surf. H2O		Inches	Water Marks	Local Soil Survey
Depth to Free H20	>16	Inches	Drift Lines	FAC Neutral Test
Depth to Saturation	>16	Inches	Sediment Deposits	Other _____
			Drainage patterns	Criteria Met: No

SOILS **Mapped Series:** Bullards sandy loam **Hydric Soil?:** No

Classification: Typic Haplorthods **Drainage Class:** well drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-16	7.5 YR 2.5/2	SL				

*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay

Criteria Met: No

VEGETATION

Tree Stratum (0%)	Status	% Cover

Shrub Stratum (55%)	Status	% Cover
*Rubus spectabilis**	FAC+	20
Lonicera involucrata	FAC+	15
*Rhamnus purshiana**	FAC-	55
Sambucus racemosa	FACU	10

Herbaceous Stratum (45%)	Status	% Cover
*Polystichum munitum**	FACU	30
*Maianthemum dilatatum**	FAC	55
Oxalis oregana	UPL	10
Stachys cooleyae	FACW	5

Woody Vine Stratum (0%)	Status	% Cover

***Percent of dominant species FAC, FACW, or OBL:** 50% Criteria Met: No

Comments: On southern slope above wetland.

Determination: Upland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	**City of Bandon LWI**	Number:	**2395**	Sample Site	**FER-1-11**
Applicant:	**City of Bandon**	County:	**Coos**	Date:	**4/1/02**
Investigators:	**PF/JVS**	Township:	**28 S** Range: **14 W**	Section:	**30**

Do Normal Circumstances exist on this site? **Yes** Is the area a potential Problem Area? **No**

Is this an Atypical Situation? **No**

HYDROLOGY

			Primary Indicators	Secondary Indicators
			Inundated	**Ox. rhizospheres**
			Sat. in Upper 12"	**H20-stained leaves**
Depth of Surf. H2O		**Inches**	**Water Marks**	**Local Soil Survey**
Depth to Free H20	**>16**	**Inches**	**Drift Lines**	**FAC Neutral Test**
Depth to Saturation	**>16**	**Inches**	**Sediment Deposits**	**Other** _____
			Drainage patterns	**Criteria Met: No**

SOILS **Mapped Series:** Bullards sandy loam **Hydric Soil?:** No

Classification: Typic Haplorthods **Drainage Class:** well drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-3	10 YR 3/3	SL				
3-16	10 YR 3/2	SL				

*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay

Criteria Met: No

VEGETATION

Tree Stratum (20%)	Status	% Cover	Herbaceous Stratum (15%)	Status	% Cover
*Pinus contorta**	FAC	100	*Polystichum munitum**	FACU	100
Shrub Stratum (65%)	**Status**	**% Cover**			
*Rubus spectabilis**	FAC+	30			
*Rhamnus purshiana**	FAC-	20	**Woody Vine Stratum (0%)**	**Status**	**% Cover**
*Gaultheria shallon**	FACU	30			
*Myrica californica**	FACW	20			

***Percent of dominant species FAC, FACW, or OBL:** 50% **Criteria Met: No**

Comments: End of 6th Street. Area has been logged, relatively few trees have grown back on side slopes. Approximately 25 feet above narrow drainage.

Determination: Upland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	City of Bandon LWI	Number:	2395	Sample Site	FER-1-12
Applicant:	City of Bandon	County:	Coos	Date:	4/1/02
Investigators:	PF/JVS	Township:	28 S	Range: 14 W	Section: 30

Do Normal Circumstances exist on this site? **Yes** Is the area a potential Problem Area? **No**

Is this an Atypical Situation? **No**

HYDROLOGY			Primary Indicators		Secondary Indicators
			Inundated		Ox. rhizospheres
			Sat. in Upper 12"	Yes	H20-stained leaves
Depth of Surf. H2O		Inches	Water Marks		Local Soil Survey
Depth to Free H20	>16	Inches	Drift Lines		FAC Neutral Test
Depth to Saturation	12	Inches	Sediment Deposits		Other _____
			Drainage patterns		Criteria Met: Yes

SOILS **Mapped Series:** Bullards sandy loam **Hydric Soil?:** No

Classification: Typic Haplorthods **Drainage Class:** well drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-12	10 YR 3/2	SCL				
12-16	10 YR 3/2	SDSC	10 YR 4/2	few, coarse, distinct		sandy silty clay loam

*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay

Criteria Met: Yes

VEGETATION

Tree Stratum (0%)	Status	% Cover	Herbaceous Stratum (20%)	Status	% Cover
			*Lysichiton americanum**	OBL	40
			*Athyrium filix-femina**	FAC	30
			*Polystichum munitum**	FACU	30
Shrub Stratum (80%)	**Status**	**% Cover**			
*Salix hookeriana**	FACW-	20			
*Rubus spectabilis**	FAC+	80	**Woody Vine Stratum (0%)**	**Status**	**% Cover**

***Percent of dominant species FAC, FACW, or OBL:** 80% Criteria Met: Yes

Comments: Ferry Creek at end of 6th Street, narrow drainage about 2-3 feet wide at base of steep hillside. Very narrow wetland fringe.

Determination: Wetland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	City of Bandon LWI		Number: 2395		Sample Site	FER-1-13	
Applicant:	City of Bandon	County:	Coos		Date:	3/27/02	
Investigators:	ME/SE	Township:	28 S	Range: 14 W	Section:	30	

Do Normal Circumstances exist on this site? **Yes** Is the area a potential Problem Area? **No**

Is this an Atypical Situation? **No**

HYDROLOGY

Depth of Surf. H2O		Inches
Depth to Free H20	12	Inches
Depth to Saturation	0	Inches

Primary Indicators		Secondary Indicators
Inundated		Ox. rhizospheres
Sat. in Upper 12"	Yes	H20-stained leaves
Water Marks		Local Soil Survey
Drift Lines		FAC Neutral Test
Sediment Deposits		Other
Drainage patterns		

Criteria Met: Yes

SOILS **Mapped Series:** Bullards sandy loam **Hydric Soil?:** No

Classification: Typic Haplorthods **Drainage Class:** well drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-16+	10 YR 2/1	peat				

*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay

Criteria Met: Yes

VEGETATION

Tree Stratum (10%)	Status	% Cover
*Alnus rubra**	FAC	100

Shrub Stratum (70%)	Status	% Cover
*Rubus spectabilis**	FAC+	80
*Gaultheria shallon**	FACU	20

Herbaceous Stratum (20%)	Status	% Cover
*Lysichiton americanum**	OBL	55
Polystichum munitum	FACU	15
*Carex obnupta**	OBL	30

Woody Vine Stratum (0%)	Status	% Cover

***Percent of dominant species FAC, FACW, or OBL:** 80% **Criteria Met:** Yes

Comments: Plot taken about 60 feet upslope of creek.

Determination: Wetland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	City of Bandon LWI	Number:	2395	Sample Site	FER-1-14
Applicant:	City of Bandon	County:	Coos	Date:	4/1/02
Investigators:	PF/JVS	Township:	28 S	Range: 14 W	Section: 30

Do Normal Circumstances exist on this site? **Yes** Is the area a potential Problem Area? **No**

Is this an Atypical Situation? **No**

HYDROLOGY

			Primary Indicators		Secondary Indicators
			Inundated	Yes	Ox. rhizospheres
			Sat. in Upper 12"	Yes	H20-stained leaves
Depth of Surf. H2O		Inches	Water Marks		Local Soil Survey
Depth to Free H20	1	Inches	Drift Lines		FAC Neutral Test
Depth to Saturation	0	Inches	Sediment Deposits		Other
			Drainage patterns		Criteria Met: Yes

SOILS **Mapped Series:** Willanch fine sandy loam **Hydric Soil?:** Yes

Classification: Aeric Tropaquepts **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-4		duff				
4-16	10 YR 3/2	SC			H2S odor	

*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay

Criteria Met: Yes

VEGETATION

Tree Stratum (0%)	Status	% Cover

Shrub Stratum (30%)	Status	% Cover
*Lonicera involucrata**	FAC+	50
*Rubus spectabilis**	FAC+	50

Herbaceous Stratum (70%)	Status	% Cover
*Carex obnupta**	OBL	55
*Phalaris arundinacea**	FACW	20
*Equisetum arvense**	FAC	20
Vicia gigantea	NI	5

Woody Vine Stratum (0%)	Status	% Cover

***Percent of dominant species FAC, FACW, or OBL:** 100% Criteria Met: Yes

Comments: Where channel joins the main wetland.

Determination: Wetland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	City of Bandon LWI	Number:	2395	Sample Site	FER-1-15
Applicant:	City of Bandon	County:	Coos	Date:	4/1/02
Investigators:	PF/JVS	Township:	28 S	Range: 14 W	Section: 30

Do Normal Circumstances exist on this site? **Yes** Is the area a potential Problem Area? **No**

Is this an Atypical Situation? **No**

HYDROLOGY

			Primary Indicators	Secondary Indicators
			Inundated	Ox. rhizospheres
			Sat. in Upper 12"	H20-stained leaves
Depth of Surf. H2O		Inches	Water Marks	Local Soil Survey
Depth to Free H20	>16	Inches	Drift Lines	FAC Neutral Test
Depth to Saturation	>16	Inches	Sediment Deposits	Other _____
			Drainage patterns	Criteria Met: No

SOILS **Mapped Series:** Bullards sandy loam **Hydric Soil?:** No

Classification: Typic Haplorthods **Drainage Class:** well drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-8	10 YR 3/3	SL				
8-16	10 YR 3/2	SL				

*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay

Criteria Met: No

VEGETATION

Tree Stratum (20%)	Status	% Cover
*Picea sitchensis**	FAC	100

Shrub Stratum (40%)	Status	% Cover
*Sambucus racemosa**	FACU	30
*Lonicera involucrata**	FAC+	30
*Holodiscus discolor**	UPL	40

Herbaceous Stratum (30%)	Status	% Cover
*Polystichum munitum**	FACU	30
*Berberis aquifolium**	UPL	20
*Holcus lanatus**	FAC	20
Carex obnupta	OBL	10
Maianthemum dilatatum	FAC	10

Woody Vine Stratum (10%)	Status	% Cover
*Rubus ursinus**	FACU	100

***Percent of dominant species FAC, FACW, or OBL:** 38% Criteria Met: No

Comments:

Determination: Upland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	City of Bandon LWI	Number:	2395	Sample Site	FER-1-16
Applicant:	City of Bandon	County:	Coos	Date:	4/1/02
Investigators:	PF/JVS	Township:	28 S	Range: 14 W	Section: 30

Do Normal Circumstances exist on this site? **Yes** Is the area a potential Problem Area? **No**

Is this an Atypical Situation? **No**

HYDROLOGY

Depth of Surf. H2O		**Inches**
Depth to Free H20	**>16**	**Inches**
Depth to Saturation	**>16**	**Inches**

Primary Indicators	**Secondary Indicators**
Inundated	**Ox. rhizospheres**
Sat. in Upper 12"	**H20-stained leaves**
Water Marks	**Local Soil Survey**
Drift Lines	**FAC Neutral Test**
Sediment Deposits	**Other** _____
Drainage patterns	**Criteria Met: No**

SOILS **Mapped Series:** Bullards sandy loam **Hydric Soil?:** No

Classification: Typic Haplorthods **Drainage Class:** well drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-3	10 YR 3/2	SL				
3-16	10 YR 2/2	SDL				

*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay

Criteria Met: No

VEGETATION

Tree Stratum (40%)	Status	% Cover
*Picea sitchensis**	FAC	100

Shrub Stratum (40%)	Status	% Cover
*Rhamnus purshiana**	FAC-	70
*Gaultheria shallon**	FACU	30

Herbaceous Stratum (20%)	Status	% Cover
Carex obnupta	OBL	5
*Polystichum munitum**	FACU	40
*Maianthemum dilatatum**	FAC	55

Woody Vine Stratum (0%)	Status	% Cover

***Percent of dominant species FAC, FACW, or OBL:** 40% **Criteria Met: No**

Comments: Above wetland approximately 10 feet in elevation. Slope is greater than 20% down to level of wetland.

Determination: Upland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	City of Bandon LWI	Number:	2395	Sample Site	FER-1-17
Applicant:	City of Bandon	County:	Coos	Date:	4/1/02
Investigators:	PF/JVS	Township:	28 S	Range: 14 W	Section: 30

Do Normal Circumstances exist on this site? **Yes** Is the area a potential Problem Area? **No**

Is this an Atypical Situation? **No**

HYDROLOGY

			Primary Indicators		Secondary Indicators
			Inundated	Yes	Ox. rhizospheres
			Sat. in Upper 12"	Yes	H20-stained leaves
Depth of Surf. H2O		Inches	Water Marks		Local Soil Survey
Depth to Free H20	3	Inches	Drift Lines		FAC Neutral Test
Depth to Saturation	0	Inches	Sediment Deposits		Other
			Drainage patterns		Criteria Met: Yes

SOILS **Mapped Series:** Willanch fine sandy loam **Hydric Soil?:** Yes

Classification: Aeric Tropaquepts **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-6		duff				
6-16	10 YR 2/1	SDL				

*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay

Criteria Met: Yes

VEGETATION

Tree Stratum (40%)	Status	% Cover
*Alnus rubra**	FAC	100

Shrub Stratum (0%)	Status	% Cover

Herbaceous Stratum (50%)	Status	% Cover
*Carex obnupta**	OBL	70
Lysichiton americanum	OBL	10
*Oenanthe sarmentosa**	OBL	20

Woody Vine Stratum (10%)	Status	% Cover
*Rubus spectabilis**	FAC+	100

***Percent of dominant species FAC, FACW, or OBL:** 100% Criteria Met: Yes

Comments: South end of wetland becoming more palustrine scrub-shrub.

Determination: Wetland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	City of Bandon LWI	Number:	2395	Sample Site	FER-1-18
Applicant:	City of Bandon	County:	Coos	Date:	10/2/02
Investigators:	JVS/PF	Township:	28S	Range: 14W	Section: 30

Do Normal Circumstances exist on this site? **Yes** Is the area a potential Problem Area? **No**

Is this an Atypical Situation? **No**

HYDROLOGY

Depth of Surf. H2O		**Inches**
Depth to Free H20	>14	**Inches**
Depth to Saturation	>14	**Inches**

Primary Indicators	**Secondary Indicators**
Inundated	**Ox. rhizospheres**
Sat. in Upper 12"	**H20-stained leaves**
Water Marks	**Local Soil Survey**
Drift Lines	**FAC Neutral Test**
Sediment Deposits	**Other** _____
Drainage patterns	**Criteria Met: No**

SOILS **Mapped Series:** Bullards sandy loam **Hydric Soil?:** No

Classification: Typic Haplorthods **Drainage Class:** well drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-14	10 YR 3/3	SL				

*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay

Criteria Met: No

VEGETATION

Tree Stratum (20%)	Status	% Cover
*Pinus contorta**	FAC	100

Shrub Stratum (20%)	Status	% Cover
*Cytisus scoparius**	UPL	40
*Vaccinium ovatum**	UPL	30
*Rhamnus purshiana**	FAC-	30

Herbaceous Stratum (30%)	Status	% Cover
*Iris sp.**	NI	40
*Dactylis glomerata**	FACU	20
*Polystichum munitum**	FACU	20
*Pteridium aquilinum**	FACU	20

Woody Vine Stratum (30%)	Status	% Cover
*Hedera helix**	UPL	80
*Rubus ursinus**	FACU	20

***Percent of dominant species FAC, FACW, or OBL:** 11% **Criteria Met: No**

Comments: Ferry Creek area, off of 3rd.

Determination: Upland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	**City of Bandon LWI**	Number:	**2395**	Sample Site	**FER-1-19**
Applicant:	**City of Bandon**	County:	**Coos**	Date:	**10/2/02**
Investigators:	**JVS/PF**	Township:	**28S** Range: **14W**	Section:	**30**

Do Normal Circumstances exist on this site? **Yes** Is the area a potential Problem Area? **No**

Is this an Atypical Situation? **No**

HYDROLOGY			**Primary Indicators**	**Secondary Indicators**
			Inundated	**Ox. rhizospheres**
			Sat. in Upper 12"	**H20-stained leaves**
Depth of Surf. H2O		**Inches**	**Water Marks**	**Local Soil Survey**
Depth to Free H20	**>14**	**Inches**	**Drift Lines**	**FAC Neutral Test**
Depth to Saturation	**>14**	**Inches**	**Sediment Deposits**	**Other** _____
			Drainage patterns	**Criteria Met: No**

SOILS **Mapped Series:** Bullards sandy loam **Hydric Soil?:** No

Classification: Typic Haplorthods **Drainage Class:** well drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-14	10 YR 3/3	SL				

*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay

Criteria Met: No

VEGETATION

Tree Stratum (40%)	**Status**	**% Cover**
*Rhamnus purshiana**	**FAC-**	**70**
*Alnus rubra**	**FAC**	**30**

Shrub Stratum (20%)	**Status**	**% Cover**
*Sambucus racemosa**	**FACU**	**40**
*Lonicera involucrata**	**FAC+**	**20**
*Rhamnus purshiana**	**FAC-**	**40**

Herbaceous Stratum (30%)	**Status**	**% Cover**
*Carex obnupta**	**OBL**	**90**
*Polystichum munitum**	**FACU**	**10**

Woody Vine Stratum (10%)	**Status**	**% Cover**
*Rubus ursinus**	**FACU**	**100**

***Percent of dominant species FAC, FACW, or OBL:** **43%** **Criteria Met: No**

Comments:

Determination: Upland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	City of Bandon LWI	Number:	2395	Sample Site	FER-1-20
Applicant:	City of Bandon	County:	Coos	Date:	10/2/02
Investigators:	JVS/PF	Township:	28S	Range: 14W	Section: 30

Do Normal Circumstances exist on this site? **Yes** Is the area a potential Problem Area? **No**

Is this an Atypical Situation? **No**

HYDROLOGY

Depth of Surf. H2O		Inches
Depth to Free H20	>14	Inches
Depth to Saturation	>14	Inches

Primary Indicators		Secondary Indicators	
Inundated		Ox. rhizospheres	Yes
Sat. in Upper 12"		H20-stained leaves	
Water Marks		Local Soil Survey	
Drift Lines		FAC Neutral Test	
Sediment Deposits		Other	
Drainage patterns	Yes	Criteria Met:	Yes

SOILS **Mapped Series:** Willanch fine sandy loam **Hydric Soil?:** Yes

Classification: Aeric Tropaquepts **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-14	10 YR 3/2	SL	7.5 YR 4/6	common, medium, distinct		

*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay

Criteria Met: Yes

VEGETATION

Tree Stratum (30%)	Status	% Cover
*Alnus rubra**	FAC	100

Shrub Stratum (20%)	Status	% Cover
*Sambucus racemosa**	FACU	100

Herbaceous Stratum (50%)	Status	% Cover
*Carex obnupta**	OBL	50
*Phalaris arundinacea**	FACW	20
Equisetum arvense	FAC	10
*Ranunculus repens**	FACW	20

Woody Vine Stratum (0%)	Status	% Cover

***Percent of dominant species FAC, FACW, or OBL:** 80% Criteria Met: Yes

Comments: On property with excavated pond at edge of mowed field.

Determination: Wetland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	City of Bandon LWI	Number:	2395	Sample Site	FER-1-21
Applicant:	City of Bandon	County:	Coos	Date:	10/2/02
Investigators:	JVS/PF	Township:	28S	Range: 14W	Section: 30

Do Normal Circumstances exist on this site? **Yes** Is the area a potential Problem Area? **No**

Is this an Atypical Situation? **No**

HYDROLOGY

Depth of Surf. H2O		Inches
Depth to Free H20	>14	Inches
Depth to Saturation	>14	Inches

Primary Indicators		Secondary Indicators	
Inundated		Ox. rhizospheres	Yes
Sat. in Upper 12"		H20-stained leaves	
Water Marks		Local Soil Survey	
Drift Lines		FAC Neutral Test	
Sediment Deposits		Other	
Drainage patterns	Yes	Criteria Met:	Yes

SOILS **Mapped Series:** Willanch fine sandy loam **Hydric Soil?:** Yes

Classification: Aeric Tropaquepts **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-14	10 YR 4/2	SL	7.5 YR 4/6	common, medium, distinct		

*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay

Criteria Met: Yes

VEGETATION

Tree Stratum (20%)	Status	% Cover
*Alnus rubra**	FAC	100

Shrub Stratum (30%)	Status	% Cover
*Sambucus racemosa**	FACU	50
*Rubus spectabilis**	FAC+	50

Herbaceous Stratum (40%)	Status	% Cover
*Oenanthe sarmentosa**	OBL	20
*Carex obnupta**	OBL	60
*Stachys cooleyae**	FACW	20

Woody Vine Stratum (10%)	Status	% Cover
*Rubus ursinus**	FACU	100

***Percent of dominant species FAC, FACW, or OBL:** 71% Criteria Met: Yes

Comments:

Determination: Wetland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	City of Bandon LWI	Number:	2395	Sample Site	FER-1-22
Applicant:	City of Bandon	County:	Coos	Date:	10/2/02
Investigators:	JVS/PF	Township:	28S	Range: 14W	Section: 30

Do Normal Circumstances exist on this site? **Yes** Is the area a potential Problem Area? **No**

Is this an Atypical Situation? **No**

HYDROLOGY

Depth of Surf. H2O		**Inches**
Depth to Free H20	**>14**	**Inches**
Depth to Saturation	**>14**	**Inches**

Primary Indicators	**Secondary Indicators**
Inundated	**Ox. rhizospheres**
Sat. in Upper 12"	**H20-stained leaves**
Water Marks	**Local Soil Survey**
Drift Lines	**FAC Neutral Test**
Sediment Deposits	**Other** _____
Drainage patterns	**Criteria Met: No**

SOILS **Mapped Series:** Bullards sandy loam **Hydric Soil?:** No

Classification: Typic Haplorthods **Drainage Class:** well drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-14	10 YR 2/2	SL				

*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay

Criteria Met: No

VEGETATION

Tree Stratum (40%)	Status	% Cover
*Alnus rubra**	FAC	100

Shrub Stratum (50%)	Status	% Cover
*Sambucus racemosa**	FACU	25
*Rubus spectabilis**	FAC+	75

Herbaceous Stratum (10%)	Status	% Cover
*Carex obnupta**	OBL	80
*Polystichum munitum**	FACU	20

Woody Vine Stratum (0%)	Status	% Cover

***Percent of dominant species FAC, FACW, or OBL:** 60% **Criteria Met: Yes**

Comments: On upland slope on the west side of Ferry Creek.

Determination: Upland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	City of Bandon LWI	Number:	2395	Sample Site	FER-1-23
Applicant:	City of Bandon	County:	Coos	Date:	10/2/02
Investigators:	JVS/PF	Township:	28S	Range: 14W	Section: 30

Do Normal Circumstances exist on this site? **Yes** Is the area a potential Problem Area? **No**

Is this an Atypical Situation? **No**

HYDROLOGY

Depth of Surf. H2O		Inches
Depth to Free H20	>16	Inches
Depth to Saturation	>16	Inches

Primary Indicators		Secondary Indicators	
Inundated		Ox. rhizospheres	Yes
Sat. in Upper 12"		H20-stained leaves	
Water Marks		Local Soil Survey	
Drift Lines		FAC Neutral Test	
Sediment Deposits		Other	
Drainage patterns	Yes	Criteria Met:	Yes

SOILS **Mapped Series:** Bullards sandy loam **Hydric Soil?:** No

Classification: Typic Haplorthods **Drainage Class:** well drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-16	10 YR 4/2	SDL	10 YR 4/6	common, coarse, distinct		

*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay

Criteria Met: Yes

VEGETATION

Tree Stratum (0%)	Status	% Cover

Shrub Stratum (20%)	Status	% Cover
*Salix hookeriana**	FACW-	100

Herbaceous Stratum (80%)	Status	% Cover
*Phalaris arundinacea**	FACW	90
Equisetum arvense	FAC	10

Woody Vine Stratum (0%)	Status	% Cover

***Percent of dominant species FAC, FACW, or OBL:** 100% Criteria Met: Yes

Comments:

Determination: Wetland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	City of Bandon LWI	Number: 2395	Sample Site FER-1-24
Applicant:	City of Bandon	County: Coos	Date: 10/2/02
Investigators:	JVS/PF	Township: 28S Range: 14W	Section: 30

Do Normal Circumstances exist on this site? **Yes** Is the area a potential Problem Area? **No**

Is this an Atypical Situation? **No**

HYDROLOGY

Depth of Surf. H2O		**Inches**
Depth to Free H20	**>15**	**Inches**
Depth to Saturation	**>15**	**Inches**

Primary Indicators	**Secondary Indicators**
Inundated	**Ox. rhizospheres**
Sat. in Upper 12"	**H20-stained leaves**
Water Marks	**Local Soil Survey**
Drift Lines	**FAC Neutral Test**
Sediment Deposits	**Other** _____
Drainage patterns	**Criteria Met: No**

SOILS **Mapped Series:** Bullards sandy loam **Hydric Soil?:** No

Classification: Typic Haplorthods **Drainage Class:** well drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-15	10 YR 3/2	SL				

*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay

Criteria Met: No

VEGETATION

Tree Stratum (40%)	Status	% Cover
*Alnus rubra**	FAC	100

Shrub Stratum (0%)	Status	% Cover

Herbaceous Stratum (50%)	Status	% Cover
*Phalaris arundinace**	FACW	90
Equisetum arvense	FAC	10

Woody Vine Stratum (10%)	Status	% Cover
*Rubus discolor**	FACU	100

***Percent of dominant species FAC, FACW, or OBL:** 67% **Criteria Met: Yes**

Comments: Near auto body shop at edge of field with pond.

Determination: Upland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	City of Bandon LWI	Number:	2395	Sample Site	FER-2-25
Applicant:	City of Bandon	County:	Coos	Date:	9/24/02
Investigators:	ME/SE	Township:	28S	Range: 14W	Section: 30

Do Normal Circumstances exist on this site? **Yes** Is the area a potential Problem Area? **No**

Is this an Atypical Situation? **No**

HYDROLOGY

Depth of Surf. H2O		**Inches**
Depth to Free H20	**>16**	**Inches**
Depth to Saturation	**>16**	**Inches**

Primary Indicators	**Secondary Indicators**
Inundated	**Ox. rhizospheres**
Sat. in Upper 12"	**H20-stained leaves**
Water Marks	**Local Soil Survey**
Drift Lines	**FAC Neutral Test**
Sediment Deposits	**Other** _____
Drainage patterns	**Criteria Met: No**

SOILS **Mapped Series:** Bullards sandy loam **Hydric Soil?:** No

Classification: Typic Haplorthods **Drainage Class:** well drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-16	10 YR 3/2	SL				

*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay

Criteria Met: No

VEGETATION

Tree Stratum (20%)	Status	% Cover
*Alnus rubra**	FAC	100

Shrub Stratum (15%)	Status	% Cover
*Rubus parviflorus**	FAC-	55
*Sambucus racemosa**	FACU	40
Rosa sp.	FAC	5

Herbaceous Stratum (5%)	Status	% Cover
*Polystichum munitum**	FACU	97
Equisetum arvense	FAC	3

Woody Vine Stratum (60%)	Status	% Cover
*Hedera helix**	UPL	100

***Percent of dominant species FAC, FACW, or OBL:** 20% **Criteria Met: No**

Comments: South of 5th Street, west of Grand.

Determination: Upland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	City of Bandon LWI	Number:	2395	Sample Site	FER-2-26
Applicant:	City of Bandon	County:	Coos	Date:	9/24/02
Investigators:	ME/SE	Township:	28S	Range: 14W	Section: 30

Do Normal Circumstances exist on this site? **Yes** Is the area a potential Problem Area? **No**

Is this an Atypical Situation? **No**

HYDROLOGY

			Primary Indicators		Secondary Indicators	
			Inundated		Ox. rhizospheres	Yes
			Sat. in Upper 12"		H20-stained leaves	
Depth of Surf. H2O		Inches	Water Marks	Yes	Local Soil Survey	
Depth to Free H20	>14	Inches	Drift Lines		FAC Neutral Test	
Depth to Saturation	>14	Inches	Sediment Deposits		Other _____	
			Drainage patterns	Yes	Criteria Met:	Yes

SOILS **Mapped Series:** Bullards sandy loam **Hydric Soil?:** No

Classification: Typic Haplorthods **Drainage Class:** well drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-2						Duff
2-7	10 YR 3/4	SD				
7-14	10 YR 2/1	SDL				

*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay

Criteria Met: Yes

VEGETATION

Tree Stratum (0%)	Status	% Cover

Shrub Stratum (90%)	Status	% Cover
*Salix hookeriana**	FACW-	100

Herbaceous Stratum (10%)	Status	% Cover
*Carex obnupta**	OBL	65
*Oenanthe sarmentosa**	OBL	35

Woody Vine Stratum (0%)	Status	% Cover

***Percent of dominant species FAC, FACW, or OBL:** 100% Criteria Met: Yes

Comments:

Determination: Wetland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	City of Bandon LWI	Number:	2395	Sample Site	FER-3-27
Applicant:	City of Bandon	County:	Coos	Date:	9/24/02
Investigators:	ME/SE	Township:	28S	Range: 14W	Section: 30

Do Normal Circumstances exist on this site? **Yes** Is the area a potential Problem Area? **No**

Is this an Atypical Situation? **No**

HYDROLOGY

Depth of Surf. H2O		Inches
Depth to Free H20	>12	Inches
Depth to Saturation	0	Inches

Primary Indicators		Secondary Indicators
Inundated		Ox. rhizospheres
Sat. in Upper 12"	Yes	H20-stained leaves
Water Marks		Local Soil Survey
Drift Lines		FAC Neutral Test
Sediment Deposits		Other
Drainage patterns	Yes	Criteria Met: Yes

SOILS **Mapped Series:** Bullards sandy loam **Hydric Soil?:** No

Classification: Typic Haplorthods **Drainage Class:** well drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-12	7.5 YR 2.5/1	L			H2S odor	

*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay

Criteria Met: Yes

VEGETATION

Tree Stratum (40%)	Status	% Cover
*Alnus rubra**	FAC	100

Shrub Stratum (10%)	Status	% Cover
*Rhamnus purshiana**	FAC-	45
Vaccinium ovatum	UPL	10
*Salix hookeriana**	FACW-	45

Herbaceous Stratum (45%)	Status	% Cover
Gaultheria shallon	FACU	5
*Carex obnupta**	OBL	45
Lysichiton americanum	OBL	15
*Athyrium filix-femina**	FAC	20
Blechnum spicant	FAC+	12
Equisetum arvense	FAC	3

Woody Vine Stratum (5%)	Status	% Cover
*Rubus ursinus**	FACU	100

***Percent of dominant species FAC, FACW, or OBL:** 67% Criteria Met: Yes

Comments:

Determination: Wetland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	City of Bandon LWI	Number:	2395	Sample Site	FER-3-28
Applicant:	City of Bandon	County:	Coos	Date:	9/24/02
Investigators:	ME/SE	Township:	28S	Range: 14W	Section: 30

Do Normal Circumstances exist on this site? **Yes** Is the area a potential Problem Area? **No**

Is this an Atypical Situation? **No**

HYDROLOGY

			Primary Indicators	Secondary Indicators
			Inundated	Ox. rhizospheres
			Sat. in Upper 12"	H20-stained leaves
Depth of Surf. H2O		Inches	Water Marks	Local Soil Survey
Depth to Free H20	>16	Inches	Drift Lines	FAC Neutral Test
Depth to Saturation	>16	Inches	Sediment Deposits	Other _____
			Drainage patterns	Criteria Met: No

SOILS **Mapped Series:** Bullards sandy loam **Hydric Soil?:** No

Classification: Typic Haplorthods **Drainage Class:** well drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-16	10 YR 2/2	CL				

*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay

Criteria Met: No

VEGETATION

Tree Stratum (20%)	Status	% Cover	Herbaceous Stratum (65%)	Status	% Cover
*Chamaecyparis lawsoniana**	FACU+	45	*Polystichum munitum*	FACU	15
*Alnus rubra**	FAC	55	*Athyrium filix-femina*	FAC	5
			*Maianthemum dilatatum**	FAC	80
Shrub Stratum (15%)	**Status**	**% Cover**			
*Vaccinium ovatum**	UPL	100	**Woody Vine Stratum (0%)**	**Status**	**% Cover**

***Percent of dominant species FAC, FACW, or OBL:** 50% Criteria Met: No

Comments:

Determination: Upland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	City of Bandon LWI	Number:	2395	Sample Site	FER-4-29
Applicant:	City of Bandon	County:	Coos	Date:	9/24/02
Investigators:	ME/SE	Township:	28S	Range: 14W	Section: 30

Do Normal Circumstances exist on this site? **Yes** Is the area a potential Problem Area? **No**

Is this an Atypical Situation? **No**

HYDROLOGY

Depth of Surf. H2O		Inches
Depth to Free H20	4	Inches
Depth to Saturation	0	Inches

Primary Indicators		Secondary Indicators	
Inundated		Ox. rhizospheres	Yes
Sat. in Upper 12"	Yes	H20-stained leaves	
Water Marks		Local Soil Survey	
Drift Lines		FAC Neutral Test	
Sediment Deposits		Other	
Drainage patterns	Yes	Criteria Met:	Yes

SOILS

Mapped Series: Bullards sandy loam **Hydric Soil?:** No

Classification: Typic Haplorthods **Drainage Class:** well drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-14	10 YR 2/1	SL				

*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay

Criteria Met: Yes

VEGETATION

Tree Stratum (10%)	Status	% Cover
*Alnus rubra**	FAC	100

Shrub Stratum (35%)	Status	% Cover
*Lonicera involucrata**	FAC+	100

Herbaceous Stratum (40%)	Status	% Cover
*Lysichiton americanum**	OBL	30
*Phalaris arundinacea**	FACW	65
Athyrium filix-femina	FAC	5

Woody Vine Stratum (15%)	Status	% Cover
*Rubus discolor**	FACU	100

***Percent of dominant species FAC, FACW, or OBL:** 80% Criteria Met: Yes

Comments: East of Filmore, south of 7th Street.

Determination: Wetland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	City of Bandon LWI	Number:	2395	Sample Site	FER-4-30
Applicant:	City of Bandon	County:	Coos	Date:	9/24/02
Investigators:	ME/SE	Township:	28S	Range: 14W	Section: 30

Do Normal Circumstances exist on this site? **Yes** Is the area a potential Problem Area? **No**

Is this an Atypical Situation? **No**

HYDROLOGY

Depth of Surf. H2O		**Inches**
Depth to Free H20	**>13**	**Inches**
Depth to Saturation	**>13**	**Inches**

Primary Indicators	**Secondary Indicators**
Inundated	**Ox. rhizospheres**
Sat. in Upper 12"	**H20-stained leaves**
Water Marks	**Local Soil Survey**
Drift Lines	**FAC Neutral Test**
Sediment Deposits	**Other** _____
Drainage patterns	**Criteria Met: No**

SOILS **Mapped Series:** Bullards sandy loam **Hydric Soil?:** No

Classification: Typic Haplorthods **Drainage Class:** well drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-6	10 YR 2/2	SDL				
6-13	10 YR 3/3	SDL				

*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay

Criteria Met: No

VEGETATION

Tree Stratum (25%)	Status	% Cover
*Alnus rubra**	FAC	100

Shrub Stratum (20%)	Status	% Cover
*Vaccinium ovatum**	UPL	25
*Sambucus racemosa**	FACU	65
Prunus sp.	FACU	5
Rubus spectabilis	FAC+	5

Herbaceous Stratum (50%)	Status	% Cover
*Carex obnupta**	OBL	55
Maianthemum dilatatum	FAC	10
*Polystichum munitum**	FACU	35

Woody Vine Stratum (5%)	Status	% Cover
*Rubus ursinus**	FACU	100

***Percent of dominant species FAC, FACW, or OBL:** 33% **Criteria Met: No**

Comments: East of Filmore, south of 7th Street.

Determination: Upland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	City of Bandon LWI	Number:	2395	Sample Site	FER-4-31
Applicant:	City of Bandon	County:	Coos	Date:	9/24/02
Investigators:	ME/SE	Township:	28S	Range: 14W	Section: 30

Do Normal Circumstances exist on this site? **Yes** Is the area a potential Problem Area? **No**

Is this an Atypical Situation? **No**

HYDROLOGY

Depth of Surf. H2O		**Inches**
Depth to Free H20	**>16**	**Inches**
Depth to Saturation	**>16**	**Inches**

Primary Indicators	**Secondary Indicators**
Inundated	**Ox. rhizospheres**
Sat. in Upper 12"	**H20-stained leaves**
Water Marks	**Local Soil Survey**
Drift Lines	**FAC Neutral Test**
Sediment Deposits	**Other** _____
Drainage patterns	**Criteria Met: No**

SOILS **Mapped Series:** Bullards sandy loam **Hydric Soil?:** No

Classification: Typic Haplorthods **Drainage Class:** well drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-2						Duff
2-16	10 YR 3/2	SDL				

*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay

Criteria Met: No

VEGETATION

Tree Stratum (30%)	Status	% Cover
*Alnus rubra**	FAC	100

Shrub Stratum (3%)	Status	% Cover
*Rhamnus purshiana**	FAC-	100

Herbaceous Stratum (7%)	Status	% Cover
*Polystichum munitum**	FACU	95
Athyrium filix-femina	FAC	5

Woody Vine Stratum (60%)	Status	% Cover
Rubus discolor	FACU	15
*Hedera helix**	UPL	85

***Percent of dominant species FAC, FACW, or OBL:** 25% **Criteria Met: No**

Comments: West of Filmore, just south of 5th Street.

Determination: Upland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	City of Bandon LWI	Number:	2395	Sample Site	FER-4-32
Applicant:	City of Bandon	County:	Coos	Date:	9/24/02
Investigators:	ME/SE	Township:	28S	Range: 14W	Section: 30

Do Normal Circumstances exist on this site? **Yes** Is the area a potential Problem Area? **No**

Is this an Atypical Situation? **No**

HYDROLOGY

Depth of Surf. H2O	<1	Inches
Depth to Free H20	0	Inches
Depth to Saturation	0	Inches

Primary Indicators		Secondary Indicators
Inundated	Yes	Ox. rhizospheres
Sat. in Upper 12"	Yes	H20-stained leaves
Water Marks		Local Soil Survey
Drift Lines		FAC Neutral Test
Sediment Deposits		Other _____
Drainage patterns	Yes	Criteria Met: Yes

SOILS **Mapped Series:** Bullards sandy loam **Hydric Soil?:** No

Classification: Typic Haplorthods **Drainage Class:** well drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-14	10 YR 2/1	SDL			H2S odor	

*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay

Criteria Met: Yes

VEGETATION

Tree Stratum (45%)	Status	% Cover
*Alnus rubra**	FAC	40
*Salix hookeriana**	FACW-	60

Shrub Stratum (10%)	Status	% Cover
*Lonicera involucrata**	FAC+	50
*Salix hookeriana**	FACW-	50

Herbaceous Stratum (35%)	Status	% Cover
*Oenanthe sarmentosa**	OBL	40
*Athyrium filix-femina**	FAC	30
Equisetum arvense	FAC	15
Scirpus microcarpus	OBL	15

Woody Vine Stratum (10%)	Status	% Cover
*Rubus discolor**	FACU	90
Hedera helix	UPL	10

***Percent of dominant species FAC, FACW, or OBL:** 86% Criteria Met: Yes

Comments: West of Filmore, just south of 7th Street.

Determination: Wetland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	City of Bandon LWI	Number:	2395	Sample Site	FER-6-33
Applicant:	City of Bandon	County:	Coos	Date:	4/1/02
Investigators:	PF/JVS	Township:	28 S	Range: 14 W	Section: 31

Do Normal Circumstances exist on this site? **Yes** Is the area a potential Problem Area? **No**

Is this an Atypical Situation? **No**

HYDROLOGY

			Primary Indicators	Secondary Indicators
			Inundated	Ox. rhizospheres
			Sat. in Upper 12"	H20-stained leaves
Depth of Surf. H2O		Inches	Water Marks	Local Soil Survey
Depth to Free H20	>15	Inches	Drift Lines	FAC Neutral Test
Depth to Saturation	>15	Inches	Sediment Deposits	Other _____
			Drainage patterns	Criteria Met: No

SOILS **Mapped Series:** Blacklock fine sandy loam **Hydric Soil?:** Yes

Classification: Typic Duraquods **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-15	10 YR 4/6	SD		Fill material		cobbles

*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay

Criteria Met: No

VEGETATION

Tree Stratum (0%)	Status	% Cover

Shrub Stratum (50%)	Status	% Cover
*Salix hookeriana**	FACW-	45
*Rosa eglanteria**	FACW	30
*Ilex aquifolium**	UPL	25

Herbaceous Stratum (50%)	Status	% Cover
*Erechtites minima**	UPL	60
*Carex obnupta**	OBL	40

Woody Vine Stratum (0%)	Status	% Cover

***Percent of dominant species FAC, FACW, or OBL:** 60% Criteria Met: Yes

Comments: Within old building foundation. Upland continues to adjacent lot and house. There is a 1-foot difference between upland and wetland boundary.

Determination: Upland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	City of Bandon LWI	Number:	2395	Sample Site	FER-6-34
Applicant:	City of Bandon	County:	Coos	Date:	4/1/02
Investigators:	PF/JVS	Township:	28 S	Range: 14 W	Section: 31

Do Normal Circumstances exist on this site? **Yes** Is the area a potential Problem Area? **No**

Is this an Atypical Situation? **No**

HYDROLOGY

Depth of Surf. H2O		**Inches**
Depth to Free H20	**4**	**Inches**
Depth to Saturation	**0**	**Inches**

Primary Indicators		**Secondary Indicators**
Inundated	**Yes**	**Ox. rhizospheres**
Sat. in Upper 12"	**Yes**	**H20-stained leaves**
Water Marks		**Local Soil Survey**
Drift Lines		**FAC Neutral Test**
Sediment Deposits		**Other** _____
Drainage patterns		**Criteria Met: Yes**

SOILS **Mapped Series:** Blacklock fine sandy loam **Hydric Soil?:** Yes

Classification: Typic Duraquods **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-16	10 YR 3/1	SCL				
16+	5 Y 5/1	SDL				

*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay

Criteria Met: Yes

VEGETATION

Tree Stratum (0%)	Status	% Cover

Shrub Stratum (30%)	Status	% Cover
*Salix hookeriana**	FACW-	80
*Rosa eglanteria**	FACW	20

Herbaceous Stratum (70%)	Status	% Cover
*Ranunculus repens**	FACW	30
*Lonicera involucrata**	FAC+	20
*Phalaris arundinacea**	FACW	30
Potentilla anserina	OBL	10
Alopecurus pratensis	FACW	10

Woody Vine Stratum (0%)	Status	% Cover

***Percent of dominant species FAC, FACW, or OBL:** 100% **Criteria Met: Yes**

Comments: Plot taken in lot off 20th Street that is for sale.

Determination: Wetland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	City of Bandon LWI	Number:	2395	Sample Site	GRO-6-35
Applicant:	City of Bandon	County:	Coos	Date:	9/24/02
Investigators:	ME/SE	Township:	28S Range: 14W	Section:	30

Do Normal Circumstances exist on this site? **Yes** Is the area a potential Problem Area? **No**

Is this an Atypical Situation? **No**

HYDROLOGY

Depth of Surf. H2O		Inches
Depth to Free H20	>14	Inches
Depth to Saturation	0	Inches

Primary Indicators		Secondary Indicators
Inundated		Ox. rhizospheres
Sat. in Upper 12"	Yes	H20-stained leaves
Water Marks		Local Soil Survey
Drift Lines		FAC Neutral Test
Sediment Deposits		Other
Drainage patterns	Yes	Criteria Met: Yes

SOILS

Mapped Series: Bullards sandy loam **Hydric Soil?:** No

Classification: Typic Haplorthods **Drainage Class:** well drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-6	7.5 YR 3/1	SDL				
6-10	10 YR 4/1	SDL	10 YR 3/4	few, medium, distinct		
10-14	7.5 YR 3/1	SL				

*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay

Criteria Met: Yes

VEGETATION

Tree Stratum (10%)	Status	% Cover
*Alnus rubra**	FAC	100

Shrub Stratum (15%)	Status	% Cover
*Rubus spectabilis**	FAC+	100

Herbaceous Stratum (75%)	Status	% Cover
Lysichiton americanum	OBL	15
Athyrium filix-femina	FAC	5
*Ranunculus repens**	FACW	40
Phalaris arundinacea	FACW	10
Carex obnupta	OBL	16
Oenanthe sarmentosa	OBL	5
Rumex sp.	FAC	3
Veronica americana	OBL	3
Agrostis tenuis	FAC	3

Woody Vine Stratum (0%)	Status	% Cover

***Percent of dominant species FAC, FACW, or OBL:** 100% Criteria Met: Yes

Comments: Bottom of the slope, east of the city hall, adjacent to the stream.

Determination: Wetland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	City of Bandon LWI	Number:	2395	Sample Site	GRO-6-36
Applicant:	City of Bandon	County:	Coos	Date:	10/2/02
Investigators:	JVS/PF	Township:	28S	Range: 14W	Section: 30

Do Normal Circumstances exist on this site? **Yes** Is the area a potential Problem Area? **No**

Is this an Atypical Situation? **No**

HYDROLOGY

			Primary Indicators	Secondary Indicators
			Inundated	Ox. rhizospheres
			Sat. in Upper 12"	H20-stained leaves
Depth of Surf. H2O		Inches	Water Marks	Local Soil Survey
Depth to Free H20	>14	Inches	Drift Lines	FAC Neutral Test
Depth to Saturation	>14	Inches	Sediment Deposits	Other _____
			Drainage patterns	Criteria Met: No

SOILS **Mapped Series:** Bullards sandy loam **Hydric Soil?:** No

Classification: Typic Haplorthods **Drainage Class:** well drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-14	10 YR 3/3	L				

*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay

Criteria Met: No

VEGETATION

Tree Stratum (30%)	Status	% Cover	Herbaceous Stratum (30%)	Status	% Cover
*Alnus rubra**	FAC	100	*Polystichum munitum**	FACU	80
			*Holcus lanatus**	FAC	20
Shrub Stratum (0%)	**Status**	**% Cover**			
			Woody Vine Stratum (40%)	**Status**	**% Cover**
			*Rubus discolor**	FACU	100

***Percent of dominant species FAC, FACW, or OBL:** 50% Criteria Met: No

Comments: Next to city hall, east of Highway 101.

Determination: Upland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	City of Bandon LWI		Number: 2395		Sample Site	GRO-6-37	
Applicant:	City of Bandon	County:	Coos		Date:	9/24/02	
Investigators:	ME/SE	Township:	28S	Range: 14W	Section:	30	

Do Normal Circumstances exist on this site? **Yes** Is the area a potential Problem Area? **No**

Is this an Atypical Situation? **No**

HYDROLOGY

Depth of Surf. H2O		Inches
Depth to Free H20	3	Inches
Depth to Saturation	2	Inches

Primary Indicators		Secondary Indicators
Inundated		Ox. rhizospheres
Sat. in Upper 12"	Yes	H20-stained leaves
Water Marks		Local Soil Survey
Drift Lines		FAC Neutral Test
Sediment Deposits		Other
Drainage patterns	Yes	Criteria Met: Yes

SOILS

Mapped Series: Bullards sandy loam **Hydric Soil?:** No

Classification: Typic Haplorthods **Drainage Class:** well drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-14	10 YR 4/1	S				30%
	10 YR 4/2	S				35%
	10 YR 5/1	S				35%

*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay

Criteria Met: Yes

VEGETATION

Tree Stratum (20%)	Status	% Cover
*Alnus rubra**	FAC	100

Shrub Stratum (25%)	Status	% Cover
*Rubus spectabilis**	FAC+	100

Herbaceous Stratum (55%)	Status	% Cover
Lysichiton americanum	OBL	10
*Athyrium filix-femina**	FAC	71
Blechnum spicant	FAC+	2
Polystichum munitum	FACU	15
Tolmiea menziesii	FAC	2

Woody Vine Stratum (0%)	Status	% Cover

***Percent of dominant species FAC, FACW, or OBL:** 100% Criteria Met: Yes

Comments: Bottom of the slope, east of the police station and library, adjacent to the stream.

Determination: Wetland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	City of Bandon LWI	Number:	2395	Sample Site	GRO-6-38
Applicant:	City of Bandon	County:	Coos	Date:	9/24/02
Investigators:	ME/SE	Township:	28S	Range: 14W	Section: 30

Do Normal Circumstances exist on this site? **Yes** Is the area a potential Problem Area? **No**

Is this an Atypical Situation? **No**

HYDROLOGY

			Primary Indicators	Secondary Indicators
			Inundated	Ox. rhizospheres
			Sat. in Upper 12"	H20-stained leaves
Depth of Surf. H2O		Inches	Water Marks	Local Soil Survey
Depth to Free H20	>16	Inches	Drift Lines	FAC Neutral Test
Depth to Saturation	>16	Inches	Sediment Deposits	Other _____
			Drainage patterns	Criteria Met: No

SOILS **Mapped Series:** Bullards sandy loam **Hydric Soil?:** No

Classification: Typic Haplorthods **Drainage Class:** well drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-7	10 YR 3/2	SL				
7-16	7.5 YR 4/1	SL	7.5 YR 5/8	common, medium, distinct		

*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay

Criteria Met: Yes

VEGETATION

Tree Stratum (15%)	Status	% Cover
*Alnus rubra**	FAC	100

Shrub Stratum (25%)	Status	% Cover
*Rubus spectabilis**	FAC+	85
Sambucus racemosa	FACU	15

Herbaceous Stratum (20%)	Status	% Cover
*Polystichum munitum**	FACU	100

Woody Vine Stratum (40%)	Status	% Cover
*Hedera helix**	UPL	100

***Percent of dominant species FAC, FACW, or OBL:** 50% Criteria Met: No

Comments: Bottom of the slope, east of the police station and library.

Determination: Upland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	City of Bandon LWI	Number:	2395	Sample Site	GRO-3-39
Applicant:	City of Bandon	County:	Coos	Date:	4/18/02
Investigators:	ME/FS	Township:	28 S	Range: 15 W	Section: 25

Do Normal Circumstances exist on this site? **Yes** Is the area a potential Problem Area? **No**

Is this an Atypical Situation? **No**

HYDROLOGY

Depth of Surf. H2O		Inches
Depth to Free H20	>14	Inches
Depth to Saturation	0	Inches

Primary Indicators		Secondary Indicators	
Inundated		Ox. rhizospheres	Yes
Sat. in Upper 12"	Yes	H20-stained leaves	
Water Marks		Local Soil Survey	
Drift Lines		FAC Neutral Test	
Sediment Deposits		Other	
Drainage patterns	Yes	Criteria Met:	Yes

SOILS

Mapped Series: Bullards sandy loam **Hydric Soil?:** No

Classification: Typic Haplorthods **Drainage Class:** well drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-14	10 YR 3/1	muck				

*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay

Criteria Met: Yes

VEGETATION

Tree Stratum (0%)	Status	% Cover

Shrub Stratum (0%)	Status	% Cover

Herbaceous Stratum (80%)	Status	% Cover
*Juncus effusus**	FACW	40
Epilobium watsonii	NI	10
Callitriche sp.	OBL	10
*Lotus corniculatus**	FAC	20
Oenanthe sarmentosa	OBL	3
Scirpus microcarpus	OBL	1
Stachys cooleyae	FACW	3
Vicia gigantea	NI	5
Poa trivialis	FACW	5
Rumex crispus	FAC+	3

Woody Vine Stratum (20%)	Status	% Cover
*Hedera helix**	UPL	100

***Percent of dominant species FAC, FACW, or OBL:** 67% Criteria Met: Yes

Comments: Lower end of Gross Creek in area cleared of beaver dam debris.

Determination: Wetland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	City of Bandon LWI	Number:	2395	Sample Site	GRO-3-40
Applicant:	City of Bandon	County:	Coos	Date:	4/18/02
Investigators:	ME/FS	Township:	28 S	Range: 15 W	Section: 25

Do Normal Circumstances exist on this site? **Yes** Is the area a potential Problem Area? **No**

Is this an Atypical Situation? **No**

HYDROLOGY

			Primary Indicators	Secondary Indicators
			Inundated	Ox. rhizospheres
			Sat. in Upper 12"	H20-stained leaves
Depth of Surf. H2O		Inches	Water Marks	Local Soil Survey
Depth to Free H20	>12	Inches	Drift Lines	FAC Neutral Test
Depth to Saturation	>12	Inches	Sediment Deposits	Other _____
			Drainage patterns	Criteria Met: No

SOILS **Mapped Series:** Bullards sandy loam **Hydric Soil?:** No

Classification: Typic Haplorthods **Drainage Class:** well drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-12	10 YR 2.5/2	SL				

*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay

Criteria Met: No

VEGETATION

Tree Stratum (0%)	Status	% Cover

Shrub Stratum (30%)	Status	% Cover
Ribes sanguineum	UPL	10
*Rubus spectabilis**	FAC+	20
*Gaultheria shallon**	FACU	50
Sambucus racemosa	FACU	10
Salix hookeriana	FACW-	10

Herbaceous Stratum (10%)	Status	% Cover
Stachys cooleyae	FACW	10
*Vicia gigantea**	NI	85
Equisetum arvense	FAC	5

Woody Vine Stratum (60%)	Status	% Cover
*Hedera helix**	UPL	100

***Percent of dominant species FAC, FACW, or OBL:** 33% Criteria Met: No

Comments: Lower end of Gross Creek.

Determination: Upland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	City of Bandon LWI	Number:	2395	Sample Site	GRO-3-41
Applicant:	City of Bandon	County:	Coos	Date:	4/18/02
Investigators:	ME/FS	Township:	28 S	Range: 15 W	Section: 25

Do Normal Circumstances exist on this site? **Yes** Is the area a potential Problem Area? **No**

Is this an Atypical Situation? **No**

HYDROLOGY

			Primary Indicators	Secondary Indicators
			Inundated	Ox. rhizospheres
			Sat. in Upper 12"	H20-stained leaves
Depth of Surf. H2O		Inches	Water Marks	Local Soil Survey
Depth to Free H20	>14	Inches	Drift Lines	FAC Neutral Test
Depth to Saturation	>14	Inches	Sediment Deposits	Other _____
			Drainage patterns	Criteria Met: No

SOILS **Mapped Series:** Bullards sandy loam **Hydric Soil?:** No

Classification: Typic Haplorthods **Drainage Class:** well drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-14	10 YR 3/3	SDL				

*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay

Criteria Met: No

VEGETATION

Tree Stratum (20%)	Status	% Cover
*Salix scouleriana**	FAC	100

Shrub Stratum (35%)	Status	% Cover
*Rubus spectabilis**	FAC+	50
*Rubus parviflorus**	FAC-	30
*Sambucus racemosa**	FACU	20

Herbaceous Stratum (40%)	Status	% Cover
*Athyrium filix-femina**	FAC	30
*Polystichum munitum**	FACU	40
*Tellima grandiflora**	UPL	30

Woody Vine Stratum (5%)	Status	% Cover
*Rubus sp. (thornless cultivar)**	NI	100

***Percent of dominant species FAC, FACW, or OBL:** 43% Criteria Met: No

Comments: Above the Gross Creek drainageway, south of 4th Street.

Determination: Upland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	City of Bandon LWI	Number:	2395	Sample Site	GRO-3-42
Applicant:	City of Bandon	County:	Coos	Date:	2/13/02
Investigators:	SE/FS	Township:	28 S	Range: 15 W	Section: 25

Do Normal Circumstances exist on this site? **Yes** Is the area a potential Problem Area? **No**

Is this an Atypical Situation? **No**

HYDROLOGY

			Primary Indicators		Secondary Indicators	
			Inundated		Ox. rhizospheres	Yes
			Sat. in Upper 12"	Yes	H20-stained leaves	
Depth of Surf. H2O		Inches	Water Marks		Local Soil Survey	
Depth to Free H20	>14	Inches	Drift Lines		FAC Neutral Test	
Depth to Saturation	0	Inches	Sediment Deposits		Other ____ Seeps	Yes
			Drainage patterns	Yes	Criteria Met:	Yes

SOILS **Mapped Series:** Bullards sandy loam **Hydric Soil?:** No

Classification: Typic Haplorthods **Drainage Class:** well drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-11	10 YR 3/1.5	SDL				
11-14+	10 YR 4/1	SD				

*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay

Criteria Met: Yes

VEGETATION

Tree Stratum (0%)	Status	% Cover

Shrub Stratum (20%)	Status	% Cover
*Rubus spectabilis**	FAC+	100

Herbaceous Stratum (80%)	Status	% Cover
Lysichiton americanum	OBL	15
*Carex obnupta**	OBL	30
*Cardamine oligosperma**	FAC	20
Athyrium filix-femina	FAC	3
Rumex crispus	FAC+	2
*Phalaris arundinacea**	FACW	20
Epilobium watsonii	FACW-	10

Woody Vine Stratum (0%)	Status	% Cover

***Percent of dominant species FAC, FACW, or OBL:** 100% Criteria Met: Yes

Comments: In wetland between 4th & 8th Streets, at the north end.

Determination: Wetland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	City of Bandon LWI	Number:	2395	Sample Site	GRO-3-43
Applicant:	City of Bandon	County:	Coos	Date:	9/24/02
Investigators:	ME/SE	Township:	28S	Range: 15W	Section: 25

Do Normal Circumstances exist on this site? **Yes** Is the area a potential Problem Area? **No**

Is this an Atypical Situation? **No**

HYDROLOGY

Depth of Surf. H2O		Inches
Depth to Free H20	10	Inches
Depth to Saturation	0	Inches

Primary Indicators		Secondary Indicators	
Inundated		Ox. rhizospheres	Yes
Sat. in Upper 12"	Yes	H20-stained leaves	
Water Marks		Local Soil Survey	
Drift Lines		FAC Neutral Test	
Sediment Deposits		Other _____	
Drainage patterns	Yes	Criteria Met:	Yes

SOILS

Mapped Series: Bullards sandy loam **Hydric Soil?:** No

Classification: Typic Haplorthods **Drainage Class:** well drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-16	10 YR 3/1	SDL				

*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay

Criteria Met: Yes

VEGETATION

Tree Stratum (0%)	Status	% Cover

Shrub Stratum (8%)	Status	% Cover
*Salix hookeriana**	FACW-	100

Herbaceous Stratum (92%)	Status	% Cover
Polygonum sachalinense	FACU	10
*Juncus effusus**	FACW	25
Scirpus microcarpus	OBL	10
Lysichiton americanum	OBL	8
Convolvulus arvensis	UPL	4
*Athyrium filix-femina**	FAC	30
Epilobium watsonii	FACW-	5

Woody Vine Stratum (0%)	Status	% Cover

***Percent of dominant species FAC, FACW, or OBL:** 100% Criteria Met: Yes

Comments: North of 11th Avenue, adjacent to the school in the bottom of the ditch.

Determination: Wetland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	City of Bandon LWI	Number:	2395	Sample Site	GRO-8-44
Applicant:	City of Bandon	County:	Coos	Date:	9/24/02
Investigators:	ME/SE	Township:	28S	Range: 15W	Section: 25

Do Normal Circumstances exist on this site? **Yes** Is the area a potential Problem Area? **No**

Is this an Atypical Situation? **No**

HYDROLOGY

Depth of Surf. H2O		**Inches**
Depth to Free H20	**>14**	**Inches**
Depth to Saturation	**>14**	**Inches**

Primary Indicators	Secondary Indicators
Inundated	**Ox. rhizospheres**
Sat. in Upper 12"	**H20-stained leaves**
Water Marks	**Local Soil Survey**
Drift Lines	**FAC Neutral Test**
Sediment Deposits	**Other** _____
Drainage patterns	**Criteria Met: No**

SOILS

Mapped Series: Bullards sandy loam **Hydric Soil?:** No

Classification: Typic Haplorthods **Drainage Class:** well drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-14+	10 YR 3/2	SL				

*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay

Criteria Met: No

VEGETATION

Tree Stratum (0%)	Status	% Cover

Shrub Stratum (0%)	Status	% Cover

Herbaceous Stratum (45%)	Status	% Cover
Equisetum arvense	FAC	15
*Epilobium angustifolium**	FACU+	30
*Athyrium filix-femina**	FAC	10
Phalaris arundinacea	FACW	10
Polystichum munitum	FACU	5
*Holcus lanatus**	FAC	25
Convolvulus arvensis	UPL	5

Woody Vine Stratum (55%)	Status	% Cover
*Rubus discolor**	FACU	100

***Percent of dominant species FAC, FACW, or OBL:** 33% **Criteria Met: No**

Comments: West slope of drainage located east of the high school.

Determination: Upland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	City of Bandon LWI	Number:	2395	Sample Site	GRO-3-45
Applicant:	City of Bandon	County:	Coos	Date:	4/18/02
Investigators:	ME/FS	Township:	28 S	Range: 15 W	Section: 25

Do Normal Circumstances exist on this site? **Yes** Is the area a potential Problem Area? **No**

Is this an Atypical Situation? **No**

HYDROLOGY

Depth of Surf. H2O		**Inches**
Depth to Free H20	**>14**	**Inches**
Depth to Saturation	**>14**	**Inches**

Primary Indicators	**Secondary Indicators**
Inundated	**Ox. rhizospheres**
Sat. in Upper 12"	**H20-stained leaves**
Water Marks	**Local Soil Survey**
Drift Lines	**FAC Neutral Test**
Sediment Deposits	**Other** _____
Drainage patterns	**Criteria Met: No**

SOILS **Mapped Series:** Bullards sandy loam **Hydric Soil?:** No

Classification: Typic Haplorthods **Drainage Class:** well drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-14	10 YR 2/2	SL				friable

*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay

Criteria Met: No

VEGETATION

Tree Stratum (0%)	Status	% Cover

Shrub Stratum (60%)	Status	% Cover
*Ulex europaeus**	UPL	100

Herbaceous Stratum (10%)	Status	% Cover
*Festuca arundinacea**	FAC-	70
Galium aparine	FACU	10
*Marah oreganus**	UPL	20

Woody Vine Stratum (30%)	Status	% Cover
*Rubus discolor**	FACU	100

***Percent of dominant species FAC, FACW, or OBL:** 0% **Criteria Met: No**

Comments: Next to Community Youth Center located on 11th Street.

Determination: Upland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	City of Bandon LWI	Number:	2395	Sample Site	GRO-3-46
Applicant:	City of Bandon	County:	Coos	Date:	4/18/02
Investigators:	ME/FS	Township:	28 S	Range: 15 W	Section: 25

Do Normal Circumstances exist on this site? **Yes** Is the area a potential Problem Area? **No**

Is this an Atypical Situation? **No**

HYDROLOGY

			Primary Indicators		Secondary Indicators	
			Inundated		Ox. rhizospheres	
			Sat. in Upper 12"	Yes	H20-stained leaves	
Depth of Surf. H2O		Inches	Water Marks	Yes	Local Soil Survey	
Depth to Free H20	>16	Inches	Drift Lines		FAC Neutral Test	
Depth to Saturation	1	Inches	Sediment Deposits		Other ____ H2S odor	Yes
			Drainage patterns	Yes	Criteria Met:	Yes

SOILS **Mapped Series:** Blacklock fine sandy loam **Hydric Soil?:** Yes

Classification: Typic Duraquods **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-16	10 YR 3/1	SDL				

*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay

Criteria Met: Yes

VEGETATION

Tree Stratum (0%)	Status	% Cover

Shrub Stratum (5%)	Status	% Cover
*Ulex europaeus**	UPL	100

Herbaceous Stratum (90%)	Status	% Cover
*Scirpus microcarpus**	OBL	30
Convolvulus arvensis	UPL	5
*Athyrium filix-femina**	FAC	20
*Juncus effusus**	FACW	45

Woody Vine Stratum (5%)	Status	% Cover
*Rubus discolor**	FACU	100

***Percent of dominant species FAC, FACW, or OBL:** 60% Criteria Met: Yes

Comments: Next to Community Youth Center located on 11th Street. Pit taken on bank approximately 3' upslope of water.

Determination: Wetland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	City of Bandon LWI	Number:	2395	Sample Site	GRO-3-47
Applicant:	City of Bandon	County:	Coos	Date:	2/14/02
Investigators:	SE/FS	Township:	28 S	Range: 15 W	Section: 25

Do Normal Circumstances exist on this site? **Yes** Is the area a potential Problem Area? **No**

Is this an Atypical Situation? **No**

HYDROLOGY

Depth of Surf. H2O		**Inches**
Depth to Free H20	**4**	**Inches**
Depth to Saturation	**0**	**Inches**

Primary Indicators		**Secondary Indicators**
Inundated		**Ox. rhizospheres**
Sat. in Upper 12"	**Yes**	**H20-stained leaves**
Water Marks		**Local Soil Survey**
Drift Lines		**FAC Neutral Test**
Sediment Deposits		**Other** _____
Drainage patterns		**Criteria Met: Yes**

SOILS **Mapped Series:** Blacklock fine sandy loam **Hydric Soil?:** Yes

Classification: Typic Duraquods **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-14	10 YR 2.5/2	peaty muck				

*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay

Criteria Met: Yes

VEGETATION

Tree Stratum (0%)	Status	% Cover

Shrub Stratum (0%)	Status	% Cover

Herbaceous Stratum (100%)	Status	% Cover
*Phalaris arundinacea**	FACW	50
*Oenanthe sarmentosa**	OBL	40
Lysichiton americanum	OBL	10

Woody Vine Stratum (0%)	Status	% Cover

***Percent of dominant species FAC, FACW, or OBL:** 100% **Criteria Met: Yes**

Comments: In floodplain of east fork of Gross Creek, off church property on 13th and on low bench about 6' west of channel, flowing water about 2-3' wide by 1' deep.

Determination: Wetland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	City of Bandon LWI	Number:	2395	Sample Site	GRO-3-48
Applicant:	City of Bandon	County:	Coos	Date:	4/18/02
Investigators:	ME/FS	Township:	28 S	Range: 15 W	Section: 25

Do Normal Circumstances exist on this site? **Yes** Is the area a potential Problem Area? **No**

Is this an Atypical Situation? **No**

HYDROLOGY

Depth of Surf. H2O		**Inches**
Depth to Free H20	**>14**	**Inches**
Depth to Saturation	**>14**	**Inches**

Primary Indicators	**Secondary Indicators**
Inundated	**Ox. rhizospheres**
Sat. in Upper 12"	**H20-stained leaves**
Water Marks	**Local Soil Survey**
Drift Lines	**FAC Neutral Test**
Sediment Deposits	**Other** _____
Drainage patterns	**Criteria Met: No**

SOILS **Mapped Series:** Blacklock fine sandy loam **Hydric Soil?:** Yes

Classification: Typic Duraquods **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-3	10 YR 2/2	OG				duff layer
3-8	10 YR 3/2	SL				
8-14+	10 YR 4/1	SL				

*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay

Criteria Met: Yes

VEGETATION

Tree Stratum (25%)	Status	% Cover
*Picea sitchensis**	FAC	70
*Alnus rubra**	FAC	30

Shrub Stratum (15%)	Status	% Cover
*Ilex aquifolium**	UPL	20
*Rubus spectabilis**	FAC+	40
*Gaultheria shallon**	FACU	40

Herbaceous Stratum (25%)	Status	% Cover
Polystichum munitum	FACU	10
*Maianthemum dilatatum**	FAC	90
Galium aparine	FACU	trace

Woody Vine Stratum (35%)	Status	% Cover
*Hedera helix**	UPL	75
Rubus discolor	FACU	5
*Rubus ursinus**	FACU	20

***Percent of dominant species FAC, FACW, or OBL:** 44% **Criteria Met: No**

Comments: On slope above drainageway. Weak soil and vegetation indicators, no hydrologic indicators.

Determination: Upland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	City of Bandon LWI		Number: 2395		Sample Site	GRO-3-49	
Applicant:	City of Bandon	County:	Coos		Date:	3/27/02	
Investigators:	ME/SE	Township:	28 S	Range: 15 W	Section:	36	

Do Normal Circumstances exist on this site? **Yes** Is the area a potential Problem Area? **No**

Is this an Atypical Situation? **No**

HYDROLOGY

Depth of Surf. H2O		**Inches**
Depth to Free H20	**5**	**Inches**
Depth to Saturation	**0**	**Inches**

Primary Indicators		**Secondary Indicators**
Inundated		**Ox. rhizospheres**
Sat. in Upper 12"	**Yes**	**H20-stained leaves**
Water Marks		**Local Soil Survey**
Drift Lines		**FAC Neutral Test**
Sediment Deposits		**Other** _____
Drainage patterns		**Criteria Met: Yes**

SOILS **Mapped Series:** Blacklock fine sandy loam **Hydric Soil?:** Yes

Classification: Typic Duraquods **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-12	2.5 Y 2.5/1	SL			H2S odor	

*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay

Criteria Met: Yes

VEGETATION

Tree Stratum (5%)	Status	% Cover
*Pinus contorta**	FAC	100

Shrub Stratum (35%)	Status	% Cover
*Salix hookeriana**	FACW-	90
Sambucus racemosa	FACU	10

Herbaceous Stratum (60%)	Status	% Cover
*Phalaris arundinacea**	FACW	43
*Ranunculus repens**	FACW	30
*Juncus effusus**	FACW	20
Veronica americana	OBL	5
Athyrium filix-femina	FAC	2

Woody Vine Stratum (0%)	Status	% Cover

***Percent of dominant species FAC, FACW, or OBL:** 100% **Criteria Met: Yes**

Comments:

Determination: Wetland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	City of Bandon LWI	Number:	2395	Sample Site	GRO-4-50
Applicant:	City of Bandon	County:	Coos	Date:	4/18/02
Investigators:	ME/FS	Township:	28 S	Range: 15 W	Section: 25

Do Normal Circumstances exist on this site? **Yes** Is the area a potential Problem Area? **No**

Is this an Atypical Situation? **No**

HYDROLOGY

			Primary Indicators	Secondary Indicators
			Inundated	Ox. rhizospheres
			Sat. in Upper 12"	H20-stained leaves
Depth of Surf. H2O		Inches	Water Marks	Local Soil Survey
Depth to Free H20	>14	Inches	Drift Lines	FAC Neutral Test
Depth to Saturation	>14	Inches	Sediment Deposits	Other _____
			Drainage patterns	Criteria Met: No

SOILS **Mapped Series:** Blacklock fine sandy loam **Hydric Soil?:** Yes

Classification: Typic Duraquods **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-14	10 YR 2/2	SL				

*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay

Criteria Met: No

VEGETATION

Tree Stratum (15%)	Status	% Cover	Herbaceous Stratum (5%)	Status	% Cover
*Pinus contorta**	FAC	100	*Pteridium aquilinum**	FACU	100
Shrub Stratum (20%)	**Status**	**% Cover**			
*Ulex europaeus**	UPL	70			
*Cytisus scoparius**	UPL	30	**Woody Vine Stratum (60%)**	**Status**	**% Cover**
			*Rubus discolor**	FACU	100

***Percent of dominant species FAC, FACW, or OBL:** 20% Criteria Met: No

Comments: Pinus contorta woods on 13th Street.

Determination: Upland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	City of Bandon LWI	Number:	2395	Sample Site	GRO-4-51
Applicant:	City of Bandon	County:	Coos	Date:	2/14/02
Investigators:	SE/FS	Township:	28 S	Range: 15 W	Section: 25

Do Normal Circumstances exist on this site? **Yes** Is the area a potential Problem Area? **No**

Is this an Atypical Situation? **No**

HYDROLOGY

Depth of Surf. H2O	**1 to 3**	**Inches**
Depth to Free H20	**0**	**Inches**
Depth to Saturation	**0**	**Inches**

Primary Indicators		Secondary Indicators
Inundated	**Yes**	**Ox. rhizospheres**
Sat. in Upper 12"	**Yes**	**H20-stained leaves**
Water Marks		**Local Soil Survey**
Drift Lines		**FAC Neutral Test**
Sediment Deposits		**Other** _____
Drainage patterns		**Criteria Met: Yes**

SOILS **Mapped Series:** Blacklock fine sandy loam **Hydric Soil?:** Yes

Classification: Typic Duraquods **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-2						needles/organic litter
0-5	10 YR 2/1	SL				
5-14	10 YR 3/1	SCL	10 YR 4/4	few, fine, distinct		

*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay

Criteria Met: Yes

VEGETATION

Tree Stratum (60%)	Status	% Cover
*Pinus contorta**	FAC	100

Shrub Stratum (30%)	Status	% Cover
*Spiraea douglasii**	FACW	30
*Malus fusca**	FACW	50
*Lonicera involucrata**	FAC+	20

Herbaceous Stratum <1%	Status	% Cover
*Carex obnupta**	OBL	100

Woody Vine Stratum (10%)	Status	% Cover
*Rubus ursinus**	FACU	100

***Percent of dominant species FAC, FACW, or OBL:** 83% **Criteria Met: Yes**

Comments: Forested wetland, undeveloped parcel off 13th, west of Gross Creek.

There is shallow ponding (1 to 3") over much of the lot. **Determination: Wetland**

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	City of Bandon LWI		Number: 2395		Sample Site	GRO-5-52	
Applicant:	City of Bandon	County:	Coos		Date:	1/16/02	
Investigators:	PF/FS	Township:	28 S	Range: 15 W	Section:	25	

Do Normal Circumstances exist on this site? **Yes** Is the area a potential Problem Area? **No**

Is this an Atypical Situation? **No**

HYDROLOGY

			Primary Indicators	Secondary Indicators
			Inundated	Ox. rhizospheres
			Sat. in Upper 12"	H20-stained leaves
Depth of Surf. H2O		Inches	Water Marks	Local Soil Survey
Depth to Free H20	>15	Inches	Drift Lines	FAC Neutral Test
Depth to Saturation	>15	Inches	Sediment Deposits	Other _____
			Drainage patterns	Criteria Met: No

SOILS **Mapped Series:** Blacklock fine sandy loam **Hydric Soil?:** Yes

Classification: Typic Duraquods **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-5	10 YR 2/1	peat				
5-10	10 YR 2/2	SDL				
10-15+	10 YR 4/3	SDL	10 YR 4/6	common, coarse, distinct		

*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay

Criteria Met: No

VEGETATION

Tree Stratum (0%)	Status	% Cover

Shrub Stratum (5%)	Status	% Cover
*Ulex europaeus**	UPL	50
*Salix hookeriana**	FACW-	50

Herbaceous Stratum (60%)	Status	% Cover
Holcus lanatus	FAC	10
*Juncus effusus**	FACW	30
*Agrostis stolonifera**	FAC	30
*Hypochaeris radicata**	FACU	20
Festuca rubra	FAC+	5

Woody Vine Stratum (5%)	Status	% Cover
*Rubus discolor**	FACU	100

***Percent of dominant species FAC, FACW, or OBL:** 50% Criteria Met: No

Comments: Disturbed area, on small lot surrounded by development. No apparent hydrology.

Determination: Upland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	City of Bandon LWI		Number: 2395	Sample Site	GRO-5-53
Applicant:	City of Bandon	County:	Coos	Date:	2/13/02
Investigators:	SE/FS	Township:	28 S Range: 15 W	Section:	25

Do Normal Circumstances exist on this site? **Yes** Is the area a potential Problem Area? **No**

Is this an Atypical Situation? **No**

HYDROLOGY

			Primary Indicators		Secondary Indicators
			Inundated	Yes	Ox. rhizospheres
			Sat. in Upper 12"	Yes	H20-stained leaves
Depth of Surf. H2O	2	Inches	Water Marks		Local Soil Survey
Depth to Free H20	2	Inches	Drift Lines		FAC Neutral Test
Depth to Saturation	0	Inches	Sediment Deposits		Other _____
			Drainage patterns		Criteria Met: Yes

SOILS **Mapped Series:** Blacklock fine sandy loam **Hydric Soil?:** Yes

Classification: Typic Duraquods **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-4	10 YR 2/1	SL				
4-7	2.5 Y 2/2	SL				
7-15+	10 YR 2/1	silty muck				

*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay

Criteria Met: Yes

VEGETATION

Tree Stratum (0%)	Status	% Cover

Shrub Stratum (50%)	Status	% Cover
*Spiraea douglasii**	FACW	98
Ulex europaeus	UPL	2

Herbaceous Stratum (50%)	Status	% Cover
*Agrostis stolonifera**	FAC	50
*Carex obnupta**	OBL	20
*Holcus lanatus**	FAC	20
Leontodon autumnalis	FAC	5
Hypochaeris radicata	FACU	5

Woody Vine Stratum <1	Status	% Cover
*Rubus discolor**	FACU	100

***Percent of dominant species FAC, FACW, or OBL:** 80% Criteria Met: Yes

Comments: Area filled later in season. Portion of the lot subject to fill activity in late spring 2002.

Determination: Wetland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	City of Bandon LWI	Number:	2395	Sample Site	TUP-6-54
Applicant:	City of Bandon	County:	Coos	Date:	3/27/02
Investigators:	ME/SE	Township:	28 S	Range: 15 W	Section: 36

Do Normal Circumstances exist on this site? **Yes** Is the area a potential Problem Area? **No**

Is this an Atypical Situation? **No**

HYDROLOGY

Depth of Surf. H2O	<1	Inches
Depth to Free H20	0	Inches
Depth to Saturation	0	Inches

Primary Indicators		Secondary Indicators
Inundated	Yes	Ox. rhizospheres
Sat. in Upper 12"	Yes	H20-stained leaves
Water Marks		Local Soil Survey
Drift Lines		FAC Neutral Test
Sediment Deposits		Other
Drainage patterns	Yes	Criteria Met: Yes

SOILS **Mapped Series:** Bullards sandy loam **Hydric Soil?:** No

Classification: Typic Haplorthods **Drainage Class:** well drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-6	10 YR 4/3	SDL				
6-14+	10 YR 4/2	SDL	10 YR 4/5	common, medium, distinct		

*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay

Criteria Met: Yes

VEGETATION

Tree Stratum (20%)	Status	% Cover
*Pinus contorta**	FAC	100

Shrub Stratum (30%)	Status	% Cover
*Lonicera involucrata**	FAC+	65
Gaultheria shallon	FACU	10
*Rubus spectabilis**	FAC+	25

Herbaceous Stratum (50%)	Status	% Cover
Hypochaeris radicata	FACU	5
Equisetum arvense	FAC	5
*Carex obnupta**	OBL	35
*Juncus effusus**	FACW	25
Fragaria chiloensis	UPL	10
Potentilla anserina	OBL	10
Oenanthe sarmentosa	OBL	10

Woody Vine Stratum (0%)	Status	% Cover

***Percent of dominant species FAC, FACW, or OBL:** 100% Criteria Met: Yes

Comments: Wetland in low area of Face Rock Park that drains downslope to ocean.

Determination: Wetland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	City of Bandon LWI		Number: 2395	Sample Site	TUP-6-55
Applicant:	City of Bandon	County:	Coos	Date:	4/18/02
Investigators:	ME/FS	Township:	28 S Range: 15 W	Section:	36

Do Normal Circumstances exist on this site? **Yes** Is the area a potential Problem Area? **No**

Is this an Atypical Situation? **No**

HYDROLOGY

			Primary Indicators	Secondary Indicators
			Inundated	Ox. rhizospheres
			Sat. in Upper 12"	H20-stained leaves
Depth of Surf. H2O		Inches	Water Marks	Local Soil Survey
Depth to Free H20	>14	Inches	Drift Lines	FAC Neutral Test
Depth to Saturation	>14	Inches	Sediment Deposits	Other _____
			Drainage patterns	Criteria Met: No

SOILS **Mapped Series:** Bullards sandy loam **Hydric Soil?:** No

Classification: Typic Haplorthods **Drainage Class:** well drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-3	10 YR 2/1	SD				duff
3-14+	10 YR 4/4	SD				

*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay

Criteria Met: No

VEGETATION

Tree Stratum (70%)	Status	% Cover
*Pinus contorta**	FAC	100

Shrub Stratum (10%)	Status	% Cover
Ulex europaeus	UPL	10
Gaultheria shallon	FACU	10
*Rubus spectabilis**	FAC+	80

Herbaceous Stratum (20%)	Status	% Cover
*Dactylis glomerata**	FACU	30
Equisetum arvense	FAC	10
*Festuca arundinacea**	FAC-	30
*Hypochaeris radicata**	FACU	30

Woody Vine Stratum (0%)	Status	% Cover

***Percent of dominant species FAC, FACW, or OBL:** 40% Criteria Met: No

Comments: In Face Rock Park, just upslope of TUP-4-54.

Determination: Upland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	City of Bandon LWI	Number:	2395	Sample Site	JOH-3A-56
Applicant:	City of Bandon	County:	Coos	Date:	2/13/02
Investigators:	SE/FS	Township:	28 S	Range: 15 W	Section: 25

Do Normal Circumstances exist on this site? **Yes** Is the area a potential Problem Area? **No**

Is this an Atypical Situation? **No**

HYDROLOGY

Depth of Surf. H2O		**Inches**
Depth to Free H20	**0**	**Inches**
Depth to Saturation	**0**	**Inches**

Primary Indicators		**Secondary Indicators**
Inundated		**Ox. rhizospheres**
Sat. in Upper 12"	**Yes**	**H20-stained leaves**
Water Marks		**Local Soil Survey**
Drift Lines		**FAC Neutral Test**
Sediment Deposits		**Other** _____
Drainage patterns		**Criteria Met: Yes**

SOILS

Mapped Series: Bullards sandy loam **Hydric Soil?:** No

Classification: Typic Haplorthods **Drainage Class:** well drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-12+	10 YR 2/1	muck			H2S odor	

*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay

Criteria Met: Yes

VEGETATION

Tree Stratum (50%)	Status	% Cover
*Pinus contorta**	FAC	100

Shrub Stratum (20%)	Status	% Cover
*Myrica californica**	FACW	100

Herbaceous Stratum (30%)	Status	% Cover
*Carex obnupta**	OBL	65
*Gaultheria shallon**	FACU	30
Erechtites minima	UPL	5

Woody Vine Stratum (0%)	Status	% Cover

***Percent of dominant species FAC, FACW, or OBL:** 75% **Criteria Met: Yes**

Comments: On west side of park, south of 11th Street.

Determination: Wetland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	City of Bandon LWI	Number:	2395	Sample Site	JOH-3A-57
Applicant:	City of Bandon	County:	Coos	Date:	2/13/02
Investigators:	SE/FS	Township:	28 S	Range: 15 W	Section: 25

Do Normal Circumstances exist on this site? **Yes** Is the area a potential Problem Area? **No**

Is this an Atypical Situation? **No**

HYDROLOGY

			Primary Indicators	Secondary Indicators
			Inundated	Ox. rhizospheres
			Sat. in Upper 12"	H20-stained leaves
Depth of Surf. H2O		Inches	Water Marks	Local Soil Survey
Depth to Free H20	>14	Inches	Drift Lines	FAC Neutral Test
Depth to Saturation	>14	Inches	Sediment Deposits	Other _____
			Drainage patterns	Criteria Met: No

SOILS **Mapped Series:** Bullards sandy loam **Hydric Soil?:** No

Classification: Typic Haplorthods **Drainage Class:** well drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-3	10 YR 2/2	SL				with loose duff
3-14	10 YR 2/2	SL				

*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay

Criteria Met: No

VEGETATION

Tree Stratum (45%)	Status	% Cover
*Pinus contorta**	FAC	100

Shrub Stratum (35%)	Status	% Cover
*Vaccinium ovatum**	UPL	30
*Gaultheria shallon**	FACU	60
Ulex europaeus	UPL	10

Herbaceous Stratum (5%)	Status	% Cover
Erechtites minima	UPL	10
*Polystichum munitum**	FACU	80
Holcus lanatus	FAC	10

Woody Vine Stratum (15%)	Status	% Cover
*Hedera helix**	UPL	100

***Percent of dominant species FAC, FACW, or OBL:** 20% Criteria Met: No

Comments: Fringe of forested swale next to park entrance.

Determination: Upland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	City of Bandon LWI	Number:	2395	Sample Site	JOH-1-58
Applicant:	City of Bandon	County:	Coos	Date:	2/13/02
Investigators:	SE/FS	Township:	28 S	Range: 15 W	Section: 25

Do Normal Circumstances exist on this site? **Yes** Is the area a potential Problem Area? **No**

Is this an Atypical Situation? **No**

HYDROLOGY

Depth of Surf. H2O	**2 to 12**	**Inches**
Depth to Free H20	**0**	**Inches**
Depth to Saturation	**0**	**Inches**

Primary Indicators		**Secondary Indicators**
Inundated	**Yes**	**Ox. rhizospheres**
Sat. in Upper 12"	**Yes**	**H20-stained leaves**
Water Marks		**Local Soil Survey**
Drift Lines		**FAC Neutral Test**
Sediment Deposits		**Other** _____
Drainage patterns		**Criteria Met: Yes**

SOILS **Mapped Series:** Blacklock fine sandy loam **Hydric Soil?:** Yes

Classification: Typic Duraquods **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-12	10 YR 2/2	mucky peat			H2S odor	
12-15+	N 2.5/1	SL				high organic content

*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay

Criteria Met: Yes

VEGETATION

Tree Stratum (0%)	Status	% Cover

Shrub Stratum (70%)	Status	% Cover
*Salix hookeriana**	FACW-	40
*Spiraea douglasii**	FACW	60

Herbaceous Stratum (30%)	Status	% Cover
*Carex obnupta**	OBL	100

Woody Vine Stratum (0%)	Status	% Cover

***Percent of dominant species FAC, FACW, or OBL:** 100% **Criteria Met: Yes**

Comments: Wooded area at southwest end of baseball field includes marsh/swamp area.

Marsh with 10" of ponded water.

Determination: Wetland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	City of Bandon LWI	Number:	2395	Sample Site	JOH-1-59
Applicant:	City of Bandon	County:	Coos	Date:	4/18/02
Investigators:	ME/FS	Township:	28 S	Range: 15 W	Section: 25

Do Normal Circumstances exist on this site? **Yes** Is the area a potential Problem Area? **No**

Is this an Atypical Situation? **No**

HYDROLOGY

			Primary Indicators	Secondary Indicators
			Inundated	Ox. rhizospheres
			Sat. in Upper 12"	H20-stained leaves
Depth of Surf. H2O		Inches	Water Marks	Local Soil Survey
Depth to Free H20	>14	Inches	Drift Lines	FAC Neutral Test
Depth to Saturation	>14	Inches	Sediment Deposits	Other _____
			Drainage patterns	Criteria Met: No

SOILS **Mapped Series:** Bullards sandy loam **Hydric Soil?:** No

Classification: Typic Haplorthods **Drainage Class:** well drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-5	10 YR 2/2					duff layer/roots
5-14	10 YR 3/3	SL				

*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay

Criteria Met: No

VEGETATION

Tree Stratum (65%)	Status	% Cover
*Picea sitchensis**	FAC	90
Pinus contorta	FAC	10

Shrub Stratum (29%)	Status	% Cover
*Vaccinium ovalifolium**	UPL	80
Rubus spectabilis	FAC+	10
Gaultheria shallon	FACU	10

Herbaceous Stratum (5%)	Status	% Cover
*Polystichum munitum**	FACU	100

Woody Vine Stratum (1%)	Status	% Cover
*Hedera helix**	UPL	100

***Percent of dominant species FAC, FACW, or OBL:** 25% Criteria Met: No

Comments: Picea woods near ball field in City Park, west of JOH-1-58

Determination: Upland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	City of Bandon LWI	Number:	2395	Sample Site	JOH-3A-60
Applicant:	City of Bandon	County:	Coos	Date:	3/28/02
Investigators:	ME/SE	Township:	28 S	Range: 15 W	Section: 36

Do Normal Circumstances exist on this site? **Yes** Is the area a potential Problem Area? **No**

Is this an Atypical Situation? **No**

HYDROLOGY

			Primary Indicators		Secondary Indicators
			Inundated		Ox. rhizospheres
			Sat. in Upper 12"	Yes	H20-stained leaves
Depth of Surf. H2O		Inches	Water Marks		Local Soil Survey
Depth to Free H20	0	Inches	Drift Lines		FAC Neutral Test
Depth to Saturation	0	Inches	Sediment Deposits		Other _____
			Drainage patterns	Yes	Criteria Met: Yes

SOILS **Mapped Series:** Blacklock fine sandy loam **Hydric Soil?:** Yes

Classification: Typic Duraquods **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-16	2.5 Y 3/1	SL				

*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay

Criteria Met: Yes

VEGETATION

Tree Stratum (0%)	Status	% Cover

Shrub Stratum (5%)	Status	% Cover
*Ulex europaeus**	UPL	100

Herbaceous Stratum (95%)	Status	% Cover
*Carex obnupta**	OBL	70
*Juncus effusus**	FACW	25
Eleocharis sp.	OBL	5

Woody Vine Stratum (0%)	Status	% Cover

***Percent of dominant species FAC, FACW, or OBL:** 67% Criteria Met: Yes

Comments: North end of very large wetland. Adjacent areas include indundation up to 12 inches deep.

Determination: Wetland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	City of Bandon LWI	Number:	2395	Sample Site	JOH-3A-61
Applicant:	City of Bandon	County:	Coos	Date:	4/18/02
Investigators:	ME/FS	Township:	28 S	Range: 15 W	Section: 36

Do Normal Circumstances exist on this site? **Yes** Is the area a potential Problem Area? **No**

Is this an Atypical Situation? **No**

HYDROLOGY

			Primary Indicators	Secondary Indicators
			Inundated	Ox. rhizospheres
			Sat. in Upper 12"	H20-stained leaves
Depth of Surf. H2O		Inches	Water Marks	Local Soil Survey
Depth to Free H20	>16	Inches	Drift Lines	FAC Neutral Test
Depth to Saturation	>16	Inches	Sediment Deposits	Other
			Drainage patterns	Criteria Met: No

SOILS **Mapped Series:** Bullards sandy loam **Hydric Soil?:** No

Classification: Typic Haplorthods **Drainage Class:** well drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-2	10 YR 2/1					duff layer
2-3	10 YR 3/2	SL				
3-16	10 YR 3/3	SL				

*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay

Criteria Met: No

VEGETATION

Tree Stratum (25%)	Status	% Cover
*Pinus contorta**	FAC	100

Shrub Stratum (70%)	Status	% Cover
*Ulex europaeus**	UPL	70
Alnus rubra	FAC	10
*Vaccinium ovatum**	UPL	20

Herbaceous Stratum (5%)	Status	% Cover
*Pteridium aquilinum**	FACU	50
*Hypochaeris radicata**	FACU	30
*Agrostis tenuis**	FAC	20

Woody Vine Stratum (0%)	Status	% Cover

***Percent of dominant species FAC, FACW, or OBL:** 33% Criteria Met: No

Comments: North end of very large wetland

Determination: Upland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	**City of Bandon LWI**	Number:	**2395**	Sample Site	**JOH-3B-62**
Applicant:	**City of Bandon**	County:	**Coos**	Date:	**1/16/02**
Investigators:	**PF/FS**	Township:	**28 S**	Range: **15 W**	Section: **36**

Do Normal Circumstances exist on this site? **Yes** Is the area a potential Problem Area? **No**

Is this an Atypical Situation? **No**

HYDROLOGY

Depth of Surf. H2O	**1-2**	**Inches**
Depth to Free H20	**>15**	**Inches**
Depth to Saturation	**0 to 4**	**Inches**

Primary Indicators		**Secondary Indicators**
Inundated	**Yes**	**Ox. rhizospheres**
Sat. in Upper 12"	**Yes**	**H20-stained leaves**
Water Marks		**Local Soil Survey**
Drift Lines		**FAC Neutral Test**
Sediment Deposits		**Other** _____
Drainage patterns		**Criteria Met: Yes**

SOILS **Mapped Series:** Blacklock fine sandy loam **Hydric Soil?:** Yes

Classification: Typic Duraquods **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-8	10 YR 2/1	mucky peat				
8-11	10 YR 3/1	mucky peat				
11-15	10 YR 5/1	mucky peat	10 YR 5/6	few, fine, faint		

*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay

Criteria Met: Yes

VEGETATION

Tree Stratum (0%)	**Status**	**% Cover**

Shrub Stratum (0%)	**Status**	**% Cover**

Herbaceous Stratum (100%)	**Status**	**% Cover**
*Agrostis stolonifera**	**FAC**	**20**
*Callitriche sp.**	**OBL**	**20**
*Sisyrinchium californicum**	**FACW+**	**20**
Glyceria occidentalis	**OBL**	**5**
Ranunculus repens	**FACW**	**10**
Rumex salicifolius	**FACW**	**5**
Ulex europaeus	**UPL**	**5**
Hypochaeris radicata	**FACU**	**10**
Hypericum anagalloides	**OBL**	**5**

Woody Vine Stratum (0%)	**Status**	**% Cover**

***Percent of dominant species FAC, FACW, or OBL:** **100%** **Criteria Met: Yes**

Comments: In depressional area on terrace in horse pasture. Water at surface saturates the upper soil surface only.

Determination: Wetland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	City of Bandon LWI	Number:	2395	Sample Site	JOH-3B-63
Applicant:	City of Bandon	County:	Coos	Date:	1/16/02
Investigators:	PF/FS	Township:	28 S	Range: 15 W	Section: 36

Do Normal Circumstances exist on this site? **Yes** Is the area a potential Problem Area? **No**

Is this an Atypical Situation? **No**

HYDROLOGY

Depth of Surf. H2O	>16	Inches
Depth to Free H20	>16	Inches
Depth to Saturation		Inches

Primary Indicators	Secondary Indicators
Inundated	Ox. rhizospheres
Sat. in Upper 12"	H20-stained leaves
Water Marks	Local Soil Survey
Drift Lines	FAC Neutral Test
Sediment Deposits	Other _____
Drainage patterns	**Criteria Met: No**

SOILS **Mapped Series:** Blacklock fine sandy loam **Hydric Soil?:** Yes

Classification: Typic Duraquods **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-12	10 YR 2/2	SL				
12-16	10 YR 3/4	SCL				

*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay

Criteria Met: No

VEGETATION

Tree Stratum (0%)	Status	% Cover

Shrub Stratum (5%)	Status	% Cover
*Ulex europaeus**	UPL	100

Herbaceous Stratum (95%)	Status	% Cover
*Holcus lanatus**	FAC	40
*Agrostis tenuis**	FAC	20
*Hypochaeris radicata**	FACU	20
Parentucellia viscosa	FAC-	10
Agrostis stolonifera	FAC	10

Woody Vine Stratum (0%)	Status	% Cover

***Percent of dominant species FAC, FACW, or OBL:** 50% **Criteria Met: No**

Comments:

Determination: Upland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	City of Bandon LWI	Number:	2395	Sample Site	JOH-8-64
Applicant:	City of Bandon	County:	Coos	Date:	1/16/02
Investigators:	PF/FS	Township:	28 S	Range: 15 W	Section: 36

Do Normal Circumstances exist on this site? **Yes** Is the area a potential Problem Area? **No**

Is this an Atypical Situation? **No**

HYDROLOGY

			Primary Indicators	Secondary Indicators
			Inundated	Ox. rhizospheres
			Sat. in Upper 12"	H20-stained leaves
Depth of Surf. H2O	>16	Inches	Water Marks	Local Soil Survey
Depth to Free H20	>16	Inches	Drift Lines	FAC Neutral Test
Depth to Saturation		Inches	Sediment Deposits	Other
			Drainage patterns	Criteria Met: No

SOILS **Mapped Series:** Blacklock fine sandy loam **Hydric Soil?:** Yes

Classification: Typic Duraquods **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-16	10 YR 2/1	SDL				

*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay

Criteria Met: Yes

VEGETATION

Tree Stratum (0%)	Status	% Cover

Shrub Stratum (50%)	Status	% Cover
*Ulex europaeus**	UPL	100

Herbaceous Stratum (40%)	Status	% Cover
*Agrostis tenuis**	FAC	50
*Holcus lanatus**	FAC	40
Carex obnupta	OBL	10

Woody Vine Stratum (10%)	Status	% Cover
*Rubus discolor**	FACU	100

***Percent of dominant species FAC, FACW, or OBL:** 50% Criteria Met: No

Comments: Upper end of channel branch.

Determination: Upland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	City of Bandon LWI	Number:	2395	Sample Site	JOH-8-65
Applicant:	City of Bandon	County:	Coos	Date:	1/16/02
Investigators:	PF/FS	Township:	28 S	Range: 15 W	Section: 36

Do Normal Circumstances exist on this site? **Yes** Is the area a potential Problem Area? **No**

Is this an Atypical Situation? **No**

HYDROLOGY

			Primary Indicators		Secondary Indicators
			Inundated		Ox. rhizospheres
			Sat. in Upper 12"	Yes	H20-stained leaves
Depth of Surf. H2O		Inches	Water Marks		Local Soil Survey
Depth to Free H20	0	Inches	Drift Lines		FAC Neutral Test
Depth to Saturation	0	Inches	Sediment Deposits		Other _____
			Drainage patterns	Yes	Criteria Met: Yes

SOILS **Mapped Series:** Blacklock fine sandy loam **Hydric Soil?:** Yes

Classification: Typic Duraquods **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-4	10 YR 3/2	SD				
4-6	10 YR 3/1	muck				
6-10	10 YR 5/1	SD				
10-14+	10 YR 4/1	CL				

*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay

Criteria Met: Yes

VEGETATION

Tree Stratum (0%)	Status	% Cover

Shrub Stratum (5%)	Status	% Cover
*Ulex europaeus**	UPL	50
*Salix geyeriana**	FACW+	50

Herbaceous Stratum (95%)	Status	% Cover
*Juncus effusus**	FACW	20
*Juncus articulatus**	OBL	30
*Nasturtium officinale**	OBL	20
Sisyrinchium californicum	FACW+	3
Erechtites minima	UPL	2
Equisetum arvense	FAC	10
Juncus ensifolius	FACW	5
Holcus lanatus	FAC	10

Woody Vine Stratum (0%)	Status	% Cover

***Percent of dominant species FAC, FACW, or OBL:** 80% Criteria Met: Yes

Comments: In excavated drainageway approximately 4 feet deep, by 4 feet wide, bottom has 3:1 sidewalls. 2" of shallow surface water present nearby.

Determination: Wetland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	City of Bandon LWI	Number:	2395	Sample Site	JOH-8-66
Applicant:	City of Bandon	County:	Coos	Date:	1/16/02
Investigators:	PF/FS	Township:	28 S	Range: 15 W	Section: 36

Do Normal Circumstances exist on this site? **Yes** Is the area a potential Problem Area? **No**

Is this an Atypical Situation? **No**

HYDROLOGY

Depth of Surf. H2O	2	Inches
Depth to Free H20	0	Inches
Depth to Saturation	0	Inches

Primary Indicators		Secondary Indicators
Inundated	Yes	Ox. rhizospheres
Sat. in Upper 12"	Yes	H20-stained leaves
Water Marks		Local Soil Survey
Drift Lines		FAC Neutral Test
Sediment Deposits		Other
Drainage patterns		

Criteria Met: Yes

SOILS **Mapped Series:** Blacklock fine sandy loam **Hydric Soil?:** Yes

Classification: Typic Duraquods **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-6	10 YR 3/3	SL				
6-16	10 YR 2/1	SL				

*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay

Criteria Met: Yes

VEGETATION

Tree Stratum (0%)	Status	% Cover

Shrub Stratum (30%)	Status	% Cover
*Ulex europaeus**	UPL	50
*Pinus contorta**	FAC	50

Herbaceous Stratum (70%)	Status	% Cover
*Carex obnupta**	OBL	20
*Eleocharis ovata**	OBL	20
*Agrostis tenuis**	FAC	40
*Juncus effusus**	FACW	20

Woody Vine Stratum (0%)	Status	% Cover

***Percent of dominant species FAC, FACW, or OBL: 83%** **Criteria Met: Yes**

Comments: Small excavated pond area.

Determination: Wetland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	**City of Bandon LWI**	Number:	**2395**	Sample Site	**JOH-8-67**
Applicant:	**City of Bandon**	County:	**Coos**	Date:	**1/16/02**
Investigators:	**PF/FS**	Township:	**28 S**	Range: **15 W**	Section: **36**

Do Normal Circumstances exist on this site? **Yes** Is the area a potential Problem Area? **No**

Is this an Atypical Situation? **No**

HYDROLOGY			**Primary Indicators**	**Secondary Indicators**
			Inundated	**Ox. rhizospheres**
			Sat. in Upper 12"	**H20-stained leaves**
Depth of Surf. H2O		**Inches**	**Water Marks**	**Local Soil Survey**
Depth to Free H20	**>14**	**Inches**	**Drift Lines**	**FAC Neutral Test**
Depth to Saturation	**>14**	**Inches**	**Sediment Deposits**	**Other** _____
			Drainage patterns	**Criteria Met: No**

SOILS **Mapped Series:** Blacklock fine sandy loam **Hydric Soil?:** Yes

Classification: Typic Duraquods **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-4	10 YR 2/1					
4-11	10 YR 2/2	SDL				
11-14	10 YR 5/1	SDL	10 YR 5/6	few, distinct, coarse		

*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay

Criteria Met: Yes

VEGETATION

Tree Stratum (0%)	**Status**	**% Cover**

Shrub Stratum (90%)	**Status**	**% Cover**
Pinus contorta	**FAC**	**5**
*Ulex europaeus**	**UPL**	**95**

Herbaceous Stratum (10%)	**Status**	**% Cover**
*Agrostis tenuis**	**FAC**	**60**
*Hypochaeris radicata**	**FACU**	**20**
Pteridium aquilinum	**FACU**	**10**
Holcus lanatus	**FAC**	**10**

Woody Vine Stratum (0%)	**Status**	**% Cover**

***Percent of dominant species FAC, FACW, or OBL:** **33%** **Criteria Met: No**

Comments: Area has been disturbed in past, probably by logging. Some surface layer displacement in places.

Determination: Upland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	City of Bandon LWI	Number:	2395	Sample Site	JOH-8-68
Applicant:	City of Bandon	County:	Coos	Date:	1/16/02
Investigators:	PF/FS	Township:	28 S	Range: 15 W	Section: 36

Do Normal Circumstances exist on this site? **Yes** Is the area a potential Problem Area? **No**

Is this an Atypical Situation? **No**

HYDROLOGY

Depth of Surf. H2O		**Inches**
Depth to Free H20	**<1**	**Inches**
Depth to Saturation	**0**	**Inches**

Primary Indicators		**Secondary Indicators**	
Inundated		**Ox. rhizospheres**	**Yes**
Sat. in Upper 12"	**Yes**	**H20-stained leaves**	
Water Marks		**Local Soil Survey**	
Drift Lines		**FAC Neutral Test**	
Sediment Deposits		**Other** _____	
Drainage patterns	**Yes**	**Criteria Met:**	**Yes**

SOILS **Mapped Series:** Blacklock fine sandy loam **Hydric Soil?:** Yes

Classification: Typic Duraquods **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-12	10 YR 4/2	SD	7.5 YR 3/4	few, coarse, distinct	H2S odor	
12-16	10 YR 3/2	SD				

*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay

Criteria Met: **Yes**

VEGETATION

Tree Stratum (0%)	Status	% Cover

Shrub Stratum (5%)	Status	% Cover
*Alnus rubra**	FAC	100

Herbaceous Stratum (95%)	Status	% Cover
*Scirpus microcarpus**	OBL	50
Juncus effusus	FACW	10
*Oenanthe sarmentosa**	OBL	30
Nasturtium officinale	OBL	10

Woody Vine Stratum (0%)	Status	% Cover

***Percent of dominant species FAC, FACW, or OBL:** 100% **Criteria Met:** **Yes**

Comments: Channel has been excavated. Site has been logged and there is a heavy clay layer exposed, and seepage.

Determination: **Wetland**

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	City of Bandon LWI	Number:	2395	Sample Site	JOH-7-69
Applicant:	City of Bandon	County:	Coos	Date:	1/16/02
Investigators:	PF/FS	Township:	28 S	Range: 15 W	Section: 36

Do Normal Circumstances exist on this site? **Yes** Is the area a potential Problem Area? **No**

Is this an Atypical Situation? **No**

HYDROLOGY

Depth of Surf. H2O	1	Inches
Depth to Free H20	6	Inches
Depth to Saturation	0	Inches

Primary Indicators		Secondary Indicators
Inundated	Yes	Ox. rhizospheres
Sat. in Upper 12"	Yes	H20-stained leaves
Water Marks		Local Soil Survey
Drift Lines		FAC Neutral Test
Sediment Deposits		Other
Drainage patterns		Criteria Met: Yes

SOILS **Mapped Series:** Blacklock fine sandy loam **Hydric Soil?:** Yes

Classification: Typic Duraquods **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-5	10 YR 2/1	mucky peat				
5-7	10 YR 2/2	SL				
7-15	10 YR 5/1	SL	10 YR 5/6	few, distinct, coarse		

*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay

Criteria Met: Yes

VEGETATION

Tree Stratum (0%)	Status	% Cover

Shrub Stratum (40%)	Status	% Cover
*Ulex europaeus**	UPL	80
*Ledum glandulosum**	FACW+	20

Herbaceous Stratum (60%)	Status	% Cover
*Deschampsia cespitosa**	FACW	40
*Carex obnupta**	OBL	20
Holcus lanatus	FAC	10
*Agrostis stolonifera**	FAC	20
Hypochaeris radicata	FACU	5
Sisyrinchium californicum	FACW+	5

Woody Vine Stratum (0%)	Status	% Cover

***Percent of dominant species FAC, FACW, or OBL:** 80% Criteria Met: Yes

Comments: In previously disturbed areas, area may have been graded within past 10 years. Some surface ponding approximately 1-2" deep in adjacent areas.

Determination: Wetland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	City of Bandon LWI	Number:	2395	Sample Site	JOH-7-70
Applicant:	City of Bandon	County:	Coos	Date:	1/16/02
Investigators:	PF/FS	Township:	28 S	Range: 15 W	Section: 36

Do Normal Circumstances exist on this site? **Yes** Is the area a potential Problem Area? **No**

Is this an Atypical Situation? **No**

HYDROLOGY

			Primary Indicators	Secondary Indicators
			Inundated	Ox. rhizospheres
			Sat. in Upper 12"	H20-stained leaves
Depth of Surf. H2O		Inches	Water Marks	Local Soil Survey
Depth to Free H20	>16	Inches	Drift Lines	FAC Neutral Test
Depth to Saturation	>16	Inches	Sediment Deposits	Other _____
			Drainage patterns	Criteria Met: No

SOILS **Mapped Series:** Bullards sandy loam **Hydric Soil?:** No

Classification: Typic Haplorthods **Drainage Class:** well drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-6	10 YR 2/2	SL				
6-13	10 YR 3/1	SDL				
13-16	10 YR 5/4	SCL				
13-16	10 YR 4/2	SCL				

*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay

Criteria Met: No

VEGETATION

Tree Stratum (0%)	Status	% Cover

Shrub Stratum (10%)	Status	% Cover
*Ulex europaeus**	UPL	100

Herbaceous Stratum (85%)	Status	% Cover
*Holcus lanatus**	FAC	50
*Raphanus sativus**	NI	20
Pteridium aquilinum	FACU	5
*Epilobium angustifolium**	FACU+	20
Cirsium arvense	FACU+	5

Woody Vine Stratum (5%)	Status	% Cover
*Rubus ursinus**	FACU	100

***Percent of dominant species FAC, FACW, or OBL:** 25% Criteria Met: No

Comments:

Determination: Upland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	City of Bandon LWI	Number:	2395	Sample Site	JOH-11-71
Applicant:	City of Bandon	County:	Coos	Date:	9/24/02
Investigators:	ME/SE	Township:	29S	Range: 15W	Section: 1

Do Normal Circumstances exist on this site? **Yes** Is the area a potential Problem Area? **No**

Is this an Atypical Situation? **No**

HYDROLOGY

			Primary Indicators	Secondary Indicators	
			Inundated	Ox. rhizospheres	Yes
			Sat. in Upper 12"	H20-stained leaves	
Depth of Surf. H2O		Inches	Water Marks	Local Soil Survey	
Depth to Free H20	>14	Inches	Drift Lines	FAC Neutral Test	
Depth to Saturation	>14	Inches	Sediment Deposits	Other _____	
			Drainage patterns	Criteria Met:	No

SOILS **Mapped Series:** Blacklock fine sandy loam **Hydric Soil?:** Yes

Classification: Typic Duraquods **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-5	10 YR 3/3	L				
5-12	N 2.5	SDL				
12-14	10 YR 3/3	L				60%
	N 2.5	SDL				40%

*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay

Criteria Met: Yes

VEGETATION

Tree Stratum (45%)	Status	% Cover	Herbaceous Stratum (0%)	Status	% Cover
*Pinus contorta**	FAC	90			
Rhamnus purshiana	FAC-	10			
Shrub Stratum (55%)	**Status**	**% Cover**			
*Myrica californica**	FACW	35			
*Gaultheria shallon**	FACU	30			
*Vaccinium ovatum**	UPL	35			
			Woody Vine Stratum (0%)	**Status**	**% Cover**

***Percent of dominant species FAC, FACW, or OBL:** 50% Criteria Met: No

Comments: In wetland in the Golf Links community.

Determination: Upland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	City of Bandon LWI	Number:	2395	Sample Site	JOH-11-72
Applicant:	City of Bandon	County:	Coos	Date:	9/24/02
Investigators:	ME/SE	Township:	29S	Range: 15W	Section: 1

Do Normal Circumstances exist on this site? **Yes** Is the area a potential Problem Area? **No**

Is this an Atypical Situation? **No**

HYDROLOGY

Depth of Surf. H2O		Inches
Depth to Free H20	>14	Inches
Depth to Saturation	>14	Inches

Primary Indicators		Secondary Indicators	
Inundated		Ox. rhizospheres	Yes
Sat. in Upper 12"		H20-stained leaves	
Water Marks		Local Soil Survey	
Drift Lines		FAC Neutral Test	
Sediment Deposits		Other	
Drainage patterns	Yes	Criteria Met:	Yes

SOILS **Mapped Series:** Blacklock fine sandy loam **Hydric Soil?:** Yes

Classification: Typic Duraquods **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-14	10 YR 3/1	L	10 YR 5/8	common, medium, distinct		30%
	10 YR 4/1	L	10 YR 5/8	common, medium, distinct		35%
	10 YR 3/2	L	10 YR 5/8	common, medium, distinct		35%

*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay

Criteria Met: Yes

VEGETATION

Tree Stratum (0%)	Status	% Cover

Shrub Stratum (10%)	Status	% Cover
*Myrica californica**	FACW	90
Ulex europaeus	UPL	10

Herbaceous Stratum (90%)	Status	% Cover
*Phalaris arundinacea**	FACW	38
Agrostis tenuis	FAC	15
*Juncus effusus**	FACW	20
Hypochaeris radicata	FACU	12
Holcus lanatus	FAC	10
Anthoxanthum odoratum	FACU	5

Woody Vine Stratum (0%)	Status	% Cover

***Percent of dominant species FAC, FACW, or OBL:** 100% Criteria Met: Yes

Comments: In wetland in the Golf Links community.

Determination: Wetland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	City of Bandon LWI	Number:	2395	Sample Site	JOH-10-73
Applicant:	City of Bandon	County:	Coos	Date:	3/27/02
Investigators:	ME/SE	Township:	29 S	Range: 15 W	Section: 1

Do Normal Circumstances exist on this site? **Yes** Is the area a potential Problem Area? **No**

Is this an Atypical Situation? **No**

HYDROLOGY

Depth of Surf. H2O		**Inches**
Depth to Free H20	**>14**	**Inches**
Depth to Saturation	**>14**	**Inches**

Primary Indicators	**Secondary Indicators**
Inundated	**Ox. rhizospheres**
Sat. in Upper 12"	**H20-stained leaves**
Water Marks	**Local Soil Survey**
Drift Lines	**FAC Neutral Test**
Sediment Deposits	**Other** _____
Drainage patterns	**Criteria Met: No**

SOILS **Mapped Series:** Blacklock fine sandy loam **Hydric Soil?:** Yes

Classification: Typic Duraquods **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-6	10 YR 2/2	SL				
6-14	7.5 YR 3/4	SDL				

*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay

Criteria Met: No

VEGETATION

Tree Stratum (0%)	Status	% Cover

Shrub Stratum (75%)	Status	% Cover
*Ulex europaeus**	UPL	100

Herbaceous Stratum (25%)	Status	% Cover
*Agrostis tenuis**	FAC	95
Carex obnupta	OBL	5

Woody Vine Stratum (0%)	Status	% Cover

***Percent of dominant species FAC, FACW, or OBL:** 50% **Criteria Met: No**

Comments: Golf Links community surrounded by residential.

Determination: Upland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	City of Bandon LWI	Number:	2395	Sample Site	JOH-10-74
Applicant:	City of Bandon	County:	Coos	Date:	3/27/02
Investigators:	ME/SE	Township:	29 S	Range: 15 W	Section: 1

Do Normal Circumstances exist on this site? **Yes** Is the area a potential Problem Area? **No**

Is this an Atypical Situation? **No**

HYDROLOGY

Depth of Surf. H2O	<1	Inches
Depth to Free H20	0	Inches
Depth to Saturation	0	Inches

Primary Indicators		Secondary Indicators
Inundated	Yes	Ox. rhizospheres
Sat. in Upper 12"	Yes	H20-stained leaves
Water Marks		Local Soil Survey
Drift Lines		FAC Neutral Test
Sediment Deposits		Other _____
Drainage patterns	Yes	Criteria Met: Yes

SOILS **Mapped Series:** Blacklock fine sandy loam **Hydric Soil?:** Yes

Classification: Typic Duraquods **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-14	2.5 YR 2.5/1	SL				

*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay

Criteria Met: Yes

VEGETATION

Tree Stratum (0%)	Status	% Cover

Shrub Stratum (5%)	Status	% Cover
*Salix hookeriana**	FACW-	90
Pinus contorta	FAC	10

Herbaceous Stratum (95%)	Status	% Cover
*Agrostis tenuis**	FAC	80
Carex obnupta	OBL	10
Juncus effusus	FACW	10

Woody Vine Stratum (0%)	Status	% Cover

***Percent of dominant species FAC, FACW, or OBL:** 100% Criteria Met: Yes

Comments: Wetland area within Golf Links community surrounded by residential and gorse. Standing water connects to a small channel.

Determination: Wetland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	City of Bandon LWI	Number:	2395	Sample Site	JOH-10-75
Applicant:	City of Bandon	County:	Coos	Date:	9/24/02
Investigators:	ME/SE	Township:	29S Range: 15W	Section:	1

Do Normal Circumstances exist on this site? **Yes** Is the area a potential Problem Area? **No**

Is this an Atypical Situation? **No**

HYDROLOGY

Depth of Surf. H2O		**Inches**
Depth to Free H20	**>14**	**Inches**
Depth to Saturation	**>14**	**Inches**

Primary Indicators	**Secondary Indicators**
Inundated	**Ox. rhizospheres**
Sat. in Upper 12"	**H20-stained leaves**
Water Marks	**Local Soil Survey**
Drift Lines	**FAC Neutral Test**
Sediment Deposits	**Other** _____
Drainage patterns	**Criteria Met: No**

SOILS **Mapped Series:** Blacklock fine sandy loam **Hydric Soil?:** Yes

Classification: Typic Duraquods **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-14	10 YR 2/2	L				

*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay

Criteria Met: No

VEGETATION

Tree Stratum (0%)	Status	% Cover

Shrub Stratum (25%)	Status	% Cover
*Ulex europaeus**	UPL	100

Herbaceous Stratum (75%)	Status	% Cover
Agrostis tenuis	FAC	15
Hypochaeris radicata	FACU	10
Aster sp.	FAC	5
*Anthoxanthum odoratum**	FACU	35
Plantago major	FACU+	5
*Holcus lanatus**	FAC	20
Prunella vulgaris	FACU+	10

Woody Vine Stratum (0%)	Status	% Cover

***Percent of dominant species FAC, FACW, or OBL:** 33% **Criteria Met: No**

Comments: Golf Links community.

Determination: Upland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	City of Bandon LWI	Number:	2395	Sample Site	JOH-10-76
Applicant:	City of Bandon	County:	Coos	Date:	9/24/02
Investigators:	ME/SE	Township:	29S	Range: 15W	Section: 1

Do Normal Circumstances exist on this site? **Yes** Is the area a potential Problem Area? **No**

Is this an Atypical Situation? **No**

HYDROLOGY

Depth of Surf. H2O		Inches
Depth to Free H20	>16	Inches
Depth to Saturation	>16	Inches

Primary Indicators		Secondary Indicators	
Inundated		Ox. rhizospheres	Yes
Sat. in Upper 12"		H20-stained leaves	
Water Marks		Local Soil Survey	
Drift Lines		FAC Neutral Test	
Sediment Deposits		Other	
Drainage patterns	Yes	Criteria Met:	Yes

SOILS **Mapped Series:** Blacklock fine sandy loam **Hydric Soil?:** Yes

Classification: Typic Duraquods **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-16	10 YR 2/2	L				75%
	10 YR 4/1	L				25%

*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay

Criteria Met: Yes

VEGETATION

Tree Stratum (0%)	Status	% Cover

Shrub Stratum (0%)	Status	% Cover

Herbaceous Stratum (100%)	Status	% Cover
*Phalaris arundinacea**	FACW	65
*Holcus lanatus**	FAC	25
Aster sp.	FAC	10

Woody Vine Stratum (0%)	Status	% Cover

***Percent of dominant species FAC, FACW, or OBL:** 100% Criteria Met: Yes

Comments: Golf Links community.

Determination: Wetland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	City of Bandon LWI	Number:	2395	Sample Site	JOH-3E-77
Applicant:	City of Bandon	County:	Coos	Date:	1/16/02
Investigators:	PF/FS	Township:	29 S	Range: 14 W	Section: 6

Do Normal Circumstances exist on this site? **Yes** Is the area a potential Problem Area? **No**

Is this an Atypical Situation? **No**

HYDROLOGY

Depth of Surf. H2O		**Inches**
Depth to Free H20	**>16**	**Inches**
Depth to Saturation	**>16**	**Inches**

Primary Indicators	**Secondary Indicators**
Inundated	**Ox. rhizospheres**
Sat. in Upper 12"	**H20-stained leaves**
Water Marks	**Local Soil Survey**
Drift Lines	**FAC Neutral Test**
Sediment Deposits	**Other** _____
Drainage patterns	**Criteria Met: No**

SOILS **Mapped Series:** Bullards sandy loam **Hydric Soil?:** No

Classification: Typic Haplorthods **Drainage Class:** well drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-4	10 YR 4/3	SD				
4-11	10 YR 4/2	SD				
11-16	5 Y 5/2	SD				

*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay

Criteria Met: No

VEGETATION

Tree Stratum (0%)	Status	% Cover

Shrub Stratum (40%)	Status	% Cover
*Ulex europaeus**	UPL	50
*Myrica californica**	FACW	30
*Lonicera involucrata**	FAC+	20

Herbaceous Stratum (60%)	Status	% Cover
*Hypochaeris radicata**	FACU	30
*Festuca arundinacea**	FAC-	20
*Festuca rubra**	FAC+	40
Iris sp.	UPL	10

Woody Vine Stratum (0%)	Status	% Cover

***Percent of dominant species FAC, FACW, or OBL:** 50% **Criteria Met: No**

Comments: West of Johnson Creek drainage. Drainage narrows to south, then there are a series of small ponded areas. There are pockets of gorse and Carex, recently cleared.

Determination: Upland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	City of Bandon LWI	Number:	2395	Sample Site	JOH-3E-78
Applicant:	City of Bandon	County:	Coos	Date:	1/16/02
Investigators:	PF/FS	Township:	29 S	Range: 14 W	Section: 6

Do Normal Circumstances exist on this site? **Yes** Is the area a potential Problem Area? **No**

Is this an Atypical Situation? **No**

HYDROLOGY

Depth of Surf. H2O	4	Inches
Depth to Free H20	0	Inches
Depth to Saturation	0	Inches

Primary Indicators		Secondary Indicators	
Inundated	Yes	Ox. rhizospheres	Yes
Sat. in Upper 12"	Yes	H20-stained leaves	
Water Marks		Local Soil Survey	
Drift Lines		FAC Neutral Test	
Sediment Deposits		Other	
Drainage patterns	Yes	**Criteria Met:**	Yes

SOILS **Mapped Series:** Bullards sandy loam **Hydric Soil?:** No

Classification: Typic Haplorthods **Drainage Class:** well drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-5	10 YR 3/2	SD				Top 5" has additional thin layer <1/2" of muck
5-8	10 YR 3/2	muck				
8-14	10 YR 3/2	SD				

*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay

Criteria Met: Yes

VEGETATION

Tree Stratum (0%)	Status	% Cover

Shrub Stratum (60%)	Status	% Cover
*Salix hookeriana**	FACW-	90
Salix geyeriana	FACW+	10

Herbaceous Stratum (40%)	Status	% Cover
*Juncus effusus**	FACW	40
*Rorippa palustris**	OBL	30
Veronica americana	OBL	10
Oenanthe sarmentosa	OBL	10
Erechtites minima	UPL	5
Mentha x piperita	FACW+	5

Woody Vine Stratum (0%)	Status	% Cover

***Percent of dominant species FAC, FACW, or OBL:** 100% **Criteria Met:** Yes

Comments: In upper portion of drainage along airport runway. Steep-sided drainage formed by relocating stream.

Determination: Wetland

Appendix D

OFWAM Data and Summary Sheets



Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	Bandon Local Wetland Inventory	**Wetland:**	**SIM-1**
Project Location:	Coos County	**Wetland Type(s):**	PSS, PEM

Date(s) of field work:	OFF-SITE	**Approx. Area (acres):**	2.36
Onsite Assessment?:	NO	**Investigator(s):**	SE/FS
Wetland Location:	Highway 101 west to Riverside Drive, north of Austin Avenue.		

Function and Condition Assessment Answers:

Wildlife Habitat		Fish Habitat		Water Quality		Hydrologic Control		Sensitivity to Impact	
Q	A	Q	A	Q	A	Q	A	Q	A
Q-1	A	Q-1	B	Q-1	A	Q-1	A	Q-1	A
Q-2	A	Q-2	C	Q-2	B	Q-2	B	Q-2	B
Q-3	B	Q-3	B	Q-3	A	Q-3	B	Q-3	C
Q-4	C	Q-4	A	Q-4	B	Q-4	C	Q-4	B
Q-5	A	Q-5	B	Q-5	B	Q-5	A	Q-5	A
Q-6	A	Q-6	A	Q-6	C	Q-6	C	Q-6	A
Q-7	A					Q-7	A		
Q-8	B								
Q-9A									
Q-9B	A								

Results:

Wildlife Habitat	Wetland provides diverse wildlife habitat
Fish Habitat	Wetland's fish habitat function is impacted or degraded
Water Quality	Wetland's water-quality function is impacted or degraded
Hydrologic Control	Wetland's hydrologic control is impacted or degraded
Sensitivity to Impact	Wetland is potentially sensitive to future impacts

Function and Condition Assessment Answers:

Enhancement Potential		Education		Recreation		Aesthetic Quality	
Q	A	Q	A	Q	A	Q	A
Q-1		Q-1	C	Q-1	C	Q-1	B
Q-2		Q-2	A	Q-2	C	Q-2	C
Q-3		Q-3	A	Q-3	C	Q-3	A
Q-4		Q-4	B	Q-4	A	Q-4	A
Q-5B		Q-5	C	Q-5	B	Q-5	A
Q-6		Q-6	B	Q-6	B	Q-6	A

Results:

Enhancement Potential	Due to diverse wildlife habitat, this wetland cannot be enhanced
Education	Wetland site is not appropriate for educational use
Recreation	Wetland is not appropriate or does not provide rec. opportunities
Aesthetic Quality	Wetland is considered to be moderately pleasing

Oregon Freshwater Wetland Assessment Methodology
Functions and Conditions Summary Sheet

Project:	Bandon Local Wetland Inventory	**Wetland:**	**SIM-1**
Location:	Coos County	**Approx. Area (acres):**	2.36
Date:	OFF-SITE	**Wetland Types(s):**	PSS, PEM

Result:	**Wetland provides diverse wildlife habitat**	
Rationale:	More than one Cowardin class	No adjacent Water Quality limited streams
	Dominated by woody vegetation	Adjacent land use is primarily agriculture
	Less than 0.5 acres of open water	Wetland buffer is greater than 40%
Result:	**Wetland's fish habitat function is impacted or degraded**	
Rationale:	25-50% of stream is shaded	No adjacent Water Quality Limited streams
	Stream banks are extensively modified	Adjacent land use is primarily agriculture
	10-25% of stream has instream structures	Salmon and/or trout present in stream
Result:	**Wetland's water-quality function is impacted or degraded**	
Rationale:	Primary water source is surface flow	Surface water connection to other wetlands
	Can't determine if wetland floods or ponds	Adjacent land use is primarily agriculture
	High wetland vegetation cover	No adjacent Water Quality Limited streams
Result:	**Wetland's hydrologic control is impacted or degraded**	
Rationale:	Wetland is within 100 year floodplain	Dominated by woody vegetation
	Can't determine if wetland floods or ponds	Open space downslope of development
	Water has unrestricted flow out of wetland	Development upslope of wetland
Result:	**Wetland is potentially sensitive to future impacts**	
Rationale:	Stream modified or isolated wetland	Adjacent land use is primarily agriculture
	Water not taken out	Adjacent zoning is primarily development
	No adjacent Water Quality Limited streams	Dominated by woody vegetation
Result:	**Due to diverse wildlife habitat, this wetland cannot be enhanced**	
Rationale:		
Result:	**Wetland site is not appropriate for educational use**	
Rationale:	No access allowed to wetland	No access point to wetland exists
	No visible hazards to public	Wetland is not limited mobility accessible
	Other habitats can be observed not accessed	
Result:	**Wetland is not appropriate or does not provide rec. opportunities**	
Rationale:	No access point to wetland exists	Wetland provides diverse wildlife habitat
	No boat launching can be developed	No fishing is allowed
	No trails or viewing areas exist	No hunting is allowed
Result:	**Wetland is considered to be moderately pleasing**	
Rationale:	Two Cowardin classes visible	Wetland surrounded by natural areas
	Less than 25% of wetland can be seen	Natural odors present at wetland
	No visual detractors are present	Some traffic and natural noises are present

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	Bandon Local Wetland Inventory	**Wetland:**	**SIM-2**
Project Location:	Coos County	**Wetland Type(s):**	PSS, PEM, POW

Date(s) of field work:	5/9/02	**Approx. Area (acres):**	6.61
Onsite Assessment?:	PARTIAL	**Investigator(s):**	SE/FS
Wetland Location:	Ferry Road, east of Highway 101.		

Function and Condition Assessment Answers:

Wildlife Habitat		Fish Habitat		Water Quality		Hydrologic Control		Sensitivity to Impact	
Q	A	Q	A	Q	A	Q	A	Q	A
Q-1	A	Q-1	B	Q-1	A	Q-1	B	Q-1	A
Q-2	B	Q-2	A	Q-2	A	Q-2	A	Q-2	B
Q-3	C	Q-3	A	Q-3	C	Q-3	A	Q-3	C
Q-4	A	Q-4	A	Q-4	A	Q-4	A	Q-4	B
Q-5	A	Q-5	B	Q-5	B	Q-5	B	Q-5	A
Q-6	A	Q-6	C	Q-6	C	Q-6	A	Q-6	B
Q-7	A					Q-7	C		
Q-8	B								
Q-9A									
Q-9B	A								

Results:

Wildlife Habitat	Wetland provides diverse wildlife habitat
Fish Habitat	Wetland's fish habitat function is intact
Water Quality	Wetland's water-quality function is impacted or degraded
Hydrologic Control	Wetland's hydrologic control function is intact
Sensitivity to Impact	Wetland is potentially sensitive to future impacts

Function and Condition Assessment Answers:

Enhancement Potential		Education		Recreation		Aesthetic Quality	
Q	A	Q	A	Q	A	Q	A
Q-1		Q-1	C	Q-1	C	Q-1	B
Q-2		Q-2	A	Q-2	A	Q-2	A
Q-3		Q-3	A	Q-3	B	Q-3	C
Q-4		Q-4	A	Q-4	A	Q-4	B
Q-5B		Q-5	C	Q-5	B	Q-5	A
Q-6		Q-6	A	Q-6	B	Q-6	B

Results:

Enhancement Potential	Due to diverse wildlife habitat, this wetland cannot be enhanced
Education	Wetland site is not appropriate for educational use
Recreation	Wetland provides recreational opportunities
Aesthetic Quality	Wetland is considered to be moderately pleasing

Oregon Freshwater Wetland Assessment Methodology
Functions and Conditions Summary Sheet

Project:	Bandon Local Wetland Inventory	**Wetland:**	**SIM-2**
Location:	Coos County	**Approx. Area (acres):**	6.61
Date:	5/9/02	**Wetland Types(s):**	PSS, PEM, POW

Result:	**Wetland provides diverse wildlife habitat**	
Rationale:	More than one Cowardin class	No adjacent Water Quality limited streams
	Herbaceous vegetation & ponding	Adjacent land use is primarily agriculture
	Greater than 1 acre of open water	Wetland buffer is greater than 40%
Result:	**Wetland's fish habitat function is intact**	
Rationale:	25-50% of stream is shaded	No adjacent Water Quality Limited streams
	Stream is in a natural channel	Adjacent land use is primarily agriculture
	>25% of stream has instream structures	Stream does not contain fish
Result:	**Wetland's water-quality function is impacted or degraded**	
Rationale:	Primary water source is surface flow	Wetland is more than 5 acres in size
	Wetland floods/ponds in growing season	Adjacent land use is primarily agriculture
	Low vegetation cover	No adjacent Water Quality Limited streams
Result:	**Wetland's hydrologic control function is intact**	
Rationale:	Wetland is not within 100 year floodplain	Herbaceous vegetation & ponding
	Wetland floods/ponds in growing season	Development downslope of wetland
	Flow out of wetland is restricted	Open space upslope of wetland
Result:	**Wetland is potentially sensitive to future impacts**	
Rationale:	Stream modified or isolated wetland	Adjacent land use is primarily agriculture
	Water not taken out	Adjacent zoning is primarily development
	No adjacent Water Quality Limited streams	Herbaceous vegetation & ponding
Result:	**Due to diverse wildlife habitat, this wetland cannot be enhanced**	
Rationale:		
Result:	**Wetland site is not appropriate for educational use**	
Rationale:	No access allowed to wetland	No access point to wetland exists
	No visible hazards to public	Wetland is limited mobility accessible
	Public access to other habitats exist	
Result:	**Wetland provides recreational opportunities**	
Rationale:	No access point to wetland exists	Wetland provides diverse wildlife habitat
	Boat launching within 1/2 mile	No fishing is allowed
	Unmaintained trails, viewing areas exist	No hunting is allowed
Result:	**Wetland is considered to be moderately pleasing**	
Rationale:	Two Cowardin classes visible	Wetland surrounded by landscaped areas
	>50% of wetland can be seen	Natural odors present at wetland
	Visual detractors present, can't be removed	Continuous traffic and natural noises occur

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	Bandon Local Wetland Inventory	**Wetland:**	**SIM-3**
Project Location:	Coos County	**Wetland Type(s):**	PFO, PEM, POW

Date(s) of field work:	5/8/02	**Approx. Area (acres):**	0.19
Onsite Assessment?:	YES	**Investigator(s):**	SE/FS
Wetland Location:	Spring Creek from Ohio St. at 5th St, northwest to Hwy. 101.		

Function and Condition Assessment Answers:

Wildlife Habitat		Fish Habitat		Water Quality		Hydrologic Control		Sensitivity to Impact	
Q	A	Q	A	Q	A	Q	A	Q	A
Q-1	A	Q-1	B	Q-1	A	Q-1	B	Q-1	A
Q-2	A	Q-2	B	Q-2	A	Q-2	A	Q-2	B
Q-3	B	Q-3	B	Q-3	A	Q-3	B	Q-3	C
Q-4	C	Q-4	A	Q-4	B	Q-4	B	Q-4	A
Q-5	A	Q-5	C	Q-5	A	Q-5	A	Q-5	A
Q-6	A	Q-6	A	Q-6	C	Q-6	A	Q-6	A
Q-7	A					Q-7	A		
Q-8	C								
Q-9A									
Q-9B	A								

Results:

Wildlife Habitat	Wetland provides habitat for some wildlife species
Fish Habitat	Wetland's fish habitat function is impacted or degraded
Water Quality	Wetland's water-quality function is intact
Hydrologic Control	Wetland's hydrologic control function is intact
Sensitivity to Impact	Wetland is potentially sensitive to future impacts

Function and Condition Assessment Answers:

Enhancement Potential		Education		Recreation		Aesthetic Quality	
Q	A	Q	A	Q	A	Q	A
Q-1	A	Q-1	C	Q-1	C	Q-1	A
Q-2	A	Q-2	B	Q-2	C	Q-2	C
Q-3	A	Q-3	B	Q-3	C	Q-3	A
Q-4	B	Q-4	B	Q-4	B	Q-4	A
Q-5B	A	Q-5	C	Q-5	B	Q-5	A
Q-6	B	Q-6	B	Q-6	B	Q-6	A

Results:

Enhancement Potential	Wetland has high enhancement potential
Education	Wetland site is not appropriate for educational use
Recreation	Wetland is not appropriate or does not provide rec. opportunities
Aesthetic Quality	Wetland is considered to be pleasing

Oregon Freshwater Wetland Assessment Methodology
Functions and Conditions Summary Sheet

Project:	Bandon Local Wetland Inventory	**Wetland:**	**SIM-3**
Location:	Coos County	**Approx. Area (acres):**	0.19
Date:	5/8/02	**Wetland Types(s):**	PFO, PEM, POW

Result:	**Wetland provides habitat for some wildlife species**	
Rationale:	More than one Cowardin class	No adjacent Water Quality limited streams
	Dominated by woody vegetation	Adjacent land is mostly developed
	Less than 0.5 acres of open water	Wetland buffer is greater than 40%
Result:	**Wetland's fish habitat function is impacted or degraded**	
Rationale:	25-50% of stream is shaded	No adjacent Water Quality Limited streams
	Only portions of stream are modified	Adjacent land is mostly developed
	10-25% of stream has instream structures	Salmon and/or trout present in stream
Result:	**Wetland's water-quality function is intact**	
Rationale:	Primary water source is surface flow	Surface water connection to other wetlands
	Wetland floods/ponds in growing season	Adjacent land is mostly developed
	High wetland vegetation cover	No adjacent Water Quality Limited streams
Result:	**Wetland's hydrologic control function is intact**	
Rationale:	Wetland is not within 100 year floodplain	Dominated by woody vegetation
	Wetland floods/ponds in growing season	Development downslope of wetland
	Minor restrictions slow down the water	Development upslope of wetland
Result:	**Wetland is potentially sensitive to future impacts**	
Rationale:	Stream modified or isolated wetland	Adjacent land is mostly developed
	Water not taken out	Adjacent zoning is primarily development
	No adjacent Water Quality Limited streams	Dominated by woody vegetation
Result:	**Wetland has high enhancement potential**	
Rationale:	Wetland functions are impacted or degraded	Wetland is between 0.5 and 5 acres
	Primary water source is surface flow	Wetland buffer is greater than 40%
	Flow into wetland is not restricted	Potentially sensitive to future impacts
Result:	**Wetland site is not appropriate for educational use**	
Rationale:	No access allowed to wetland	No access point to wetland exists
	1 or 2 visible safety hazards	Wetland is not limited mobility accessible
	Other habitats can be observed not accessed	
Result:	**Wetland is not appropriate or does not provide rec. opportunities**	
Rationale:	No access point to wetland exists	Wetland provides habitat for some wildlife
	No boat launching can be developed	No fishing is allowed
	No trails or viewing areas exist	No hunting is allowed
Result:	**Wetland is considered to be pleasing**	
Rationale:	More than two Cowardin classes are visible	Wetland surrounded by natural areas
	Less than 25% of wetland can be seen	Natural odors present at wetland
	No visual detractors are present	Some traffic and natural noises are present

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	Bandon Local Wetland Inventory	**Wetland:**	SIM-4
Project Location:	Coos County	**Wetland Type(s):**	PFO, PSS

Date(s) of field work:	OFF-SITE	**Approx. Area (acres):**	0.38
Onsite Assessment?:	NO	**Investigator(s):**	SE/FS
Wetland Location:	Highway 101 west to Riverside Drive.		

Function and Condition Assessment Answers:

Wildlife Habitat		Fish Habitat		Water Quality		Hydrologic Control		Sensitivity to Impact	
Q	**A**	**Q**	**A**	**Q**	**A**	**Q**	**A**	**Q**	**A**
Q-1	**A**	Q-1	**A**	Q-1	**A**	Q-1	**A**	Q-1	**A**
Q-2	**A**	Q-2	**A**	Q-2	**B**	Q-2	**B**	Q-2	**B**
Q-3	**C**	Q-3	**B**	Q-3	**A**	Q-3	**B**	Q-3	**C**
Q-4	**C**	Q-4	**A**	Q-4	**B**	Q-4	**C**	Q-4	**C**
Q-5	**A**	Q-5	**A**	Q-5	**C**	Q-5	**A**	Q-5	**A**
Q-6	**A**	Q-6	**B**	Q-6	**C**	Q-6	**C**	Q-6	**A**
Q-7	**A**					Q-7	**A**		
Q-8	**A**								
Q-9A									
Q-9B	**A**								

Results:

Wildlife Habitat	Wetland provides habitat for some wildlife species
Fish Habitat	Wetland's fish habitat function is intact
Water Quality	Wetland's water-quality function is impacted or degraded
Hydrologic Control	Wetland's hydrologic control is impacted or degraded
Sensitivity to Impact	Wetland is potentially sensitive to future impacts

Function and Condition Assessment Answers:

Enhancement Potential		Education		Recreation		Aesthetic Quality	
Q	**A**	**Q**	**A**	**Q**	**A**	**Q**	**A**
Q-1	**A**	Q-1	**C**	Q-1	**C**	Q-1	**B**
Q-2	**A**	Q-2	**A**	Q-2	**C**	Q-2	**B**
Q-3	**A**	Q-3	**A**	Q-3	**C**	Q-3	**A**
Q-4	**B**	Q-4	**C**	Q-4	**B**	Q-4	**A**
Q-5B	**A**	Q-5	**C**	Q-5	**B**	Q-5	**A**
Q-6	**B**	Q-6	**B**	Q-6	**B**	Q-6	**A**

Results:

Enhancement Potential	Wetland has high enhancement potential
Education	Wetland site is not appropriate for educational use
Recreation	Wetland is not appropriate or does not provide rec. opportunities
Aesthetic Quality	Wetland is considered to be moderately pleasing

Oregon Freshwater Wetland Assessment Methodology
Functions and Conditions Summary Sheet

Project:	Bandon Local Wetland Inventory	**Wetland:**	**SIM-4**
Location:	Coos County	**Approx. Area (acres):**	0.38
Date:	OFF-SITE	**Wetland Types(s):**	PFO, PSS

Result:	**Wetland provides habitat for some wildlife species**	
Rationale:	More than one Cowardin class	No adjacent Water Quality limited streams
	Dominated by woody vegetation	Adjacent land is primarily open space
	Less than 0.5 acres of open water	Wetland buffer is greater than 40%
Result:	**Wetland's fish habitat function is intact**	
Rationale:	50% or more of stream is shaded	No adjacent Water Quality Limited streams
	Stream is in a natural channel	Adjacent land is primarily open space
	10-25% of stream has instream structures	Warmwater fish present in stream
Result:	**Wetland's water-quality function is impacted or degraded**	
Rationale:	Primary water source is surface flow	Surface water connection to other wetlands
	Can't determine if wetland floods or ponds	Adjacent land is primarily open space
	High wetland vegetation cover	No adjacent Water Quality Limited streams
Result:	**Wetland's hydrologic control is impacted or degraded**	
Rationale:	Wetland is within 100 year floodplain	Dominated by woody vegetation
	Can't determine if wetland floods or ponds	Open space downslope of development
	Water has unrestricted flow out of wetland	Development upslope of wetland
Result:	**Wetland is potentially sensitive to future impacts**	
Rationale:	Stream modified or isolated wetland	Adjacent land is primarily open space
	Water not taken out	Adjacent zoning is primarily development
	No adjacent Water Quality Limited streams	Dominated by woody vegetation
Result:	**Wetland has high enhancement potential**	
Rationale:	Wetland functions are impacted or degraded	Wetland is between 0.5 and 5 acres
	Primary water source is surface flow	Wetland buffer is greater than 40%
	Flow into wetland is not restricted	Potentially sensitive to future impacts
Result:	**Wetland site is not appropriate for educational use**	
Rationale:	No access allowed to wetland	No access point to wetland exists
	No visible hazards to public	Wetland is not limited mobility accessible
	No access or observation of other habitats	
Result:	**Wetland is not appropriate or does not provide rec. opportunities**	
Rationale:	No access point to wetland exists	Wetland provides habitat for some wildlife
	No boat launching can be developed	No fishing is allowed
	No trails or viewing areas exist	No hunting is allowed
Result:	**Wetland is considered to be moderately pleasing**	
Rationale:	Two Cowardin classes visible	Wetland surrounded by natural areas
	25 - 50% of wetland can be seen	Natural odors present at wetland
	No visual detractors are present	Some traffic and natural noises are present

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	Bandon Local Wetland Inventory	**Wetland:**	**SIM-5**
Project Location:	Coos County	**Wetland Type(s):**	PFO, PEM

Date(s) of field work:	5/8/02	**Approx. Area (acres):**	5.80
Onsite Assessment?:	YES	**Investigator(s):**	SE/FS
Wetland Location:	East of Riverside Drive, west of Michigan Avenue		

Function and Condition Assessment Answers:

Wildlife Habitat		Fish Habitat		Water Quality		Hydrologic Control		Sensitivity to Impact	
Q	A	Q	A	Q	A	Q	A	Q	A
Q-1	A	Q-1	C	Q-1	C	Q-1	B	Q-1	A
Q-2	A	Q-2	C	Q-2	A	Q-2	A	Q-2	B
Q-3	B	Q-3	C	Q-3	A	Q-3	B	Q-3	C
Q-4	C	Q-4	A	Q-4	B	Q-4	B	Q-4	C
Q-5	A	Q-5	A	Q-5	C	Q-5	A	Q-5	A
Q-6	A	Q-6	A	Q-6	C	Q-6	C	Q-6	A
Q-7	A					Q-7	A		
Q-8	A								
Q-9A									
Q-9B	A								

Results:

Wildlife Habitat	Wetland provides diverse wildlife habitat
Fish Habitat	Wetland's fish habitat function is impacted or degraded
Water Quality	Wetland's water-quality function is impacted or degraded
Hydrologic Control	Wetland's hydrologic control is impacted or degraded
Sensitivity to Impact	Wetland is potentially sensitive to future impacts

Function and Condition Assessment Answers:

Enhancement Potential		Education		Recreation		Aesthetic Quality	
Q	A	Q	A	Q	A	Q	A
Q-1		Q-1	C	Q-1	C	Q-1	B
Q-2		Q-2	A	Q-2	C	Q-2	C
Q-3		Q-3	A	Q-3	C	Q-3	A
Q-4		Q-4	B	Q-4	A	Q-4	A
Q-5B		Q-5	C	Q-5	B	Q-5	A
Q-6		Q-6	B	Q-6	B	Q-6	A

Results:

Enhancement Potential	Due to diverse wildlife habitat, this wetland cannot be enhanced
Education	Wetland site is not appropriate for educational use
Recreation	Wetland is not appropriate or does not provide rec. opportunities
Aesthetic Quality	Wetland is considered to be moderately pleasing

Oregon Freshwater Wetland Assessment Methodology
Functions and Conditions Summary Sheet

Project:	Bandon Local Wetland Inventory	**Wetland:**	**SIM-5**
Location:	Coos County	**Approx. Area (acres):**	5.80
Date:	5/8/02	**Wetland Types(s):**	PFO, PEM

Result:	**Wetland provides diverse wildlife habitat**	
Rationale:	More than one Cowardin class	No adjacent Water Quality limited streams
	Dominated by woody vegetation	Adjacent land is primarily open space
	Less than 0.5 acres of open water	Wetland buffer is greater than 40%
Result:	**Wetland's fish habitat function is impacted or degraded**	
Rationale:	Less than 25% of stream is shaded	No adjacent Water Quality Limited streams
	Stream banks are extensively modified	Adjacent land is primarily open space
	<10% of stream has instream structures	Salmon and/or trout present in stream
Result:	**Wetland's water-quality function is impacted or degraded**	
Rationale:	Primary water source is groundwater	Surface water connection to other wetlands
	Wetland floods/ponds in growing season	Adjacent land is primarily open space
	High wetland vegetation cover	No adjacent Water Quality Limited streams
Result:	**Wetland's hydrologic control is impacted or degraded**	
Rationale:	Wetland is not within 100 year floodplain	Dominated by woody vegetation
	Wetland floods/ponds in growing season	Open space downslope of development
	Minor restrictions slow down the water	Development upslope of wetland
Result:	**Wetland is potentially sensitive to future impacts**	
Rationale:	Stream modified or isolated wetland	Adjacent land is primarily open space
	Water not taken out	Adjacent zoning is primarily development
	No adjacent Water Quality Limited streams	Dominated by woody vegetation
Result:	**Due to diverse wildlife habitat, this wetland cannot be enhanced**	
Rationale:		
Result:	**Wetland site is not appropriate for educational use**	
Rationale:	No access allowed to wetland	No access point to wetland exists
	No visible hazards to public	Wetland is not limited mobility accessible
	Other habitats can be observed not accessed	
Result:	**Wetland is not appropriate or does not provide rec. opportunities**	
Rationale:	No access point to wetland exists	Wetland provides diverse wildlife habitat
	No boat launching can be developed	No fishing is allowed
	No trails or viewing areas exist	No hunting is allowed
Result:	**Wetland is considered to be moderately pleasing**	
Rationale:	Two Cowardin classes visible	Wetland surrounded by natural areas
	Less than 25% of wetland can be seen	Natural odors present at wetland
	No visual detractors are present	Some traffic and natural noises are present

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	Bandon Local Wetland Inventory	**Wetland:**	**SIM-6**
Project Location:	Coos County	**Wetland Type(s):**	PFO, PSS, PEM

Date(s) of field work:	OFF-SITE	**Approx. Area (acres):**	1.17
Onsite Assessment?:	NO	**Investigator(s):**	FS/ME
Wetland Location:	Southeast of Riverside Drive, north of Caroline Street		

Function and Condition Assessment Answers:

Wildlife Habitat		Fish Habitat		Water Quality		Hydrologic Control		Sensitivity to Impact	
Q	**A**	**Q**	**A**	**Q**	**A**	**Q**	**A**	**Q**	**A**
Q-1	**A**	Q-1		Q-1	**B**	Q-1	**A**	Q-1	**A**
Q-2	**A**	Q-2		Q-2	**C**	Q-2	**C**	Q-2	**B**
Q-3	**B**	Q-3		Q-3	**A**	Q-3	**B**	Q-3	**C**
Q-4	**C**	Q-4		Q-4	**B**	Q-4	**C**	Q-4	**A**
Q-5	**B**	Q-5		Q-5	**A**	Q-5	**A**	Q-5	**A**
Q-6	**B**	Q-6		Q-6	**C**	Q-6	**A**	Q-6	**A**
Q-7	**A**					Q-7	**A**		
Q-8	**C**								
Q-9A									
Q-9B	**A**								

Results:

Wildlife Habitat	Wetland provides habitat for some wildlife species
Fish Habitat	Fish habitat was not assessed for this wetland
Water Quality	Wetland's water-quality function is impacted or degraded
Hydrologic Control	Wetland's hydrologic control function is intact
Sensitivity to Impact	Wetland is potentially sensitive to future impacts

Function and Condition Assessment Answers:

Enhancement Potential		Education		Recreation		Aesthetic Quality	
Q	**A**	**Q**	**A**	**Q**	**A**	**Q**	**A**
Q-1	**A**	Q-1	**C**	Q-1	**C**	Q-1	**A**
Q-2	**C**	Q-2	**A**	Q-2	**C**	Q-2	**B**
Q-3		Q-3	**B**	Q-3	**C**	Q-3	**C**
Q-4	**B**	Q-4	**C**	Q-4	**B**	Q-4	**C**
Q-5B	**A**	Q-5	**C**	Q-5	**B**	Q-5	**A**
Q-6	**B**	Q-6	**B**	Q-6	**B**	Q-6	**B**

Results:

Enhancement Potential	Wetland has high enhancement potential
Education	Wetland site is not appropriate for educational use
Recreation	Wetland is not appropriate or does not provide rec. opportunities
Aesthetic Quality	Wetland is not aesthetically pleasing

Oregon Freshwater Wetland Assessment Methodology
Functions and Conditions Summary Sheet

Project:	Bandon Local Wetland Inventory	**Wetland:**	**SIM-6**
Location:	Coos County	**Approx. Area (acres):**	1.17
Date:	OFF-SITE	**Wetland Types(s):**	PFO, PSS, PEM

Result:	**Wetland provides habitat for some wildlife species**	
Rationale:	More than one Cowardin class	No adjacent Water Quality limited streams
	Dominated by woody vegetation	Adjacent land is mostly developed
	Less than 0.5 acres of open water	Wetland buffer is greater than 40%

Result:	**Fish habitat was not assessed for this wetland**	
Rationale:		

Result:	**Wetland's water-quality function is impacted or degraded**	
Rationale:	Primary water source is precipitation	Surface water connection to other wetlands
	Wetland does not flood or pond	Adjacent land is mostly developed
	High wetland vegetation cover	No adjacent Water Quality Limited streams

Result:	**Wetland's hydrologic control function is intact**	
Rationale:	Wetland is within 100 year floodplain	Dominated by woody vegetation
	Wetland does not flood or pond	Development downslope of wetland
	Water has unrestricted flow out of wetland	Development upslope of wetland

Result:	**Wetland is potentially sensitive to future impacts**	
Rationale:	Stream modified or isolated wetland	Adjacent land is mostly developed
	Water not taken out	Adjacent zoning is primarily development
	No adjacent Water Quality Limited streams	Dominated by woody vegetation

Result:	**Wetland has high enhancement potential**	
Rationale:	Wetland functions are impacted or degraded	Wetland is between 0.5 and 5 acres
	Primary water source is precipitation	Wetland buffer is greater than 40%
	Water flow is permanently restricted	Potentially sensitive to future impacts

Result:	**Wetland site is not appropriate for educational use**	
Rationale:	No access allowed to wetland	No access point to wetland exists
	No visible hazards to public	Wetland is not limited mobility accessible
	No access or observation of other habitats	

Result:	**Wetland is not appropriate or does not provide rec. opportunities**	
Rationale:	No access point to wetland exists	Wetland provides habitat for some wildlife
	No boat launching can be developed	No fishing is allowed
	No trails or viewing areas exist	No hunting is allowed

Result:	**Wetland is not aesthetically pleasing**	
Rationale:	More than two Cowardin classes are visible	Wetland surrounded by development
	25 - 50% of wetland can be seen	Natural odors present at wetland
	Visual detractors present, can't be removed	Continuous traffic and natural noises occur

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	Bandon Local Wetland Inventory	**Wetland:**	**FER-1**
Project Location:	Coos County	**Wetland Type(s):**	PEM, PSS, PFO

Date(s) of field work:	10/2/2002, 4/1/02	**Approx. Area (acres):**	42.49
Onsite Assessment?:	PARTIAL	**Investigator(s):**	PF, JVS
Wetland Location:	Ferry Creek south of Hwy. 101		

Function and Condition Assessment Answers:

Wildlife Habitat		Fish Habitat		Water Quality		Hydrologic Control		Sensitivity to Impact	
Q	A	Q	A	Q	A	Q	A	Q	A
Q-1	A	Q-1	A	Q-1	A	Q-1	A	Q-1	B
Q-2	A	Q-2	B	Q-2	A	Q-2	A	Q-2	B
Q-3	A	Q-3	A	Q-3	A	Q-3	A	Q-3	C
Q-4	B	Q-4	A	Q-4	C	Q-4	C	Q-4	A
Q-5	A	Q-5	C	Q-5	A	Q-5	A	Q-5	A
Q-6	A	Q-6	A	Q-6	C	Q-6	A	Q-6	A
Q-7	A					Q-7	B		
Q-8	C								
Q-9A									
Q-9B	A								

Results:

Wildlife Habitat	Wetland provides diverse wildlife habitat
Fish Habitat	Wetland's fish habitat function is intact
Water Quality	Wetland's water-quality function is intact
Hydrologic Control	Wetland's hydrologic control function is intact
Sensitivity to Impact	Wetland is potentially sensitive to future impacts

Function and Condition Assessment Answers:

Enhancement Potential		Education		Recreation		Aesthetic Quality	
Q	A	Q	A	Q	A	Q	A
Q-1		Q-1	C	Q-1	C	Q-1	A
Q-2		Q-2	A	Q-2	C	Q-2	C
Q-3		Q-3	A	Q-3	C	Q-3	A
Q-4		Q-4	B	Q-4	A	Q-4	A
Q-5B		Q-5	C	Q-5	B	Q-5	A
Q-6		Q-6	B	Q-6	B	Q-6	A

Results:

Enhancement Potential	Due to diverse wildlife habitat, this wetland cannot be enhanced
Education	Wetland site is not appropriate for educational use
Recreation	Wetland is not appropriate or does not provide rec. opportunities
Aesthetic Quality	Wetland is considered to be pleasing

Oregon Freshwater Wetland Assessment Methodology
Functions and Conditions Summary Sheet

Project:	Bandon Local Wetland Inventory	**Wetland:**	**FER-1**
Location:	Coos County	**Approx. Area (acres):**	42.49
Date:	10/2/2002, 4/1/02	**Wetland Types(s):**	PEM, PSS, PFO

Result:	**Wetland provides diverse wildlife habitat**	
Rationale:	More than one Cowardin class	No adjacent Water Quality limited streams
	Dominated by woody vegetation	Adjacent land is mostly developed
	Between 0.5 - 1 acre of open water	Wetland buffer is greater than 40%
Result:	**Wetland's fish habitat function is intact**	
Rationale:	50% or more of stream is shaded	No adjacent Water Quality Limited streams
	Only portions of stream are modified	Adjacent land is mostly developed
	>25% of stream has instream structures	Salmon and/or trout present in stream
Result:	**Wetland's water-quality function is intact**	
Rationale:	Primary water source is surface flow	Isolated from other wetlands
	Wetland floods/ponds in growing season	Adjacent land is mostly developed
	High wetland vegetation cover	No adjacent Water Quality Limited streams
Result:	**Wetland's hydrologic control function is intact**	
Rationale:	Wetland is within 100 year floodplain	Dominated by woody vegetation
	Wetland floods/ponds in growing season	Development downslope of wetland
	Water has unrestricted flow out of wetland	Agriculture upslope of wetland
Result:	**Wetland is potentially sensitive to future impacts**	
Rationale:	Stream not modified	Adjacent land is mostly developed
	Water not taken out	Adjacent zoning is primarily development
	No adjacent Water Quality Limited streams	Dominated by woody vegetation
Result:	**Due to diverse wildlife habitat, this wetland cannot be enhanced**	
Rationale:		
Result:	**Wetland site is not appropriate for educational use**	
Rationale:	No access allowed to wetland	No access point to wetland exists
	No visible hazards to public	Wetland is not limited mobility accessible
	Other habitats can be observed not accessed	
Result:	**Wetland is not appropriate or does not provide rec. opportunities**	
Rationale:	No access point to wetland exists	Wetland provides diverse wildlife habitat
	No boat launching can be developed	No fishing is allowed
	No trails or viewing areas exist	No hunting is allowed
Result:	**Wetland is considered to be pleasing**	
Rationale:	More than two Cowardin classes are visible	Wetland surrounded by natural areas
	Less than 25% of wetland can be seen	Natural odors present at wetland
	No visual detractors are present	Some traffic and natural noises are present

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	Bandon Local Wetland Inventory	**Wetland:**	**FER-2**
Project Location:	Coos County	**Wetland Type(s):**	PSS, PEM

Date(s) of field work:	9/24/02	**Approx. Area (acres):**	0.44
Onsite Assessment?:	YES	**Investigator(s):**	SE/ME
Wetland Location:	South of 5th Street, East of Fillmore Avenue, West of Grand		

Function and Condition Assessment Answers:

Wildlife Habitat		Fish Habitat		Water Quality		Hydrologic Control		Sensitivity to Impact	
Q	A	Q	A	Q	A	Q	A	Q	A
Q-1	A	Q-1		Q-1	B	Q-1	B	Q-1	A
Q-2	A	Q-2		Q-2	A	Q-2	A	Q-2	A
Q-3	C	Q-3		Q-3	C	Q-3	C	Q-3	C
Q-4	C	Q-4		Q-4	C	Q-4	C	Q-4	A
Q-5	B	Q-5		Q-5	A	Q-5	A	Q-5	A
Q-6	B	Q-6		Q-6	C	Q-6	A	Q-6	A
Q-7	A					Q-7	A		
Q-8	C								
Q-9A									
Q-9B	B								

Results:

Wildlife Habitat	Wetland provides habitat for some wildlife species
Fish Habitat	Fish habitat was not assessed for this wetland
Water Quality	Wetland's water-quality function is impacted or degraded
Hydrologic Control	Wetland's hydrologic control function is intact
Sensitivity to Impact	Wetland is potentially sensitive to future impacts

Function and Condition Assessment Answers:

Enhancement Potential		Education		Recreation		Aesthetic Quality	
Q	A	Q	A	Q	A	Q	A
Q-1	A	Q-1	C	Q-1	B	Q-1	B
Q-2	C	Q-2	A	Q-2	C	Q-2	A
Q-3		Q-3	B	Q-3	C	Q-3	C
Q-4	C	Q-4	C	Q-4	B	Q-4	C
Q-5B	B	Q-5	B	Q-5	B	Q-5	A
Q-6	B	Q-6	B	Q-6	B	Q-6	B

Results:

Enhancement Potential	Wetland has moderate potential for enhancement
Education	Wetland site is not appropriate for educational use
Recreation	Wetland has the potential to provide recreational activities
Aesthetic Quality	Wetland is not aesthetically pleasing

Oregon Freshwater Wetland Assessment Methodology
Functions and Conditions Summary Sheet

Project:	Bandon Local Wetland Inventory	**Wetland:**	**FER-2**
Location:	Coos County	**Approx. Area (acres):**	0.44
Date:	9/24/02	**Wetland Types(s):**	PSS, PEM

Result:	**Wetland provides habitat for some wildlife species**	
Rationale:	More than one Cowardin class	No adjacent Water Quality limited streams
	Dominated by woody vegetation	Adjacent land is mostly developed
	Less than 0.5 acres of open water	Wetland buffer is between 10% and 40%
Result:	**Fish habitat was not assessed for this wetland**	
Rationale:		
Result:	**Wetland's water-quality function is impacted or degraded**	
Rationale:	Primary water source is precipitation	Isolated from other wetlands
	Wetland floods/ponds in growing season	Adjacent land is mostly developed
	Low vegetation cover	No adjacent Water Quality Limited streams
Result:	**Wetland's hydrologic control function is intact**	
Rationale:	Wetland is not within 100 year floodplain	Dominated by woody vegetation
	Wetland floods/ponds in growing season	Development downslope of wetland
	Water has unrestricted flow out of wetland	Development upslope of wetland
Result:	**Wetland is potentially sensitive to future impacts**	
Rationale:	Stream modified or isolated wetland	Adjacent land is mostly developed
	Water is taken out or isolated wetland	Adjacent zoning is primarily development
	No adjacent Water Quality Limited streams	Dominated by woody vegetation
Result:	**Wetland has moderate potential for enhancement**	
Rationale:	Wetland functions are impacted or degraded	Wetland is less than 0.5 acres
	Primary water source is precipitation	Wetland buffer is between 10% and 40%
	Water flow is permanently restricted	Potentially sensitive to future impacts
Result:	**Wetland site is not appropriate for educational use**	
Rationale:	No access allowed to wetland	Unmaintained public access within 250 feet
	No visible hazards to public	Wetland is not limited mobility accessible
	No access or observation of other habitats	
Result:	**Wetland has the potential to provide recreational activities**	
Rationale:	Unmaintained public access within 250 feet	Wetland provides habitat for some wildlife
	No boat launching can be developed	No fishing is allowed
	No trails or viewing areas exist	No hunting is allowed
Result:	**Wetland is not aesthetically pleasing**	
Rationale:	Two Cowardin classes visible	Wetland surrounded by development
	>50% of wetland can be seen	Natural odors present at wetland
	Visual detractors present, can't be removed	Continuous traffic and natural noises occur

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	Bandon Local Wetland Inventory	**Wetland:**	**FER-3**
Project Location:	Coos County	**Wetland Type(s):**	PFO, PSS, PEM

Date(s) of field work:	9/24/02	**Approx. Area (acres):**	0.60
Onsite Assessment?:	YES	**Investigator(s):**	SE/ME
Wetland Location:	East of Fillmore Avenue, north and south of 6th Street		

Function and Condition Assessment Answers:

Wildlife Habitat		Fish Habitat		Water Quality		Hydrologic Control		Sensitivity to Impact	
Q	**A**	**Q**	**A**	**Q**	**A**	**Q**	**A**	**Q**	**A**
Q-1	**A**	Q-1		Q-1	**B**	Q-1	**B**	Q-1	**A**
Q-2	**A**	Q-2		Q-2	**A**	Q-2	**A**	Q-2	**A**
Q-3	**B**	Q-3		Q-3	**A**	Q-3	**C**	Q-3	**C**
Q-4	**C**	Q-4		Q-4	**C**	Q-4	**C**	Q-4	**A**
Q-5	**B**	Q-5		Q-5	**A**	Q-5	**A**	Q-5	**A**
Q-6	**B**	Q-6		Q-6	**C**	Q-6	**A**	Q-6	**A**
Q-7	**A**					Q-7	**A**		
Q-8	**C**								
Q-9A									
Q-9B	**A**								

Results:

Wildlife Habitat	Wetland provides habitat for some wildlife species
Fish Habitat	Fish habitat was not assessed for this wetland
Water Quality	Wetland's water-quality function is intact
Hydrologic Control	Wetland's hydrologic control function is intact
Sensitivity to Impact	Wetland is potentially sensitive to future impacts

Function and Condition Assessment Answers:

Enhancement Potential		Education		Recreation		Aesthetic Quality	
Q	**A**	**Q**	**A**	**Q**	**A**	**Q**	**A**
Q-1	**A**	Q-1	**C**	Q-1	**C**	Q-1	**A**
Q-2	**C**	Q-2	**A**	Q-2	**C**	Q-2	**A**
Q-3		Q-3	**B**	Q-3	**C**	Q-3	**C**
Q-4	**C**	Q-4	**C**	Q-4	**B**	Q-4	**C**
Q-5B	**A**	Q-5	**C**	Q-5	**B**	Q-5	**A**
Q-6	**B**	Q-6	**B**	Q-6	**B**	Q-6	**B**

Results:

Enhancement Potential	Wetland has moderate potential for enhancement
Education	Wetland site is not appropriate for educational use
Recreation	Wetland is not appropriate or does not provide rec. opportunities
Aesthetic Quality	Wetland is not aesthetically pleasing

Oregon Freshwater Wetland Assessment Methodology
Functions and Conditions Summary Sheet

Project:	Bandon Local Wetland Inventory	**Wetland:**	**FER-3**
Location:	Coos County	**Approx. Area (acres):**	0.60
Date:	9/24/02	**Wetland Types(s):**	PFO, PSS, PEM

Result:	**Wetland provides habitat for some wildlife species**	
Rationale:	More than one Cowardin class	No adjacent Water Quality limited streams
	Dominated by woody vegetation	Adjacent land is mostly developed
	Less than 0.5 acres of open water	Wetland buffer is greater than 40%
Result:	**Fish habitat was not assessed for this wetland**	
Rationale:		
Result:	**Wetland's water-quality function is intact**	
Rationale:	Primary water source is precipitation	Isolated from other wetlands
	Wetland floods/ponds in growing season	Adjacent land is mostly developed
	High wetland vegetation cover	No adjacent Water Quality Limited streams
Result:	**Wetland's hydrologic control function is intact**	
Rationale:	Wetland is not within 100 year floodplain	Dominated by woody vegetation
	Wetland floods/ponds in growing season	Development downslope of wetland
	Water has unrestricted flow out of wetland	Development upslope of wetland
Result:	**Wetland is potentially sensitive to future impacts**	
Rationale:	Stream modified or isolated wetland	Adjacent land is mostly developed
	Water is taken out or isolated wetland	Adjacent zoning is primarily development
	No adjacent Water Quality Limited streams	Dominated by woody vegetation
Result:	**Wetland has moderate potential for enhancement**	
Rationale:	Wetland functions are impacted or degraded	Wetland is less than 0.5 acres
	Primary water source is precipitation	Wetland buffer is greater than 40%
	Water flow is permanently restricted	Potentially sensitive to future impacts
Result:	**Wetland site is not appropriate for educational use**	
Rationale:	No access allowed to wetland	No access point to wetland exists
	No visible hazards to public	Wetland is not limited mobility accessible
	No access or observation of other habitats	
Result:	**Wetland is not appropriate or does not provide rec. opportunities**	
Rationale:	No access point to wetland exists	Wetland provides habitat for some wildlife
	No boat launching can be developed	No fishing is allowed
	No trails or viewing areas exist	No hunting is allowed
Result:	**Wetland is not aesthetically pleasing**	
Rationale:	More than two Cowardin classes are visible	Wetland surrounded by development
	>50% of wetland can be seen	Natural odors present at wetland
	Visual detractors present, can't be removed	Continuous traffic and natural noises occur

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	Bandon Local Wetland Inventory	**Wetland:**	**FER-4**
Project Location:	Coos County	**Wetland Type(s):**	PFO, PSS, PEM

Date(s) of field work:	9/24/02	**Approx. Area (acres):**	0.24
Onsite Assessment?:	YES	**Investigator(s):**	SE/ME
Wetland Location:	East of Fillmore Avenue, between 9th and 11th Streets		

Function and Condition Assessment Answers:

Wildlife Habitat		Fish Habitat		Water Quality		Hydrologic Control		Sensitivity to Impact	
Q	A	Q	A	Q	A	Q	A	Q	A
Q-1	A	Q-1	B	Q-1	B	Q-1	B	Q-1	A
Q-2	A	Q-2	B	Q-2	A	Q-2	A	Q-2	B
Q-3	B	Q-3	C	Q-3	A	Q-3	C	Q-3	C
Q-4	C	Q-4	A	Q-4	B	Q-4	A	Q-4	A
Q-5	A	Q-5	C	Q-5	A	Q-5	A	Q-5	A
Q-6	A	Q-6	B	Q-6	C	Q-6	A	Q-6	A
Q-7	A					Q-7	A		
Q-8	C								
Q-9A									
Q-9B	A								

Results:

Wildlife Habitat	Wetland provides habitat for some wildlife species
Fish Habitat	Wetland's fish habitat function is impacted or degraded
Water Quality	Wetland's water-quality function is intact
Hydrologic Control	Wetland's hydrologic control function is intact
Sensitivity to Impact	Wetland is potentially sensitive to future impacts

Function and Condition Assessment Answers:

Enhancement Potential		Education		Recreation		Aesthetic Quality	
Q	A	Q	A	Q	A	Q	A
Q-1	A	Q-1	A	Q-1	B	Q-1	B
Q-2	C	Q-2	A	Q-2	C	Q-2	B
Q-3		Q-3	B	Q-3	B	Q-3	C
Q-4	C	Q-4	A	Q-4	B	Q-4	C
Q-5B	A	Q-5	B	Q-5	B	Q-5	A
Q-6	B	Q-6	B	Q-6	B	Q-6	A

Results:

Enhancement Potential	Wetland has moderate potential for enhancement
Education	Wetland has educational uses
Recreation	Wetland has the potential to provide recreational activities
Aesthetic Quality	Wetland is not aesthetically pleasing

Oregon Freshwater Wetland Assessment Methodology
Functions and Conditions Summary Sheet

Project:	Bandon Local Wetland Inventory	**Wetland:**	**FER-4**
Location:	Coos County	**Approx. Area (acres):**	0.24
Date:	9/24/02	**Wetland Types(s):**	PFO, PSS, PEM

Result:	**Wetland provides habitat for some wildlife species**	
Rationale:	More than one Cowardin class	No adjacent Water Quality limited streams
	Dominated by woody vegetation	Adjacent land is mostly developed
	Less than 0.5 acres of open water	Wetland buffer is greater than 40%
Result:	**Wetland's fish habitat function is impacted or degraded**	
Rationale:	25-50% of stream is shaded	No adjacent Water Quality Limited streams
	Only portions of stream are modified	Adjacent land is mostly developed
	<10% of stream has instream structures	Warmwater fish present in stream
Result:	**Wetland's water-quality function is intact**	
Rationale:	Primary water source is precipitation	Surface water connection to other wetlands
	Wetland floods/ponds in growing season	Adjacent land is mostly developed
	High wetland vegetation cover	No adjacent Water Quality Limited streams
Result:	**Wetland's hydrologic control function is intact**	
Rationale:	Wetland is not within 100 year floodplain	Dominated by woody vegetation
	Wetland floods/ponds in growing season	Development downslope of wetland
	Flow out of wetland is restricted	Development upslope of wetland
Result:	**Wetland is potentially sensitive to future impacts**	
Rationale:	Stream modified or isolated wetland	Adjacent land is mostly developed
	Water not taken out	Adjacent zoning is primarily development
	No adjacent Water Quality Limited streams	Dominated by woody vegetation
Result:	**Wetland has moderate potential for enhancement**	
Rationale:	Wetland functions are impacted or degraded	Wetland is less than 0.5 acres
	Primary water source is precipitation	Wetland buffer is greater than 40%
	Water flow is permanently restricted	Potentially sensitive to future impacts
Result:	**Wetland has educational uses**	
Rationale:	Wetland is open to the public	Unmaintained public access within 250 feet
	No visible hazards to public	Wetland is not limited mobility accessible
	Public access to other habitats exist	
Result:	**Wetland has the potential to provide recreational activities**	
Rationale:	Unmaintained public access within 250 feet	Wetland provides habitat for some wildlife
	No boat launching can be developed	No fishing is allowed
	Unmaintained trails, viewing areas exist	No hunting is allowed
Result:	**Wetland is not aesthetically pleasing**	
Rationale:	Two Cowardin classes visible	Wetland surrounded by development
	25 - 50% of wetland can be seen	Natural odors present at wetland
	Visual detractors present, can't be removed	Some traffic and natural noises are present

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	Bandon Local Wetland Inventory	**Wetland:**	**FER-5**
Project Location:	Coos County	**Wetland Type(s):**	PEM, PSS

Date(s) of field work:	OFF-SITE	**Approx. Area (acres):**	1.02
Onsite Assessment?:	NO	**Investigator(s):**	PF, JVS
Wetland Location:	Old mill site, south of 11th, east of Rosa		

Function and Condition Assessment Answers:

Wildlife Habitat		Fish Habitat		Water Quality		Hydrologic Control		Sensitivity to Impact	
Q	A	Q	A	Q	A	Q	A	Q	A
Q-1	A	Q-1		Q-1	B	Q-1	B	Q-1	A
Q-2	A	Q-2		Q-2	A	Q-2	A	Q-2	B
Q-3	C	Q-3		Q-3	B	Q-3	C	Q-3	C
Q-4	C	Q-4		Q-4	B	Q-4	C	Q-4	A
Q-5	A	Q-5		Q-5	A	Q-5	A	Q-5	A
Q-6	A	Q-6		Q-6	C	Q-6	A	Q-6	A
Q-7	A					Q-7	A		
Q-8	C								
Q-9A									
Q-9B	B								

Results:

Wildlife Habitat	Wetland provides habitat for some wildlife species
Fish Habitat	Fish habitat was not assessed for this wetland
Water Quality	Wetland's water-quality function is impacted or degraded
Hydrologic Control	Wetland's hydrologic control function is intact
Sensitivity to Impact	Wetland is potentially sensitive to future impacts

Function and Condition Assessment Answers:

Enhancement Potential		Education		Recreation		Aesthetic Quality	
Q	A	Q	A	Q	A	Q	A
Q-1	A	Q-1	C	Q-1	C	Q-1	B
Q-2	C	Q-2	A	Q-2	C	Q-2	B
Q-3		Q-3	B	Q-3	C	Q-3	C
Q-4	C	Q-4	C	Q-4	B	Q-4	B
Q-5B	B	Q-5	C	Q-5	B	Q-5	A
Q-6	B	Q-6	B	Q-6	B	Q-6	A

Results:

Enhancement Potential	Wetland has moderate potential for enhancement
Education	Wetland site is not appropriate for educational use
Recreation	Wetland is not appropriate or does not provide rec. opportunities
Aesthetic Quality	Wetland is considered to be moderately pleasing

Oregon Freshwater Wetland Assessment Methodology
Functions and Conditions Summary Sheet

Project:	Bandon Local Wetland Inventory	**Wetland:**	**FER-5**
Location:	Coos County	**Approx. Area (acres):**	1.02
Date:	OFF-SITE	**Wetland Types(s):**	PEM, PSS

Result:	**Wetland provides habitat for some wildlife species**	
Rationale:	More than one Cowardin class	No adjacent Water Quality limited streams
	Dominated by woody vegetation	Adjacent land is mostly developed
	Less than 0.5 acres of open water	Wetland buffer is between 10% and 40%
Result:	**Fish habitat was not assessed for this wetland**	
Rationale:		
Result:	**Wetland's water-quality function is impacted or degraded**	
Rationale:	Primary water source is precipitation	Surface water connection to other wetlands
	Wetland floods/ponds in growing season	Adjacent land is mostly developed
	Moderate vegetation cover	No adjacent Water Quality Limited streams
Result:	**Wetland's hydrologic control function is intact**	
Rationale:	Wetland is not within 100 year floodplain	Dominated by woody vegetation
	Wetland floods/ponds in growing season	Development downslope of wetland
	Water has unrestricted flow out of wetland	Development upslope of wetland
Result:	**Wetland is potentially sensitive to future impacts**	
Rationale:	Stream modified or isolated wetland	Adjacent land is mostly developed
	Water not taken out	Adjacent zoning is primarily development
	No adjacent Water Quality Limited streams	Dominated by woody vegetation
Result:	**Wetland has moderate potential for enhancement**	
Rationale:	Wetland functions are impacted or degraded	Wetland is less than 0.5 acres
	Primary water source is precipitation	Wetland buffer is between 10% and 40%
	Water flow is permanently restricted	Potentially sensitive to future impacts
Result:	**Wetland site is not appropriate for educational use**	
Rationale:	No access allowed to wetland	No access point to wetland exists
	No visible hazards to public	Wetland is not limited mobility accessible
	No access or observation of other habitats	
Result:	**Wetland is not appropriate or does not provide rec. opportunities**	
Rationale:	No access point to wetland exists	Wetland provides habitat for some wildlife
	No boat launching can be developed	No fishing is allowed
	No trails or viewing areas exist	No hunting is allowed
Result:	**Wetland is considered to be moderately pleasing**	
Rationale:	Two Cowardin classes visible	Wetland surrounded by landscaped areas
	25 - 50% of wetland can be seen	Natural odors present at wetland
	Visual detractors present, can't be removed	Some traffic and natural noises are present

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	Bandon Local Wetland Inventory	**Wetland:**	**FER-6**
Project Location:	Coos County	**Wetland Type(s):**	PEM, PSS
Date(s) of field work:	4/1/02	**Approx. Area (acres):**	0.94
Onsite Assessment?:	Partial	**Investigator(s):**	PF, JVS
Wetland Location:	East of Rosa Road and north of Astor Lane		

Function and Condition Assessment Answers:

Wildlife Habitat		Fish Habitat		Water Quality		Hydrologic Control		Sensitivity to Impact	
Q	A	Q	A	Q	A	Q	A	Q	A
Q-1	A	Q-1		Q-1	B	Q-1	B	Q-1	B
Q-2	A	Q-2		Q-2	B	Q-2	B	Q-2	B
Q-3	C	Q-3		Q-3	B	Q-3	C	Q-3	C
Q-4	C	Q-4		Q-4	B	Q-4	C	Q-4	A
Q-5	A	Q-5		Q-5	A	Q-5	A	Q-5	A
Q-6	A	Q-6		Q-6	C	Q-6	A	Q-6	A
Q-7	A					Q-7	A		
Q-8	C								
Q-9A									
Q-9B	B								

Results:

Wildlife Habitat	Wetland provides habitat for some wildlife species
Fish Habitat	Fish habitat was not assessed for this wetland
Water Quality	Wetland's water-quality function is impacted or degraded
Hydrologic Control	Wetland's hydrologic control is impacted or degraded
Sensitivity to Impact	Wetland is potentially sensitive to future impacts

Function and Condition Assessment Answers:

Enhancement Potential		Education		Recreation		Aesthetic Quality	
Q	A	Q	A	Q	A	Q	A
Q-1	A	Q-1	C	Q-1	C	Q-1	B
Q-2	C	Q-2	A	Q-2	C	Q-2	C
Q-3		Q-3	B	Q-3	C	Q-3	C
Q-4	C	Q-4	C	Q-4	B	Q-4	B
Q-5B	B	Q-5	C	Q-5	B	Q-5	A
Q-6	B	Q-6	B	Q-6	B	Q-6	A

Results:

Enhancement Potential	Wetland has moderate potential for enhancement
Education	Wetland site is not appropriate for educational use
Recreation	Wetland is not appropriate or does not provide rec. opportunities
Aesthetic Quality	Wetland is not aesthetically pleasing

Oregon Freshwater Wetland Assessment Methodology
Functions and Conditions Summary Sheet

Project:	Bandon Local Wetland Inventory	**Wetland:**	**FER-6**
Location:	Coos County	**Approx. Area (acres):**	0.94
Date:	4/1/02	**Wetland Types(s):**	PEM, PSS

Result:	**Wetland provides habitat for some wildlife species**	
Rationale:	More than one Cowardin class	No adjacent Water Quality limited streams
	Dominated by woody vegetation	Adjacent land is mostly developed
	Less than 0.5 acres of open water	Wetland buffer is between 10% and 40%
Result:	**Fish habitat was not assessed for this wetland**	
Rationale:		
Result:	**Wetland's water-quality function is impacted or degraded**	
Rationale:	Primary water source is precipitation	Surface water connection to other wetlands
	Can't determine if wetland floods or ponds	Adjacent land is mostly developed
	Moderate vegetation cover	No adjacent Water Quality Limited streams
Result:	**Wetland's hydrologic control is impacted or degraded**	
Rationale:	Wetland is not within 100 year floodplain	Dominated by woody vegetation
	Can't determine if wetland floods or ponds	Development downslope of wetland
	Water has unrestricted flow out of wetland	Development upslope of wetland
Result:	**Wetland is potentially sensitive to future impacts**	
Rationale:	Stream not modified	Adjacent land is mostly developed
	Water not taken out	Adjacent zoning is primarily development
	No adjacent Water Quality Limited streams	Dominated by woody vegetation
Result:	**Wetland has moderate potential for enhancement**	
Rationale:	Wetland functions are impacted or degraded	Wetland is less than 0.5 acres
	Primary water source is precipitation	Wetland buffer is between 10% and 40%
	Water flow is permanently restricted	Potentially sensitive to future impacts
Result:	**Wetland site is not appropriate for educational use**	
Rationale:	No access allowed to wetland	No access point to wetland exists
	No visible hazards to public	Wetland is not limited mobility accessible
	No access or observation of other habitats	
Result:	**Wetland is not appropriate or does not provide rec. opportunities**	
Rationale:	No access point to wetland exists	Wetland provides habitat for some wildlife
	No boat launching can be developed	No fishing is allowed
	No trails or viewing areas exist	No hunting is allowed
Result:	**Wetland is not aesthetically pleasing**	
Rationale:	Two Cowardin classes visible	Wetland surrounded by landscaped areas
	Less than 25% of wetland can be seen	Natural odors present at wetland
	Visual detractors present, can't be removed	Some traffic and natural noises are present

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	Bandon Local Wetland Inventory	**Wetland:**	**FER-7**
Project Location:	Coos County	**Wetland Type(s):**	PEM

Date(s) of field work:	OFF-SITE	**Approx. Area (acres):**	1.91
Onsite Assessment?:	NO	**Investigator(s):**	PF, JVS
Wetland Location:	East of Rosa Road and south of Astor Lane		

Function and Condition Assessment Answers:

Wildlife Habitat		Fish Habitat		Water Quality		Hydrologic Control		Sensitivity to Impact	
Q	A	Q	A	Q	A	Q	A	Q	A
Q-1	C	Q-1		Q-1	B	Q-1	B	Q-1	A
Q-2	C	Q-2		Q-2	A	Q-2	A	Q-2	A
Q-3	B	Q-3		Q-3	C	Q-3	B	Q-3	C
Q-4	C	Q-4		Q-4	B	Q-4	C	Q-4	A
Q-5	B	Q-5		Q-5	A	Q-5	C	Q-5	A
Q-6	B	Q-6		Q-6	C	Q-6	A	Q-6	C
Q-7	A					Q-7	B		
Q-8	C								
Q-9A									
Q-9B	C								

Results:

Wildlife Habitat	Wetland provides habitat for some wildlife species
Fish Habitat	Fish habitat was not assessed for this wetland
Water Quality	Wetland's water-quality function is impacted or degraded
Hydrologic Control	Wetland's hydrologic control is impacted or degraded
Sensitivity to Impact	Wetland is potentially sensitive to future impacts

Function and Condition Assessment Answers:

Enhancement Potential		Education		Recreation		Aesthetic Quality	
Q	A	Q	A	Q	A	Q	A
Q-1	A	Q-1	C	Q-1	C	Q-1	C
Q-2	C	Q-2	A	Q-2	C	Q-2	A
Q-3		Q-3	B	Q-3	C	Q-3	C
Q-4	B	Q-4	C	Q-4	B	Q-4	B
Q-5B	C	Q-5	C	Q-5	B	Q-5	A
Q-6	B	Q-6	B	Q-6	B	Q-6	A

Results:

Enhancement Potential	Wetland has moderate potential for enhancement
Education	Wetland site is not appropriate for educational use
Recreation	Wetland is not appropriate or does not provide rec. opportunities
Aesthetic Quality	Wetland is not aesthetically pleasing

Oregon Freshwater Wetland Assessment Methodology
Functions and Conditions Summary Sheet

Project:	Bandon Local Wetland Inventory	**Wetland:**	**FER-7**
Location:	Coos County	**Approx. Area (acres):**	1.91
Date:	OFF-SITE	**Wetland Types(s):**	PEM

Result:	**Wetland provides habitat for some wildlife species**	
Rationale:	One Class with less than 5 species	No adjacent Water Quality limited streams
	Herbaceous vegetation, no ponding	Adjacent land is mostly developed
	Less than 0.5 acres of open water	Wetland buffer is less than 10%
Result:	**Fish habitat was not assessed for this wetland**	
Rationale:		
Result:	**Wetland's water-quality function is impacted or degraded**	
Rationale:	Primary water source is precipitation	Surface water connection to other wetlands
	Wetland floods/ponds in growing season	Adjacent land is mostly developed
	Low vegetation cover	No adjacent Water Quality Limited streams
Result:	**Wetland's hydrologic control is impacted or degraded**	
Rationale:	Wetland is not within 100 year floodplain	Herbaceous vegetation, no ponding
	Wetland floods/ponds in growing season	Development downslope of wetland
	Water has unrestricted flow out of wetland	Agriculture upslope of wetland
Result:	**Wetland is potentially sensitive to future impacts**	
Rationale:	Stream modified or isolated wetland	Adjacent land is mostly developed
	Water is taken out or isolated wetland	Adjacent zoning is primarily development
	No adjacent Water Quality Limited streams	Herbaceous vegetation, no ponding
Result:	**Wetland has moderate potential for enhancement**	
Rationale:	Wetland functions are impacted or degraded	Wetland is between 0.5 and 5 acres
	Primary water source is precipitation	Wetland buffer is less than 10%
	Water flow is permanently restricted	Potentially sensitive to future impacts
Result:	**Wetland site is not appropriate for educational use**	
Rationale:	No access allowed to wetland	No access point to wetland exists
	No visible hazards to public	Wetland is not limited mobility accessible
	No access or observation of other habitats	
Result:	**Wetland is not appropriate or does not provide rec. opportunities**	
Rationale:	No access point to wetland exists	Wetland provides habitat for some wildlife
	No boat launching can be developed	No fishing is allowed
	No trails or viewing areas exist	No hunting is allowed
Result:	**Wetland is not aesthetically pleasing**	
Rationale:	One Cowardin class is visible	Wetland surrounded by landscaped areas
	>50% of wetland can be seen	Natural odors present at wetland
	Visual detractors present, can't be removed	Some traffic and natural noises are present

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	Bandon Local Wetland Inventory	**Wetland:**	**FER-8**
Project Location:	Coos County	**Wetland Type(s):**	PSS, PEM

Date(s) of field work:	OFF-SITE	**Approx. Area (acres):**	0.71
Onsite Assessment?:	NO	**Investigator(s):**	PF, JVS
Wetland Location:	West of Rosa Road and north of Auction Barn Road		

Function and Condition Assessment Answers:

Wildlife Habitat		Fish Habitat		Water Quality		Hydrologic Control		Sensitivity to Impact	
Q	A	Q	A	Q	A	Q	A	Q	A
Q-1	A	Q-1		Q-1	B	Q-1	B	Q-1	A
Q-2	C	Q-2		Q-2	B	Q-2	B	Q-2	A
Q-3	C	Q-3		Q-3	B	Q-3	C	Q-3	C
Q-4	C	Q-4		Q-4	C	Q-4	C	Q-4	A
Q-5	B	Q-5		Q-5	A	Q-5	C	Q-5	A
Q-6	B	Q-6		Q-6	C	Q-6	A	Q-6	C
Q-7	A					Q-7	A		
Q-8	C								
Q-9A									
Q-9B	C								

Results:

Wildlife Habitat	Wetland provides habitat for some wildlife species
Fish Habitat	Fish habitat was not assessed for this wetland
Water Quality	Wetland's water-quality function is impacted or degraded
Hydrologic Control	Wetland's hydrologic control is impacted or degraded
Sensitivity to Impact	Wetland is potentially sensitive to future impacts

Function and Condition Assessment Answers:

Enhancement Potential		Education		Recreation		Aesthetic Quality	
Q	A	Q	A	Q	A	Q	A
Q-1	A	Q-1	C	Q-1	C	Q-1	B
Q-2	C	Q-2	B	Q-2	C	Q-2	A
Q-3		Q-3	B	Q-3	C	Q-3	C
Q-4	C	Q-4	C	Q-4	B	Q-4	B
Q-5B	C	Q-5	C	Q-5	B	Q-5	A
Q-6	B	Q-6	B	Q-6	B	Q-6	A

Results:

Enhancement Potential	Wetland has moderate potential for enhancement
Education	Wetland site is not appropriate for educational use
Recreation	Wetland is not appropriate or does not provide rec. opportunities
Aesthetic Quality	Wetland is considered to be moderately pleasing

Oregon Freshwater Wetland Assessment Methodology
Functions and Conditions Summary Sheet

Project:	Bandon Local Wetland Inventory	**Wetland:**	**FER-8**
Location:	Coos County	**Approx. Area (acres):**	0.71
Date:	OFF-SITE	**Wetland Types(s):**	PSS, PEM

Result:	**Wetland provides habitat for some wildlife species**	
Rationale:	More than one Cowardin class	No adjacent Water Quality limited streams
	Herbaceous vegetation, no ponding	Adjacent land is mostly developed
	Less than 0.5 acres of open water	Wetland buffer is less than 10%
Result:	**Fish habitat was not assessed for this wetland**	
Rationale:		
Result:	**Wetland's water-quality function is impacted or degraded**	
Rationale:	Primary water source is precipitation	Isolated from other wetlands
	Can't determine if wetland floods or ponds	Adjacent land is mostly developed
	Moderate vegetation cover	No adjacent Water Quality Limited streams
Result:	**Wetland's hydrologic control is impacted or degraded**	
Rationale:	Wetland is not within 100 year floodplain	Herbaceous vegetation, no ponding
	Can't determine if wetland floods or ponds	Development downslope of wetland
	Water has unrestricted flow out of wetland	Development upslope of wetland
Result:	**Wetland is potentially sensitive to future impacts**	
Rationale:	Stream modified or isolated wetland	Adjacent land is mostly developed
	Water is taken out or isolated wetland	Adjacent zoning is primarily development
	No adjacent Water Quality Limited streams	Herbaceous vegetation, no ponding
Result:	**Wetland has moderate potential for enhancement**	
Rationale:	Wetland functions are impacted or degraded	Wetland is less than 0.5 acres
	Primary water source is precipitation	Wetland buffer is less than 10%
	Water flow is permanently restricted	Potentially sensitive to future impacts
Result:	**Wetland site is not appropriate for educational use**	
Rationale:	No access allowed to wetland	No access point to wetland exists
	1 or 2 visible safety hazards	Wetland is not limited mobility accessible
	No access or observation of other habitats	
Result:	**Wetland is not appropriate or does not provide rec. opportunities**	
Rationale:	No access point to wetland exists	Wetland provides habitat for some wildlife
	No boat launching can be developed	No fishing is allowed
	No trails or viewing areas exist	No hunting is allowed
Result:	**Wetland is considered to be moderately pleasing**	
Rationale:	Two Cowardin classes visible	Wetland surrounded by landscaped areas
	>50% of wetland can be seen	Natural odors present at wetland
	Visual detractors present, can't be removed	Some traffic and natural noises are present

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	Bandon Local Wetland Inventory	**Wetland:**	**GRO-1**
Project Location:	Coos County	**Wetland Type(s):**	PSS, PEM

Date(s) of field work:	OFF-SITE	**Approx. Area (acres):**	1.36
Onsite Assessment?:	NO	**Investigator(s):**	FS/ME
Wetland Location:	South side of Jetty Road, east of Irvington Avenue		

Function and Condition Assessment Answers:

Wildlife Habitat		Fish Habitat		Water Quality		Hydrologic Control		Sensitivity to Impact	
Q	**A**	**Q**	**A**	**Q**	**A**	**Q**	**A**	**Q**	**A**
Q-1	**A**	Q-1		Q-1	**B**	Q-1	**A**	Q-1	**A**
Q-2	**A**	Q-2		Q-2	**B**	Q-2	**B**	Q-2	**B**
Q-3	**C**	Q-3		Q-3	**A**	Q-3	**C**	Q-3	**C**
Q-4	**C**	Q-4		Q-4	**B**	Q-4	**A**	Q-4	**C**
Q-5	**A**	Q-5		Q-5	**C**	Q-5	**A**	Q-5	**A**
Q-6	**A**	Q-6		Q-6	**C**	Q-6	**A**	Q-6	**A**
Q-7	**A**					Q-7	**A**		
Q-8	**A**								
Q-9A									
Q-9B	**B**								

Results:

Wildlife Habitat	Wetland provides habitat for some wildlife species
Fish Habitat	Fish habitat was not assessed for this wetland
Water Quality	Wetland's water-quality function is impacted or degraded
Hydrologic Control	Wetland's hydrologic control function is intact
Sensitivity to Impact	Wetland is potentially sensitive to future impacts

Function and Condition Assessment Answers:

Enhancement Potential		Education		Recreation		Aesthetic Quality	
Q	**A**	**Q**	**A**	**Q**	**A**	**Q**	**A**
Q-1	**A**	Q-1	**A**	Q-1	**B**	Q-1	**B**
Q-2	**C**	Q-2	**A**	Q-2	**C**	Q-2	**A**
Q-3		Q-3	**B**	Q-3	**A**	Q-3	**C**
Q-4	**C**	Q-4	**A**	Q-4	**B**	Q-4	**B**
Q-5B	**B**	Q-5	**B**	Q-5	**B**	Q-5	**A**
Q-6	**B**	Q-6	**B**	Q-6	**B**	Q-6	**A**

Results:

Enhancement Potential	Wetland has moderate potential for enhancement
Education	Wetland has educational uses
Recreation	Wetland has the potential to provide recreational activities
Aesthetic Quality	Wetland is considered to be moderately pleasing

Oregon Freshwater Wetland Assessment Methodology
Functions and Conditions Summary Sheet

Project:	Bandon Local Wetland Inventory	**Wetland:**	**GRO-1**
Location:	Coos County	**Approx. Area (acres):**	1.36
Date:	OFF-SITE	**Wetland Types(s):**	PSS, PEM

Result:	**Wetland provides habitat for some wildlife species**	
Rationale:	More than one Cowardin class	No adjacent Water Quality limited streams
	Dominated by woody vegetation	Adjacent land is primarily open space
	Less than 0.5 acres of open water	Wetland buffer is between 10% and 40%
Result:	**Fish habitat was not assessed for this wetland**	
Rationale:		
Result:	**Wetland's water-quality function is impacted or degraded**	
Rationale:	Primary water source is precipitation	Surface water connection to other wetlands
	Can't determine if wetland floods or ponds	Adjacent land is primarily open space
	High wetland vegetation cover	No adjacent Water Quality Limited streams
Result:	**Wetland's hydrologic control function is intact**	
Rationale:	Wetland is within 100 year floodplain	Dominated by woody vegetation
	Can't determine if wetland floods or ponds	Development downslope of wetland
	Flow out of wetland is restricted	Development upslope of wetland
Result:	**Wetland is potentially sensitive to future impacts**	
Rationale:	Stream modified or isolated wetland	Adjacent land is primarily open space
	Water not taken out	Adjacent zoning is primarily development
	No adjacent Water Quality Limited streams	Dominated by woody vegetation
Result:	**Wetland has moderate potential for enhancement**	
Rationale:	Wetland functions are impacted or degraded	Wetland is less than 0.5 acres
	Primary water source is precipitation	Wetland buffer is between 10% and 40%
	Water flow is permanently restricted	Potentially sensitive to future impacts
Result:	**Wetland has educational uses**	
Rationale:	Wetland is open to the public	Unmaintained public access within 250 feet
	No visible hazards to public	Wetland is not limited mobility accessible
	Public access to other habitats exist	
Result:	**Wetland has the potential to provide recreational activities**	
Rationale:	Unmaintained public access within 250 feet	Wetland provides habitat for some wildlife
	No boat launching can be developed	No fishing is allowed
	Maintained trails, viewing areas exist	No hunting is allowed
Result:	**Wetland is considered to be moderately pleasing**	
Rationale:	Two Cowardin classes visible	Wetland surrounded by landscaped areas
	>50% of wetland can be seen	Natural odors present at wetland
	Visual detractors present, can't be removed	Some traffic and natural noises are present

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	Bandon Local Wetland Inventory	**Wetland:**	**GRO-2**
Project Location:	Coos County	**Wetland Type(s):**	PFO, PSS, PEM

Date(s) of field work:	OFF-SITE	**Approx. Area (acres):**	0.35
Onsite Assessment?:	NO	**Investigator(s):**	FS/ME
Wetland Location:	Between Edison and Franklin Ave., N of 4th St. and S of Jetty Rd.		

Function and Condition Assessment Answers:

Wildlife Habitat		Fish Habitat		Water Quality		Hydrologic Control		Sensitivity to Impact	
Q	A	Q	A	Q	A	Q	A	Q	A
Q-1	A	Q-1		Q-1	B	Q-1	B	Q-1	A
Q-2	A	Q-2		Q-2	A	Q-2	A	Q-2	B
Q-3	B	Q-3		Q-3	A	Q-3	C	Q-3	C
Q-4	C	Q-4		Q-4	B	Q-4	A	Q-4	A
Q-5	A	Q-5		Q-5	A	Q-5	A	Q-5	A
Q-6	A	Q-6		Q-6	C	Q-6	A	Q-6	A
Q-7	A					Q-7	A		
Q-8	C								
Q-9A									
Q-9B	A								

Results:

Wildlife Habitat	Wetland provides habitat for some wildlife species
Fish Habitat	Fish habitat was not assessed for this wetland
Water Quality	Wetland's water-quality function is intact
Hydrologic Control	Wetland's hydrologic control function is intact
Sensitivity to Impact	Wetland is potentially sensitive to future impacts

Function and Condition Assessment Answers:

Enhancement Potential		Education		Recreation		Aesthetic Quality	
Q	A	Q	A	Q	A	Q	A
Q-1	A	Q-1	C	Q-1	A	Q-1	A
Q-2	C	Q-2	A	Q-2	C	Q-2	A
Q-3		Q-3	B	Q-3	A	Q-3	C
Q-4	C	Q-4	A	Q-4	B	Q-4	C
Q-5B	A	Q-5	A	Q-5	B	Q-5	A
Q-6	B	Q-6	A	Q-6	B	Q-6	B

Results:

Enhancement Potential	Wetland has moderate potential for enhancement
Education	Wetland site is not appropriate for educational use
Recreation	Wetland provides recreational opportunities
Aesthetic Quality	Wetland is not aesthetically pleasing

Oregon Freshwater Wetland Assessment Methodology
Functions and Conditions Summary Sheet

Project:	Bandon Local Wetland Inventory	**Wetland:**	**GRO-2**
Location:	Coos County	**Approx. Area (acres):**	0.35
Date:	OFF-SITE	**Wetland Types(s):**	PFO, PSS, PEM

Result:	**Wetland provides habitat for some wildlife species**	
Rationale:	More than one Cowardin class	No adjacent Water Quality limited streams
	Dominated by woody vegetation	Adjacent land is mostly developed
	Less than 0.5 acres of open water	Wetland buffer is greater than 40%
Result:	**Fish habitat was not assessed for this wetland**	
Rationale:		
Result:	**Wetland's water-quality function is intact**	
Rationale:	Primary water source is precipitation	Surface water connection to other wetlands
	Wetland floods/ponds in growing season	Adjacent land is mostly developed
	High wetland vegetation cover	No adjacent Water Quality Limited streams
Result:	**Wetland's hydrologic control function is intact**	
Rationale:	Wetland is not within 100 year floodplain	Dominated by woody vegetation
	Wetland floods/ponds in growing season	Development downslope of wetland
	Flow out of wetland is restricted	Development upslope of wetland
Result:	**Wetland is potentially sensitive to future impacts**	
Rationale:	Stream modified or isolated wetland	Adjacent land is mostly developed
	Water not taken out	Adjacent zoning is primarily development
	No adjacent Water Quality Limited streams	Dominated by woody vegetation
Result:	**Wetland has moderate potential for enhancement**	
Rationale:	Wetland functions are impacted or degraded	Wetland is less than 0.5 acres
	Primary water source is precipitation	Wetland buffer is greater than 40%
	Water flow is permanently restricted	Potentially sensitive to future impacts
Result:	**Wetland site is not appropriate for educational use**	
Rationale:	No access allowed to wetland	Maintained public access within 250 feet
	No visible hazards to public	Wetland is limited mobility accessible
	Public access to other habitats exist	
Result:	**Wetland provides recreational opportunities**	
Rationale:	Maintained public access within 250 feet	Wetland provides habitat for some wildlife
	No boat launching can be developed	No fishing is allowed
	Maintained trails, viewing areas exist	No hunting is allowed
Result:	**Wetland is not aesthetically pleasing**	
Rationale:	More than two Cowardin classes are visible	Wetland surrounded by development
	>50% of wetland can be seen	Natural odors present at wetland
	Visual detractors present, can't be removed	Continuous traffic and natural noises occur

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	Bandon Local Wetland Inventory	**Wetland:**	**GRO-3**
Project Location:	Coos County	**Wetland Type(s):**	PFO, PSS, PEM

Date(s) of field work:	2/13/02; 4/18/02; 9/24/02	**Approx. Area (acres):**	10.96
Onsite Assessment?:	YES	**Investigator(s):**	SE/FS/ME
Wetland Location:	Gross Creek - north from 20th Street W to Edison Avenue.		

Function and Condition Assessment Answers:

Wildlife Habitat		Fish Habitat		Water Quality		Hydrologic Control		Sensitivity to Impact	
Q	A	Q	A	Q	A	Q	A	Q	A
Q-1	A	Q-1	B	Q-1	A	Q-1	B	Q-1	A
Q-2	A	Q-2	B	Q-2	A	Q-2	A	Q-2	B
Q-3	B	Q-3	B	Q-3	A	Q-3	A	Q-3	C
Q-4	C	Q-4	A	Q-4	A	Q-4	C	Q-4	A
Q-5	A	Q-5	C	Q-5	A	Q-5	A	Q-5	A
Q-6	A	Q-6	B	Q-6	C	Q-6	A	Q-6	A
Q-7	A					Q-7	A		
Q-8	C								
Q-9A									
Q-9B	B								

Results:

Wildlife Habitat	Wetland provides habitat for some wildlife species
Fish Habitat	Wetland's fish habitat function is impacted or degraded
Water Quality	Wetland's water-quality function is intact
Hydrologic Control	Wetland's hydrologic control function is intact
Sensitivity to Impact	Wetland is potentially sensitive to future impacts

Function and Condition Assessment Answers:

Enhancement Potential		Education		Recreation		Aesthetic Quality	
Q	A	Q	A	Q	A	Q	A
Q-1	A	Q-1	C	Q-1	A	Q-1	A
Q-2	A	Q-2	A	Q-2	C	Q-2	C
Q-3	C	Q-3	B	Q-3	C	Q-3	A
Q-4	A	Q-4	A	Q-4	B	Q-4	B
Q-5B	B	Q-5	A	Q-5	B	Q-5	A
Q-6	B	Q-6	A	Q-6	B	Q-6	A

Results:

Enhancement Potential	Wetland has high enhancement potential
Education	Wetland site is not appropriate for educational use
Recreation	Wetland has the potential to provide recreational activities
Aesthetic Quality	Wetland is considered to be pleasing

Oregon Freshwater Wetland Assessment Methodology
Functions and Conditions Summary Sheet

Project:	Bandon Local Wetland Inventory	**Wetland:**	**GRO-3**
Location:	Coos County	**Approx. Area (acres):**	10.96
Date:	2/13/02; 4/18/02; 9/24/02	**Wetland Types(s):**	PFO, PSS, PEM

Result:	**Wetland provides habitat for some wildlife species**	
Rationale:	More than one Cowardin class	No adjacent Water Quality limited streams
	Dominated by woody vegetation	Adjacent land is mostly developed
	Less than 0.5 acres of open water	Wetland buffer is between 10% and 40%
Result:	**Wetland's fish habitat function is impacted or degraded**	
Rationale:	25-50% of stream is shaded	No adjacent Water Quality Limited streams
	Only portions of stream are modified	Adjacent land is mostly developed
	10-25% of stream has instream structures	Warmwater fish present in stream
Result:	**Wetland's water-quality function is intact**	
Rationale:	Primary water source is surface flow	Wetland is more than 5 acres in size
	Wetland floods/ponds in growing season	Adjacent land is mostly developed
	High wetland vegetation cover	No adjacent Water Quality Limited streams
Result:	**Wetland's hydrologic control function is intact**	
Rationale:	Wetland is not within 100 year floodplain	Dominated by woody vegetation
	Wetland floods/ponds in growing season	Development downslope of wetland
	Water has unrestricted flow out of wetland	Development upslope of wetland
Result:	**Wetland is potentially sensitive to future impacts**	
Rationale:	Stream modified or isolated wetland	Adjacent land is mostly developed
	Water not taken out	Adjacent zoning is primarily development
	No adjacent Water Quality Limited streams	Dominated by woody vegetation
Result:	**Wetland has high enhancement potential**	
Rationale:	Wetland functions are impacted or degraded	Wetland is greater than 5 acres
	Primary water source is surface flow	Wetland buffer is between 10% and 40%
	Water flow is permanently restricted	Potentially sensitive to future impacts
Result:	**Wetland site is not appropriate for educational use**	
Rationale:	No access allowed to wetland	Maintained public access within 250 feet
	No visible hazards to public	Wetland is limited mobility accessible
	Public access to other habitats exist	
Result:	**Wetland has the potential to provide recreational activities**	
Rationale:	Maintained public access within 250 feet	Wetland provides habitat for some wildlife
	No boat launching can be developed	No fishing is allowed
	No trails or viewing areas exist	No hunting is allowed
Result:	**Wetland is considered to be pleasing**	
Rationale:	More than two Cowardin classes are visible	Wetland surrounded by landscaped areas
	Less than 25% of wetland can be seen	Natural odors present at wetland
	No visual detractors are present	Some traffic and natural noises are present

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	Bandon Local Wetland Inventory	**Wetland:**	**GRO-4**
Project Location:	Coos County	**Wetland Type(s):**	PFO

Date(s) of field work:	2/14/02	**Approx. Area (acres):**	1.05
Onsite Assessment?:	YES	**Investigator(s):**	SE/FS
Wetland Location:	North of 13th Street, south of High School ball fields.		

Function and Condition Assessment Answers:

Wildlife Habitat		Fish Habitat		Water Quality		Hydrologic Control		Sensitivity to Impact	
Q	A	Q	A	Q	A	Q	A	Q	A
Q-1	B	Q-1		Q-1	B	Q-1	B	Q-1	A
Q-2	A	Q-2		Q-2	A	Q-2	A	Q-2	B
Q-3	B	Q-3		Q-3	A	Q-3	B	Q-3	C
Q-4	C	Q-4		Q-4	B	Q-4	C	Q-4	A
Q-5	B	Q-5		Q-5	A	Q-5	A	Q-5	A
Q-6	B	Q-6		Q-6	C	Q-6	A	Q-6	A
Q-7	A					Q-7	A		
Q-8	C								
Q-9A									
Q-9B	A								

Results:

Wildlife Habitat	Wetland provides habitat for some wildlife species
Fish Habitat	Fish habitat was not assessed for this wetland
Water Quality	Wetland's water-quality function is intact
Hydrologic Control	Wetland's hydrologic control function is intact
Sensitivity to Impact	Wetland is potentially sensitive to future impacts

Function and Condition Assessment Answers:

Enhancement Potential		Education		Recreation		Aesthetic Quality	
Q	A	Q	A	Q	A	Q	A
Q-1	A	Q-1	C	Q-1	C	Q-1	C
Q-2	C	Q-2	A	Q-2	C	Q-2	B
Q-3		Q-3	B	Q-3	C	Q-3	A
Q-4	B	Q-4	B	Q-4	B	Q-4	B
Q-5B	A	Q-5	C	Q-5	B	Q-5	A
Q-6	B	Q-6	B	Q-6	B	Q-6	A

Results:

Enhancement Potential	Wetland has high enhancement potential
Education	Wetland site is not appropriate for educational use
Recreation	Wetland is not appropriate or does not provide rec. opportunities
Aesthetic Quality	Wetland is considered to be moderately pleasing

Oregon Freshwater Wetland Assessment Methodology
Functions and Conditions Summary Sheet

Project:	Bandon Local Wetland Inventory	**Wetland:**	**GRO-4**
Location:	Coos County	**Approx. Area (acres):**	1.05
Date:	2/14/02	**Wetland Types(s):**	PFO

Result:	**Wetland provides habitat for some wildlife species**	
Rationale:	One Cowardin class with > 5 species	No adjacent Water Quality limited streams
	Dominated by woody vegetation	Adjacent land is mostly developed
	Less than 0.5 acres of open water	Wetland buffer is greater than 40%
Result:	**Fish habitat was not assessed for this wetland**	
Rationale:		
Result:	**Wetland's water-quality function is intact**	
Rationale:	Primary water source is precipitation	Surface water connection to other wetlands
	Wetland floods/ponds in growing season	Adjacent land is mostly developed
	High wetland vegetation cover	No adjacent Water Quality Limited streams
Result:	**Wetland's hydrologic control function is intact**	
Rationale:	Wetland is not within 100 year floodplain	Dominated by woody vegetation
	Wetland floods/ponds in growing season	Development downslope of wetland
	Water has unrestricted flow out of wetland	Development upslope of wetland
Result:	**Wetland is potentially sensitive to future impacts**	
Rationale:	Stream modified or isolated wetland	Adjacent land is mostly developed
	Water not taken out	Adjacent zoning is primarily development
	No adjacent Water Quality Limited streams	Dominated by woody vegetation
Result:	**Wetland has high enhancement potential**	
Rationale:	Wetland functions are impacted or degraded	Wetland is between 0.5 and 5 acres
	Primary water source is precipitation	Wetland buffer is greater than 40%
	Water flow is permanently restricted	Potentially sensitive to future impacts
Result:	**Wetland site is not appropriate for educational use**	
Rationale:	No access allowed to wetland	No access point to wetland exists
	No visible hazards to public	Wetland is not limited mobility accessible
	Other habitats can be observed not accessed	
Result:	**Wetland is not appropriate or does not provide rec. opportunities**	
Rationale:	No access point to wetland exists	Wetland provides habitat for some wildlife
	No boat launching can be developed	No fishing is allowed
	No trails or viewing areas exist	No hunting is allowed
Result:	**Wetland is considered to be moderately pleasing**	
Rationale:	One Cowardin class is visible	Wetland surrounded by landscaped areas
	25 - 50% of wetland can be seen	Natural odors present at wetland
	No visual detractors are present	Some traffic and natural noises are present

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	Bandon Local Wetland Inventory	**Wetland:**	**GRO-5**
Project Location:	Coos County	**Wetland Type(s):**	PEM
Date(s) of field work:	1/16/02; 2/13/02	**Approx. Area (acres):**	0.46
Onsite Assessment?:	YES	**Investigator(s):**	SE/FS/PF/JVS
Wetland Location:	South of 13th Street, West of Franklin Street.		

Function and Condition Assessment Answers:

Wildlife Habitat		Fish Habitat		Water Quality		Hydrologic Control		Sensitivity to Impact	
Q	A	Q	A	Q	A	Q	A	Q	A
Q-1	C	Q-1		Q-1	B	Q-1	B	Q-1	A
Q-2	C	Q-2		Q-2	A	Q-2	A	Q-2	B
Q-3	C	Q-3		Q-3	C	Q-3	C	Q-3	C
Q-4	C	Q-4		Q-4	C	Q-4	C	Q-4	A
Q-5	B	Q-5		Q-5	A	Q-5	C	Q-5	A
Q-6	B	Q-6		Q-6	C	Q-6	A	Q-6	C
Q-7	A					Q-7	A		
Q-8	C								
Q-9A									
Q-9B	C								

Results:

Wildlife Habitat	Wetland provides habitat for some wildlife species
Fish Habitat	Fish habitat was not assessed for this wetland
Water Quality	Wetland's water-quality function is impacted or degraded
Hydrologic Control	Wetland's hydrologic control is impacted or degraded
Sensitivity to Impact	Wetland is potentially sensitive to future impacts

Function and Condition Assessment Answers:

Enhancement Potential		Education		Recreation		Aesthetic Quality	
Q	A	Q	A	Q	A	Q	A
Q-1	A	Q-1	C	Q-1	A	Q-1	C
Q-2	C	Q-2	A	Q-2	C	Q-2	A
Q-3		Q-3	B	Q-3	C	Q-3	C
Q-4	C	Q-4	C	Q-4	B	Q-4	C
Q-5B	C	Q-5	A	Q-5	B	Q-5	A
Q-6	B	Q-6	A	Q-6	B	Q-6	A

Results:

Enhancement Potential	Wetland has moderate potential for enhancement
Education	Wetland site is not appropriate for educational use
Recreation	Wetland has the potential to provide recreational activities
Aesthetic Quality	Wetland is not aesthetically pleasing

Oregon Freshwater Wetland Assessment Methodology
Functions and Conditions Summary Sheet

Project:	Bandon Local Wetland Inventory	**Wetland:**	**GRO-5**
Location:	Coos County	**Approx. Area (acres):**	0.46
Date:	1/16/02; 2/13/02	**Wetland Types(s):**	PEM

Result:	**Wetland provides habitat for some wildlife species**	
Rationale:	One Class with less than 5 species	No adjacent Water Quality limited streams
	Herbaceous vegetation, no ponding	Adjacent land is mostly developed
	Less than 0.5 acres of open water	Wetland buffer is less than 10%
Result:	**Fish habitat was not assessed for this wetland**	
Rationale:		
Result:	**Wetland's water-quality function is impacted or degraded**	
Rationale:	Primary water source is precipitation	Isolated from other wetlands
	Wetland floods/ponds in growing season	Adjacent land is mostly developed
	Low vegetation cover	No adjacent Water Quality Limited streams
Result:	**Wetland's hydrologic control is impacted or degraded**	
Rationale:	Wetland is not within 100 year floodplain	Herbaceous vegetation, no ponding
	Wetland floods/ponds in growing season	Development downslope of wetland
	Water has unrestricted flow out of wetland	Development upslope of wetland
Result:	**Wetland is potentially sensitive to future impacts**	
Rationale:	Stream modified or isolated wetland	Adjacent land is mostly developed
	Water not taken out	Adjacent zoning is primarily development
	No adjacent Water Quality Limited streams	Herbaceous vegetation, no ponding
Result:	**Wetland has moderate potential for enhancement**	
Rationale:	Wetland functions are impacted or degraded	Wetland is less than 0.5 acres
	Primary water source is precipitation	Wetland buffer is less than 10%
	Water flow is permanently restricted	Potentially sensitive to future impacts
Result:	**Wetland site is not appropriate for educational use**	
Rationale:	No access allowed to wetland	Maintained public access within 250 feet
	No visible hazards to public	Wetland is limited mobility accessible
	No access or observation of other habitats	
Result:	**Wetland has the potential to provide recreational activities**	
Rationale:	Maintained public access within 250 feet	Wetland provides habitat for some wildlife
	No boat launching can be developed	No fishing is allowed
	No trails or viewing areas exist	No hunting is allowed
Result:	**Wetland is not aesthetically pleasing**	
Rationale:	One Cowardin class is visible	Wetland surrounded by development
	>50% of wetland can be seen	Natural odors present at wetland
	Visual detractors present, can't be removed	Some traffic and natural noises are present

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	Bandon Local Wetland Inventory	**Wetland:**	**GRO-6**
Project Location:	Coos County	**Wetland Type(s):**	PFO, PSS, PEM

Date(s) of field work:	9/24/02; 10/2/02	**Approx. Area (acres):**	0.55
Onsite Assessment?:	YES	**Investigator(s):**	SE/ME/JVS
Wetland Location:	South and east of Hwy 101 from 10th Street W, north to Hwy 101.		

Function and Condition Assessment Answers:

Wildlife Habitat		Fish Habitat		Water Quality		Hydrologic Control		Sensitivity to Impact	
Q	**A**	**Q**	**A**	**Q**	**A**	**Q**	**A**	**Q**	**A**
Q-1	**A**	Q-1	**A**	Q-1	**A**	Q-1	**B**	Q-1	**A**
Q-2	**A**	Q-2	**A**	Q-2	**A**	Q-2	**A**	Q-2	**B**
Q-3	**B**	Q-3	**C**	Q-3	**A**	Q-3	**B**	Q-3	**C**
Q-4	**C**	Q-4	**A**	Q-4	**B**	Q-4	**C**	Q-4	**A**
Q-5	**A**	Q-5	**C**	Q-5	**A**	Q-5	**A**	Q-5	**A**
Q-6	**A**	Q-6	**B**	Q-6	**C**	Q-6	**A**	Q-6	**A**
Q-7	**A**					Q-7	**A**		
Q-8	**C**								
Q-9A									
Q-9B	**A**								

Results:

Wildlife Habitat	Wetland provides habitat for some wildlife species
Fish Habitat	Wetland's fish habitat function is impacted or degraded
Water Quality	Wetland's water-quality function is intact
Hydrologic Control	Wetland's hydrologic control function is intact
Sensitivity to Impact	Wetland is potentially sensitive to future impacts

Function and Condition Assessment Answers:

Enhancement Potential		Education		Recreation		Aesthetic Quality	
Q	**A**	**Q**	**A**	**Q**	**A**	**Q**	**A**
Q-1	**A**	Q-1	**B**	Q-1	**A**	Q-1	**A**
Q-2	**A**	Q-2	**A**	Q-2	**C**	Q-2	**B**
Q-3	**A**	Q-3	**B**	Q-3	**C**	Q-3	**A**
Q-4	**B**	Q-4	**A**	Q-4	**B**	Q-4	**A**
Q-5B	**A**	Q-5	**A**	Q-5	**B**	Q-5	**A**
Q-6	**B**	Q-6	**A**	Q-6	**B**	Q-6	**B**

Results:

Enhancement Potential	Wetland has high enhancement potential
Education	Wetland has potential for educational use
Recreation	Wetland has the potential to provide recreational activities
Aesthetic Quality	Wetland is considered to be pleasing

Oregon Freshwater Wetland Assessment Methodology
Functions and Conditions Summary Sheet

Project:	Bandon Local Wetland Inventory	**Wetland:**	**GRO-6**
Location:	Coos County	**Approx. Area (acres):**	0.55
Date:	9/24/02; 10/2/02	**Wetland Types(s):**	PFO, PSS, PEM

Result:	**Wetland provides habitat for some wildlife species**	
Rationale:	More than one Cowardin class	No adjacent Water Quality limited streams
	Dominated by woody vegetation	Adjacent land is mostly developed
	Less than 0.5 acres of open water	Wetland buffer is greater than 40%
Result:	**Wetland's fish habitat function is impacted or degraded**	
Rationale:	50% or more of stream is shaded	No adjacent Water Quality Limited streams
	Stream is in a natural channel	Adjacent land is mostly developed
	<10% of stream has instream structures	Warmwater fish present in stream
Result:	**Wetland's water-quality function is intact**	
Rationale:	Primary water source is surface flow	Surface water connection to other wetlands
	Wetland floods/ponds in growing season	Adjacent land is mostly developed
	High wetland vegetation cover	No adjacent Water Quality Limited streams
Result:	**Wetland's hydrologic control function is intact**	
Rationale:	Wetland is not within 100 year floodplain	Dominated by woody vegetation
	Wetland floods/ponds in growing season	Development downslope of wetland
	Water has unrestricted flow out of wetland	Development upslope of wetland
Result:	**Wetland is potentially sensitive to future impacts**	
Rationale:	Stream modified or isolated wetland	Adjacent land is mostly developed
	Water not taken out	Adjacent zoning is primarily development
	No adjacent Water Quality Limited streams	Dominated by woody vegetation
Result:	**Wetland has high enhancement potential**	
Rationale:	Wetland functions are impacted or degraded	Wetland is between 0.5 and 5 acres
	Primary water source is surface flow	Wetland buffer is greater than 40%
	Flow into wetland is not restricted	Potentially sensitive to future impacts
Result:	**Wetland has potential for educational use**	
Rationale:	Wetland access by landowner permission	Maintained public access within 250 feet
	No visible hazards to public	Wetland is limited mobility accessible
	Public access to other habitats exist	
Result:	**Wetland has the potential to provide recreational activities**	
Rationale:	Maintained public access within 250 feet	Wetland provides habitat for some wildlife
	No boat launching can be developed	No fishing is allowed
	No trails or viewing areas exist	No hunting is allowed
Result:	**Wetland is considered to be pleasing**	
Rationale:	More than two Cowardin classes are visible	Wetland surrounded by natural areas
	25 - 50% of wetland can be seen	Natural odors present at wetland
	No visual detractors are present	Continuous traffic and natural noises occur

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	Bandon Local Wetland Inventory	**Wetland:**	**GRO-7**
Project Location:	Coos County	**Wetland Type(s):**	PSS, PEM

Date(s) of field work:	OFF-SITE	**Approx. Area (acres):**	1.11
Onsite Assessment?:	NO	**Investigator(s):**	SE/ME
Wetland Location:	East of Highway 101 north of 17th Street W.		

Function and Condition Assessment Answers:

Wildlife Habitat		Fish Habitat		Water Quality		Hydrologic Control		Sensitivity to Impact	
Q	**A**	**Q**	**A**	**Q**	**A**	**Q**	**A**	**Q**	**A**
Q-1	**A**	Q-1	**B**	Q-1	**A**	Q-1	**B**	Q-1	**A**
Q-2	**A**	Q-2	**C**	Q-2	**B**	Q-2	**B**	Q-2	**B**
Q-3	**C**	Q-3	**C**	Q-3	**A**	Q-3	**B**	Q-3	**C**
Q-4	**C**	Q-4	**A**	Q-4	**B**	Q-4	**C**	Q-4	**A**
Q-5	**A**	Q-5	**C**	Q-5	**A**	Q-5	**A**	Q-5	**A**
Q-6	**A**	Q-6	**B**	Q-6	**C**	Q-6	**A**	Q-6	**A**
Q-7	**A**					Q-7	**A**		
Q-8	**C**								
Q-9A									
Q-9B	**B**								

Results:

Wildlife Habitat	Wetland provides habitat for some wildlife species
Fish Habitat	Wetland's fish habitat function is impacted or degraded
Water Quality	Wetland's water-quality function is impacted or degraded
Hydrologic Control	Wetland's hydrologic control is impacted or degraded
Sensitivity to Impact	Wetland is potentially sensitive to future impacts

Function and Condition Assessment Answers:

Enhancement Potential		Education		Recreation		Aesthetic Quality	
Q	**A**	**Q**	**A**	**Q**	**A**	**Q**	**A**
Q-1	**A**	Q-1	**C**	Q-1	**C**	Q-1	**B**
Q-2	**A**	Q-2	**A**	Q-2	**C**	Q-2	**B**
Q-3	**A**	Q-3	**B**	Q-3	**C**	Q-3	**C**
Q-4	**B**	Q-4	**C**	Q-4	**B**	Q-4	**C**
Q-5B	**B**	Q-5	**C**	Q-5	**B**	Q-5	**A**
Q-6	**B**	Q-6	**B**	Q-6	**B**	Q-6	**B**

Results:

Enhancement Potential	Wetland has high enhancement potential
Education	Wetland site is not appropriate for educational use
Recreation	Wetland is not appropriate or does not provide rec. opportunities
Aesthetic Quality	Wetland is not aesthetically pleasing

Oregon Freshwater Wetland Assessment Methodology
Functions and Conditions Summary Sheet

Project:	Bandon Local Wetland Inventory	**Wetland:**	**GRO-7**
Location:	Coos County	**Approx. Area (acres):**	1.11
Date:	OFF-SITE	**Wetland Types(s):**	PSS, PEM

Result:	**Wetland provides habitat for some wildlife species**	
Rationale:	More than one Cowardin class	No adjacent Water Quality limited streams
	Dominated by woody vegetation	Adjacent land is mostly developed
	Less than 0.5 acres of open water	Wetland buffer is between 10% and 40%
Result:	**Wetland's fish habitat function is impacted or degraded**	
Rationale:	25-50% of stream is shaded	No adjacent Water Quality Limited streams
	Stream banks are extensively modified	Adjacent land is mostly developed
	<10% of stream has instream structures	Warmwater fish present in stream
Result:	**Wetland's water-quality function is impacted or degraded**	
Rationale:	Primary water source is surface flow	Surface water connection to other wetlands
	Can't determine if wetland floods or ponds	Adjacent land is mostly developed
	High wetland vegetation cover	No adjacent Water Quality Limited streams
Result:	**Wetland's hydrologic control is impacted or degraded**	
Rationale:	Wetland is not within 100 year floodplain	Dominated by woody vegetation
	Can't determine if wetland floods or ponds	Development downslope of wetland
	Water has unrestricted flow out of wetland	Development upslope of wetland
Result:	**Wetland is potentially sensitive to future impacts**	
Rationale:	Stream modified or isolated wetland	Adjacent land is mostly developed
	Water not taken out	Adjacent zoning is primarily development
	No adjacent Water Quality Limited streams	Dominated by woody vegetation
Result:	**Wetland has high enhancement potential**	
Rationale:	Wetland functions are impacted or degraded	Wetland is between 0.5 and 5 acres
	Primary water source is surface flow	Wetland buffer is between 10% and 40%
	Flow into wetland is not restricted	Potentially sensitive to future impacts
Result:	**Wetland site is not appropriate for educational use**	
Rationale:	No access allowed to wetland	No access point to wetland exists
	No visible hazards to public	Wetland is not limited mobility accessible
	No access or observation of other habitats	
Result:	**Wetland is not appropriate or does not provide rec. opportunities**	
Rationale:	No access point to wetland exists	Wetland provides habitat for some wildlife
	No boat launching can be developed	No fishing is allowed
	No trails or viewing areas exist	No hunting is allowed
Result:	**Wetland is not aesthetically pleasing**	
Rationale:	Two Cowardin classes visible	Wetland surrounded by development
	25 - 50% of wetland can be seen	Natural odors present at wetland
	Visual detractors present, can't be removed	Continuous traffic and natural noises occur

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	Bandon Local Wetland Inventory	**Wetland:**	**GRO-8**
Project Location:	Coos County	**Wetland Type(s):**	PSS, PEM

Date(s) of field work:	OFF-SITE	**Approx. Area (acres):**	0.19
Onsite Assessment?:	NO	**Investigator(s):**	SE
Wetland Location:	West of Rosa Rd and east of Delaware Ave., south of 11th Street.		

Function and Condition Assessment Answers:

Wildlife Habitat		Fish Habitat		Water Quality		Hydrologic Control		Sensitivity to Impact	
Q	A	Q	A	Q	A	Q	A	Q	A
Q-1	A	Q-1		Q-1	B	Q-1	B	Q-1	A
Q-2	C	Q-2		Q-2	A	Q-2	A	Q-2	B
Q-3	C	Q-3		Q-3	A	Q-3	C	Q-3	C
Q-4	C	Q-4		Q-4	B	Q-4	C	Q-4	A
Q-5	A	Q-5		Q-5	A	Q-5	C	Q-5	A
Q-6	A	Q-6		Q-6	C	Q-6	A	Q-6	C
Q-7	A					Q-7	A		
Q-8	C								
Q-9A									
Q-9B	B								

Results:

Wildlife Habitat	Wetland provides habitat for some wildlife species
Fish Habitat	Fish habitat was not assessed for this wetland
Water Quality	Wetland's water-quality function is intact
Hydrologic Control	Wetland's hydrologic control is impacted or degraded
Sensitivity to Impact	Wetland is potentially sensitive to future impacts

Function and Condition Assessment Answers:

Enhancement Potential		Education		Recreation		Aesthetic Quality	
Q	A	Q	A	Q	A	Q	A
Q-1	A	Q-1	B	Q-1	C	Q-1	B
Q-2	C	Q-2	B	Q-2	C	Q-2	A
Q-3		Q-3	B	Q-3	C	Q-3	C
Q-4	C	Q-4	C	Q-4	B	Q-4	B
Q-5B	B	Q-5	C	Q-5	B	Q-5	A
Q-6	B	Q-6	B	Q-6	B	Q-6	A

Results:

Enhancement Potential	Wetland has moderate potential for enhancement
Education	Wetland has potential for educational use
Recreation	Wetland is not appropriate or does not provide rec. opportunities
Aesthetic Quality	Wetland is considered to be moderately pleasing

Oregon Freshwater Wetland Assessment Methodology
Functions and Conditions Summary Sheet

Project:	Bandon Local Wetland Inventory	**Wetland:**	**GRO-8**
Location:	Coos County	**Approx. Area (acres):**	0.19
Date:	OFF-SITE	**Wetland Types(s):**	PSS, PEM

Result:	**Wetland provides habitat for some wildlife species**	
Rationale:	More than one Cowardin class	No adjacent Water Quality limited streams
	Herbaceous vegetation, no ponding	Adjacent land is mostly developed
	Less than 0.5 acres of open water	Wetland buffer is between 10% and 40%
Result:	**Fish habitat was not assessed for this wetland**	
Rationale:		
Result:	**Wetland's water-quality function is intact**	
Rationale:	Primary water source is precipitation	Surface water connection to other wetlands
	Wetland floods/ponds in growing season	Adjacent land is mostly developed
	High wetland vegetation cover	No adjacent Water Quality Limited streams
Result:	**Wetland's hydrologic control is impacted or degraded**	
Rationale:	Wetland is not within 100 year floodplain	Herbaceous vegetation, no ponding
	Wetland floods/ponds in growing season	Development downslope of wetland
	Water has unrestricted flow out of wetland	Development upslope of wetland
Result:	**Wetland is potentially sensitive to future impacts**	
Rationale:	Stream modified or isolated wetland	Adjacent land is mostly developed
	Water not taken out	Adjacent zoning is primarily development
	No adjacent Water Quality Limited streams	Herbaceous vegetation, no ponding
Result:	**Wetland has moderate potential for enhancement**	
Rationale:	Wetland functions are impacted or degraded	Wetland is less than 0.5 acres
	Primary water source is precipitation	Wetland buffer is between 10% and 40%
	Water flow is permanently restricted	Potentially sensitive to future impacts
Result:	**Wetland has potential for educational use**	
Rationale:	Wetland access by landowner permission	No access point to wetland exists
	1 or 2 visible safety hazards	Wetland is not limited mobility accessible
	No access or observation of other habitats	
Result:	**Wetland is not appropriate or does not provide rec. opportunities**	
Rationale:	No access point to wetland exists	Wetland provides habitat for some wildlife
	No boat launching can be developed	No fishing is allowed
	No trails or viewing areas exist	No hunting is allowed
Result:	**Wetland is considered to be moderately pleasing**	
Rationale:	Two Cowardin classes visible	Wetland surrounded by landscaped areas
	>50% of wetland can be seen	Natural odors present at wetland
	Visual detractors present, can't be removed	Some traffic and natural noises are present

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	Bandon Local Wetland Inventory	**Wetland:**	**TUP-1**
Project Location:	Coos County	**Wetland Type(s):**	PSS, PEM, POW

Date(s) of field work:	OFF-SITE	**Approx. Area (acres):**	2.29
Onsite Assessment?:	NO	**Investigator(s):**	FS/ME
Wetland Location:	South of 3rd Street, north of Jetty Road, east of Lincoln Street		

Function and Condition Assessment Answers:

Wildlife Habitat		Fish Habitat		Water Quality		Hydrologic Control		Sensitivity to Impact	
Q	A	Q	A	Q	A	Q	A	Q	A
Q-1	A	Q-1		Q-1	C	Q-1	A	Q-1	A
Q-2	B	Q-2		Q-2	A	Q-2	A	Q-2	A
Q-3	B	Q-3		Q-3	C	Q-3	B	Q-3	A
Q-4	A	Q-4		Q-4	B	Q-4	A	Q-4	C
Q-5	B	Q-5		Q-5	C	Q-5	B	Q-5	A
Q-6	B	Q-6		Q-6	A	Q-6	C	Q-6	B
Q-7	C					Q-7	A		
Q-8	A								
Q-9A									
Q-9B	A								

Results:

Wildlife Habitat	Wetland provides diverse wildlife habitat
Fish Habitat	Fish habitat was not assessed for this wetland
Water Quality	Wetland's water-quality function is impacted or degraded
Hydrologic Control	Wetland's hydrologic control function is intact
Sensitivity to Impact	Wetland is sensitive to future impacts

Function and Condition Assessment Answers:

Enhancement Potential		Education		Recreation		Aesthetic Quality	
Q	A	Q	A	Q	A	Q	A
Q-1		Q-1	C	Q-1	B	Q-1	A
Q-2		Q-2	A	Q-2	C	Q-2	C
Q-3		Q-3	A	Q-3	C	Q-3	A
Q-4		Q-4	A	Q-4	A	Q-4	A
Q-5B		Q-5	B	Q-5	B	Q-5	A
Q-6		Q-6	B	Q-6	B	Q-6	A

Results:

Enhancement Potential	Due to diverse wildlife habitat, this wetland cannot be enhanced
Education	Wetland site is not appropriate for educational use
Recreation	Wetland has the potential to provide recreational activities
Aesthetic Quality	Wetland is considered to be pleasing

Oregon Freshwater Wetland Assessment Methodology
Functions and Conditions Summary Sheet

Project:	Bandon Local Wetland Inventory	**Wetland:**	**TUP-1**
Location:	Coos County	**Approx. Area (acres):**	2.29
Date:	OFF-SITE	**Wetland Types(s):**	PSS, PEM, POW

Result:	**Wetland provides diverse wildlife habitat**	
Rationale:	More than one Cowardin class	Adjacent Water Quality limited stream
	Herbaceous vegetation & ponding	Adjacent land is primarily open space
	Greater than 1 acre of open water	Wetland buffer is greater than 40%
Result:	**Fish habitat was not assessed for this wetland**	
Rationale:		
Result:	**Wetland's water-quality function is impacted or degraded**	
Rationale:	Primary water source is groundwater	Surface water connection to other wetlands
	Wetland floods/ponds in growing season	Adjacent land is primarily open space
	Low vegetation cover	Adjacent Water Quality Limited stream
Result:	**Wetland's hydrologic control function is intact**	
Rationale:	Wetland is within 100 year floodplain	Herbaceous vegetation & ponding
	Wetland floods/ponds in growing season	Open space downslope of development
	Flow out of wetland is restricted	Development upslope of wetland
Result:	**Wetland is sensitive to future impacts**	
Rationale:	Stream modified or isolated wetland	Adjacent land is primarily open space
	Water is taken out or isolated wetland	Adjacent zoning is primarily development
	Adjacent Water Quality Limited stream	Herbaceous vegetation & ponding
Result:	**Due to diverse wildlife habitat, this wetland cannot be enhanced**	
Rationale:		
Result:	**Wetland site is not appropriate for educational use**	
Rationale:	No access allowed to wetland	Unmaintained public access within 250 feet
	No visible hazards to public	Wetland is not limited mobility accessible
	Public access to other habitats exist	
Result:	**Wetland has the potential to provide recreational activities**	
Rationale:	Unmaintained public access within 250 feet	Wetland provides diverse wildlife habitat
	No boat launching can be developed	No fishing is allowed
	No trails or viewing areas exist	No hunting is allowed
Result:	**Wetland is considered to be pleasing**	
Rationale:	More than two Cowardin classes are visible	Wetland surrounded by natural areas
	Less than 25% of wetland can be seen	Natural odors present at wetland
	No visual detractors are present	Some traffic and natural noises are present

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	Bandon Local Wetland Inventory	**Wetland:**	**TUP-2**
Project Location:	Coos County	**Wetland Type(s):**	PSS, PEM

Date(s) of field work:	OFF-SITE	**Approx. Area (acres):**	0.61
Onsite Assessment?:	NO	**Investigator(s):**	FS/ME
Wetland Location:	South of Jetty Road, at the bottom of the slope of Ocean Drive.		

Function and Condition Assessment Answers:

Wildlife Habitat		Fish Habitat		Water Quality		Hydrologic Control		Sensitivity to Impact	
Q	A	Q	A	Q	A	Q	A	Q	A
Q-1	A	Q-1		Q-1	B	Q-1	A	Q-1	A
Q-2	A	Q-2		Q-2	A	Q-2	A	Q-2	A
Q-3	C	Q-3		Q-3	A	Q-3	B	Q-3	C
Q-4	C	Q-4		Q-4	B	Q-4	A	Q-4	A
Q-5	B	Q-5		Q-5	A	Q-5	A	Q-5	A
Q-6	B	Q-6		Q-6	C	Q-6	C	Q-6	A
Q-7	A					Q-7	A		
Q-8	C								
Q-9A									
Q-9B	A								

Results:

Wildlife Habitat	Wetland provides habitat for some wildlife species
Fish Habitat	Fish habitat was not assessed for this wetland
Water Quality	Wetland's water-quality function is intact
Hydrologic Control	Wetland's hydrologic control function is intact
Sensitivity to Impact	Wetland is potentially sensitive to future impacts

Function and Condition Assessment Answers:

Enhancement Potential		Education		Recreation		Aesthetic Quality	
Q	A	Q	A	Q	A	Q	A
Q-1	A	Q-1	C	Q-1	C	Q-1	B
Q-2	C	Q-2	B	Q-2	C	Q-2	A
Q-3		Q-3	B	Q-3	C	Q-3	A
Q-4	B	Q-4	B	Q-4	B	Q-4	A
Q-5B	A	Q-5	C	Q-5	B	Q-5	A
Q-6	B	Q-6	A	Q-6	B	Q-6	A

Results:

Enhancement Potential	Wetland has high enhancement potential
Education	Wetland site is not appropriate for educational use
Recreation	Wetland is not appropriate or does not provide rec. opportunities
Aesthetic Quality	Wetland is considered to be pleasing

Oregon Freshwater Wetland Assessment Methodology
Functions and Conditions Summary Sheet

Project:	Bandon Local Wetland Inventory	**Wetland:**	**TUP-2**
Location:	Coos County	**Approx. Area (acres):**	0.61
Date:	OFF-SITE	**Wetland Types(s):**	PSS, PEM

Result:	**Wetland provides habitat for some wildlife species**	
Rationale:	More than one Cowardin class	No adjacent Water Quality limited streams
	Dominated by woody vegetation	Adjacent land is mostly developed
	Less than 0.5 acres of open water	Wetland buffer is greater than 40%
Result:	**Fish habitat was not assessed for this wetland**	
Rationale:		
Result:	**Wetland's water-quality function is intact**	
Rationale:	Primary water source is precipitation	Surface water connection to other wetlands
	Wetland floods/ponds in growing season	Adjacent land is mostly developed
	High wetland vegetation cover	No adjacent Water Quality Limited streams
Result:	**Wetland's hydrologic control function is intact**	
Rationale:	Wetland is within 100 year floodplain	Dominated by woody vegetation
	Wetland floods/ponds in growing season	Open space downslope of development
	Flow out of wetland is restricted	Development upslope of wetland
Result:	**Wetland is potentially sensitive to future impacts**	
Rationale:	Stream modified or isolated wetland	Adjacent land is mostly developed
	Water is taken out or isolated wetland	Adjacent zoning is primarily development
	No adjacent Water Quality Limited streams	Dominated by woody vegetation
Result:	**Wetland has high enhancement potential**	
Rationale:	Wetland functions are impacted or degraded	Wetland is between 0.5 and 5 acres
	Primary water source is precipitation	Wetland buffer is greater than 40%
	Water flow is permanently restricted	Potentially sensitive to future impacts
Result:	**Wetland site is not appropriate for educational use**	
Rationale:	No access allowed to wetland	No access point to wetland exists
	1 or 2 visible safety hazards	Wetland is limited mobility accessible
	Other habitats can be observed not accessed	
Result:	**Wetland is not appropriate or does not provide rec. opportunities**	
Rationale:	No access point to wetland exists	Wetland provides habitat for some wildlife
	No boat launching can be developed	No fishing is allowed
	No trails or viewing areas exist	No hunting is allowed
Result:	**Wetland is considered to be pleasing**	
Rationale:	Two Cowardin classes visible	Wetland surrounded by natural areas
	>50% of wetland can be seen	Natural odors present at wetland
	No visual detractors are present	Some traffic and natural noises are present

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	Bandon Local Wetland Inventory	**Wetland:**	**TUP-3**
Project Location:	Coos County	**Wetland Type(s):**	PSS, PEM

Date(s) of field work:	OFF-SITE	**Approx. Area (acres):**	4.36
Onsite Assessment?:	NO	**Investigator(s):**	PF, JVS
Wetland Location:	East of Beach Loop Road, north of Face Rock Road		

Function and Condition Assessment Answers:

Wildlife Habitat		Fish Habitat		Water Quality		Hydrologic Control		Sensitivity to Impact	
Q	**A**	**Q**	**A**	**Q**	**A**	**Q**	**A**	**Q**	**A**
Q-1	**A**	Q-1		Q-1	**B**	Q-1	**B**	Q-1	**B**
Q-2	**A**	Q-2		Q-2	**B**	Q-2	**B**	Q-2	**B**
Q-3	**B**	Q-3		Q-3	**B**	Q-3	**B**	Q-3	**C**
Q-4	**C**	Q-4		Q-4	**B**	Q-4	**C**	Q-4	**A**
Q-5	**A**	Q-5		Q-5	**A**	Q-5	**A**	Q-5	**A**
Q-6	**B**	Q-6		Q-6	**C**	Q-6	**A**	Q-6	**A**
Q-7	**A**					Q-7	**A**		
Q-8	**C**								
Q-9A									
Q-9B	**B**								

Results:

Wildlife Habitat	Wetland provides habitat for some wildlife species
Fish Habitat	Fish habitat was not assessed for this wetland
Water Quality	Wetland's water-quality function is impacted or degraded
Hydrologic Control	Wetland's hydrologic control is impacted or degraded
Sensitivity to Impact	Wetland is potentially sensitive to future impacts

Function and Condition Assessment Answers:

Enhancement Potential		Education		Recreation		Aesthetic Quality	
Q	**A**	**Q**	**A**	**Q**	**A**	**Q**	**A**
Q-1	**A**	Q-1	**C**	Q-1	**C**	Q-1	**B**
Q-2	**C**	Q-2	**A**	Q-2	**C**	Q-2	**B**
Q-3		Q-3	**B**	Q-3	**C**	Q-3	**A**
Q-4	**B**	Q-4	**B**	Q-4	**B**	Q-4	**B**
Q-5B	**B**	Q-5	**C**	Q-5	**B**	Q-5	**A**
Q-6	**B**	Q-6	**B**	Q-6	**B**	Q-6	**A**

Results:

Enhancement Potential	Wetland has high enhancement potential
Education	Wetland site is not appropriate for educational use
Recreation	Wetland is not appropriate or does not provide rec. opportunities
Aesthetic Quality	Wetland is considered to be moderately pleasing

Oregon Freshwater Wetland Assessment Methodology
Functions and Conditions Summary Sheet

Project:	Bandon Local Wetland Inventory	**Wetland:**	**TUP-3**
Location:	Coos County	**Approx. Area (acres):**	4.36
Date:	OFF-SITE	**Wetland Types(s):**	PSS, PEM

Result:	**Wetland provides habitat for some wildlife species**	
Rationale:	More than one Cowardin class	No adjacent Water Quality limited streams
	Dominated by woody vegetation	Adjacent land is mostly developed
	Less than 0.5 acres of open water	Wetland buffer is between 10% and 40%
Result:	**Fish habitat was not assessed for this wetland**	
Rationale:		
Result:	**Wetland's water-quality function is impacted or degraded**	
Rationale:	Primary water source is precipitation	Surface water connection to other wetlands
	Can't determine if wetland floods or ponds	Adjacent land is mostly developed
	Moderate vegetation cover	No adjacent Water Quality Limited streams
Result:	**Wetland's hydrologic control is impacted or degraded**	
Rationale:	Wetland is not within 100 year floodplain	Dominated by woody vegetation
	Can't determine if wetland floods or ponds	Development downslope of wetland
	Water has unrestricted flow out of wetland	Development upslope of wetland
Result:	**Wetland is potentially sensitive to future impacts**	
Rationale:	Stream not modified	Adjacent land is mostly developed
	Water not taken out	Adjacent zoning is primarily development
	No adjacent Water Quality Limited streams	Dominated by woody vegetation
Result:	**Wetland has high enhancement potential**	
Rationale:	Wetland functions are impacted or degraded	Wetland is between 0.5 and 5 acres
	Primary water source is precipitation	Wetland buffer is between 10% and 40%
	Water flow is permanently restricted	Potentially sensitive to future impacts
Result:	**Wetland site is not appropriate for educational use**	
Rationale:	No access allowed to wetland	No access point to wetland exists
	No visible hazards to public	Wetland is not limited mobility accessible
	Other habitats can be observed not accessed	
Result:	**Wetland is not appropriate or does not provide rec. opportunities**	
Rationale:	No access point to wetland exists	Wetland provides habitat for some wildlife
	No boat launching can be developed	No fishing is allowed
	No trails or viewing areas exist	No hunting is allowed
Result:	**Wetland is considered to be moderately pleasing**	
Rationale:	Two Cowardin classes visible	Wetland surrounded by landscaped areas
	25 - 50% of wetland can be seen	Natural odors present at wetland
	No visual detractors are present	Some traffic and natural noises are present

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	Bandon Local Wetland Inventory	**Wetland:**	**TUP-4**
Project Location:	Coos County	**Wetland Type(s):**	PSS, PEM

Date(s) of field work:	OFF-SITE	**Approx. Area (acres):**	2.68
Onsite Assessment?:	NO	**Investigator(s):**	PF, JVS
Wetland Location:	East of Beach Loop Road, north of Face Rock Road		

Function and Condition Assessment Answers:

Wildlife Habitat		Fish Habitat		Water Quality		Hydrologic Control		Sensitivity to Impact	
Q	**A**	**Q**	**A**	**Q**	**A**	**Q**	**A**	**Q**	**A**
Q-1	**A**	Q-1		Q-1	**C**	Q-1	**B**	Q-1	**B**
Q-2	**A**	Q-2		Q-2	**B**	Q-2	**B**	Q-2	**A**
Q-3	**B**	Q-3		Q-3	**C**	Q-3	**B**	Q-3	**C**
Q-4	**C**	Q-4		Q-4	**B**	Q-4	**C**	Q-4	**A**
Q-5	**B**	Q-5		Q-5	**A**	Q-5	**A**	Q-5	**A**
Q-6	**B**	Q-6		Q-6	**C**	Q-6	**B**	Q-6	**A**
Q-7	**A**					Q-7	**A**		
Q-8	**C**								
Q-9A									
Q-9B	**B**								

Results:

Wildlife Habitat	Wetland provides habitat for some wildlife species
Fish Habitat	Fish habitat was not assessed for this wetland
Water Quality	Wetland's water-quality function is impacted or degraded
Hydrologic Control	Wetland's hydrologic control is impacted or degraded
Sensitivity to Impact	Wetland is potentially sensitive to future impacts

Function and Condition Assessment Answers:

Enhancement Potential		Education		Recreation		Aesthetic Quality	
Q	**A**	**Q**	**A**	**Q**	**A**	**Q**	**A**
Q-1	**A**	Q-1	**C**	Q-1	**C**	Q-1	**B**
Q-2	**B**	Q-2	**A**	Q-2	**C**	Q-2	**A**
Q-3		Q-3	**B**	Q-3	**C**	Q-3	**A**
Q-4	**B**	Q-4	**B**	Q-4	**B**	Q-4	**B**
Q-5B	**B**	Q-5	**C**	Q-5	**B**	Q-5	**A**
Q-6	**B**	Q-6	**B**	Q-6	**B**	Q-6	**A**

Results:

Enhancement Potential	Wetland has high enhancement potential
Education	Wetland site is not appropriate for educational use
Recreation	Wetland is not appropriate or does not provide rec. opportunities
Aesthetic Quality	Wetland is considered to be pleasing

Oregon Freshwater Wetland Assessment Methodology
Functions and Conditions Summary Sheet

Project:	Bandon Local Wetland Inventory	**Wetland:**	**TUP-4**
Location:	Coos County	**Approx. Area (acres):**	2.68
Date:	OFF-SITE	**Wetland Types(s):**	PSS, PEM

Result:	**Wetland provides habitat for some wildlife species**	
Rationale:	More than one Cowardin class	No adjacent Water Quality limited streams
	Dominated by woody vegetation	Adjacent land is mostly developed
	Less than 0.5 acres of open water	Wetland buffer is between 10% and 40%
Result:	**Fish habitat was not assessed for this wetland**	
Rationale:		
Result:	**Wetland's water-quality function is impacted or degraded**	
Rationale:	Primary water source is groundwater	Surface water connection to other wetlands
	Can't determine if wetland floods or ponds	Adjacent land is mostly developed
	Low vegetation cover	No adjacent Water Quality Limited streams
Result:	**Wetland's hydrologic control is impacted or degraded**	
Rationale:	Wetland is not within 100 year floodplain	Dominated by woody vegetation
	Can't determine if wetland floods or ponds	Agriculture downslope of wetland
	Water has unrestricted flow out of wetland	Development upslope of wetland
Result:	**Wetland is potentially sensitive to future impacts**	
Rationale:	Stream not modified	Adjacent land is mostly developed
	Water is taken out or isolated wetland	Adjacent zoning is primarily development
	No adjacent Water Quality Limited streams	Dominated by woody vegetation
Result:	**Wetland has high enhancement potential**	
Rationale:	Wetland functions are impacted or degraded	Wetland is between 0.5 and 5 acres
	Primary water source is groundwater	Wetland buffer is between 10% and 40%
	Water flow is permanently restricted	Potentially sensitive to future impacts
Result:	**Wetland site is not appropriate for educational use**	
Rationale:	No access allowed to wetland	No access point to wetland exists
	No visible hazards to public	Wetland is not limited mobility accessible
	Other habitats can be observed not accessed	
Result:	**Wetland is not appropriate or does not provide rec. opportunities**	
Rationale:	No access point to wetland exists	Wetland provides habitat for some wildlife
	No boat launching can be developed	No fishing is allowed
	No trails or viewing areas exist	No hunting is allowed
Result:	**Wetland is considered to be pleasing**	
Rationale:	Two Cowardin classes visible	Wetland surrounded by landscaped areas
	>50% of wetland can be seen	Natural odors present at wetland
	No visual detractors are present	Some traffic and natural noises are present

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	Bandon Local Wetland Inventory	**Wetland:**	**TUP-5**
Project Location:	Coos County	**Wetland Type(s):**	PEM

Date(s) of field work:	OFF-SITE	**Approx. Area (acres):**	0.36
Onsite Assessment?:	NO	**Investigator(s):**	PF, JVS
Wetland Location:	South of Face Rock Road, east of Beach Loop Road		

Function and Condition Assessment Answers:

Wildlife Habitat		Fish Habitat		Water Quality		Hydrologic Control		Sensitivity to Impact	
Q	A	Q	A	Q	A	Q	A	Q	A
Q-1	C	Q-1		Q-1	B	Q-1	B	Q-1	A
Q-2	C	Q-2		Q-2	A	Q-2	A	Q-2	A
Q-3	C	Q-3		Q-3	C	Q-3	C	Q-3	C
Q-4	C	Q-4		Q-4	C	Q-4	C	Q-4	A
Q-5	B	Q-5		Q-5	A	Q-5	C	Q-5	A
Q-6	B	Q-6		Q-6	C	Q-6	A	Q-6	C
Q-7	A					Q-7	A		
Q-8	C								
Q-9A									
Q-9B	B								

Results:

Wildlife Habitat	Wetland provides habitat for some wildlife species
Fish Habitat	Fish habitat was not assessed for this wetland
Water Quality	Wetland's water-quality function is impacted or degraded
Hydrologic Control	Wetland's hydrologic control is impacted or degraded
Sensitivity to Impact	Wetland is potentially sensitive to future impacts

Function and Condition Assessment Answers:

Enhancement Potential		Education		Recreation		Aesthetic Quality	
Q	A	Q	A	Q	A	Q	A
Q-1	A	Q-1	B	Q-1	C	Q-1	C
Q-2	C	Q-2	A	Q-2	C	Q-2	A
Q-3		Q-3	B	Q-3	B	Q-3	A
Q-4	C	Q-4	C	Q-4	B	Q-4	A
Q-5B	B	Q-5	C	Q-5	B	Q-5	A
Q-6	B	Q-6	A	Q-6	B	Q-6	A

Results:

Enhancement Potential	Wetland has moderate potential for enhancement
Education	Wetland has potential for educational use
Recreation	Wetland is not appropriate or does not provide rec. opportunities
Aesthetic Quality	Wetland is considered to be pleasing

Oregon Freshwater Wetland Assessment Methodology
Functions and Conditions Summary Sheet

Project:	Bandon Local Wetland Inventory	**Wetland:**	**TUP-5**
Location:	Coos County	**Approx. Area (acres):**	0.36
Date:	OFF-SITE	**Wetland Types(s):**	PEM

Result:	**Wetland provides habitat for some wildlife species**	
Rationale:	One Class with less than 5 species	No adjacent Water Quality limited streams
	Herbaceous vegetation, no ponding	Adjacent land is mostly developed
	Less than 0.5 acres of open water	Wetland buffer is between 10% and 40%
Result:	**Fish habitat was not assessed for this wetland**	
Rationale:		
Result:	**Wetland's water-quality function is impacted or degraded**	
Rationale:	Primary water source is precipitation	Isolated from other wetlands
	Wetland floods/ponds in growing season	Adjacent land is mostly developed
	Low vegetation cover	No adjacent Water Quality Limited streams
Result:	**Wetland's hydrologic control is impacted or degraded**	
Rationale:	Wetland is not within 100 year floodplain	Herbaceous vegetation, no ponding
	Wetland floods/ponds in growing season	Development downslope of wetland
	Water has unrestricted flow out of wetland	Development upslope of wetland
Result:	**Wetland is potentially sensitive to future impacts**	
Rationale:	Stream modified or isolated wetland	Adjacent land is mostly developed
	Water is taken out or isolated wetland	Adjacent zoning is primarily development
	No adjacent Water Quality Limited streams	Herbaceous vegetation, no ponding
Result:	**Wetland has moderate potential for enhancement**	
Rationale:	Wetland functions are impacted or degraded	Wetland is less than 0.5 acres
	Primary water source is precipitation	Wetland buffer is between 10% and 40%
	Water flow is permanently restricted	Potentially sensitive to future impacts
Result:	**Wetland has potential for educational use**	
Rationale:	Wetland access by landowner permission	No access point to wetland exists
	No visible hazards to public	Wetland is limited mobility accessible
	No access or observation of other habitats	
Result:	**Wetland is not appropriate or does not provide rec. opportunities**	
Rationale:	No access point to wetland exists	Wetland provides habitat for some wildlife
	No boat launching can be developed	No fishing is allowed
	Unmaintained trails, viewing areas exist	No hunting is allowed
Result:	**Wetland is considered to be pleasing**	
Rationale:	One Cowardin class is visible	Wetland surrounded by natural areas
	>50% of wetland can be seen	Natural odors present at wetland
	No visual detractors are present	Some traffic and natural noises are present

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	Bandon Local Wetland Inventory	**Wetland:**	**TUP-6**
Project Location:	Coos County	**Wetland Type(s):**	PFO, PSS, PEM

Date(s) of field work:	3/27/02	**Approx. Area (acres):**	0.21
Onsite Assessment?:	YES	**Investigator(s):**	SE/ME
Wetland Location:	In Face Rock Park, east of Beach Loop Road		

Function and Condition Assessment Answers:

Wildlife Habitat		Fish Habitat		Water Quality		Hydrologic Control		Sensitivity to Impact	
Q	A	Q	A	Q	A	Q	A	Q	A
Q-1	A	Q-1		Q-1	B	Q-1	B	Q-1	B
Q-2	C	Q-2		Q-2	A	Q-2	A	Q-2	B
Q-3	A	Q-3		Q-3	A	Q-3	B	Q-3	C
Q-4	C	Q-4		Q-4	B	Q-4	A	Q-4	C
Q-5	A	Q-5		Q-5	C	Q-5	C	Q-5	A
Q-6	A	Q-6		Q-6	C	Q-6	C	Q-6	C
Q-7	A					Q-7	A		
Q-8	A								
Q-9A									
Q-9B	A								

Results:

Wildlife Habitat	Wetland provides habitat for some wildlife species
Fish Habitat	Fish habitat was not assessed for this wetland
Water Quality	Wetland's water-quality function is intact
Hydrologic Control	Wetland's hydrologic control is impacted or degraded
Sensitivity to Impact	Wetland is potentially sensitive to future impacts

Function and Condition Assessment Answers:

Enhancement Potential		Education		Recreation		Aesthetic Quality	
Q	A	Q	A	Q	A	Q	A
Q-1	A	Q-1	A	Q-1	A	Q-1	A
Q-2	C	Q-2	A	Q-2	C	Q-2	A
Q-3		Q-3	B	Q-3	A	Q-3	A
Q-4	B	Q-4	A	Q-4	B	Q-4	A
Q-5B	A	Q-5	A	Q-5	B	Q-5	A
Q-6	B	Q-6	A	Q-6	B	Q-6	A

Results:

Enhancement Potential	Wetland has high enhancement potential
Education	Wetland has educational uses
Recreation	Wetland provides recreational opportunities
Aesthetic Quality	Wetland is considered to be pleasing

Oregon Freshwater Wetland Assessment Methodology
Functions and Conditions Summary Sheet

Project:	Bandon Local Wetland Inventory	**Wetland:**	**TUP-6**
Location:	Coos County	**Approx. Area (acres):**	0.21
Date:	3/27/02	**Wetland Types(s):**	PFO, PSS, PEM

Result:	**Wetland provides habitat for some wildlife species**	
Rationale:	More than one Cowardin class	No adjacent Water Quality limited streams
	Herbaceous vegetation, no ponding	Adjacent land is primarily open space
	Less than 0.5 acres of open water	Wetland buffer is greater than 40%
Result:	**Fish habitat was not assessed for this wetland**	
Rationale:		
Result:	**Wetland's water-quality function is intact**	
Rationale:	Primary water source is precipitation	Surface water connection to other wetlands
	Wetland floods/ponds in growing season	Adjacent land is primarily open space
	High wetland vegetation cover	No adjacent Water Quality Limited streams
Result:	**Wetland's hydrologic control is impacted or degraded**	
Rationale:	Wetland is not within 100 year floodplain	Herbaceous vegetation, no ponding
	Wetland floods/ponds in growing season	Open space downslope of development
	Flow out of wetland is restricted	Development upslope of wetland
Result:	**Wetland is potentially sensitive to future impacts**	
Rationale:	Stream not modified	Adjacent land is primarily open space
	Water not taken out	Adjacent zoning is primarily development
	No adjacent Water Quality Limited streams	Herbaceous vegetation, no ponding
Result:	**Wetland has high enhancement potential**	
Rationale:	Wetland functions are impacted or degraded	Wetland is between 0.5 and 5 acres
	Primary water source is precipitation	Wetland buffer is greater than 40%
	Water flow is permanently restricted	Potentially sensitive to future impacts
Result:	**Wetland has educational uses**	
Rationale:	Wetland is open to the public	Maintained public access within 250 feet
	No visible hazards to public	Wetland is limited mobility accessible
	Public access to other habitats exist	
Result:	**Wetland provides recreational opportunities**	
Rationale:	Maintained public access within 250 feet	Wetland provides habitat for some wildlife
	No boat launching can be developed	No fishing is allowed
	Maintained trails, viewing areas exist	No hunting is allowed
Result:	**Wetland is considered to be pleasing**	
Rationale:	More than two Cowardin classes are visible	Wetland surrounded by natural areas
	>50% of wetland can be seen	Natural odors present at wetland
	No visual detractors are present	Some traffic and natural noises are present

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	Bandon Local Wetland Inventory	**Wetland:**	**JOH-1**
Project Location:	Coos County	**Wetland Type(s):**	PFO, PSS, PEM

Date(s) of field work:	2/13/02, 4/18/02	**Approx. Area (acres):**	0.27
Onsite Assessment?:	YES	**Investigator(s):**	SE/FS
Wetland Location:	South of 11th Street West, in City Park.		

Function and Condition Assessment Answers:

Wildlife Habitat		Fish Habitat		Water Quality		Hydrologic Control		Sensitivity to Impact	
Q	A	Q	A	Q	A	Q	A	Q	A
Q-1	A	Q-1		Q-1	B	Q-1	B	Q-1	A
Q-2	B	Q-2		Q-2	A	Q-2	A	Q-2	B
Q-3	C	Q-3		Q-3	A	Q-3	C	Q-3	C
Q-4	C	Q-4		Q-4	C	Q-4	C	Q-4	C
Q-5	B	Q-5		Q-5	C	Q-5	B	Q-5	C
Q-6	B	Q-6		Q-6	C	Q-6	C	Q-6	B
Q-7	A					Q-7	A		
Q-8	A								
Q-9A									
Q-9B	B								

Results:

Wildlife Habitat	Wetland provides habitat for some wildlife species
Fish Habitat	Fish habitat was not assessed for this wetland
Water Quality	Wetland's water-quality function is impacted or degraded
Hydrologic Control	Wetland's hydrologic control is impacted or degraded
Sensitivity to Impact	Wetland is potentially sensitive to future impacts

Function and Condition Assessment Answers:

Enhancement Potential		Education		Recreation		Aesthetic Quality	
Q	A	Q	A	Q	A	Q	A
Q-1	A	Q-1	A	Q-1	A	Q-1	A
Q-2	C	Q-2	A	Q-2	C	Q-2	A
Q-3		Q-3	B	Q-3	A	Q-3	C
Q-4	C	Q-4	A	Q-4	B	Q-4	A
Q-5B	B	Q-5	A	Q-5	B	Q-5	A
Q-6	B	Q-6	A	Q-6	B	Q-6	A

Results:

Enhancement Potential	Wetland has moderate potential for enhancement
Education	Wetland has educational uses
Recreation	Wetland provides recreational opportunities
Aesthetic Quality	Wetland is considered to be moderately pleasing

Oregon Freshwater Wetland Assessment Methodology
Functions and Conditions Summary Sheet

Project:	Bandon Local Wetland Inventory	**Wetland:**	**JOH-1**
Location:	Coos County	**Approx. Area (acres):**	0.27
Date:	2/13/02, 4/18/02	**Wetland Types(s):**	PFO, PSS, PEM

Result:	**Wetland provides habitat for some wildlife species**	
Rationale:	More than one Cowardin class	No adjacent Water Quality limited streams
	Herbaceous vegetation & ponding	Adjacent land is primarily open space
	Less than 0.5 acres of open water	Wetland buffer is between 10% and 40%
Result:	**Fish habitat was not assessed for this wetland**	
Rationale:		
Result:	**Wetland's water-quality function is impacted or degraded**	
Rationale:	Primary water source is precipitation	Isolated from other wetlands
	Wetland floods/ponds in growing season	Adjacent land is primarily open space
	High wetland vegetation cover	No adjacent Water Quality Limited streams
Result:	**Wetland's hydrologic control is impacted or degraded**	
Rationale:	Wetland is not within 100 year floodplain	Herbaceous vegetation & ponding
	Wetland floods/ponds in growing season	Open space downslope of development
	Water has unrestricted flow out of wetland	Development upslope of wetland
Result:	**Wetland is potentially sensitive to future impacts**	
Rationale:	Stream modified or isolated wetland	Adjacent land is primarily open space
	Water not taken out	Adjacent zoning is mostly open space
	No adjacent Water Quality Limited streams	Herbaceous vegetation & ponding
Result:	**Wetland has moderate potential for enhancement**	
Rationale:	Wetland functions are impacted or degraded	Wetland is less than 0.5 acres
	Primary water source is precipitation	Wetland buffer is between 10% and 40%
	Water flow is permanently restricted	Potentially sensitive to future impacts
Result:	**Wetland has educational uses**	
Rationale:	Wetland is open to the public	Maintained public access within 250 feet
	No visible hazards to public	Wetland is limited mobility accessible
	Public access to other habitats exist	
Result:	**Wetland provides recreational opportunities**	
Rationale:	Maintained public access within 250 feet	Wetland provides habitat for some wildlife
	No boat launching can be developed	No fishing is allowed
	Maintained trails, viewing areas exist	No hunting is allowed
Result:	**Wetland is considered to be moderately pleasing**	
Rationale:	More than two Cowardin classes are visible	Wetland surrounded by natural areas
	>50% of wetland can be seen	Natural odors present at wetland
	Visual detractors present, can't be removed	Some traffic and natural noises are present

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	Bandon Local Wetland Inventory	**Wetland:**	**JOH-2**
Project Location:	Coos County	**Wetland Type(s):**	PEM

Date(s) of field work:	OFF-SITE	**Approx. Area (acres):**	0.34
Onsite Assessment?:	NO	**Investigator(s):**	PF, JVS
Wetland Location:	West of Hwy. 101, south end of Jackson Avenue		

Function and Condition Assessment Answers:

Wildlife Habitat		Fish Habitat		Water Quality		Hydrologic Control		Sensitivity to Impact	
Q	A	Q	A	Q	A	Q	A	Q	A
Q-1	C	Q-1		Q-1	B	Q-1	B	Q-1	A
Q-2	C	Q-2		Q-2	A	Q-2	A	Q-2	B
Q-3	C	Q-3		Q-3	C	Q-3	C	Q-3	C
Q-4	C	Q-4		Q-4	C	Q-4	C	Q-4	B
Q-5	B	Q-5		Q-5	B	Q-5	C	Q-5	A
Q-6	B	Q-6		Q-6	C	Q-6	A	Q-6	C
Q-7	A					Q-7	A		
Q-8	B								
Q-9A									
Q-9B	B								

Results:

Wildlife Habitat	Wetland provides habitat for some wildlife species
Fish Habitat	Fish habitat was not assessed for this wetland
Water Quality	Wetland's water-quality function is impacted or degraded
Hydrologic Control	Wetland's hydrologic control is impacted or degraded
Sensitivity to Impact	Wetland is potentially sensitive to future impacts

Function and Condition Assessment Answers:

Enhancement Potential		Education		Recreation		Aesthetic Quality	
Q	A	Q	A	Q	A	Q	A
Q-1	A	Q-1	B	Q-1	C	Q-1	C
Q-2	C	Q-2	A	Q-2	C	Q-2	A
Q-3		Q-3	B	Q-3	C	Q-3	A
Q-4	C	Q-4	B	Q-4	B	Q-4	A
Q-5B	B	Q-5	C	Q-5	B	Q-5	A
Q-6	B	Q-6	A	Q-6	B	Q-6	B

Results:

Enhancement Potential	Wetland has moderate potential for enhancement
Education	Wetland has potential for educational use
Recreation	Wetland is not appropriate or does not provide rec. opportunities
Aesthetic Quality	Wetland is considered to be pleasing

Oregon Freshwater Wetland Assessment Methodology
Functions and Conditions Summary Sheet

Project:	Bandon Local Wetland Inventory	**Wetland:**	**JOH-2**
Location:	Coos County	**Approx. Area (acres):**	0.34
Date:	OFF-SITE	**Wetland Types(s):**	PEM

Result:	**Wetland provides habitat for some wildlife species**	
Rationale:	One Class with less than 5 species	No adjacent Water Quality limited streams
	Herbaceous vegetation, no ponding	Adjacent land use is primarily agriculture
	Less than 0.5 acres of open water	Wetland buffer is between 10% and 40%
Result:	**Fish habitat was not assessed for this wetland**	
Rationale:		
Result:	**Wetland's water-quality function is impacted or degraded**	
Rationale:	Primary water source is precipitation	Isolated from other wetlands
	Wetland floods/ponds in growing season	Adjacent land use is primarily agriculture
	Low vegetation cover	No adjacent Water Quality Limited streams
Result:	**Wetland's hydrologic control is impacted or degraded**	
Rationale:	Wetland is not within 100 year floodplain	Herbaceous vegetation, no ponding
	Wetland floods/ponds in growing season	Development downslope of wetland
	Water has unrestricted flow out of wetland	Development upslope of wetland
Result:	**Wetland is potentially sensitive to future impacts**	
Rationale:	Stream modified or isolated wetland	Adjacent land use is primarily agriculture
	Water not taken out	Adjacent zoning is primarily development
	No adjacent Water Quality Limited streams	Herbaceous vegetation, no ponding
Result:	**Wetland has moderate potential for enhancement**	
Rationale:	Wetland functions are impacted or degraded	Wetland is less than 0.5 acres
	Primary water source is precipitation	Wetland buffer is between 10% and 40%
	Water flow is permanently restricted	Potentially sensitive to future impacts
Result:	**Wetland has potential for educational use**	
Rationale:	Wetland access by landowner permission	No access point to wetland exists
	No visible hazards to public	Wetland is limited mobility accessible
	Other habitats can be observed not accessed	
Result:	**Wetland is not appropriate or does not provide rec. opportunities**	
Rationale:	No access point to wetland exists	Wetland provides habitat for some wildlife
	No boat launching can be developed	No fishing is allowed
	No trails or viewing areas exist	No hunting is allowed
Result:	**Wetland is considered to be pleasing**	
Rationale:	One Cowardin class is visible	Wetland surrounded by natural areas
	>50% of wetland can be seen	Natural odors present at wetland
	No visual detractors are present	Continuous traffic and natural noises occur

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	Bandon Local Wetland Inventory	**Wetland:**	**JOH-3A**
Project Location:	Coos County	**Wetland Type(s):**	PEM, PSS, PFO
Date(s) of field work:	2/13/02, 3/8/02	**Approx. Area (acres):**	14.95
Onsite Assessment?:	Partial off-site	**Investigator(s):**	PF, FS, SE, ME, JVS
Wetland Location:	North of Edna Road, west of Hwy 101		

Function and Condition Assessment Answers:

Wildlife Habitat		Fish Habitat		Water Quality		Hydrologic Control		Sensitivity to Impact	
Q	A	Q	A	Q	A	Q	A	Q	A
Q-1	A	Q-1		Q-1	B	Q-1	B	Q-1	A
Q-2	A	Q-2		Q-2	A	Q-2	A	Q-2	B
Q-3	A	Q-3		Q-3	B	Q-3	A	Q-3	C
Q-4	C	Q-4		Q-4	A	Q-4	C	Q-4	B
Q-5	A	Q-5		Q-5	B	Q-5	A	Q-5	A
Q-6	A	Q-6		Q-6	C	Q-6	B	Q-6	A
Q-7	A					Q-7	A		
Q-8	B								
Q-9A									
Q-9B	A								

Results:

Wildlife Habitat	Wetland provides diverse wildlife habitat
Fish Habitat	Fish habitat was not assessed for this wetland
Water Quality	Wetland's water-quality function is impacted or degraded
Hydrologic Control	Wetland's hydrologic control function is intact
Sensitivity to Impact	Wetland is potentially sensitive to future impacts

Function and Condition Assessment Answers:

Enhancement Potential		Education		Recreation		Aesthetic Quality	
Q	A	Q	A	Q	A	Q	A
Q-1		Q-1	B	Q-1	C	Q-1	B
Q-2		Q-2	B	Q-2	C	Q-2	C
Q-3		Q-3	A	Q-3	C	Q-3	A
Q-4		Q-4	B	Q-4	A	Q-4	A
Q-5B		Q-5	C	Q-5	B	Q-5	A
Q-6		Q-6	B	Q-6	B	Q-6	A

Results:

Enhancement Potential	Due to diverse wildlife habitat, this wetland cannot be enhanced
Education	Wetland has potential for educational use
Recreation	Wetland is not appropriate or does not provide rec. opportunities
Aesthetic Quality	Wetland is considered to be moderately pleasing

Oregon Freshwater Wetland Assessment Methodology
Functions and Conditions Summary Sheet

Project:	Bandon Local Wetland Inventory	**Wetland:**	**JOH-3A**
Location:	Coos County	**Approx. Area (acres):**	14.95
Date:	2/13/02, 3/8/02	**Wetland Types(s):**	PEM, PSS, PFO

Result:	**Wetland provides diverse wildlife habitat**	
Rationale:	More than one Cowardin class	No adjacent Water Quality limited streams
	Dominated by woody vegetation	Adjacent land use is primarily agriculture
	Less than 0.5 acres of open water	Wetland buffer is greater than 40%
Result:	**Fish habitat was not assessed for this wetland**	
Rationale:		
Result:	**Wetland's water-quality function is impacted or degraded**	
Rationale:	Primary water source is precipitation	Wetland is more than 5 acres in size
	Wetland floods/ponds in growing season	Adjacent land use is primarily agriculture
	Moderate vegetation cover	No adjacent Water Quality Limited streams
Result:	**Wetland's hydrologic control function is intact**	
Rationale:	Wetland is not within 100 year floodplain	Dominated by woody vegetation
	Wetland floods/ponds in growing season	Agriculture downslope of wetland
	Water has unrestricted flow out of wetland	Development upslope of wetland
Result:	**Wetland is potentially sensitive to future impacts**	
Rationale:	Stream modified or isolated wetland	Adjacent land use is primarily agriculture
	Water not taken out	Adjacent zoning is primarily development
	No adjacent Water Quality Limited streams	Dominated by woody vegetation
Result:	**Due to diverse wildlife habitat, this wetland cannot be enhanced**	
Rationale:		
Result:	**Wetland has potential for educational use**	
Rationale:	Wetland access by landowner permission	No access point to wetland exists
	1 or 2 visible safety hazards	Wetland is not limited mobility accessible
	Other habitats can be observed not accessed	
Result:	**Wetland is not appropriate or does not provide rec. opportunities**	
Rationale:	No access point to wetland exists	Wetland provides diverse wildlife habitat
	No boat launching can be developed	No fishing is allowed
	No trails or viewing areas exist	No hunting is allowed
Result:	**Wetland is considered to be moderately pleasing**	
Rationale:	Two Cowardin classes visible	Wetland surrounded by natural areas
	Less than 25% of wetland can be seen	Natural odors present at wetland
	No visual detractors are present	Some traffic and natural noises are present

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	Bandon Local Wetland Inventory	**Wetland:**	**JOH-3B**
Project Location:	Coos County	**Wetland Type(s):**	PEM, PSS

Date(s) of field work:	1/16/02	**Approx. Area (acres):**	1.55
Onsite Assessment?:	Partial	**Investigator(s):**	PF, FS
Wetland Location:	North of Edna Road, west of Hwy 101		

Function and Condition Assessment Answers:

Wildlife Habitat		Fish Habitat		Water Quality		Hydrologic Control		Sensitivity to Impact	
Q	A	Q	A	Q	A	Q	A	Q	A
Q-1	A	Q-1		Q-1	B	Q-1	B	Q-1	B
Q-2	C	Q-2		Q-2	A	Q-2	A	Q-2	B
Q-3	C	Q-3		Q-3	B	Q-3	C	Q-3	C
Q-4	C	Q-4		Q-4	B	Q-4	C	Q-4	B
Q-5	A	Q-5		Q-5	B	Q-5	C	Q-5	A
Q-6	A	Q-6		Q-6	C	Q-6	B	Q-6	C
Q-7	A					Q-7	A		
Q-8	B								
Q-9A									
Q-9B	B								

Results:

Wildlife Habitat	Wetland provides habitat for some wildlife species
Fish Habitat	Fish habitat was not assessed for this wetland
Water Quality	Wetland's water-quality function is impacted or degraded
Hydrologic Control	Wetland's hydrologic control is impacted or degraded
Sensitivity to Impact	Wetland is potentially sensitive to future impacts

Function and Condition Assessment Answers:

Enhancement Potential		Education		Recreation		Aesthetic Quality	
Q	A	Q	A	Q	A	Q	A
Q-1	A	Q-1	C	Q-1	C	Q-1	B
Q-2	C	Q-2	B	Q-2	C	Q-2	B
Q-3		Q-3	B	Q-3	C	Q-3	B
Q-4	C	Q-4	B	Q-4	B	Q-4	B
Q-5B	B	Q-5	C	Q-5	B	Q-5	A
Q-6	B	Q-6	B	Q-6	B	Q-6	A

Results:

Enhancement Potential	Wetland has moderate potential for enhancement
Education	Wetland site is not appropriate for educational use
Recreation	Wetland is not appropriate or does not provide rec. opportunities
Aesthetic Quality	Wetland is considered to be moderately pleasing

Oregon Freshwater Wetland Assessment Methodology
Functions and Conditions Summary Sheet

Project:	Bandon Local Wetland Inventory	**Wetland:**	**JOH-3B**
Location:	Coos County	**Approx. Area (acres):**	1.55
Date:	1/16/02	**Wetland Types(s):**	PEM, PSS

Result:	**Wetland provides habitat for some wildlife species**	
Rationale:	More than one Cowardin class	No adjacent Water Quality limited streams
	Herbaceous vegetation, no ponding	Adjacent land use is primarily agriculture
	Less than 0.5 acres of open water	Wetland buffer is between 10% and 40%
Result:	**Fish habitat was not assessed for this wetland**	
Rationale:		
Result:	**Wetland's water-quality function is impacted or degraded**	
Rationale:	Primary water source is precipitation	Surface water connection to other wetlands
	Wetland floods/ponds in growing season	Adjacent land use is primarily agriculture
	Moderate vegetation cover	No adjacent Water Quality Limited streams
Result:	**Wetland's hydrologic control is impacted or degraded**	
Rationale:	Wetland is not within 100 year floodplain	Herbaceous vegetation, no ponding
	Wetland floods/ponds in growing season	Agriculture downslope of wetland
	Water has unrestricted flow out of wetland	Development upslope of wetland
Result:	**Wetland is potentially sensitive to future impacts**	
Rationale:	Stream not modified	Adjacent land use is primarily agriculture
	Water not taken out	Adjacent zoning is primarily development
	No adjacent Water Quality Limited streams	Herbaceous vegetation, no ponding
Result:	**Wetland has moderate potential for enhancement**	
Rationale:	Wetland functions are impacted or degraded	Wetland is less than 0.5 acres
	Primary water source is precipitation	Wetland buffer is between 10% and 40%
	Water flow is permanently restricted	Potentially sensitive to future impacts
Result:	**Wetland site is not appropriate for educational use**	
Rationale:	No access allowed to wetland	No access point to wetland exists
	1 or 2 visible safety hazards	Wetland is not limited mobility accessible
	Other habitats can be observed not accessed	
Result:	**Wetland is not appropriate or does not provide rec. opportunities**	
Rationale:	No access point to wetland exists	Wetland provides habitat for some wildlife
	No boat launching can be developed	No fishing is allowed
	No trails or viewing areas exist	No hunting is allowed
Result:	**Wetland is considered to be moderately pleasing**	
Rationale:	Two Cowardin classes visible	Wetland surrounded by landscaped areas
	25 - 50% of wetland can be seen	Natural odors present at wetland
	Visual detractors present, can be removed	Some traffic and natural noises are present

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	Bandon Local Wetland Inventory	**Wetland:**	**JOH-3C**
Project Location:	Coos County	**Wetland Type(s):**	PEM, PSS, PFO

Date(s) of field work:	1/16/02	**Approx. Area (acres):**	4.32
Onsite Assessment?:	Partial	**Investigator(s):**	PF, FS
Wetland Location:	Johnson Creek trib., west of 10l, north of Seabird Dr.		

Function and Condition Assessment Answers:

Wildlife Habitat		Fish Habitat		Water Quality		Hydrologic Control		Sensitivity to Impact	
Q	A	Q	A	Q	A	Q	A	Q	A
Q-1	A	Q-1	B	Q-1	A	Q-1	B	Q-1	B
Q-2	A	Q-2	B	Q-2	A	Q-2	A	Q-2	B
Q-3	C	Q-3	C	Q-3	B	Q-3	B	Q-3	C
Q-4	C	Q-4	A	Q-4	B	Q-4	C	Q-4	B
Q-5	A	Q-5	B	Q-5	B	Q-5	A	Q-5	A
Q-6	A	Q-6	B	Q-6	C	Q-6	C	Q-6	A
Q-7	A					Q-7	B		
Q-8	B								
Q-9A									
Q-9B	B								

Results:

Wildlife Habitat	Wetland provides habitat for some wildlife species
Fish Habitat	Wetland's fish habitat function is impacted or degraded
Water Quality	Wetland's water-quality function is impacted or degraded
Hydrologic Control	Wetland's hydrologic control is impacted or degraded
Sensitivity to Impact	Wetland is potentially sensitive to future impacts

Function and Condition Assessment Answers:

Enhancement Potential		Education		Recreation		Aesthetic Quality	
Q	A	Q	A	Q	A	Q	A
Q-1	A	Q-1	C	Q-1	C	Q-1	B
Q-2	A	Q-2	A	Q-2	C	Q-2	C
Q-3	A	Q-3	B	Q-3	C	Q-3	B
Q-4	B	Q-4	B	Q-4	B	Q-4	B
Q-5B	B	Q-5	C	Q-5	B	Q-5	A
Q-6	B	Q-6	B	Q-6	B	Q-6	A

Results:

Enhancement Potential	Wetland has high enhancement potential
Education	Wetland site is not appropriate for educational use
Recreation	Wetland is not appropriate or does not provide rec. opportunities
Aesthetic Quality	Wetland is considered to be moderately pleasing

Oregon Freshwater Wetland Assessment Methodology
Functions and Conditions Summary Sheet

Project:	Bandon Local Wetland Inventory	**Wetland:**	**JOH-3C**
Location:	Coos County	**Approx. Area (acres):**	4.32
Date:	1/16/02	**Wetland Types(s):**	PEM, PSS, PFO

Result:	**Wetland provides habitat for some wildlife species**	
Rationale:	More than one Cowardin class	No adjacent Water Quality limited streams
	Dominated by woody vegetation	Adjacent land use is primarily agriculture
	Less than 0.5 acres of open water	Wetland buffer is between 10% and 40%
Result:	**Wetland's fish habitat function is impacted or degraded**	
Rationale:	25-50% of stream is shaded	No adjacent Water Quality Limited streams
	Only portions of stream are modified	Adjacent land use is primarily agriculture
	<10% of stream has instream structures	Warmwater fish present in stream
Result:	**Wetland's water-quality function is impacted or degraded**	
Rationale:	Primary water source is surface flow	Surface water connection to other wetlands
	Wetland floods/ponds in growing season	Adjacent land use is primarily agriculture
	Moderate vegetation cover	No adjacent Water Quality Limited streams
Result:	**Wetland's hydrologic control is impacted or degraded**	
Rationale:	Wetland is not within 100 year floodplain	Dominated by woody vegetation
	Wetland floods/ponds in growing season	Open space downslope of development
	Water has unrestricted flow out of wetland	Agriculture upslope of wetland
Result:	**Wetland is potentially sensitive to future impacts**	
Rationale:	Stream not modified	Adjacent land use is primarily agriculture
	Water not taken out	Adjacent zoning is primarily development
	No adjacent Water Quality Limited streams	Dominated by woody vegetation
Result:	**Wetland has high enhancement potential**	
Rationale:	Wetland functions are impacted or degraded	Wetland is between 0.5 and 5 acres
	Primary water source is surface flow	Wetland buffer is between 10% and 40%
	Flow into wetland is not restricted	Potentially sensitive to future impacts
Result:	**Wetland site is not appropriate for educational use**	
Rationale:	No access allowed to wetland	No access point to wetland exists
	No visible hazards to public	Wetland is not limited mobility accessible
	Other habitats can be observed not accessed	
Result:	**Wetland is not appropriate or does not provide rec. opportunities**	
Rationale:	No access point to wetland exists	Wetland provides habitat for some wildlife
	No boat launching can be developed	No fishing is allowed
	No trails or viewing areas exist	No hunting is allowed
Result:	**Wetland is considered to be moderately pleasing**	
Rationale:	Two Cowardin classes visible	Wetland surrounded by landscaped areas
	Less than 25% of wetland can be seen	Natural odors present at wetland
	Visual detractors present, can be removed	Some traffic and natural noises are present

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	Bandon Local Wetland Inventory	**Wetland:**	**JOH-3D**
Project Location:	Coos County	**Wetland Type(s):**	PEM, PSS, PFO

Date(s) of field work:	OFF-SITE	**Approx. Area (acres):**	8.44
Onsite Assessment?:	NO	**Investigator(s):**	PF, JVS
Wetland Location:	Johnson Creek, west of Hwy. 101		

Function and Condition Assessment Answers:

Wildlife Habitat		Fish Habitat		Water Quality		Hydrologic Control		Sensitivity to Impact	
Q	A	Q	A	Q	A	Q	A	Q	A
Q-1	A	Q-1	C	Q-1	A	Q-1	A	Q-1	B
Q-2	C	Q-2	B	Q-2	B	Q-2	B	Q-2	B
Q-3	A	Q-3	B	Q-3	B	Q-3	A	Q-3	A
Q-4	B	Q-4	C	Q-4	A	Q-4	C	Q-4	A
Q-5	A	Q-5	C	Q-5	A	Q-5	C	Q-5	A
Q-6	A	Q-6	B	Q-6	A	Q-6	C	Q-6	C
Q-7	C					Q-7	B		
Q-8	C								
Q-9A									
Q-9B	B								

Results:

Wildlife Habitat	Wetland provides habitat for some wildlife species
Fish Habitat	Wetland's fish habitat function is impacted or degraded
Water Quality	Wetland's water-quality function is impacted or degraded
Hydrologic Control	Wetland's hydrologic control is impacted or degraded
Sensitivity to Impact	Wetland is potentially sensitive to future impacts

Function and Condition Assessment Answers:

Enhancement Potential		Education		Recreation		Aesthetic Quality	
Q	A	Q	A	Q	A	Q	A
Q-1	A	Q-1	B	Q-1	C	Q-1	A
Q-2	A	Q-2	B	Q-2	C	Q-2	C
Q-3	A	Q-3	B	Q-3	A	Q-3	B
Q-4	A	Q-4	B	Q-4	B	Q-4	B
Q-5B	B	Q-5	C	Q-5	B	Q-5	A
Q-6	B	Q-6	A	Q-6	B	Q-6	A

Results:

Enhancement Potential	Wetland has high enhancement potential
Education	Wetland has potential for educational use
Recreation	Wetland is not appropriate or does not provide rec. opportunities
Aesthetic Quality	Wetland is considered to be pleasing

Oregon Freshwater Wetland Assessment Methodology
Functions and Conditions Summary Sheet

Project:	Bandon Local Wetland Inventory	**Wetland:**	**JOH-3D**
Location:	Coos County	**Approx. Area (acres):**	8.44
Date:	OFF-SITE	**Wetland Types(s):**	PEM, PSS, PFO

Result:	**Wetland provides habitat for some wildlife species**	
Rationale:	More than one Cowardin class	Adjacent Water Quality limited stream
	Herbaceous vegetation, no ponding	Adjacent land is mostly developed
	Between 0.5 - 1 acre of open water	Wetland buffer is between 10% and 40%
Result:	**Wetland's fish habitat function is impacted or degraded**	
Rationale:	Less than 25% of stream is shaded	Adjacent Water Quality Limited stream
	Only portions of stream are modified	Adjacent land is mostly developed
	10-25% of stream has instream structures	Warmwater fish present in stream
Result:	**Wetland's water-quality function is impacted or degraded**	
Rationale:	Primary water source is surface flow	Wetland is more than 5 acres in size
	Can't determine if wetland floods or ponds	Adjacent land is mostly developed
	Moderate vegetation cover	Adjacent Water Quality Limited stream
Result:	**Wetland's hydrologic control is impacted or degraded**	
Rationale:	Wetland is within 100 year floodplain	Herbaceous vegetation, no ponding
	Can't determine if wetland floods or ponds	Open space downslope of development
	Water has unrestricted flow out of wetland	Agriculture upslope of wetland
Result:	**Wetland is potentially sensitive to future impacts**	
Rationale:	Stream not modified	Adjacent land is mostly developed
	Water not taken out	Adjacent zoning is primarily development
	Adjacent Water Quality Limited stream	Herbaceous vegetation, no ponding
Result:	**Wetland has high enhancement potential**	
Rationale:	Wetland functions are impacted or degraded	Wetland is greater than 5 acres
	Primary water source is surface flow	Wetland buffer is between 10% and 40%
	Flow into wetland is not restricted	Potentially sensitive to future impacts
Result:	**Wetland has potential for educational use**	
Rationale:	Wetland access by landowner permission	No access point to wetland exists
	1 or 2 visible safety hazards	Wetland is limited mobility accessible
	Other habitats can be observed not accessed	
Result:	**Wetland is not appropriate or does not provide rec. opportunities**	
Rationale:	No access point to wetland exists	Wetland provides habitat for some wildlife
	No boat launching can be developed	No fishing is allowed
	Maintained trails, viewing areas exist	No hunting is allowed
Result:	**Wetland is considered to be pleasing**	
Rationale:	More than two Cowardin classes are visible	Wetland surrounded by landscaped areas
	Less than 25% of wetland can be seen	Natural odors present at wetland
	Visual detractors present, can be removed	Some traffic and natural noises are present

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	Bandon Local Wetland Inventory	**Wetland:**	**JOH-3E**
Project Location:	Coos County	**Wetland Type(s):**	PEM, PSS, PFO
Date(s) of field work:	1/16/02	**Approx. Area (acres):**	7.52
Onsite Assessment?:	Partial	**Investigator(s):**	PF, FS
Wetland Location:	Johnson Creek, east of Hwy. 101		

Function and Condition Assessment Answers:

Wildlife Habitat		Fish Habitat		Water Quality		Hydrologic Control		Sensitivity to Impact	
Q	A	Q	A	Q	A	Q	A	Q	A
Q-1	A	Q-1	A	Q-1	A	Q-1	A	Q-1	A
Q-2	A	Q-2	A	Q-2	A	Q-2	A	Q-2	B
Q-3	A	Q-3	A	Q-3	A	Q-3	A	Q-3	A
Q-4	C	Q-4	C	Q-4	A	Q-4	C	Q-4	A
Q-5	A	Q-5	C	Q-5	A	Q-5	A	Q-5	A
Q-6	A	Q-6	B	Q-6	A	Q-6	C	Q-6	A
Q-7	C					Q-7	B		
Q-8	C								
Q-9A									
Q-9B	B								

Results:

Wildlife Habitat	Wetland provides habitat for some wildlife species
Fish Habitat	Wetland's fish habitat function is impacted or degraded
Water Quality	Wetland's water-quality function is intact
Hydrologic Control	Wetland's hydrologic control function is intact
Sensitivity to Impact	Wetland is potentially sensitive to future impacts

Function and Condition Assessment Answers:

Enhancement Potential		Education		Recreation		Aesthetic Quality	
Q	A	Q	A	Q	A	Q	A
Q-1	A	Q-1	B	Q-1	C	Q-1	B
Q-2	A	Q-2	B	Q-2	C	Q-2	C
Q-3	A	Q-3	B	Q-3	C	Q-3	A
Q-4	A	Q-4	B	Q-4	B	Q-4	B
Q-5B	B	Q-5	C	Q-5	B	Q-5	A
Q-6	B	Q-6	B	Q-6	B	Q-6	A

Results:

Enhancement Potential	Wetland has high enhancement potential
Education	Wetland has potential for educational use
Recreation	Wetland is not appropriate or does not provide rec. opportunities
Aesthetic Quality	Wetland is considered to be moderately pleasing

Oregon Freshwater Wetland Assessment Methodology
Functions and Conditions Summary Sheet

Project:	Bandon Local Wetland Inventory	**Wetland:**	**JOH-3E**
Location:	Coos County	**Approx. Area (acres):**	7.52
Date:	1/16/02	**Wetland Types(s):**	PEM, PSS, PFO

Result:	**Wetland provides habitat for some wildlife species**	
Rationale:	More than one Cowardin class	Adjacent Water Quality limited stream
	Dominated by woody vegetation	Adjacent land is mostly developed
	Less than 0.5 acres of open water	Wetland buffer is between 10% and 40%
Result:	**Wetland's fish habitat function is impacted or degraded**	
Rationale:	50% or more of stream is shaded	Adjacent Water Quality Limited stream
	Stream is in a natural channel	Adjacent land is mostly developed
	>25% of stream has instream structures	Warmwater fish present in stream
Result:	**Wetland's water-quality function is intact**	
Rationale:	Primary water source is surface flow	Wetland is more than 5 acres in size
	Wetland floods/ponds in growing season	Adjacent land is mostly developed
	High wetland vegetation cover	Adjacent Water Quality Limited stream
Result:	**Wetland's hydrologic control function is intact**	
Rationale:	Wetland is within 100 year floodplain	Dominated by woody vegetation
	Wetland floods/ponds in growing season	Open space downslope of development
	Water has unrestricted flow out of wetland	Agriculture upslope of wetland
Result:	**Wetland is potentially sensitive to future impacts**	
Rationale:	Stream modified or isolated wetland	Adjacent land is mostly developed
	Water not taken out	Adjacent zoning is primarily development
	Adjacent Water Quality Limited stream	Dominated by woody vegetation
Result:	**Wetland has high enhancement potential**	
Rationale:	Wetland functions are impacted or degraded	Wetland is greater than 5 acres
	Primary water source is surface flow	Wetland buffer is between 10% and 40%
	Flow into wetland is not restricted	Potentially sensitive to future impacts
Result:	**Wetland has potential for educational use**	
Rationale:	Wetland access by landowner permission	No access point to wetland exists
	1 or 2 visible safety hazards	Wetland is not limited mobility accessible
	Other habitats can be observed not accessed	
Result:	**Wetland is not appropriate or does not provide rec. opportunities**	
Rationale:	No access point to wetland exists	Wetland provides habitat for some wildlife
	No boat launching can be developed	No fishing is allowed
	No trails or viewing areas exist	No hunting is allowed
Result:	**Wetland is considered to be moderately pleasing**	
Rationale:	Two Cowardin classes visible	Wetland surrounded by landscaped areas
	Less than 25% of wetland can be seen	Natural odors present at wetland
	No visual detractors are present	Some traffic and natural noises are present

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	Bandon Local Wetland Inventory	**Wetland:**	**JOH-4**
Project Location:	Coos County	**Wetland Type(s):**	PEM, PSS, PFO

Date(s) of field work:	OFF-SITE	**Approx. Area (acres):**	13.72
Onsite Assessment?:	NO	**Investigator(s):**	PF, JVS
Wetland Location:	North of Edna Road, west of Hwy 101		

Function and Condition Assessment Answers:

Wildlife Habitat		Fish Habitat		Water Quality		Hydrologic Control		Sensitivity to Impact	
Q	A	Q	A	Q	A	Q	A	Q	A
Q-1	A	Q-1		Q-1	B	Q-1	B	Q-1	B
Q-2	A	Q-2		Q-2	B	Q-2	B	Q-2	B
Q-3	A	Q-3		Q-3	B	Q-3	A	Q-3	C
Q-4	C	Q-4		Q-4	A	Q-4	C	Q-4	B
Q-5	B	Q-5		Q-5	B	Q-5	A	Q-5	A
Q-6	A	Q-6		Q-6	C	Q-6	A	Q-6	A
Q-7	A					Q-7	A		
Q-8	B								
Q-9A									
Q-9B	A								

Results:

Wildlife Habitat	Wetland provides diverse wildlife habitat
Fish Habitat	Fish habitat was not assessed for this wetland
Water Quality	Wetland's water-quality function is impacted or degraded
Hydrologic Control	Wetland's hydrologic control function is intact
Sensitivity to Impact	Wetland is potentially sensitive to future impacts

Function and Condition Assessment Answers:

Enhancement Potential		Education		Recreation		Aesthetic Quality	
Q	A	Q	A	Q	A	Q	A
Q-1		Q-1	C	Q-1	C	Q-1	A
Q-2		Q-2	B	Q-2	C	Q-2	B
Q-3		Q-3	A	Q-3	C	Q-3	A
Q-4		Q-4	B	Q-4	A	Q-4	A
Q-5B		Q-5	C	Q-5	B	Q-5	A
Q-6		Q-6	B	Q-6	B	Q-6	B

Results:

Enhancement Potential	Due to diverse wildlife habitat, this wetland cannot be enhanced
Education	Wetland site is not appropriate for educational use
Recreation	Wetland is not appropriate or does not provide rec. opportunities
Aesthetic Quality	Wetland is considered to be pleasing

Oregon Freshwater Wetland Assessment Methodology
Functions and Conditions Summary Sheet

Project:	Bandon Local Wetland Inventory	**Wetland:**	**JOH-4**
Location:	Coos County	**Approx. Area (acres):**	13.72
Date:	OFF-SITE	**Wetland Types(s):**	PEM, PSS, PFO

Result:	**Wetland provides diverse wildlife habitat**	
Rationale:	More than one Cowardin class	No adjacent Water Quality limited streams
	Dominated by woody vegetation	Adjacent land use is primarily agriculture
	Less than 0.5 acres of open water	Wetland buffer is greater than 40%
Result:	**Fish habitat was not assessed for this wetland**	
Rationale:		
Result:	**Wetland's water-quality function is impacted or degraded**	
Rationale:	Primary water source is precipitation	Wetland is more than 5 acres in size
	Can't determine if wetland floods or ponds	Adjacent land use is primarily agriculture
	Moderate vegetation cover	No adjacent Water Quality Limited streams
Result:	**Wetland's hydrologic control function is intact**	
Rationale:	Wetland is not within 100 year floodplain	Dominated by woody vegetation
	Can't determine if wetland floods or ponds	Development downslope of wetland
	Water has unrestricted flow out of wetland	Development upslope of wetland
Result:	**Wetland is potentially sensitive to future impacts**	
Rationale:	Stream not modified	Adjacent land use is primarily agriculture
	Water not taken out	Adjacent zoning is primarily development
	No adjacent Water Quality Limited streams	Dominated by woody vegetation
Result:	**Due to diverse wildlife habitat, this wetland cannot be enhanced**	
Rationale:		
Result:	**Wetland site is not appropriate for educational use**	
Rationale:	No access allowed to wetland	No access point to wetland exists
	1 or 2 visible safety hazards	Wetland is not limited mobility accessible
	Other habitats can be observed not accessed	
Result:	**Wetland is not appropriate or does not provide rec. opportunities**	
Rationale:	No access point to wetland exists	Wetland provides diverse wildlife habitat
	No boat launching can be developed	No fishing is allowed
	No trails or viewing areas exist	No hunting is allowed
Result:	**Wetland is considered to be pleasing**	
Rationale:	More than two Cowardin classes are visible	Wetland surrounded by natural areas
	25 - 50% of wetland can be seen	Natural odors present at wetland
	No visual detractors are present	Continuous traffic and natural noises occur

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	Bandon Local Wetland Inventory	**Wetland:**	**JOH-5**
Project Location:	Coos County	**Wetland Type(s):**	PSS

Date(s) of field work:	OFF-SITE	**Approx. Area (acres):**	0.95
Onsite Assessment?:	NO	**Investigator(s):**	PF, JVS
Wetland Location:	South of Edna Road, west of Hwy 101		

Function and Condition Assessment Answers:

Wildlife Habitat		Fish Habitat		Water Quality		Hydrologic Control		Sensitivity to Impact	
Q	**A**	**Q**	**A**	**Q**	**A**	**Q**	**A**	**Q**	**A**
Q-1	**C**	Q-1		Q-1	**B**	Q-1	**B**	Q-1	**B**
Q-2	**A**	Q-2		Q-2	**B**	Q-2	**B**	Q-2	**B**
Q-3	**C**	Q-3		Q-3	**A**	Q-3	**C**	Q-3	**C**
Q-4	**C**	Q-4		Q-4	**C**	Q-4	**C**	Q-4	**B**
Q-5	**B**	Q-5		Q-5	**B**	Q-5	**A**	Q-5	**A**
Q-6	**B**	Q-6		Q-6	**C**	Q-6	**A**	Q-6	**A**
Q-7	**A**					Q-7	**A**		
Q-8	**B**								
Q-9A									
Q-9B	**B**								

Results:

Wildlife Habitat	Wetland provides habitat for some wildlife species
Fish Habitat	Fish habitat was not assessed for this wetland
Water Quality	Wetland's water-quality function is impacted or degraded
Hydrologic Control	Wetland's hydrologic control is impacted or degraded
Sensitivity to Impact	Wetland is potentially sensitive to future impacts

Function and Condition Assessment Answers:

Enhancement Potential		Education		Recreation		Aesthetic Quality	
Q	**A**	**Q**	**A**	**Q**	**A**	**Q**	**A**
Q-1	**A**	Q-1	**C**	Q-1	**C**	Q-1	**C**
Q-2	**C**	Q-2	**B**	Q-2	**C**	Q-2	**B**
Q-3		Q-3	**B**	Q-3	**C**	Q-3	**A**
Q-4	**C**	Q-4	**B**	Q-4	**B**	Q-4	**B**
Q-5B	**B**	Q-5	**C**	Q-5	**B**	Q-5	**A**
Q-6	**B**	Q-6	**B**	Q-6	**B**	Q-6	**B**

Results:

Enhancement Potential	Wetland has moderate potential for enhancement
Education	Wetland site is not appropriate for educational use
Recreation	Wetland is not appropriate or does not provide rec. opportunities
Aesthetic Quality	Wetland is considered to be moderately pleasing

Oregon Freshwater Wetland Assessment Methodology
Functions and Conditions Summary Sheet

Project:	Bandon Local Wetland Inventory	**Wetland:**	**JOH-5**
Location:	Coos County	**Approx. Area (acres):**	0.95
Date:	OFF-SITE	**Wetland Types(s):**	PSS

Result:	**Wetland provides habitat for some wildlife species**	
Rationale:	One Class with less than 5 species	No adjacent Water Quality limited streams
	Dominated by woody vegetation	Adjacent land use is primarily agriculture
	Less than 0.5 acres of open water	Wetland buffer is between 10% and 40%

Result:	**Fish habitat was not assessed for this wetland**	
Rationale:		

Result:	**Wetland's water-quality function is impacted or degraded**	
Rationale:	Primary water source is precipitation	Isolated from other wetlands
	Can't determine if wetland floods or ponds	Adjacent land use is primarily agriculture
	High wetland vegetation cover	No adjacent Water Quality Limited streams

Result:	**Wetland's hydrologic control is impacted or degraded**	
Rationale:	Wetland is not within 100 year floodplain	Dominated by woody vegetation
	Can't determine if wetland floods or ponds	Development downslope of wetland
	Water has unrestricted flow out of wetland	Development upslope of wetland

Result:	**Wetland is potentially sensitive to future impacts**	
Rationale:	Stream not modified	Adjacent land use is primarily agriculture
	Water not taken out	Adjacent zoning is primarily development
	No adjacent Water Quality Limited streams	Dominated by woody vegetation

Result:	**Wetland has moderate potential for enhancement**	
Rationale:	Wetland functions are impacted or degraded	Wetland is less than 0.5 acres
	Primary water source is precipitation	Wetland buffer is between 10% and 40%
	Water flow is permanently restricted	Potentially sensitive to future impacts

Result:	**Wetland site is not appropriate for educational use**	
Rationale:	No access allowed to wetland	No access point to wetland exists
	1 or 2 visible safety hazards	Wetland is not limited mobility accessible
	Other habitats can be observed not accessed	

Result:	**Wetland is not appropriate or does not provide rec. opportunities**	
Rationale:	No access point to wetland exists	Wetland provides habitat for some wildlife
	No boat launching can be developed	No fishing is allowed
	No trails or viewing areas exist	No hunting is allowed

Result:	**Wetland is considered to be moderately pleasing**	
Rationale:	One Cowardin class is visible	Wetland surrounded by landscaped areas
	25 - 50% of wetland can be seen	Natural odors present at wetland
	No visual detractors are present	Continuous traffic and natural noises occur

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	Bandon Local Wetland Inventory	**Wetland:**	**JOH-6**
Project Location:	Coos County	**Wetland Type(s):**	PEM, PSS, PFO

Date(s) of field work:	OFF-SITE	**Approx. Area (acres):**	7.50
Onsite Assessment?:	NO	**Investigator(s):**	PF, FS, SE, ME, JVS
Wetland Location:	East of Beach Loop Road, north of Seabird Drive		

Function and Condition Assessment Answers:

Wildlife Habitat		Fish Habitat		Water Quality		Hydrologic Control		Sensitivity to Impact	
Q	**A**	**Q**	**A**	**Q**	**A**	**Q**	**A**	**Q**	**A**
Q-1	**A**	Q-1		Q-1	**B**	Q-1	**B**	Q-1	**A**
Q-2	**A**	Q-2		Q-2	**B**	Q-2	**B**	Q-2	**B**
Q-3	**B**	Q-3		Q-3	**B**	Q-3	**A**	Q-3	**C**
Q-4	**C**	Q-4		Q-4	**A**	Q-4	**C**	Q-4	**A**
Q-5	**A**	Q-5		Q-5	**A**	Q-5	**A**	Q-5	**A**
Q-6	**B**	Q-6		Q-6	**C**	Q-6	**B**	Q-6	**A**
Q-7	**A**					Q-7	**A**		
Q-8	**C**								
Q-9A									
Q-9B	**B**								

Results:

Wildlife Habitat	Wetland provides habitat for some wildlife species
Fish Habitat	Fish habitat was not assessed for this wetland
Water Quality	Wetland's water-quality function is impacted or degraded
Hydrologic Control	Wetland's hydrologic control is impacted or degraded
Sensitivity to Impact	Wetland is potentially sensitive to future impacts

Function and Condition Assessment Answers:

Enhancement Potential		Education		Recreation		Aesthetic Quality	
Q	**A**	**Q**	**A**	**Q**	**A**	**Q**	**A**
Q-1	**A**	Q-1	**B**	Q-1	**C**	Q-1	**B**
Q-2	**C**	Q-2	**B**	Q-2	**C**	Q-2	**C**
Q-3		Q-3	**B**	Q-3	**C**	Q-3	**A**
Q-4	**A**	Q-4	**B**	Q-4	**B**	Q-4	**A**
Q-5B	**B**	Q-5	**C**	Q-5	**B**	Q-5	**A**
Q-6	**B**	Q-6	**B**	Q-6	**B**	Q-6	**A**

Results:

Enhancement Potential	Wetland has high enhancement potential
Education	Wetland has potential for educational use
Recreation	Wetland is not appropriate or does not provide rec. opportunities
Aesthetic Quality	Wetland is considered to be moderately pleasing

Oregon Freshwater Wetland Assessment Methodology
Functions and Conditions Summary Sheet

Project:	Bandon Local Wetland Inventory	**Wetland:**	**JOH-6**
Location:	Coos County	**Approx. Area (acres):**	7.50
Date:	OFF-SITE	**Wetland Types(s):**	PEM, PSS, PFO

Result:	**Wetland provides habitat for some wildlife species**	
Rationale:	More than one Cowardin class	No adjacent Water Quality limited streams
	Dominated by woody vegetation	Adjacent land is mostly developed
	Less than 0.5 acres of open water	Wetland buffer is between 10% and 40%
Result:	**Fish habitat was not assessed for this wetland**	
Rationale:		
Result:	**Wetland's water-quality function is impacted or degraded**	
Rationale:	Primary water source is precipitation	Wetland is more than 5 acres in size
	Can't determine if wetland floods or ponds	Adjacent land is mostly developed
	Moderate vegetation cover	No adjacent Water Quality Limited streams
Result:	**Wetland's hydrologic control is impacted or degraded**	
Rationale:	Wetland is not within 100 year floodplain	Dominated by woody vegetation
	Can't determine if wetland floods or ponds	Agriculture downslope of wetland
	Water has unrestricted flow out of wetland	Development upslope of wetland
Result:	**Wetland is potentially sensitive to future impacts**	
Rationale:	Stream modified or isolated wetland	Adjacent land is mostly developed
	Water not taken out	Adjacent zoning is primarily development
	No adjacent Water Quality Limited streams	Dominated by woody vegetation
Result:	**Wetland has high enhancement potential**	
Rationale:	Wetland functions are impacted or degraded	Wetland is greater than 5 acres
	Primary water source is precipitation	Wetland buffer is between 10% and 40%
	Water flow is permanently restricted	Potentially sensitive to future impacts
Result:	**Wetland has potential for educational use**	
Rationale:	Wetland access by landowner permission	No access point to wetland exists
	1 or 2 visible safety hazards	Wetland is not limited mobility accessible
	Other habitats can be observed not accessed	
Result:	**Wetland is not appropriate or does not provide rec. opportunities**	
Rationale:	No access point to wetland exists	Wetland provides habitat for some wildlife
	No boat launching can be developed	No fishing is allowed
	No trails or viewing areas exist	No hunting is allowed
Result:	**Wetland is considered to be moderately pleasing**	
Rationale:	Two Cowardin classes visible	Wetland surrounded by natural areas
	Less than 25% of wetland can be seen	Natural odors present at wetland
	No visual detractors are present	Some traffic and natural noises are present

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	Bandon Local Wetland Inventory	**Wetland:**	**JOH-7**
Project Location:	Coos County	**Wetland Type(s):**	PEM, PSS

Date(s) of field work:	1/17/02	**Approx. Area (acres):**	0.67
Onsite Assessment?:	PARTIAL	**Investigator(s):**	PF, FS
Wetland Location:	West of 10l, north of Seabird Dr., south of Face Rock		

Function and Condition Assessment Answers:

Wildlife Habitat		Fish Habitat		Water Quality		Hydrologic Control		Sensitivity to Impact	
Q	A	Q	A	Q	A	Q	A	Q	A
Q-1	A	Q-1		Q-1	B	Q-1	B	Q-1	A
Q-2	C	Q-2		Q-2	A	Q-2	A	Q-2	B
Q-3	B	Q-3		Q-3	B	Q-3	C	Q-3	C
Q-4	C	Q-4		Q-4	B	Q-4	C	Q-4	A
Q-5	A	Q-5		Q-5	A	Q-5	C	Q-5	A
Q-6	A	Q-6		Q-6	C	Q-6	B	Q-6	C
Q-7	A					Q-7	A		
Q-8	C								
Q-9A									
Q-9B	B								

Results:

Wildlife Habitat	Wetland provides habitat for some wildlife species
Fish Habitat	Fish habitat was not assessed for this wetland
Water Quality	Wetland's water-quality function is impacted or degraded
Hydrologic Control	Wetland's hydrologic control is impacted or degraded
Sensitivity to Impact	Wetland is potentially sensitive to future impacts

Function and Condition Assessment Answers:

Enhancement Potential		Education		Recreation		Aesthetic Quality	
Q	A	Q	A	Q	A	Q	A
Q-1	A	Q-1	C	Q-1	C	Q-1	B
Q-2	C	Q-2	A	Q-2	C	Q-2	A
Q-3		Q-3	B	Q-3	C	Q-3	B
Q-4	C	Q-4	B	Q-4	B	Q-4	A
Q-5B	B	Q-5	C	Q-5	B	Q-5	A
Q-6	B	Q-6	B	Q-6	B	Q-6	A

Results:

Enhancement Potential	Wetland has moderate potential for enhancement
Education	Wetland site is not appropriate for educational use
Recreation	Wetland is not appropriate or does not provide rec. opportunities
Aesthetic Quality	Wetland is considered to be pleasing

Oregon Freshwater Wetland Assessment Methodology
Functions and Conditions Summary Sheet

Project:	Bandon Local Wetland Inventory	**Wetland:**	**JOH-7**
Location:	Coos County	**Approx. Area (acres):**	0.67
Date:	1/17/02	**Wetland Types(s):**	PEM, PSS

Result:	**Wetland provides habitat for some wildlife species**	
Rationale:	More than one Cowardin class	No adjacent Water Quality limited streams
	Herbaceous vegetation, no ponding	Adjacent land is mostly developed
	Less than 0.5 acres of open water	Wetland buffer is between 10% and 40%
Result:	**Fish habitat was not assessed for this wetland**	
Rationale:		
Result:	**Wetland's water-quality function is impacted or degraded**	
Rationale:	Primary water source is precipitation	Surface water connection to other wetlands
	Wetland floods/ponds in growing season	Adjacent land is mostly developed
	Moderate vegetation cover	No adjacent Water Quality Limited streams
Result:	**Wetland's hydrologic control is impacted or degraded**	
Rationale:	Wetland is not within 100 year floodplain	Herbaceous vegetation, no ponding
	Wetland floods/ponds in growing season	Agriculture downslope of wetland
	Water has unrestricted flow out of wetland	Development upslope of wetland
Result:	**Wetland is potentially sensitive to future impacts**	
Rationale:	Stream modified or isolated wetland	Adjacent land is mostly developed
	Water not taken out	Adjacent zoning is primarily development
	No adjacent Water Quality Limited streams	Herbaceous vegetation, no ponding
Result:	**Wetland has moderate potential for enhancement**	
Rationale:	Wetland functions are impacted or degraded	Wetland is less than 0.5 acres
	Primary water source is precipitation	Wetland buffer is between 10% and 40%
	Water flow is permanently restricted	Potentially sensitive to future impacts
Result:	**Wetland site is not appropriate for educational use**	
Rationale:	No access allowed to wetland	No access point to wetland exists
	No visible hazards to public	Wetland is not limited mobility accessible
	Other habitats can be observed not accessed	
Result:	**Wetland is not appropriate or does not provide rec. opportunities**	
Rationale:	No access point to wetland exists	Wetland provides habitat for some wildlife
	No boat launching can be developed	No fishing is allowed
	No trails or viewing areas exist	No hunting is allowed
Result:	**Wetland is considered to be pleasing**	
Rationale:	Two Cowardin classes visible	Wetland surrounded by natural areas
	>50% of wetland can be seen	Natural odors present at wetland
	Visual detractors present, can be removed	Some traffic and natural noises are present

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	Bandon Local Wetland Inventory	**Wetland:**	**JOH-8**
Project Location:	Coos County	**Wetland Type(s):**	PEM, PSS

Date(s) of field work:	1/17/02	**Approx. Area (acres):**	3.71
Onsite Assessment?:	PARTIAL	**Investigator(s):**	PF, FS
Wetland Location:	West of 10l, north of Seabird Dr., east of Beach Loop Rd.		

Function and Condition Assessment Answers:

Wildlife Habitat		Fish Habitat		Water Quality		Hydrologic Control		Sensitivity to Impact	
Q	A	Q	A	Q	A	Q	A	Q	A
Q-1	A	Q-1	C	Q-1	B	Q-1	B	Q-1	A
Q-2	B	Q-2	C	Q-2	A	Q-2	A	Q-2	B
Q-3	B	Q-3	C	Q-3	B	Q-3	A	Q-3	C
Q-4	C	Q-4	A	Q-4	A	Q-4	C	Q-4	A
Q-5	A	Q-5	C	Q-5	A	Q-5	B	Q-5	A
Q-6	A	Q-6	B	Q-6	C	Q-6	A	Q-6	B
Q-7	A					Q-7	A		
Q-8	C								
Q-9A									
Q-9B	B								

Results:

Wildlife Habitat	Wetland provides habitat for some wildlife species
Fish Habitat	Wetland's fish habitat function is impacted or degraded
Water Quality	Wetland's water-quality function is impacted or degraded
Hydrologic Control	Wetland's hydrologic control function is intact
Sensitivity to Impact	Wetland is potentially sensitive to future impacts

Function and Condition Assessment Answers:

Enhancement Potential		Education		Recreation		Aesthetic Quality	
Q	A	Q	A	Q	A	Q	A
Q-1	A	Q-1	B	Q-1	C	Q-1	C
Q-2	C	Q-2	B	Q-2	C	Q-2	C
Q-3		Q-3	B	Q-3	B	Q-3	B
Q-4	A	Q-4	B	Q-4	B	Q-4	B
Q-5B	B	Q-5	C	Q-5	B	Q-5	A
Q-6	B	Q-6	A	Q-6	B	Q-6	A

Results:

Enhancement Potential	Wetland has high enhancement potential
Education	Wetland has potential for educational use
Recreation	Wetland is not appropriate or does not provide rec. opportunities
Aesthetic Quality	Wetland is not aesthetically pleasing

Oregon Freshwater Wetland Assessment Methodology
Functions and Conditions Summary Sheet

Project:	Bandon Local Wetland Inventory	**Wetland:**	**JOH-8**
Location:	Coos County	**Approx. Area (acres):**	3.71
Date:	1/17/02	**Wetland Types(s):**	PEM, PSS

Result:	**Wetland provides habitat for some wildlife species**	
Rationale:	More than one Cowardin class	No adjacent Water Quality limited streams
	Herbaceous vegetation & ponding	Adjacent land is mostly developed
	Less than 0.5 acres of open water	Wetland buffer is between 10% and 40%
Result:	**Wetland's fish habitat function is impacted or degraded**	
Rationale:	Less than 25% of stream is shaded	No adjacent Water Quality Limited streams
	Stream banks are extensively modified	Adjacent land is mostly developed
	<10% of stream has instream structures	Warmwater fish present in stream
Result:	**Wetland's water-quality function is impacted or degraded**	
Rationale:	Primary water source is precipitation	Wetland is more than 5 acres in size
	Wetland floods/ponds in growing season	Adjacent land is mostly developed
	Moderate vegetation cover	No adjacent Water Quality Limited streams
Result:	**Wetland's hydrologic control function is intact**	
Rationale:	Wetland is not within 100 year floodplain	Herbaceous vegetation & ponding
	Wetland floods/ponds in growing season	Development downslope of wetland
	Water has unrestricted flow out of wetland	Development upslope of wetland
Result:	**Wetland is potentially sensitive to future impacts**	
Rationale:	Stream modified or isolated wetland	Adjacent land is mostly developed
	Water not taken out	Adjacent zoning is primarily development
	No adjacent Water Quality Limited streams	Herbaceous vegetation & ponding
Result:	**Wetland has high enhancement potential**	
Rationale:	Wetland functions are impacted or degraded	Wetland is greater than 5 acres
	Primary water source is precipitation	Wetland buffer is between 10% and 40%
	Water flow is permanently restricted	Potentially sensitive to future impacts
Result:	**Wetland has potential for educational use**	
Rationale:	Wetland access by landowner permission	No access point to wetland exists
	1 or 2 visible safety hazards	Wetland is limited mobility accessible
	Other habitats can be observed not accessed	
Result:	**Wetland is not appropriate or does not provide rec. opportunities**	
Rationale:	No access point to wetland exists	Wetland provides habitat for some wildlife
	No boat launching can be developed	No fishing is allowed
	Unmaintained trails, viewing areas exist	No hunting is allowed
Result:	**Wetland is not aesthetically pleasing**	
Rationale:	One Cowardin class is visible	Wetland surrounded by landscaped areas
	Less than 25% of wetland can be seen	Natural odors present at wetland
	Visual detractors present, can be removed	Some traffic and natural noises are present

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	Bandon Local Wetland Inventory	**Wetland:**	**JOH-9**
Project Location:	Coos County	**Wetland Type(s):**	PEM, PSS

Date(s) of field work:	OFF-SITE	**Approx. Area (acres):**	1.08
Onsite Assessment?:	NO	**Investigator(s):**	PF, JVS
Wetland Location:	North of Seabird Drive, east of Beach Loop Road		

Function and Condition Assessment Answers:

Wildlife Habitat		Fish Habitat		Water Quality		Hydrologic Control		Sensitivity to Impact	
Q	**A**	**Q**	**A**	**Q**	**A**	**Q**	**A**	**Q**	**A**
Q-1	**A**	Q-1		Q-1	**B**	Q-1	**B**	Q-1	**B**
Q-2	**C**	Q-2		Q-2	**A**	Q-2	**A**	Q-2	**B**
Q-3	**C**	Q-3		Q-3	**B**	Q-3	**C**	Q-3	**C**
Q-4	**C**	Q-4		Q-4	**C**	Q-4	**C**	Q-4	**A**
Q-5	**A**	Q-5		Q-5	**A**	Q-5	**C**	Q-5	**A**
Q-6	**B**	Q-6		Q-6	**C**	Q-6	**A**	Q-6	**C**
Q-7	**A**					Q-7	**A**		
Q-8	**C**								
Q-9A									
Q-9B	**B**								

Results:

Wildlife Habitat	Wetland provides habitat for some wildlife species
Fish Habitat	Fish habitat was not assessed for this wetland
Water Quality	Wetland's water-quality function is impacted or degraded
Hydrologic Control	Wetland's hydrologic control is impacted or degraded
Sensitivity to Impact	Wetland is potentially sensitive to future impacts

Function and Condition Assessment Answers:

Enhancement Potential		Education		Recreation		Aesthetic Quality	
Q	**A**	**Q**	**A**	**Q**	**A**	**Q**	**A**
Q-1	**A**	Q-1	**B**	Q-1	**C**	Q-1	**B**
Q-2	**C**	Q-2	**B**	Q-2	**C**	Q-2	**A**
Q-3		Q-3	**B**	Q-3	**C**	Q-3	**A**
Q-4	**C**	Q-4	**B**	Q-4	**B**	Q-4	**B**
Q-5B	**B**	Q-5	**C**	Q-5	**B**	Q-5	**A**
Q-6	**B**	Q-6	**B**	Q-6	**B**	Q-6	**A**

Results:

Enhancement Potential	Wetland has moderate potential for enhancement
Education	Wetland has potential for educational use
Recreation	Wetland is not appropriate or does not provide rec. opportunities
Aesthetic Quality	Wetland is considered to be pleasing

Oregon Freshwater Wetland Assessment Methodology
Functions and Conditions Summary Sheet

Project:	Bandon Local Wetland Inventory	**Wetland:**	**JOH-9**
Location:	Coos County	**Approx. Area (acres):**	1.08
Date:	OFF-SITE	**Wetland Types(s):**	PEM, PSS

Result:	**Wetland provides habitat for some wildlife species**	
Rationale:	More than one Cowardin class	No adjacent Water Quality limited streams
	Herbaceous vegetation, no ponding	Adjacent land is mostly developed
	Less than 0.5 acres of open water	Wetland buffer is between 10% and 40%
Result:	**Fish habitat was not assessed for this wetland**	
Rationale:		
Result:	**Wetland's water-quality function is impacted or degraded**	
Rationale:	Primary water source is precipitation	Isolated from other wetlands
	Wetland floods/ponds in growing season	Adjacent land is mostly developed
	Moderate vegetation cover	No adjacent Water Quality Limited streams
Result:	**Wetland's hydrologic control is impacted or degraded**	
Rationale:	Wetland is not within 100 year floodplain	Herbaceous vegetation, no ponding
	Wetland floods/ponds in growing season	Development downslope of wetland
	Water has unrestricted flow out of wetland	Development upslope of wetland
Result:	**Wetland is potentially sensitive to future impacts**	
Rationale:	Stream not modified	Adjacent land is mostly developed
	Water not taken out	Adjacent zoning is primarily development
	No adjacent Water Quality Limited streams	Herbaceous vegetation, no ponding
Result:	**Wetland has moderate potential for enhancement**	
Rationale:	Wetland functions are impacted or degraded	Wetland is less than 0.5 acres
	Primary water source is precipitation	Wetland buffer is between 10% and 40%
	Water flow is permanently restricted	Potentially sensitive to future impacts
Result:	**Wetland has potential for educational use**	
Rationale:	Wetland access by landowner permission	No access point to wetland exists
	1 or 2 visible safety hazards	Wetland is not limited mobility accessible
	Other habitats can be observed not accessed	
Result:	**Wetland is not appropriate or does not provide rec. opportunities**	
Rationale:	No access point to wetland exists	Wetland provides habitat for some wildlife
	No boat launching can be developed	No fishing is allowed
	No trails or viewing areas exist	No hunting is allowed
Result:	**Wetland is considered to be pleasing**	
Rationale:	Two Cowardin classes visible	Wetland surrounded by landscaped areas
	>50% of wetland can be seen	Natural odors present at wetland
	No visual detractors are present	Some traffic and natural noises are present

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	Bandon Local Wetland Inventory	**Wetland:**	**JOH-10**
Project Location:	Coos County	**Wetland Type(s):**	PSS, PEM

Date(s) of field work:	3/27/02	**Approx. Area (acres):**	0.50
Onsite Assessment?:	YES	**Investigator(s):**	SE/ME
Wetland Location:	East of Golf Fairway Court		

Function and Condition Assessment Answers:

Wildlife Habitat		Fish Habitat		Water Quality		Hydrologic Control		Sensitivity to Impact	
Q	A	Q	A	Q	A	Q	A	Q	A
Q-1	A	Q-1		Q-1	B	Q-1	B	Q-1	B
Q-2	C	Q-2		Q-2	A	Q-2	A	Q-2	A
Q-3	C	Q-3		Q-3	A	Q-3	B	Q-3	C
Q-4	C	Q-4		Q-4	B	Q-4	A	Q-4	A
Q-5	B	Q-5		Q-5	A	Q-5	C	Q-5	A
Q-6	B	Q-6		Q-6	C	Q-6	A	Q-6	C
Q-7	A					Q-7	A		
Q-8	C								
Q-9A									
Q-9B	B								

Results:

Wildlife Habitat	Wetland provides habitat for some wildlife species
Fish Habitat	Fish habitat was not assessed for this wetland
Water Quality	Wetland's water-quality function is intact
Hydrologic Control	Wetland's hydrologic control function is intact
Sensitivity to Impact	Wetland is potentially sensitive to future impacts

Function and Condition Assessment Answers:

Enhancement Potential		Education		Recreation		Aesthetic Quality	
Q	A	Q	A	Q	A	Q	A
Q-1	A	Q-1	C	Q-1	B	Q-1	B
Q-2	C	Q-2	A	Q-2	C	Q-2	A
Q-3		Q-3	B	Q-3	C	Q-3	C
Q-4	B	Q-4	C	Q-4	B	Q-4	C
Q-5B	B	Q-5	B	Q-5	B	Q-5	A
Q-6	B	Q-6	B	Q-6	B	Q-6	A

Results:

Enhancement Potential	Wetland has high enhancement potential
Education	Wetland site is not appropriate for educational use
Recreation	Wetland has the potential to provide recreational activities
Aesthetic Quality	Wetland is not aesthetically pleasing

Oregon Freshwater Wetland Assessment Methodology
Functions and Conditions Summary Sheet

Project:	Bandon Local Wetland Inventory	**Wetland:**	**JOH-10**
Location:	Coos County	**Approx. Area (acres):**	0.50
Date:	3/27/02	**Wetland Types(s):**	PSS, PEM

Result:	**Wetland provides habitat for some wildlife species**	
Rationale:	More than one Cowardin class	No adjacent Water Quality limited streams
	Herbaceous vegetation, no ponding	Adjacent land is mostly developed
	Less than 0.5 acres of open water	Wetland buffer is between 10% and 40%
Result:	**Fish habitat was not assessed for this wetland**	
Rationale:		
Result:	**Wetland's water-quality function is intact**	
Rationale:	Primary water source is precipitation	Surface water connection to other wetlands
	Wetland floods/ponds in growing season	Adjacent land is mostly developed
	High wetland vegetation cover	No adjacent Water Quality Limited streams
Result:	**Wetland's hydrologic control function is intact**	
Rationale:	Wetland is not within 100 year floodplain	Herbaceous vegetation, no ponding
	Wetland floods/ponds in growing season	Development downslope of wetland
	Flow out of wetland is restricted	Development upslope of wetland
Result:	**Wetland is potentially sensitive to future impacts**	
Rationale:	Stream not modified	Adjacent land is mostly developed
	Water is taken out or isolated wetland	Adjacent zoning is primarily development
	No adjacent Water Quality Limited streams	Herbaceous vegetation, no ponding
Result:	**Wetland has high enhancement potential**	
Rationale:	Wetland functions are impacted or degraded	Wetland is between 0.5 and 5 acres
	Primary water source is precipitation	Wetland buffer is between 10% and 40%
	Water flow is permanently restricted	Potentially sensitive to future impacts
Result:	**Wetland site is not appropriate for educational use**	
Rationale:	No access allowed to wetland	Unmaintained public access within 250 feet
	No visible hazards to public	Wetland is not limited mobility accessible
	No access or observation of other habitats	
Result:	**Wetland has the potential to provide recreational activities**	
Rationale:	Unmaintained public access within 250 feet	Wetland provides habitat for some wildlife
	No boat launching can be developed	No fishing is allowed
	No trails or viewing areas exist	No hunting is allowed
Result:	**Wetland is not aesthetically pleasing**	
Rationale:	Two Cowardin classes visible	Wetland surrounded by development
	>50% of wetland can be seen	Natural odors present at wetland
	Visual detractors present, can't be removed	Some traffic and natural noises are present

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	Bandon Local Wetland Inventory	**Wetland:**	**JOH-11**
Project Location:	Coos County	**Wetland Type(s):**	PSS, PEM

Date(s) of field work:	9/24/02	**Approx. Area (acres):**	0.52
Onsite Assessment?:	YES	**Investigator(s):**	SE/ME
Wetland Location:	East of Golf Fairway Court		

Function and Condition Assessment Answers:

Wildlife Habitat		Fish Habitat		Water Quality		Hydrologic Control		Sensitivity to Impact	
Q	A	Q	A	Q	A	Q	A	Q	A
Q-1	A	Q-1	C	Q-1	B	Q-1	B	Q-1	A
Q-2	C	Q-2	C	Q-2	A	Q-2	A	Q-2	B
Q-3	B	Q-3	C	Q-3	A	Q-3	B	Q-3	A
Q-4	C	Q-4	C	Q-4	B	Q-4	A	Q-4	A
Q-5	A	Q-5	C	Q-5	A	Q-5	C	Q-5	A
Q-6	A	Q-6	B	Q-6	A	Q-6	A	Q-6	C
Q-7	C					Q-7	A		
Q-8	C								
Q-9A									
Q-9B	B								

Results:

Wildlife Habitat	Wetland provides habitat for some wildlife species
Fish Habitat	Wetland's fish habitat function is impacted or degraded
Water Quality	Wetland's water-quality function is intact
Hydrologic Control	Wetland's hydrologic control function is intact
Sensitivity to Impact	Wetland is potentially sensitive to future impacts

Function and Condition Assessment Answers:

Enhancement Potential		Education		Recreation		Aesthetic Quality	
Q	A	Q	A	Q	A	Q	A
Q-1	A	Q-1	C	Q-1	A	Q-1	A
Q-2	C	Q-2	A	Q-2	C	Q-2	B
Q-3		Q-3	B	Q-3	C	Q-3	C
Q-4	B	Q-4	B	Q-4	B	Q-4	C
Q-5B	B	Q-5	A	Q-5	B	Q-5	A
Q-6	B	Q-6	A	Q-6	B	Q-6	A

Results:

Enhancement Potential	Wetland has high enhancement potential
Education	Wetland site is not appropriate for educational use
Recreation	Wetland has the potential to provide recreational activities
Aesthetic Quality	Wetland is not aesthetically pleasing

Oregon Freshwater Wetland Assessment Methodology
Functions and Conditions Summary Sheet

Project:	Bandon Local Wetland Inventory	**Wetland:**	**JOH-11**
Location:	Coos County	**Approx. Area (acres):**	0.52
Date:	9/24/02	**Wetland Types(s):**	PSS, PEM

Result:	**Wetland provides habitat for some wildlife species**	
Rationale:	More than one Cowardin class	Adjacent Water Quality limited stream
	Herbaceous vegetation, no ponding	Adjacent land is mostly developed
	Less than 0.5 acres of open water	Wetland buffer is between 10% and 40%
Result:	**Wetland's fish habitat function is impacted or degraded**	
Rationale:	Less than 25% of stream is shaded	Adjacent Water Quality Limited stream
	Stream banks are extensively modified	Adjacent land is mostly developed
	<10% of stream has instream structures	Warmwater fish present in stream
Result:	**Wetland's water-quality function is intact**	
Rationale:	Primary water source is precipitation	Surface water connection to other wetlands
	Wetland floods/ponds in growing season	Adjacent land is mostly developed
	High wetland vegetation cover	Adjacent Water Quality Limited stream
Result:	**Wetland's hydrologic control function is intact**	
Rationale:	Wetland is not within 100 year floodplain	Herbaceous vegetation, no ponding
	Wetland floods/ponds in growing season	Development downslope of wetland
	Flow out of wetland is restricted	Development upslope of wetland
Result:	**Wetland is potentially sensitive to future impacts**	
Rationale:	Stream modified or isolated wetland	Adjacent land is mostly developed
	Water not taken out	Adjacent zoning is primarily development
	Adjacent Water Quality Limited stream	Herbaceous vegetation, no ponding
Result:	**Wetland has high enhancement potential**	
Rationale:	Wetland functions are impacted or degraded	Wetland is between 0.5 and 5 acres
	Primary water source is precipitation	Wetland buffer is between 10% and 40%
	Water flow is permanently restricted	Potentially sensitive to future impacts
Result:	**Wetland site is not appropriate for educational use**	
Rationale:	No access allowed to wetland	Maintained public access within 250 feet
	No visible hazards to public	Wetland is limited mobility accessible
	Other habitats can be observed not accessed	
Result:	**Wetland has the potential to provide recreational activities**	
Rationale:	Maintained public access within 250 feet	Wetland provides habitat for some wildlife
	No boat launching can be developed	No fishing is allowed
	No trails or viewing areas exist	No hunting is allowed
Result:	**Wetland is not aesthetically pleasing**	
Rationale:	More than two Cowardin classes are visible	Wetland surrounded by development
	25 - 50% of wetland can be seen	Natural odors present at wetland
	Visual detractors present, can't be removed	Some traffic and natural noises are present

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	Bandon Local Wetland Inventory	**Wetland:**	**JOH-12**
Project Location:	Coos County	**Wetland Type(s):**	PSS

Date(s) of field work:	OFF-SITE	**Approx. Area (acres):**	0.62
Onsite Assessment?:	NO	**Investigator(s):**	PF, JVS
Wetland Location:	South of Seabird Drive, west of Beach Loop Road		

Function and Condition Assessment Answers:

Wildlife Habitat		Fish Habitat		Water Quality		Hydrologic Control		Sensitivity to Impact	
Q	A	Q	A	Q	A	Q	A	Q	A
Q-1	B	Q-1		Q-1	B	Q-1	B	Q-1	A
Q-2	A	Q-2		Q-2	A	Q-2	A	Q-2	A
Q-3	C	Q-3		Q-3	B	Q-3	C	Q-3	C
Q-4	C	Q-4		Q-4	C	Q-4	C	Q-4	A
Q-5	B	Q-5		Q-5	A	Q-5	A	Q-5	A
Q-6	B	Q-6		Q-6	C	Q-6	C	Q-6	A
Q-7	A					Q-7	A		
Q-8	C								
Q-9A									
Q-9B	B								

Results:

Wildlife Habitat	Wetland provides habitat for some wildlife species
Fish Habitat	Fish habitat was not assessed for this wetland
Water Quality	Wetland's water-quality function is impacted or degraded
Hydrologic Control	Wetland's hydrologic control is impacted or degraded
Sensitivity to Impact	Wetland is potentially sensitive to future impacts

Function and Condition Assessment Answers:

Enhancement Potential		Education		Recreation		Aesthetic Quality	
Q	A	Q	A	Q	A	Q	A
Q-1	A	Q-1	C	Q-1	C	Q-1	C
Q-2	C	Q-2	B	Q-2	C	Q-2	A
Q-3		Q-3	B	Q-3	C	Q-3	A
Q-4	C	Q-4	B	Q-4	B	Q-4	B
Q-5B	B	Q-5	C	Q-5	B	Q-5	A
Q-6	B	Q-6	B	Q-6	B	Q-6	A

Results:

Enhancement Potential	Wetland has moderate potential for enhancement
Education	Wetland site is not appropriate for educational use
Recreation	Wetland is not appropriate or does not provide rec. opportunities
Aesthetic Quality	Wetland is considered to be pleasing

Oregon Freshwater Wetland Assessment Methodology
Functions and Conditions Summary Sheet

Project:	Bandon Local Wetland Inventory	**Wetland:**	**JOH-12**
Location:	Coos County	**Approx. Area (acres):**	0.62
Date:	OFF-SITE	**Wetland Types(s):**	PSS

Result:	**Wetland provides habitat for some wildlife species**	
Rationale:	One Cowardin class with > 5 species	No adjacent Water Quality limited streams
	Dominated by woody vegetation	Adjacent land is mostly developed
	Less than 0.5 acres of open water	Wetland buffer is between 10% and 40%
Result:	**Fish habitat was not assessed for this wetland**	
Rationale:		
Result:	**Wetland's water-quality function is impacted or degraded**	
Rationale:	Primary water source is precipitation	Isolated from other wetlands
	Wetland floods/ponds in growing season	Adjacent land is mostly developed
	Moderate vegetation cover	No adjacent Water Quality Limited streams
Result:	**Wetland's hydrologic control is impacted or degraded**	
Rationale:	Wetland is not within 100 year floodplain	Dominated by woody vegetation
	Wetland floods/ponds in growing season	Open space downslope of development
	Water has unrestricted flow out of wetland	Development upslope of wetland
Result:	**Wetland is potentially sensitive to future impacts**	
Rationale:	Stream modified or isolated wetland	Adjacent land is mostly developed
	Water is taken out or isolated wetland	Adjacent zoning is primarily development
	No adjacent Water Quality Limited streams	Dominated by woody vegetation
Result:	**Wetland has moderate potential for enhancement**	
Rationale:	Wetland functions are impacted or degraded	Wetland is less than 0.5 acres
	Primary water source is precipitation	Wetland buffer is between 10% and 40%
	Water flow is permanently restricted	Potentially sensitive to future impacts
Result:	**Wetland site is not appropriate for educational use**	
Rationale:	No access allowed to wetland	No access point to wetland exists
	1 or 2 visible safety hazards	Wetland is not limited mobility accessible
	Other habitats can be observed not accessed	
Result:	**Wetland is not appropriate or does not provide rec. opportunities**	
Rationale:	No access point to wetland exists	Wetland provides habitat for some wildlife
	No boat launching can be developed	No fishing is allowed
	No trails or viewing areas exist	No hunting is allowed
Result:	**Wetland is considered to be pleasing**	
Rationale:	One Cowardin class is visible	Wetland surrounded by landscaped areas
	>50% of wetland can be seen	Natural odors present at wetland
	No visual detractors are present	Some traffic and natural noises are present

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	Bandon Local Wetland Inventory	**Wetland:**	**JOH-13**
Project Location:	Coos County	**Wetland Type(s):**	PSS

Date(s) of field work:	OFF-SITE	**Approx. Area (acres):**	0.50
Onsite Assessment?:	NO	**Investigator(s):**	PF, JVS
Wetland Location:	East of Beach Loop Road, opposite Polaris Lane		

Function and Condition Assessment Answers:

Wildlife Habitat		Fish Habitat		Water Quality		Hydrologic Control		Sensitivity to Impact	
Q	A	Q	A	Q	A	Q	A	Q	A
Q-1	C	Q-1		Q-1	B	Q-1	B	Q-1	A
Q-2	A	Q-2		Q-2	B	Q-2	B	Q-2	A
Q-3	C	Q-3		Q-3	B	Q-3	C	Q-3	C
Q-4	C	Q-4		Q-4	C	Q-4	C	Q-4	B
Q-5	B	Q-5		Q-5	B	Q-5	A	Q-5	A
Q-6	B	Q-6		Q-6	C	Q-6	A	Q-6	A
Q-7	A					Q-7	B		
Q-8	B								
Q-9A									
Q-9B	A								

Results:

Wildlife Habitat	Wetland provides habitat for some wildlife species
Fish Habitat	Fish habitat was not assessed for this wetland
Water Quality	Wetland's water-quality function is impacted or degraded
Hydrologic Control	Wetland's hydrologic control is impacted or degraded
Sensitivity to Impact	Wetland is potentially sensitive to future impacts

Function and Condition Assessment Answers:

Enhancement Potential		Education		Recreation		Aesthetic Quality	
Q	A	Q	A	Q	A	Q	A
Q-1	A	Q-1	C	Q-1	C	Q-1	C
Q-2	C	Q-2	B	Q-2	C	Q-2	A
Q-3		Q-3	B	Q-3	C	Q-3	B
Q-4	C	Q-4	B	Q-4	B	Q-4	A
Q-5B	A	Q-5	C	Q-5	B	Q-5	A
Q-6	B	Q-6	B	Q-6	B	Q-6	A

Results:

Enhancement Potential	Wetland has moderate potential for enhancement
Education	Wetland site is not appropriate for educational use
Recreation	Wetland is not appropriate or does not provide rec. opportunities
Aesthetic Quality	Wetland is considered to be pleasing

Oregon Freshwater Wetland Assessment Methodology
Functions and Conditions Summary Sheet

Project:	Bandon Local Wetland Inventory	**Wetland:**	**JOH-13**
Location:	Coos County	**Approx. Area (acres):**	0.50
Date:	OFF-SITE	**Wetland Types(s):**	PSS

Result:	**Wetland provides habitat for some wildlife species**	
Rationale:	One Class with less than 5 species	No adjacent Water Quality limited streams
	Dominated by woody vegetation	Adjacent land use is primarily agriculture
	Less than 0.5 acres of open water	Wetland buffer is greater than 40%
Result:	**Fish habitat was not assessed for this wetland**	
Rationale:		
Result:	**Wetland's water-quality function is impacted or degraded**	
Rationale:	Primary water source is precipitation	Isolated from other wetlands
	Can't determine if wetland floods or ponds	Adjacent land use is primarily agriculture
	Moderate vegetation cover	No adjacent Water Quality Limited streams
Result:	**Wetland's hydrologic control is impacted or degraded**	
Rationale:	Wetland is not within 100 year floodplain	Dominated by woody vegetation
	Can't determine if wetland floods or ponds	Development downslope of wetland
	Water has unrestricted flow out of wetland	Agriculture upslope of wetland
Result:	**Wetland is potentially sensitive to future impacts**	
Rationale:	Stream modified or isolated wetland	Adjacent land use is primarily agriculture
	Water is taken out or isolated wetland	Adjacent zoning is primarily development
	No adjacent Water Quality Limited streams	Dominated by woody vegetation
Result:	**Wetland has moderate potential for enhancement**	
Rationale:	Wetland functions are impacted or degraded	Wetland is less than 0.5 acres
	Primary water source is precipitation	Wetland buffer is greater than 40%
	Water flow is permanently restricted	Potentially sensitive to future impacts
Result:	**Wetland site is not appropriate for educational use**	
Rationale:	No access allowed to wetland	No access point to wetland exists
	1 or 2 visible safety hazards	Wetland is not limited mobility accessible
	Other habitats can be observed not accessed	
Result:	**Wetland is not appropriate or does not provide rec. opportunities**	
Rationale:	No access point to wetland exists	Wetland provides habitat for some wildlife
	No boat launching can be developed	No fishing is allowed
	No trails or viewing areas exist	No hunting is allowed
Result:	**Wetland is considered to be pleasing**	
Rationale:	One Cowardin class is visible	Wetland surrounded by natural areas
	>50% of wetland can be seen	Natural odors present at wetland
	Visual detractors present, can be removed	Some traffic and natural noises are present

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	Bandon Local Wetland Inventory	**Wetland:**	**JOH-14**
Project Location:	Coos County	**Wetland Type(s):**	PEM

Date(s) of field work:	OFF-SITE	**Approx. Area (acres):**	0.44
Onsite Assessment?:	NO	**Investigator(s):**	PF, JVS
Wetland Location:	East of Beach Loop Road, opposite Mars Lane		

Function and Condition Assessment Answers:

Wildlife Habitat		Fish Habitat		Water Quality		Hydrologic Control		Sensitivity to Impact	
Q	A	Q	A	Q	A	Q	A	Q	A
Q-1	C	Q-1		Q-1	B	Q-1	B	Q-1	A
Q-2	C	Q-2		Q-2	A	Q-2	A	Q-2	A
Q-3	C	Q-3		Q-3	C	Q-3	C	Q-3	C
Q-4	C	Q-4		Q-4	C	Q-4	C	Q-4	B
Q-5	B	Q-5		Q-5	B	Q-5	C	Q-5	A
Q-6	B	Q-6		Q-6	C	Q-6	A	Q-6	C
Q-7	A					Q-7	B		
Q-8	B								
Q-9A									
Q-9B	B								

Results:

Wildlife Habitat	Wetland provides habitat for some wildlife species
Fish Habitat	Fish habitat was not assessed for this wetland
Water Quality	Wetland's water-quality function is impacted or degraded
Hydrologic Control	Wetland's hydrologic control is impacted or degraded
Sensitivity to Impact	Wetland is potentially sensitive to future impacts

Function and Condition Assessment Answers:

Enhancement Potential		Education		Recreation		Aesthetic Quality	
Q	A	Q	A	Q	A	Q	A
Q-1	A	Q-1	C	Q-1	C	Q-1	C
Q-2	C	Q-2	B	Q-2	C	Q-2	A
Q-3		Q-3	B	Q-3	C	Q-3	B
Q-4	C	Q-4	B	Q-4	B	Q-4	A
Q-5B	B	Q-5	C	Q-5	B	Q-5	A
Q-6	B	Q-6	B	Q-6	B	Q-6	A

Results:

Enhancement Potential	Wetland has moderate potential for enhancement
Education	Wetland site is not appropriate for educational use
Recreation	Wetland is not appropriate or does not provide rec. opportunities
Aesthetic Quality	Wetland is considered to be pleasing

Oregon Freshwater Wetland Assessment Methodology
Functions and Conditions Summary Sheet

Project:	Bandon Local Wetland Inventory	**Wetland:**	**JOH-14**
Location:	Coos County	**Approx. Area (acres):**	0.44
Date:	OFF-SITE	**Wetland Types(s):**	PEM

Result:	**Wetland provides habitat for some wildlife species**	
Rationale:	One Class with less than 5 species	No adjacent Water Quality limited streams
	Herbaceous vegetation, no ponding	Adjacent land use is primarily agriculture
	Less than 0.5 acres of open water	Wetland buffer is between 10% and 40%
Result:	**Fish habitat was not assessed for this wetland**	
Rationale:		
Result:	**Wetland's water-quality function is impacted or degraded**	
Rationale:	Primary water source is precipitation	Isolated from other wetlands
	Wetland floods/ponds in growing season	Adjacent land use is primarily agriculture
	Low vegetation cover	No adjacent Water Quality Limited streams
Result:	**Wetland's hydrologic control is impacted or degraded**	
Rationale:	Wetland is not within 100 year floodplain	Herbaceous vegetation, no ponding
	Wetland floods/ponds in growing season	Development downslope of wetland
	Water has unrestricted flow out of wetland	Agriculture upslope of wetland
Result:	**Wetland is potentially sensitive to future impacts**	
Rationale:	Stream modified or isolated wetland	Adjacent land use is primarily agriculture
	Water is taken out or isolated wetland	Adjacent zoning is primarily development
	No adjacent Water Quality Limited streams	Herbaceous vegetation, no ponding
Result:	**Wetland has moderate potential for enhancement**	
Rationale:	Wetland functions are impacted or degraded	Wetland is less than 0.5 acres
	Primary water source is precipitation	Wetland buffer is between 10% and 40%
	Water flow is permanently restricted	Potentially sensitive to future impacts
Result:	**Wetland site is not appropriate for educational use**	
Rationale:	No access allowed to wetland	No access point to wetland exists
	1 or 2 visible safety hazards	Wetland is not limited mobility accessible
	Other habitats can be observed not accessed	
Result:	**Wetland is not appropriate or does not provide rec. opportunities**	
Rationale:	No access point to wetland exists	Wetland provides habitat for some wildlife
	No boat launching can be developed	No fishing is allowed
	No trails or viewing areas exist	No hunting is allowed
Result:	**Wetland is considered to be pleasing**	
Rationale:	One Cowardin class is visible	Wetland surrounded by natural areas
	>50% of wetland can be seen	Natural odors present at wetland
	Visual detractors present, can be removed	Some traffic and natural noises are present

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	Bandon Local Wetland Inventory	**Wetland:**	**JOH-15**
Project Location:	Coos County	**Wetland Type(s):**	PEM, PSS, PFO
Date(s) of field work:	OFF-SITE	**Approx. Area (acres):**	1.74
Onsite Assessment?:	NO	**Investigator(s):**	PF, JVS
Wetland Location:	West of Hwy. 101		

Function and Condition Assessment Answers:

Wildlife Habitat		Fish Habitat		Water Quality		Hydrologic Control		Sensitivity to Impact	
Q	**A**	**Q**	**A**	**Q**	**A**	**Q**	**A**	**Q**	**A**
Q-1	**A**	Q-1	**A**	Q-1	**B**	Q-1	**B**	Q-1	**B**
Q-2	**A**	Q-2	**B**	Q-2	**B**	Q-2	**B**	Q-2	**B**
Q-3	**B**	Q-3	**C**	Q-3	**A**	Q-3	**B**	Q-3	**C**
Q-4	**C**	Q-4	**A**	Q-4	**B**	Q-4	**C**	Q-4	**B**
Q-5	**A**	Q-5	**B**	Q-5	**B**	Q-5	**A**	Q-5	**A**
Q-6	**A**	Q-6	**B**	Q-6	**C**	Q-6	**C**	Q-6	**A**
Q-7	**A**					Q-7	**B**		
Q-8	**B**								
Q-9A									
Q-9B	**A**								

Results:

Wildlife Habitat	Wetland provides diverse wildlife habitat
Fish Habitat	Wetland's fish habitat function is impacted or degraded
Water Quality	Wetland's water-quality function is impacted or degraded
Hydrologic Control	Wetland's hydrologic control is impacted or degraded
Sensitivity to Impact	Wetland is potentially sensitive to future impacts

Function and Condition Assessment Answers:

Enhancement Potential		Education		Recreation		Aesthetic Quality	
Q	**A**	**Q**	**A**	**Q**	**A**	**Q**	**A**
Q-1		Q-1	**C**	Q-1	**C**	Q-1	**A**
Q-2		Q-2	**B**	Q-2	**C**	Q-2	**C**
Q-3		Q-3	**A**	Q-3	**C**	Q-3	**A**
Q-4		Q-4	**B**	Q-4	**A**	Q-4	**A**
Q-5B		Q-5	**C**	Q-5	**B**	Q-5	**A**
Q-6		Q-6	**B**	Q-6	**B**	Q-6	**A**

Results:

Enhancement Potential	Due to diverse wildlife habitat, this wetland cannot be enhanced
Education	Wetland site is not appropriate for educational use
Recreation	Wetland is not appropriate or does not provide rec. opportunities
Aesthetic Quality	Wetland is considered to be pleasing

Oregon Freshwater Wetland Assessment Methodology
Functions and Conditions Summary Sheet

Project:	Bandon Local Wetland Inventory	**Wetland:**	**JOH-15**
Location:	Coos County	**Approx. Area (acres):**	1.74
Date:	OFF-SITE	**Wetland Types(s):**	PEM, PSS, PFO

Result:	**Wetland provides diverse wildlife habitat**	
Rationale:	More than one Cowardin class	No adjacent Water Quality limited streams
	Dominated by woody vegetation	Adjacent land use is primarily agriculture
	Less than 0.5 acres of open water	Wetland buffer is greater than 40%
Result:	**Wetland's fish habitat function is impacted or degraded**	
Rationale:	50% or more of stream is shaded	No adjacent Water Quality Limited streams
	Only portions of stream are modified	Adjacent land use is primarily agriculture
	<10% of stream has instream structures	Warmwater fish present in stream
Result:	**Wetland's water-quality function is impacted or degraded**	
Rationale:	Primary water source is precipitation	Surface water connection to other wetlands
	Can't determine if wetland floods or ponds	Adjacent land use is primarily agriculture
	High wetland vegetation cover	No adjacent Water Quality Limited streams
Result:	**Wetland's hydrologic control is impacted or degraded**	
Rationale:	Wetland is not within 100 year floodplain	Dominated by woody vegetation
	Can't determine if wetland floods or ponds	Open space downslope of development
	Water has unrestricted flow out of wetland	Agriculture upslope of wetland
Result:	**Wetland is potentially sensitive to future impacts**	
Rationale:	Stream not modified	Adjacent land use is primarily agriculture
	Water not taken out	Adjacent zoning is primarily development
	No adjacent Water Quality Limited streams	Dominated by woody vegetation
Result:	**Due to diverse wildlife habitat, this wetland cannot be enhanced**	
Rationale:		
Result:	**Wetland site is not appropriate for educational use**	
Rationale:	No access allowed to wetland	No access point to wetland exists
	1 or 2 visible safety hazards	Wetland is not limited mobility accessible
	Other habitats can be observed not accessed	
Result:	**Wetland is not appropriate or does not provide rec. opportunities**	
Rationale:	No access point to wetland exists	Wetland provides diverse wildlife habitat
	No boat launching can be developed	No fishing is allowed
	No trails or viewing areas exist	No hunting is allowed
Result:	**Wetland is considered to be pleasing**	
Rationale:	More than two Cowardin classes are visible	Wetland surrounded by natural areas
	Less than 25% of wetland can be seen	Natural odors present at wetland
	No visual detractors are present	Some traffic and natural noises are present

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	Bandon Local Wetland Inventory	**Wetland:**	**JOH-16**
Project Location:	Coos County	**Wetland Type(s):**	PEM, PSS, POWx

Date(s) of field work:	OFF-SITE	**Approx. Area (acres):**	1.22
Onsite Assessment?:	NO	**Investigator(s):**	PF, JVS
Wetland Location:	West of Hwy. 101, south of Oceanspray property		

Function and Condition Assessment Answers:

Wildlife Habitat		Fish Habitat		Water Quality		Hydrologic Control		Sensitivity to Impact	
Q	A	Q	A	Q	A	Q	A	Q	A
Q-1	A	Q-1	B	Q-1	A	Q-1	B	Q-1	A
Q-2	B	Q-2	A	Q-2	A	Q-2	A	Q-2	B
Q-3	B	Q-3	A	Q-3	A	Q-3	B	Q-3	C
Q-4	C	Q-4	A	Q-4	B	Q-4	B	Q-4	B
Q-5	A	Q-5	B	Q-5	B	Q-5	B	Q-5	A
Q-6	A	Q-6	B	Q-6	C	Q-6	C	Q-6	B
Q-7	A					Q-7	B		
Q-8	B								
Q-9A									
Q-9B	B								

Results:

Wildlife Habitat	Wetland provides diverse wildlife habitat
Fish Habitat	Wetland's fish habitat function is intact
Water Quality	Wetland's water-quality function is intact
Hydrologic Control	Wetland's hydrologic control is impacted or degraded
Sensitivity to Impact	Wetland is potentially sensitive to future impacts

Function and Condition Assessment Answers:

Enhancement Potential		Education		Recreation		Aesthetic Quality	
Q	A	Q	A	Q	A	Q	A
Q-1		Q-1	B	Q-1	C	Q-1	A
Q-2		Q-2	B	Q-2	C	Q-2	B
Q-3		Q-3	A	Q-3	C	Q-3	A
Q-4		Q-4	B	Q-4	A	Q-4	A
Q-5B		Q-5	C	Q-5	B	Q-5	A
Q-6		Q-6	A	Q-6	B	Q-6	B

Results:

Enhancement Potential	Due to diverse wildlife habitat, this wetland cannot be enhanced
Education	Wetland has potential for educational use
Recreation	Wetland is not appropriate or does not provide rec. opportunities
Aesthetic Quality	Wetland is considered to be pleasing

Oregon Freshwater Wetland Assessment Methodology
Functions and Conditions Summary Sheet

Project:	Bandon Local Wetland Inventory	**Wetland:**	**JOH-16**
Location:	Coos County	**Approx. Area (acres):**	1.22
Date:	OFF-SITE	**Wetland Types(s):**	PEM, PSS, POWx

Result:	**Wetland provides diverse wildlife habitat**	
Rationale:	More than one Cowardin class	No adjacent Water Quality limited streams
	Herbaceous vegetation & ponding	Adjacent land use is primarily agriculture
	Less than 0.5 acres of open water	Wetland buffer is between 10% and 40%
Result:	**Wetland's fish habitat function is intact**	
Rationale:	25-50% of stream is shaded	No adjacent Water Quality Limited streams
	Stream is in a natural channel	Adjacent land use is primarily agriculture
	>25% of stream has instream structures	Warmwater fish present in stream
Result:	**Wetland's water-quality function is intact**	
Rationale:	Primary water source is surface flow	Surface water connection to other wetlands
	Wetland floods/ponds in growing season	Adjacent land use is primarily agriculture
	High wetland vegetation cover	No adjacent Water Quality Limited streams
Result:	**Wetland's hydrologic control is impacted or degraded**	
Rationale:	Wetland is not within 100 year floodplain	Herbaceous vegetation & ponding
	Wetland floods/ponds in growing season	Open space downslope of development
	Minor restrictions slow down the water	Agriculture upslope of wetland
Result:	**Wetland is potentially sensitive to future impacts**	
Rationale:	Stream modified or isolated wetland	Adjacent land use is primarily agriculture
	Water not taken out	Adjacent zoning is primarily development
	No adjacent Water Quality Limited streams	Herbaceous vegetation & ponding
Result:	**Due to diverse wildlife habitat, this wetland cannot be enhanced**	
Rationale:		
Result:	**Wetland has potential for educational use**	
Rationale:	Wetland access by landowner permission	No access point to wetland exists
	1 or 2 visible safety hazards	Wetland is limited mobility accessible
	Other habitats can be observed not accessed	
Result:	**Wetland is not appropriate or does not provide rec. opportunities**	
Rationale:	No access point to wetland exists	Wetland provides diverse wildlife habitat
	No boat launching can be developed	No fishing is allowed
	No trails or viewing areas exist	No hunting is allowed
Result:	**Wetland is considered to be pleasing**	
Rationale:	More than two Cowardin classes are visible	Wetland surrounded by natural areas
	25 - 50% of wetland can be seen	Natural odors present at wetland
	No visual detractors are present	Continuous traffic and natural noises occur

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	Bandon Local Wetland Inventory	**Wetland:**	**JOH-17**
Project Location:	Coos County	**Wetland Type(s):**	PEM

Date(s) of field work:	OFF-SITE	**Approx. Area (acres):**	3.59
Onsite Assessment?:	NO	**Investigator(s):**	PF, JVS
Wetland Location:	East of Hwy. 101, west of Airport		

Function and Condition Assessment Answers:

Wildlife Habitat		Fish Habitat		Water Quality		Hydrologic Control		Sensitivity to Impact	
Q	A	Q	A	Q	A	Q	A	Q	A
Q-1	C	Q-1		Q-1	B	Q-1	B	Q-1	B
Q-2	C	Q-2		Q-2	A	Q-2	A	Q-2	B
Q-3	C	Q-3		Q-3	C	Q-3	B	Q-3	C
Q-4	C	Q-4		Q-4	B	Q-4	C	Q-4	A
Q-5	A	Q-5		Q-5	A	Q-5	C	Q-5	A
Q-6	A	Q-6		Q-6	C	Q-6	A	Q-6	C
Q-7	A					Q-7	A		
Q-8	C								
Q-9A									
Q-9B	C								

Results:

Wildlife Habitat	Wetland provides habitat for some wildlife species
Fish Habitat	Fish habitat was not assessed for this wetland
Water Quality	Wetland's water-quality function is impacted or degraded
Hydrologic Control	Wetland's hydrologic control is impacted or degraded
Sensitivity to Impact	Wetland is potentially sensitive to future impacts

Function and Condition Assessment Answers:

Enhancement Potential		Education		Recreation		Aesthetic Quality	
Q	A	Q	A	Q	A	Q	A
Q-1	A	Q-1	C	Q-1	C	Q-1	C
Q-2	C	Q-2	B	Q-2	C	Q-2	A
Q-3		Q-3	B	Q-3	C	Q-3	C
Q-4	B	Q-4	C	Q-4	B	Q-4	C
Q-5B	C	Q-5	C	Q-5	B	Q-5	B
Q-6	B	Q-6	B	Q-6	B	Q-6	B

Results:

Enhancement Potential	Wetland has moderate potential for enhancement
Education	Wetland site is not appropriate for educational use
Recreation	Wetland is not appropriate or does not provide rec. opportunities
Aesthetic Quality	Wetland is not aesthetically pleasing

Oregon Freshwater Wetland Assessment Methodology
Functions and Conditions Summary Sheet

Project:	Bandon Local Wetland Inventory	**Wetland:**	**JOH-17**
Location:	Coos County	**Approx. Area (acres):**	3.59
Date:	OFF-SITE	**Wetland Types(s):**	PEM

Result:	**Wetland provides habitat for some wildlife species**	
Rationale:	One Class with less than 5 species	No adjacent Water Quality limited streams
	Herbaceous vegetation, no ponding	Adjacent land is mostly developed
	Less than 0.5 acres of open water	Wetland buffer is less than 10%
Result:	**Fish habitat was not assessed for this wetland**	
Rationale:		
Result:	**Wetland's water-quality function is impacted or degraded**	
Rationale:	Primary water source is precipitation	Surface water connection to other wetlands
	Wetland floods/ponds in growing season	Adjacent land is mostly developed
	Low vegetation cover	No adjacent Water Quality Limited streams
Result:	**Wetland's hydrologic control is impacted or degraded**	
Rationale:	Wetland is not within 100 year floodplain	Herbaceous vegetation, no ponding
	Wetland floods/ponds in growing season	Development downslope of wetland
	Water has unrestricted flow out of wetland	Development upslope of wetland
Result:	**Wetland is potentially sensitive to future impacts**	
Rationale:	Stream not modified	Adjacent land is mostly developed
	Water not taken out	Adjacent zoning is primarily development
	No adjacent Water Quality Limited streams	Herbaceous vegetation, no ponding
Result:	**Wetland has moderate potential for enhancement**	
Rationale:	Wetland functions are impacted or degraded	Wetland is between 0.5 and 5 acres
	Primary water source is precipitation	Wetland buffer is less than 10%
	Water flow is permanently restricted	Potentially sensitive to future impacts
Result:	**Wetland site is not appropriate for educational use**	
Rationale:	No access allowed to wetland	No access point to wetland exists
	1 or 2 visible safety hazards	Wetland is not limited mobility accessible
	No access or observation of other habitats	
Result:	**Wetland is not appropriate or does not provide rec. opportunities**	
Rationale:	No access point to wetland exists	Wetland provides habitat for some wildlife
	No boat launching can be developed	No fishing is allowed
	No trails or viewing areas exist	No hunting is allowed
Result:	**Wetland is not aesthetically pleasing**	
Rationale:	One Cowardin class is visible	Wetland surrounded by development
	>50% of wetland can be seen	Unpleasant odors are present sometimes
	Visual detractors present, can't be removed	Continuous traffic and natural noises occur

Appendix E

Significant Wetland Determination Sheets



Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Bandon Local Wetland Inventory	**Wetland:**	**SIM-1**
Project Location:	Coos County	**Approx. Area (acres):**	2.36
Date:	OFF-SITE	**Wetland Types(s):**	PSS, PEM

Exclusions **: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and:		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

Mandatory Locally Significant Wetland Criteria **: This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat* ?	Yes	
2 Is the wetland's *fish habitat function intact* ?		No
3 Is the wetland's *water quality function intact* ?		No
4 Is the wetland's *hydrologic control function intact* ?		No
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list) and is the wetland's *water quality function intact, or impacted or degraded* ?	Yes	
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids and is the wetland's *fish habitat function intact, or impacted or degraded* ?		No
Mandatory Locally Significant Wetland criteria satisfied ?	**Yes**	

Optional Locally Significant Wetland Criteria **: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function* .		No
2 Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses* ?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Bandon Local Wetland Inventory	**Wetland:**	**SIM-2**
Project Location:	Coos County	**Approx. Area (acres):**	6.61
Date:	5/9/02	**Wetland Types(s):**	PSS, PEM, POW

Exclusions **: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and:		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

Mandatory Locally Significant Wetland Criteria **: This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat* ?	Yes	
2 Is the wetland's *fish habitat function intact* ?	Yes	
3 Is the wetland's *water quality function intact* ?		No
4 Is the wetland's *hydrologic control function intact* ?	Yes	
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list) and is the wetland's *water quality function intact, or impacted or degraded* ?		No
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids and is the wetland's *fish habitat function intact, or impacted or degraded* ?		No
Mandatory Locally Significant Wetland criteria satisfied ?	**Yes**	

Optional Locally Significant Wetland Criteria **: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function* .		No
2 Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses* ?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Bandon Local Wetland Inventory	**Wetland:**	**SIM-3**
Project Location:	Coos County	**Approx. Area (acres):**	0.19
Date:	5/8/02	**Wetland Types(s):**	PFO, PEM, POW

Exclusions **: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and:		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

Mandatory Locally Significant Wetland Criteria **: This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat* ?		No
2 Is the wetland's *fish habitat function intact* ?		No
3 Is the wetland's *water quality function intact* ?	Yes	
4 Is the wetland's *hydrologic control function intact* ?	Yes	
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list) and is the wetland's *water quality function intact, or impacted or degraded* ?		No
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids and is the wetland's *fish habitat function intact, or impacted or degraded* ?		No
Mandatory Locally Significant Wetland criteria satisfied ?	**Yes**	

Optional Locally Significant Wetland Criteria **: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function* .		No
2 Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses* ?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Bandon Local Wetland Inventory	**Wetland:**	**SIM-4**
Project Location:	Coos County	**Approx. Area (acres):**	0.38
Date:	OFF-SITE	**Wetland Types(s):**	PFO, PSS

Exclusions **: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and:		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

Mandatory Locally Significant Wetland Criteria **: This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat* ?		No
2 Is the wetland's *fish habitat function intact* ?	Yes	
3 Is the wetland's *water quality function intact* ?		No
4 Is the wetland's *hydrologic control function intact* ?		No
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list) and is the wetland's *water quality function intact, or impacted or degraded* ?	Yes	
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids and is the wetland's *fish habitat function intact, or impacted or degraded* ?		No
Mandatory Locally Significant Wetland criteria satisfied ?	**Yes**	

Optional Locally Significant Wetland Criteria **: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function* .		No
2 Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses* ?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Bandon Local Wetland Inventory	**Wetland:**	**SIM-5**
Project Location:	Coos County	**Approx. Area (acres):**	5.80
Date:	5/8/02	**Wetland Types(s):**	PFO, PEM

Exclusions **: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and:		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

Mandatory Locally Significant Wetland Criteria **: This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat* ?	Yes	
2 Is the wetland's *fish habitat function intact* ?		No
3 Is the wetland's *water quality function intact* ?		No
4 Is the wetland's *hydrologic control function intact* ?		No
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list) and is the wetland's *water quality function intact, or impacted or degraded* ?	Yes	
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids and is the wetland's *fish habitat function intact, or impacted or degraded* ?		No
Mandatory Locally Significant Wetland criteria satisfied ?	**Yes**	

Optional Locally Significant Wetland Criteria **: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function* .		No
2 Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses* ?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Bandon Local Wetland Inventory	**Wetland:**	**SIM-6**
Project Location:	Coos County	**Approx. Area (acres):**	1.17
Date:	OFF-SITE	**Wetland Types(s):**	PFO, PSS, PEM

Exclusions : **This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and:		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

Mandatory Locally Significant Wetland Criteria : **This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat* ?		No
2 Is the wetland's *fish habitat function intact* ?		No
3 Is the wetland's *water quality function intact* ?		No
4 Is the wetland's *hydrologic control function intact* ?	Yes	
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list) and is the wetland's *water quality function intact, or impacted or degraded* ?	Yes	
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids and is the wetland's *fish habitat function intact, or impacted or degraded* ?		No
Mandatory Locally Significant Wetland criteria satisfied ?	**Yes**	

Optional Locally Significant Wetland Criteria : **local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function* .		No
2 Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses* ?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Bandon Local Wetland Inventory	**Wetland:**	**FER-1**
Project Location:	Coos County	**Approx. Area (acres):**	42.49
Date:	10/2/2002, 4/1/02	**Wetland Types(s):**	PEM, PSS, PFO

Exclusions **: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and:		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

Mandatory Locally Significant Wetland Criteria **: This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat* ?	Yes	
2 Is the wetland's *fish habitat function intact* ?	Yes	
3 Is the wetland's *water quality function intact* ?	Yes	
4 Is the wetland's *hydrologic control function intact* ?	Yes	
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list) and is the wetland's *water quality function intact, or impacted or degraded* ?	Yes	
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids and is the wetland's *fish habitat function intact, or impacted or degraded* ?	Yes	
Mandatory Locally Significant Wetland criteria satisfied ?	**Yes**	

Optional Locally Significant Wetland Criteria **: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function* .		No
2 Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses* ?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Bandon Local Wetland Inventory	**Wetland:**	**FER-2**
Project Location:	Coos County	**Approx. Area (acres):**	0.44
Date:	9/24/02	**Wetland Types(s):**	PSS, PEM

Exclusions **: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and:		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

Mandatory Locally Significant Wetland Criteria **: This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat* ?		No
2 Is the wetland's *fish habitat function intact* ?		No
3 Is the wetland's *water quality function intact* ?		No
4 Is the wetland's *hydrologic control function intact* ?	Yes	
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list) and is the wetland's *water quality function intact, or impacted or degraded* ?		No
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids and is the wetland's *fish habitat function intact, or impacted or degraded* ?		No
Mandatory Locally Significant Wetland criteria satisfied ?	**Yes**	

Optional Locally Significant Wetland Criteria **: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function* .		No
2 Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses* ?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Bandon Local Wetland Inventory	**Wetland:**	**FER-3**
Project Location:	Coos County	**Approx. Area (acres):**	0.60
Date:	9/24/02	**Wetland Types(s):**	PFO, PSS, PEM

Exclusions **: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and:		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

Mandatory Locally Significant Wetland Criteria **: This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat* ?		No
2 Is the wetland's *fish habitat function intact* ?		No
3 Is the wetland's *water quality function intact* ?	Yes	
4 Is the wetland's *hydrologic control function intact* ?	Yes	
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list) and is the wetland's *water quality function intact, or impacted or degraded* ?		No
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids and is the wetland's *fish habitat function intact, or impacted or degraded* ?		No
Mandatory Locally Significant Wetland criteria satisfied ?	**Yes**	

Optional Locally Significant Wetland Criteria **: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function* .		No
2 Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses* ?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Bandon Local Wetland Inventory	**Wetland:**	**FER-4**
Project Location:	Coos County	**Approx. Area (acres):**	0.24
Date:	9/24/02	**Wetland Types(s):**	PFO, PSS, PEM

Exclusions **: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and:		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

Mandatory Locally Significant Wetland Criteria **: This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat* ?		No
2 Is the wetland's *fish habitat function intact* ?		No
3 Is the wetland's *water quality function intact* ?	Yes	
4 Is the wetland's *hydrologic control function intact* ?	Yes	
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list) and is the wetland's *water quality function intact, or impacted or degraded* ?		No
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids and is the wetland's *fish habitat function intact, or impacted or degraded* ?	Yes	
Mandatory Locally Significant Wetland criteria satisfied ?	**Yes**	

Optional Locally Significant Wetland Criteria **: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function* .		No
2 Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses* ?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Bandon Local Wetland Inventory	**Wetland:**	**FER-5**
Project Location:	Coos County	**Approx. Area (acres):**	1.02
Date:	OFF-SITE	**Wetland Types(s):**	PEM, PSS

Exclusions **: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and:		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

Mandatory Locally Significant Wetland Criteria **: This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat* ?		No
2 Is the wetland's *fish habitat function intact* ?		No
3 Is the wetland's *water quality function intact* ?		No
4 Is the wetland's *hydrologic control function intact* ?	Yes	
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list) and is the wetland's *water quality function intact, or impacted or degraded* ?		No
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids and is the wetland's *fish habitat function intact, or impacted or degraded* ?		No
Mandatory Locally Significant Wetland criteria satisfied ?	**Yes**	

Optional Locally Significant Wetland Criteria **: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function* .		No
2 Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses* ?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Bandon Local Wetland Inventory	**Wetland:**	**FER-6**
Project Location:	Coos County	**Approx. Area (acres):**	0.94
Date:	4/1/02	**Wetland Types(s):**	PEM, PSS

Exclusions **: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and:		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

Mandatory Locally Significant Wetland Criteria **: This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat* ?		No
2 Is the wetland's *fish habitat function intact* ?		No
3 Is the wetland's *water quality function intact* ?		No
4 Is the wetland's *hydrologic control function intact* ?		No
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list) and is the wetland's *water quality function intact, or impacted or degraded* ?		No
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids and is the wetland's *fish habitat function intact, or impacted or degraded* ?		No
Mandatory Locally Significant Wetland criteria satisfied ?		**No**

Optional Locally Significant Wetland Criteria **: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function* .		No
2 Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses* ?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Does not satisfy the criteria, Not a Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Bandon Local Wetland Inventory	**Wetland:**	**FER-7**
Project Location:	Coos County	**Approx. Area (acres):**	1.91
Date:	OFF-SITE	**Wetland Types(s):**	PEM

Exclusions **: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and:		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

Mandatory Locally Significant Wetland Criteria **: This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat* ?		No
2 Is the wetland's *fish habitat function intact* ?		No
3 Is the wetland's *water quality function intact* ?		No
4 Is the wetland's *hydrologic control function intact* ?		No
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list) and is the wetland's *water quality function intact, or impacted or degraded* ?		No
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids and is the wetland's *fish habitat function intact, or impacted or degraded* ?		No
Mandatory Locally Significant Wetland criteria satisfied ?		**No**

Optional Locally Significant Wetland Criteria **: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function* .		No
2 Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses* ?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Does not satisfy the criteria, Not a Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Bandon Local Wetland Inventory	Wetland:	FER-8
Project Location:	Coos County	Approx. Area (acres):	0.71
Date:	OFF-SITE	Wetland Types(s):	PSS, PEM

Exclusions : **This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and:		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

Mandatory Locally Significant Wetland Criteria : **This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat* ?		No
2 Is the wetland's *fish habitat function intact* ?		No
3 Is the wetland's *water quality function intact* ?		No
4 Is the wetland's *hydrologic control function intact* ?		No
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list) and is the wetland's *water quality function intact, or impacted or degraded* ?		No
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids and is the wetland's *fish habitat function intact, or impacted or degraded* ?		No
Mandatory Locally Significant Wetland criteria satisfied ?		**No**

Optional Locally Significant Wetland Criteria : **local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function* .		No
2 Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses* ?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Does not satisfy the criteria, Not a Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Bandon Local Wetland Inventory	**Wetland:**	**GRO-1**
Project Location:	Coos County	**Approx. Area (acres):**	1.36
Date:	OFF-SITE	**Wetland Types(s):**	PSS, PEM

Exclusions **: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and:		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

Mandatory Locally Significant Wetland Criteria **: This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat* ?		No
2 Is the wetland's *fish habitat function intact* ?		No
3 Is the wetland's *water quality function intact* ?		No
4 Is the wetland's *hydrologic control function intact* ?	Yes	
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list) and is the wetland's *water quality function intact, or impacted or degraded* ?	Yes	
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids and is the wetland's *fish habitat function intact, or impacted or degraded* ?		No
Mandatory Locally Significant Wetland criteria satisfied ?	**Yes**	

Optional Locally Significant Wetland Criteria **: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function* .		No
2 Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses* ?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Bandon Local Wetland Inventory	**Wetland:**	**GRO-2**
Project Location:	Coos County	**Approx. Area (acres):**	0.35
Date:	OFF-SITE	**Wetland Types(s):**	PFO, PSS, PEM

Exclusions **: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and:		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

Mandatory Locally Significant Wetland Criteria **: This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat* ?		No
2 Is the wetland's *fish habitat function intact* ?		No
3 Is the wetland's *water quality function intact* ?	Yes	
4 Is the wetland's *hydrologic control function intact* ?	Yes	
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list) and is the wetland's *water quality function intact, or impacted or degraded* ?		No
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids and is the wetland's *fish habitat function intact, or impacted or degraded* ?		No
Mandatory Locally Significant Wetland criteria satisfied ?	**Yes**	

Optional Locally Significant Wetland Criteria **: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function* .		No
2 Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses* ?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Bandon Local Wetland Inventory	**Wetland:**	**GRO-3**
Project Location:	Coos County	**Approx. Area (acres):**	10.96
Date:	2/13/02; 4/18/02; 9/24/02	**Wetland Types(s):**	PFO, PSS, PEM

Exclusions **: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and:		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

Mandatory Locally Significant Wetland Criteria **: This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat* ?		No
2 Is the wetland's *fish habitat function intact* ?		No
3 Is the wetland's *water quality function intact* ?	Yes	
4 Is the wetland's *hydrologic control function intact* ?	Yes	
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list) and is the wetland's *water quality function intact, or impacted or degraded* ?	Yes	
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids and is the wetland's *fish habitat function intact, or impacted or degraded* ?	Yes	
Mandatory Locally Significant Wetland criteria satisfied ?	**Yes**	

Optional Locally Significant Wetland Criteria **: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function* .		No
2 Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses* ?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Bandon Local Wetland Inventory	**Wetland:**	**GRO-4**
Project Location:	Coos County	**Approx. Area (acres):**	1.05
Date:	2/14/02	**Wetland Types(s):**	PFO

Exclusions **: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and:		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

Mandatory Locally Significant Wetland Criteria **: This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat* ?		No
2 Is the wetland's *fish habitat function intact* ?		No
3 Is the wetland's *water quality function intact* ?	Yes	
4 Is the wetland's *hydrologic control function intact* ?	Yes	
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list) and is the wetland's *water quality function intact, or impacted or degraded* ?		No
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids and is the wetland's *fish habitat function intact, or impacted or degraded* ?		No
Mandatory Locally Significant Wetland criteria satisfied ?	**Yes**	

Optional Locally Significant Wetland Criteria **: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function* .		No
2 Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses* ?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Bandon Local Wetland Inventory	**Wetland:**	**GRO-5**
Project Location:	Coos County	**Approx. Area (acres):**	0.46
Date:	1/16/02; 2/13/02	**Wetland Types(s):**	PEM

Exclusions **: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and:		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

Mandatory Locally Significant Wetland Criteria **: This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat* ?		No
2 Is the wetland's *fish habitat function intact* ?		No
3 Is the wetland's *water quality function intact* ?		No
4 Is the wetland's *hydrologic control function intact* ?		No
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list) and is the wetland's *water quality function intact, or impacted or degraded* ?		No
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids and is the wetland's *fish habitat function intact, or impacted or degraded* ?		No
Mandatory Locally Significant Wetland criteria satisfied ?		**No**

Optional Locally Significant Wetland Criteria **: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function* .		No
2 Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses* ?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Does not satisfy the criteria, Not a Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Bandon Local Wetland Inventory	**Wetland:**	**GRO-6**
Project Location:	Coos County	**Approx. Area (acres):**	0.55
Date:	9/24/02; 10/2/02	**Wetland Types(s):**	PFO, PSS, PEM

Exclusions **: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and:		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

Mandatory Locally Significant Wetland Criteria **: This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat* ?		No
2 Is the wetland's *fish habitat function intact* ?		No
3 Is the wetland's *water quality function intact* ?	Yes	
4 Is the wetland's *hydrologic control function intact* ?	Yes	
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list) and is the wetland's *water quality function intact, or impacted or degraded* ?	Yes	
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids and is the wetland's *fish habitat function intact, or impacted or degraded* ?		No
Mandatory Locally Significant Wetland criteria satisfied ?	**Yes**	

Optional Locally Significant Wetland Criteria **: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function* .		No
2 Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses* ?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Bandon Local Wetland Inventory	**Wetland:**	**GRO-7**
Project Location:	Coos County	**Approx. Area (acres):**	1.11
Date:	OFF-SITE	**Wetland Types(s):**	PSS, PEM

Exclusions **: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and:		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

Mandatory Locally Significant Wetland Criteria **: This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat* ?		No
2 Is the wetland's *fish habitat function intact* ?		No
3 Is the wetland's *water quality function intact* ?		No
4 Is the wetland's *hydrologic control function intact* ?		No
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list) and is the wetland's *water quality function intact, or impacted or degraded* ?		No
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids and is the wetland's *fish habitat function intact, or impacted or degraded* ?		No
Mandatory Locally Significant Wetland criteria satisfied ?		**No**

Optional Locally Significant Wetland Criteria **: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function* .		No
2 Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses* ?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Does not satisfy the criteria, Not a Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Bandon Local Wetland Inventory	**Wetland:**	**GRO-8**
Project Location:	Coos County	**Approx. Area (acres):**	0.19
Date:	OFF-SITE	**Wetland Types(s):**	PSS, PEM

Exclusions **: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and:		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

Mandatory Locally Significant Wetland Criteria **: This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat* ?		No
2 Is the wetland's *fish habitat function intact* ?		No
3 Is the wetland's *water quality function intact* ?	Yes	
4 Is the wetland's *hydrologic control function intact* ?		No
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list) and is the wetland's *water quality function intact, or impacted or degraded* ?		No
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids and is the wetland's *fish habitat function intact, or impacted or degraded* ?		No
Mandatory Locally Significant Wetland criteria satisfied ?	**Yes**	

Optional Locally Significant Wetland Criteria **: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function* .		No
2 Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses* ?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Bandon Local Wetland Inventory	**Wetland:**	**TUP-1**
Project Location:	Coos County	**Approx. Area (acres):**	2.29
Date:	OFF-SITE	**Wetland Types(s):**	PSS, PEM, POW

Exclusions **: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and:		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

Mandatory Locally Significant Wetland Criteria **: This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat* ?	Yes	
2 Is the wetland's *fish habitat function intact* ?		No
3 Is the wetland's *water quality function intact* ?		No
4 Is the wetland's *hydrologic control function intact* ?	Yes	
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list) and is the wetland's *water quality function intact, or impacted or degraded* ?	Yes	
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids and is the wetland's *fish habitat function intact, or impacted or degraded* ?		No
Mandatory Locally Significant Wetland criteria satisfied ?	**Yes**	

Optional Locally Significant Wetland Criteria **: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function* .		No
2 Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses* ?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Bandon Local Wetland Inventory	**Wetland:**	**TUP-2**
Project Location:	Coos County	**Approx. Area (acres):**	0.61
Date:	OFF-SITE	**Wetland Types(s):**	PSS, PEM

Exclusions **: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and:		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

Mandatory Locally Significant Wetland Criteria **: This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat* ?		No
2 Is the wetland's *fish habitat function intact* ?		No
3 Is the wetland's *water quality function intact* ?	Yes	
4 Is the wetland's *hydrologic control function intact* ?	Yes	
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list) and is the wetland's *water quality function intact, or impacted or degraded* ?	Yes	
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids and is the wetland's *fish habitat function intact, or impacted or degraded* ?		No
Mandatory Locally Significant Wetland criteria satisfied ?	**Yes**	

Optional Locally Significant Wetland Criteria **: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function* .		No
2 Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses* ?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Bandon Local Wetland Inventory	**Wetland:**	**TUP-3**
Project Location:	Coos County	**Approx. Area (acres):**	4.36
Date:	OFF-SITE	**Wetland Types(s):**	PSS, PEM

Exclusions **: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and:		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

Mandatory Locally Significant Wetland Criteria **: This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat* ?		No
2 Is the wetland's *fish habitat function intact* ?		No
3 Is the wetland's *water quality function intact* ?		No
4 Is the wetland's *hydrologic control function intact* ?		No
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list) and is the wetland's *water quality function intact, or impacted or degraded* ?		No
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids and is the wetland's *fish habitat function intact, or impacted or degraded* ?		No
Mandatory Locally Significant Wetland criteria satisfied ?		**No**

Optional Locally Significant Wetland Criteria **: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function* .		No
2 Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses* ?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Does not satisfy the criteria, Not a Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Bandon Local Wetland Inventory	**Wetland:**	**TUP-4**
Project Location:	Coos County	**Approx. Area (acres):**	2.68
Date:	OFF-SITE	**Wetland Types(s):**	PSS, PEM

Exclusions **: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and:		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

Mandatory Locally Significant Wetland Criteria **: This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat* ?		No
2 Is the wetland's *fish habitat function intact* ?		No
3 Is the wetland's *water quality function intact* ?		No
4 Is the wetland's *hydrologic control function intact* ?		No
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list) and is the wetland's *water quality function intact, or impacted or degraded* ?		No
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids and is the wetland's *fish habitat function intact, or impacted or degraded* ?		No
Mandatory Locally Significant Wetland criteria satisfied ?		**No**

Optional Locally Significant Wetland Criteria **: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function* .		No
2 Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses* ?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Does not satisfy the criteria, Not a Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Bandon Local Wetland Inventory	**Wetland:**	**TUP-5**
Project Location:	Coos County	**Approx. Area (acres):**	0.36
Date:	OFF-SITE	**Wetland Types(s):**	PEM

Exclusions **: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and:		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

Mandatory Locally Significant Wetland Criteria **: This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat* ?		No
2 Is the wetland's *fish habitat function intact* ?		No
3 Is the wetland's *water quality function intact* ?		No
4 Is the wetland's *hydrologic control function intact* ?		No
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list) and is the wetland's *water quality function intact, or impacted or degraded* ?		No
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids and is the wetland's *fish habitat function intact, or impacted or degraded* ?		No
Mandatory Locally Significant Wetland criteria satisfied ?		**No**

Optional Locally Significant Wetland Criteria **: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function* .		No
2 Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses* ?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Does not satisfy the criteria, Not a Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Bandon Local Wetland Inventory	**Wetland:**	**TUP-6**
Project Location:	Coos County	**Approx. Area (acres):**	0.21
Date:	3/27/02	**Wetland Types(s):**	PFO, PSS, PEM

Exclusions **: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and:		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

Mandatory Locally Significant Wetland Criteria **: This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat* ?		No
2 Is the wetland's *fish habitat function intact* ?		No
3 Is the wetland's *water quality function intact* ?	Yes	
4 Is the wetland's *hydrologic control function intact* ?		No
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list) and is the wetland's *water quality function intact, or impacted or degraded* ?		No
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids and is the wetland's *fish habitat function intact, or impacted or degraded* ?		No
Mandatory Locally Significant Wetland criteria satisfied ?	**Yes**	

Optional Locally Significant Wetland Criteria **: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function* .		No
2 Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses* ?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Bandon Local Wetland Inventory	**Wetland:**	**JOH-1**
Project Location:	Coos County	**Approx. Area (acres):**	0.27
Date:	2/13/02, 4/18/02	**Wetland Types(s):**	PFO, PSS, PEM

Exclusions **: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and:		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

Mandatory Locally Significant Wetland Criteria **: This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat*?		No
2 Is the wetland's *fish habitat function intact*?		No
3 Is the wetland's *water quality function intact*?		No
4 Is the wetland's *hydrologic control function intact*?		No
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list) and is the wetland's *water quality function intact, or impacted or degraded*?		No
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids and is the wetland's *fish habitat function intact, or impacted or degraded*?		No
Mandatory Locally Significant Wetland criteria satisfied ?		**No**

Optional Locally Significant Wetland Criteria **: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function*.		No
2 Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses*?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Does not satisfy the criteria, Not a Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Bandon Local Wetland Inventory	**Wetland:**	**JOH-2**
Project Location:	Coos County	**Approx. Area (acres):**	0.34
Date:	OFF-SITE	**Wetland Types(s):**	PEM

Exclusions **: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and:		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

Mandatory Locally Significant Wetland Criteria **: This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat* ?		No
2 Is the wetland's *fish habitat function intact* ?		No
3 Is the wetland's *water quality function intact* ?		No
4 Is the wetland's *hydrologic control function intact* ?		No
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list) and is the wetland's *water quality function intact, or impacted or degraded* ?		No
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids and is the wetland's *fish habitat function intact, or impacted or degraded* ?		No
Mandatory Locally Significant Wetland criteria satisfied ?		**No**

Optional Locally Significant Wetland Criteria **: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function* .		No
2 Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses* ?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Does not satisfy the criteria, Not a Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Bandon Local Wetland Inventory	**Wetland:**	**JOH-3A**
Project Location:	Coos County	**Approx. Area (acres):**	14.95
Date:	2/13/02, 3/8/02	**Wetland Types(s):**	PEM, PSS, PFO

Exclusions **: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and:		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

Mandatory Locally Significant Wetland Criteria **: This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat* ?	Yes	
2 Is the wetland's *fish habitat function intact* ?		No
3 Is the wetland's *water quality function intact* ?		No
4 Is the wetland's *hydrologic control function intact* ?	Yes	
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list) and is the wetland's *water quality function intact, or impacted or degraded* ?		No
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids and is the wetland's *fish habitat function intact, or impacted or degraded* ?		No
Mandatory Locally Significant Wetland criteria satisfied ?	**Yes**	

Optional Locally Significant Wetland Criteria **: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function* .		No
2 Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses* ?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Bandon Local Wetland Inventory	**Wetland:**	**JOH-3B**
Project Location:	Coos County	**Approx. Area (acres):**	1.55
Date:	1/16/02	**Wetland Types(s):**	PEM, PSS

Exclusions **: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and:		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

Mandatory Locally Significant Wetland Criteria **: This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat* ?		No
2 Is the wetland's *fish habitat function intact* ?		No
3 Is the wetland's *water quality function intact* ?		No
4 Is the wetland's *hydrologic control function intact* ?		No
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list) and is the wetland's *water quality function intact, or impacted or degraded* ?		No
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids and is the wetland's *fish habitat function intact, or impacted or degraded* ?		No
Mandatory Locally Significant Wetland criteria satisfied ?		**No**

Optional Locally Significant Wetland Criteria **: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function* .		No
2 Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses* ?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Does not satisfy the criteria, Not a Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Bandon Local Wetland Inventory	**Wetland:**	**JOH-3C**
Project Location:	Coos County	**Approx. Area (acres):**	4.32
Date:	1/16/02	**Wetland Types(s):**	PEM, PSS, PFO

Exclusions **: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and:		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

Mandatory Locally Significant Wetland Criteria **: This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat* ?		No
2 Is the wetland's *fish habitat function intact* ?		No
3 Is the wetland's *water quality function intact* ?		No
4 Is the wetland's *hydrologic control function intact* ?		No
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list) and is the wetland's *water quality function intact, or impacted or degraded* ?	Yes	
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids and is the wetland's *fish habitat function intact, or impacted or degraded* ?		No
Mandatory Locally Significant Wetland criteria satisfied ?	**Yes**	

Optional Locally Significant Wetland Criteria **: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function* .		No
2 Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses* ?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Bandon Local Wetland Inventory	**Wetland:**	**JOH-3D**
Project Location:	Coos County	**Approx. Area (acres):**	8.44
Date:	OFF-SITE	**Wetland Types(s):**	PEM, PSS, PFO

Exclusions **: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and:		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

Mandatory Locally Significant Wetland Criteria **: This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat* ?		No
2 Is the wetland's *fish habitat function intact* ?		No
3 Is the wetland's *water quality function intact* ?		No
4 Is the wetland's *hydrologic control function intact* ?		No
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list) and is the wetland's *water quality function intact, or impacted or degraded* ?	Yes	
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids and is the wetland's *fish habitat function intact, or impacted or degraded* ?		No
Mandatory Locally Significant Wetland criteria satisfied ?	**Yes**	

Optional Locally Significant Wetland Criteria **: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function* .		No
2 Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses* ?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Bandon Local Wetland Inventory	**Wetland:**	**JOH-3E**
Project Location:	Coos County	**Approx. Area (acres):**	7.52
Date:	1/16/02	**Wetland Types(s):**	PEM, PSS, PFO

Exclusions **: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and:		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

Mandatory Locally Significant Wetland Criteria **: This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat* ?		No
2 Is the wetland's *fish habitat function intact* ?		No
3 Is the wetland's *water quality function intact* ?	Yes	
4 Is the wetland's *hydrologic control function intact* ?	Yes	
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list) and is the wetland's *water quality function intact, or impacted or degraded* ?	Yes	
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids and is the wetland's *fish habitat function intact, or impacted or degraded* ?		No
Mandatory Locally Significant Wetland criteria satisfied ?	**Yes**	

Optional Locally Significant Wetland Criteria **: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function* .		No
2 Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses* ?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Bandon Local Wetland Inventory	**Wetland:**	**JOH-4**
Project Location:	Coos County	**Approx. Area (acres):**	13.72
Date:	OFF-SITE	**Wetland Types(s):**	PEM, PSS, PFO

Exclusions **: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and:		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

Mandatory Locally Significant Wetland Criteria **: This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat* ?	Yes	
2 Is the wetland's *fish habitat function intact* ?		No
3 Is the wetland's *water quality function intact* ?		No
4 Is the wetland's *hydrologic control function intact* ?	Yes	
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list) and is the wetland's *water quality function intact, or impacted or degraded* ?		No
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids and is the wetland's *fish habitat function intact, or impacted or degraded* ?		No
Mandatory Locally Significant Wetland criteria satisfied ?	**Yes**	

Optional Locally Significant Wetland Criteria **: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function* .		No
2 Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses* ?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Bandon Local Wetland Inventory	**Wetland:**	**JOH-5**
Project Location:	Coos County	**Approx. Area (acres):**	0.95
Date:	OFF-SITE	**Wetland Types(s):**	PSS

Exclusions **: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and:		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

Mandatory Locally Significant Wetland Criteria **: This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat* ?		No
2 Is the wetland's *fish habitat function intact* ?		No
3 Is the wetland's *water quality function intact* ?		No
4 Is the wetland's *hydrologic control function intact* ?		No
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list) and is the wetland's *water quality function intact, or impacted or degraded* ?		No
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids and is the wetland's *fish habitat function intact, or impacted or degraded* ?		No
Mandatory Locally Significant Wetland criteria satisfied ?		**No**

Optional Locally Significant Wetland Criteria **: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function* .		No
2 Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses* ?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Does not satisfy the criteria, Not a Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Bandon Local Wetland Inventory	**Wetland:**	**JOH-6**
Project Location:	Coos County	**Approx. Area (acres):**	7.50
Date:	OFF-SITE	**Wetland Types(s):**	PEM, PSS, PFO

Exclusions **: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and:		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

Mandatory Locally Significant Wetland Criteria **: This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat* ?		No
2 Is the wetland's *fish habitat function intact* ?		No
3 Is the wetland's *water quality function intact* ?		No
4 Is the wetland's *hydrologic control function intact* ?		No
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list) and is the wetland's *water quality function intact, or impacted or degraded* ?		No
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids and is the wetland's *fish habitat function intact, or impacted or degraded* ?		No
Mandatory Locally Significant Wetland criteria satisfied ?		**No**

Optional Locally Significant Wetland Criteria **: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function* .		No
2 Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses* ?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Does not satisfy the criteria, Not a Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Bandon Local Wetland Inventory	**Wetland:**	**JOH-7**
Project Location:	Coos County	**Approx. Area (acres):**	0.67
Date:	1/17/02	**Wetland Types(s):**	PEM, PSS

Exclusions **: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and:		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

Mandatory Locally Significant Wetland Criteria **: This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat* ?		No
2 Is the wetland's *fish habitat function intact* ?		No
3 Is the wetland's *water quality function intact* ?		No
4 Is the wetland's *hydrologic control function intact* ?		No
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list) and is the wetland's *water quality function intact, or impacted or degraded* ?		No
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids and is the wetland's *fish habitat function intact, or impacted or degraded* ?		No
Mandatory Locally Significant Wetland criteria satisfied ?		**No**

Optional Locally Significant Wetland Criteria **: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function* .		No
2 Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses* ?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Does not satisfy the criteria, Not a Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Bandon Local Wetland Inventory	**Wetland:**	**JOH-8**
Project Location:	Coos County	**Approx. Area (acres):**	3.71
Date:	1/17/02	**Wetland Types(s):**	PEM, PSS

Exclusions **: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and:		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

Mandatory Locally Significant Wetland Criteria **: This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat* ?		No
2 Is the wetland's *fish habitat function intact* ?		No
3 Is the wetland's *water quality function intact* ?		No
4 Is the wetland's *hydrologic control function intact* ?	Yes	
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list) and is the wetland's *water quality function intact, or impacted or degraded* ?		No
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids and is the wetland's *fish habitat function intact, or impacted or degraded* ?		No
Mandatory Locally Significant Wetland criteria satisfied ?	**Yes**	

Optional Locally Significant Wetland Criteria **: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function* .		No
2 Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses* ?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Bandon Local Wetland Inventory	**Wetland:**	**JOH-9**
Project Location:	Coos County	**Approx. Area (acres):**	1.08
Date:	OFF-SITE	**Wetland Types(s):**	PEM, PSS

Exclusions **: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and:		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

Mandatory Locally Significant Wetland Criteria **: This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat* ?		No
2 Is the wetland's *fish habitat function intact* ?		No
3 Is the wetland's *water quality function intact* ?		No
4 Is the wetland's *hydrologic control function intact* ?		No
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list) and is the wetland's *water quality function intact, or impacted or degraded* ?		No
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids and is the wetland's *fish habitat function intact, or impacted or degraded* ?		No
Mandatory Locally Significant Wetland criteria satisfied ?		**No**

Optional Locally Significant Wetland Criteria **: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function* .		No
2 Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses* ?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Does not satisfy the criteria, Not a Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Bandon Local Wetland Inventory	**Wetland:**	**JOH-10**
Project Location:	Coos County	**Approx. Area (acres):**	0.50
Date:	3/27/02	**Wetland Types(s):**	PSS, PEM

Exclusions **: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and:		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

Mandatory Locally Significant Wetland Criteria **: This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat* ?		No
2 Is the wetland's *fish habitat function intact* ?		No
3 Is the wetland's *water quality function intact* ?	Yes	
4 Is the wetland's *hydrologic control function intact* ?	Yes	
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list) and is the wetland's *water quality function intact, or impacted or degraded* ?		No
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids and is the wetland's *fish habitat function intact, or impacted or degraded* ?		No
Mandatory Locally Significant Wetland criteria satisfied ?	**Yes**	

Optional Locally Significant Wetland Criteria **: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function* .		No
2 Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses* ?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Bandon Local Wetland Inventory	**Wetland:**	**JOH-11**
Project Location:	Coos County	**Approx. Area (acres):**	0.52
Date:	9/24/02	**Wetland Types(s):**	PSS, PEM

Exclusions **: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and:		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

Mandatory Locally Significant Wetland Criteria **: This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat* ?		No
2 Is the wetland's *fish habitat function intact* ?		No
3 Is the wetland's *water quality function intact* ?	Yes	
4 Is the wetland's *hydrologic control function intact* ?	Yes	
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list) and is the wetland's *water quality function intact, or impacted or degraded* ?	Yes	
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids and is the wetland's *fish habitat function intact, or impacted or degraded* ?		No
Mandatory Locally Significant Wetland criteria satisfied ?	**Yes**	

Optional Locally Significant Wetland Criteria **: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function* .		No
2 Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses* ?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Bandon Local Wetland Inventory	**Wetland:**	**JOH-12**
Project Location:	Coos County	**Approx. Area (acres):**	0.62
Date:	OFF-SITE	**Wetland Types(s):**	PSS

Exclusions **: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and:		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

Mandatory Locally Significant Wetland Criteria **: This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat* ?		No
2 Is the wetland's *fish habitat function intact* ?		No
3 Is the wetland's *water quality function intact* ?		No
4 Is the wetland's *hydrologic control function intact* ?		No
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list) and is the wetland's *water quality function intact, or impacted or degraded* ?		No
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids and is the wetland's *fish habitat function intact, or impacted or degraded* ?		No
Mandatory Locally Significant Wetland criteria satisfied ?		**No**

Optional Locally Significant Wetland Criteria **: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function* .		No
2 Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses* ?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Does not satisfy the criteria, Not a Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Bandon Local Wetland Inventory	**Wetland:**	**JOH-13**
Project Location:	Coos County	**Approx. Area (acres):**	0.50
Date:	OFF-SITE	**Wetland Types(s):**	PSS

Exclusions **: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and:		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

Mandatory Locally Significant Wetland Criteria **: This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat* ?		No
2 Is the wetland's *fish habitat function intact* ?		No
3 Is the wetland's *water quality function intact* ?		No
4 Is the wetland's *hydrologic control function intact* ?		No
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list) and is the wetland's *water quality function intact, or impacted or degraded* ?		No
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids and is the wetland's *fish habitat function intact, or impacted or degraded* ?		No
Mandatory Locally Significant Wetland criteria satisfied ?		**No**

Optional Locally Significant Wetland Criteria **: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function* .		No
2 Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses* ?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Does not satisfy the criteria, Not a Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Bandon Local Wetland Inventory	**Wetland:**	**JOH-14**
Project Location:	Coos County	**Approx. Area (acres):**	0.44
Date:	OFF-SITE	**Wetland Types(s):**	PEM

Exclusions **: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and:		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

Mandatory Locally Significant Wetland Criteria **: This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat* ?		No
2 Is the wetland's *fish habitat function intact* ?		No
3 Is the wetland's *water quality function intact* ?		No
4 Is the wetland's *hydrologic control function intact* ?		No
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list) and is the wetland's *water quality function intact, or impacted or degraded* ?		No
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids and is the wetland's *fish habitat function intact, or impacted or degraded* ?		No
Mandatory Locally Significant Wetland criteria satisfied ?		**No**

Optional Locally Significant Wetland Criteria **: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function* .		No
2 Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses* ?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Does not satisfy the criteria, Not a Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Bandon Local Wetland Inventory	**Wetland:**	**JOH-15**
Project Location:	Coos County	**Approx. Area (acres):**	1.74
Date:	OFF-SITE	**Wetland Types(s):**	PEM, PSS, PFO

Exclusions **: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and:		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

Mandatory Locally Significant Wetland Criteria **: This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat* ?	Yes	
2 Is the wetland's *fish habitat function intact* ?		No
3 Is the wetland's *water quality function intact* ?		No
4 Is the wetland's *hydrologic control function intact* ?		No
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list) and is the wetland's *water quality function intact, or impacted or degraded* ?	Yes	
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids and is the wetland's *fish habitat function intact, or impacted or degraded* ?		No
Mandatory Locally Significant Wetland criteria satisfied ?	**Yes**	

Optional Locally Significant Wetland Criteria **: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function* .		No
2 Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses* ?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Bandon Local Wetland Inventory	**Wetland:**	**JOH-16**
Project Location:	Coos County	**Approx. Area (acres):**	1.22
Date:	OFF-SITE	**Wetland Types(s):**	PEM, PSS, POWx

Exclusions : **This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and:		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

Mandatory Locally Significant Wetland Criteria : **This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat* ?	Yes	
2 Is the wetland's *fish habitat function intact* ?	Yes	
3 Is the wetland's *water quality function intact* ?	Yes	
4 Is the wetland's *hydrologic control function intact* ?		No
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list) and is the wetland's *water quality function intact, or impacted or degraded* ?		No
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids and is the wetland's *fish habitat function intact, or impacted or degraded* ?		No
Mandatory Locally Significant Wetland criteria satisfied ?	**Yes**	

Optional Locally Significant Wetland Criteria : **local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function* .		No
2 Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses* ?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Bandon Local Wetland Inventory	**Wetland:**	**JOH-17**
Project Location:	Coos County	**Approx. Area (acres):**	3.59
Date:	OFF-SITE	**Wetland Types(s):**	PEM

Exclusions **: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and:		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

Mandatory Locally Significant Wetland Criteria **: This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat* ?		No
2 Is the wetland's *fish habitat function intact* ?		No
3 Is the wetland's *water quality function intact* ?		No
4 Is the wetland's *hydrologic control function intact* ?		No
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list) and is the wetland's *water quality function intact, or impacted or degraded* ?		No
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids and is the wetland's *fish habitat function intact, or impacted or degraded* ?		No
Mandatory Locally Significant Wetland criteria satisfied ?		**No**

Optional Locally Significant Wetland Criteria **: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function* .		No
2 Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses* ?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Does not satisfy the criteria, Not a Locally Significant Wetland

Appendix F

Plant List



Plant species found or expected within the City of Bandon LWI study area

Scientific Name	Common Name	USFWS Rating*
TREES		
Acer macrophyllum	big leaf maple	FACU
Alnus rubra	red alder	FAC
Arbutus menziesii	madrone	UPL
Chamaecyparis lawsoniana	Port Orford cedar	FACU+
Picea sitchensis	Sitka spruce	FAC
Pinus contorta	Shore pine	FAC
Pseudotsuga menziesii	Douglas fir	UPL
Salix scouleriana	Scouler's willow	FAC
Thuja plicata	western red cedar	FAC
Umbellularia californica	California bay laurel	FAC-
SHRUBS/ VINES		
Acer circinatum	vine maple	FAC-
Amelanchier alnifolia	Saskatoon serviceberry	FACU
Arctostaphylos columbiana	Hairy manzanita	UPL
Bacharis pilularis	Chaparrel broom	UPL
Berberis aquifolium	tall Oregon grape	UPL
Berberis nervosa	Oregon grape	UPL
Cornus stolonifera	red osier dogwood	FACW
Cotoneaster lacteus	Cotoneaster	NOL
Crataegus monogyna	ornamental hawthorn	FACU+
Cytisus scoparius	Scot's broom	UPL
Garrya elliptica	Wavy leaf silk tassle	UPL
Gaultheria shallon	salal	FACU+
Hedera helix	English ivy	UPL
Holodiscus discolor	Ocean-spray	UPL
Ilex aquifolium	English holly	UPL
Ledum glandulosum	Smooth Labrador-tea	FACW+
Lonicera involucrata	bearberry honeysuckle	FAC+
Malus fusca	Pacific crabapple	FACW
Myrica californica	Pacific wax-myrtle	FACW
Oemleria cerasiformis	Indian plum	FACU
Prunus sp.	Cherry sp.	NOL
Rhamnus purshiana	Cascara buckthorn	FAC-

Scientific Name	Common Name	USFWS Rating*
Rhododendron macrophyllum	Pacific rhododendron	UPL
Ribes sanguineum	Red flowering currant	UPL
Rosa eglanteria	Sweet briar	FACW
Rubus discolor	Himalayan blackberry	FACU
Rubus laciniatus	evergreen blackberry	FACU+
Rubus parviflorus	western thimbleberry	FAC-
Rubus spectabilis	salmonberry	FAC
Rubus ursinus	California blackberry	FACU
Rubus sp.	Blackberry-thornless cultivar	NOL
Salix geyeriana	Geyer's willow	FACW+
Salix hookeriana	Hooker willow	FACW-
Salix scouleriana	Scouler's willow	FAC
Salix sitchensis	Sitka willow	FACW
Sambucus racemosa	red elderberry	FACU
Spiraea douglasii	Douglas' spiraea	FACW
Symphoricarpos albus	snowberry	FACU
Ulex europaeus	gorse	UPL
Vaccinium ovatum	Evergreen huckleberry	UPL
Vaccinium parvifolium	Red huckleberry	UPL
FORBS		
Achillea millefolium	Yarrow	FACU
Adiantum pedatum	Maidenhair fern	UPL
Anaphalis margaritacea	Pearly everlasting	UPL
Angelica hendersonii	Henderson's angelica	UPL
Aster sp.	Aster	FAC-FACW
Athyrium filix-femina	lady fern	FAC
Bellis perennis	English daisy	UPL
Blechnum spicant	Deer fern	FAC+
Cakile maritima	European sea-rocket	FACU
Callitriche sp.	Water starwort	OBL
Calystegia soldanella	Beach morning glory	UPL
Cardamine angulata	Angled bittercress	FACW
Cardamine oligosperma	Few-seed bittercress	FAC
Cardionema ramosissima	Sand mat	UPL
Chrysanthemum leucanthemum	Oxeye daisy	UPL
Cirsium arvense	Canada thistle	FACU+
Cirsium vulgare	Bull thistle	FACU

Scientific Name	Common Name	USFWS Rating*
Claytonia sibirica	Siberian spring beauty	FAC
Convolvulus arvensis	Field bindweed	UPL
Daucus carota	Queen Anne's lace	UPL
Disporum smithii	Fairy-bells	UPL
Epilobium angustifolium	Fireweed	FACU+
Epilobium watsonii	Watson's willow-herb	FACW-
Equisetum arvense	Common horsetail	FACW
Erechtites minima	Australian fireweed	UPL
Fragaria chiloensis	Coast strawberry	UPL
Galium aparine	Catchweed bedstraw	FACU
Geum macrophyllum	Large-leaved avens	FACW-
Glehnia littoralis	Glehnia	UPL
Hypericum anagalloides	Bog St. John's wort	OBL
Hypericum perforatum	Common St. John's wort	UPL
Hypochaeris radicata	Hairy cats-ear	UPL
Iris sp.	Iris sp.	NOL
Lapsana communis	Nipplewort	UPL
Lathyrus japonicus	Beach peavine	FACU-
Leontodon autumnalis	August flower	FAC
Lotus corniculatus	Birds-foot trefoil	FAC
Lupinus littoralis	Beach lupine	UPL
Lysichiton americanum	Skunk cabbage	OBL
Maianthemum dilatatum	False lily of the valley	FAC
Marah oreganus	Wild cucumber	UPL
Mentha x piperita	Peppermint	FACW+
Mimulus guttatus	Monkey flower	OBL
Mitella ovalis	Small bishops-cap	OBL
Nasturtium officinale	Watercress	OBL
Nuphar luteum	Yellow pond lily	OBL
Oenanthe sarmentosa	Water-parsley	OBL
Oxalis oregana	Wood sorrel	UPL
Parentucellia viscosa	Yellow parentucellia	FAC-
Plantago lanceolata	English plantain	FAC
Plantago major	Common plantain	FACU
Plantago maritima	Seaside plantain	FACW+
Polygonum sachalinense	Giant knotweed	FACU
Polygonum sp.	Knotweed	FACW-OBL
Polypodium glycorrhiza	Licorice fern	UPL

Scientific Name	Common Name	USFWS Rating*
Polystichum munitum	Sword fern	FACU
Potamogeton natans	Floating pondweed	OBL
Potentilla anserina	Silver-weed	OBL
Prunella vulgaris	Heal-all	FACU+
Pteridium aquilinum	Bracken fern	FACU
Ranunculus repens	Creeping buttercup	FACW
Raphanus sativus	Wild radish	NI
Rumex crispus	Curly dock	FAC+
Rumex obtusifolius	Bitterdock	FAC
Rumex salicifolius	Willow dock	FACW
Salicornia virginica	Virginia glasswort	OBL
Senecio jacobaea	Tansy ragwort	FACU
Sisyrinchium californicum	Golden blue-eyed grass	FACW+
Solanum dulcamara	Climbing nightshade	FAC+
Stachys cooleyae	Cooley's hedgenettle	FACW
Stellaria media	Chickweed	FACU
Tanacetum douglasii	Dune tansy	UPL
Taraxacum officinale	Common dandelion	FACU
Tellima grandiflora	Fringecup	UPL
Tolmiea menziesii	Piggy-back plant	FAC
Trifolium repens	White clover	FAC
Trifolium wormskoldii	Cow's clover	FACW+
Veronica americana	American speedwell	OBL
Vicia gigantea	Giant vetch	UPL
GRAMINOIDS		
Agrostis stolonifera	Creeping bentgrass	FAC
Agrostis tenuis	Colonial bentgrass s	FAC
Alopecurus pratensis	Meadow foxtail	FACW
Ammophila arenaria	European beach grass	FACU
Anthoxanthum odoratum	Sweet vernal-grass	FACU
Carex deweyana	Short-scale sedge	FACU
Carex obnupta	Slough sedge	OBL
Dactylis glomerata	Orchard grass	FACU
Deschampsia cespitosa	Tufted hairgrass	FACW
Eleocharis ovata	Ovate spikerush	OBL
Festuca arundinacea	Tall fescue	FACU+
Festuca rubra	Red fescue	FACU+
Holcus lanatus	Velvet grass	FAC

Scientific Name	Common Name	USFWS Rating*
Juncus acuminatus	Taper-tip rush	OBL
Juncus articulatus	Jointed rush	OBL
Juncus bolanderi	Bolander's rush	OBL
Juncus effusus	Soft rush	FACW
Juncus leseurii	Salt rush	FACW
Juncus tenuis	slender rush	FACW
Phalaris arundinacea	reed canary grass	FACW
Poa trivialis	Rough bluegrass	FACW
Poa spp.	Bluegrass spp.	NOL
Scirpus microcarpus	Small seed bulrush	OBL
Scirpus tabernaemontanii	Softstem bulrush	OBL
Sparganium emersum	Narrow-leaf burreed	OBL
Typha latifolia	Cattail	OBL

*=USFWS Region 9 Wetland Indicator Status; indicates species' moisture preferences.

OBL Obligate wetland. Estimated to occur almost exclusively in wetlands (>99%)
FACW Facultative wetland. Estimated to occur 67-99% of the time in wetlands.
FAC Facultative. Occur equally in wetlands and non-wetlands (34-66%).
FACU Facultative upland. Usually occur in non-wetlands (67-99%).
UPL Obligate upland. Estimated to occur almost exclusively in non-wetlands (>99%
NI Has not yet received a wetland indicator status, but is probably not obligate upland.

Appendix G

OFWAM Characterization Field Forms



Wetland Characterization -- Field Form

Project Name: Bandon Local Wetland Inventory

Wetland Code: SIM-1

Watershed Setting: (Questions 1-14) See Attached Table

Wetland Structure and Relation to Surrounding Landscape		Wetland Habitat		Fisheries Habitat		Wetland Hydrology		Recreation	
Q	A	Q	A	Q	A	Q	A	Q	A
Q-15		Q-21		Q-29	A	Q-36	A	Q-47	C
1	C	1	—	Streams connected to the Wetland		Q-37	B	Q-48	C
2		2	C			Q-38	C	Q-49	B
3		3	a	Q	A	Q-39	—	Q-50	B
4	a	4	—	Q-30	C	Q-40	A	Asthetics	
5	a	Q-22	A	Q-31	B	Public Access to Wetland Site		Q	A
Q-16	1	Q-23	A	Q-32	B			Q-51	N/A
Q-17	B	Q-24	B	Lakes and Ponds		Q	A	Q-52	A
Q-18	A	Q-25	N/A			Q-41	C	Q-53	A
Q-19	A	Q-26	A	Q	A	Q-42	A	Q-54	A
Q-20		Q-27	A	Q-33	B	Q-43	A	Q-55	A
1	B	Q-28	C	Q-34	B	Q-44	B	Q-56	A
2				Q-35	C	Q-45	B	Q-57	C
3						Q-46	C	Q-58	B
4	C								
5									

15-5; 16 - Estuarine, Forested wetland

43 Bordered to north and south by upland forest; ~~to the west~~ estuary and adjacent wetlands located to the west.

Wetland Characterization -- Field Form

Project Name: Bandon Local Wetland Inventory

Wetland Code: SIM-2

Watershed Setting: (Questions 1-14) See Attached Table

Wetland Structure and Relation to Surrounding Landscape		Wetland Habitat		Fisheries Habitat		Wetland Hydrology		Recreation	
Q	A	Q	A	Q	A	Q	A	Q	A
Q-15		Q-21		Q-29	C	Q-36	A	Q-47	A
1	B	1	B	Streams connected to the Wetland		Q-37	A	Q-48	B
2	A	2	C			Q-38	A	Q-49	B
3		3	D	Q	A	Q-39	—	Q-50	B
4	B	4	—	Q-30	A	Q-40	A	Asthetics	
5		Q-22	A	Q-31	B	Public Access to Wetland Site			
Q-16	1	Q-23	B	Q-32	A			Q	A
Q-17	A	Q-24	C	Lakes and Ponds		Q	A	Q-51	N/A
Q-18	A	Q-25	N/A			Q-41	C	Q-52	B
Q-19	B	Q-26	A	Q	A	Q-42	A	Q-53	C
Q-20		Q-27	A	Q-33	B	Q-43	A	Q-54	C
1	B	Q-28	A	Q-34	A	Q-44	A	Q-55	A
2				Q-35	A	Q-45	A	Q-56	B
3						Q-46	C	Q-57	A
4	C							Q-58	B
5									

16- forested/scrub shrub wetland

43- forested upland buffer along the south side

Wetland Characterization -- Field Form

Project Name: Bandon Local Wetland Inventory

Wetland Code: STM-3

Watershed Setting: (Questions 1-14) See Attached Table

Wetland Structure and Relation to Surrounding Landscape		Wetland Habitat		Fisheries Habitat		Wetland Hydrology		Recreation	
Q	A	Q	A	Q	A	Q	A	Q	A
Q-15		Q-21		Q-29	A	Q-36	A	Q-47	C
1	C	1	C	Streams connected to the Wetland		Q-37	A	Q-48	C
2		2	B			Q-38	B	Q-49	B
3		3	—	Q	A	Q-39	A	Q-50	B
4	A	4	—	Q-30	B	Q-40	A	Asthetics	
5		Q-22	A	Q-31	B	Public Access to Wetland Site			
Q-16	1 - Natural forest	Q-23	A	Q-32	B			Q	A
Q-17	B	Q-24	B	Lakes and Ponds		Q	A	Q-51	N/A
Q-18	A	Q-25	N/A			Q-41	C	Q-52	A
Q-19	B	Q-26		Q	A	Q-42	B	Q-53	A
Q-20		Q-27		Q-33	B	Q-43	A	Q-54	A
1		Q-28		Q-34	B	Q-44	B	Q-55	A
2				Q-35	B	Q-45	B	Q-56	A
3						Q-46	C	Q-57	C
4	C							Q-58	A
5									

43 Surrounded by forested upland; contiguous with Sumpter Creek upstream; a culvert separates downstream connections

Wetland Characterization -- Field Form

Project Name: Bandon Local Wetland Inventory

Wetland Code: SIM-4

Watershed Setting: (Questions 1-14) See Attached Table

Wetland Structure and Relation to Surrounding Landscape		Wetland Habitat		Fisheries Habitat		Wetland Hydrology		Recreation	
Q	A	Q	A	Q	A	Q	A	Q	A
Q-15		Q-21		Q-29	B	Q-36	A	Q-47	C
1	C	1	—	Streams connected to the Wetland		Q-37	B	Q-48	C
2		2	—			Q-38	A	Q-49	B
3		3	A	Q	A	Q-39	A	Q-50	B
4	B	4	C	Q-30	A	Q-40	A	Asthetics	
5		Q-22	A	Q-31	A	Public Access to Wetland Site			
Q-16	-5	Q-23	A	Q-32	B			Q	A
Q-17	B	Q-24	C	Lakes and Ponds		Q	A	Q-51	N/A
Q-18	A	Q-25	N/A			Q-41	C	Q-52	A
Q-19	A	Q-26	A	Q	A	Q-42	A	Q-53	A
Q-20		Q-27	B	Q-33	A	Q-43	A	Q-54	A
1		Q-28	A	Q-34	B	Q-44	C	Q-55	A
2				Q-35	A	Q-45	B	Q-56	A
3						Q-46	C	Q-57	B
4	C							Q-58	B
5									

16- Estuarine wetlands

43- forest buffer (60%); contiguous with creek channel

Wetland Characterization -- Field Form

Project Name: Bandon Local Wetland Inventory

Wetland Code: SIM-5

Watershed Setting: (Questions 1-14) See Attached Table

Wetland Structure and Relation to Surrounding Landscape		Wetland Habitat		Fisheries Habitat		Wetland Hydrology		Recreation	
Q	A	Q	A	Q	A	Q	A	Q	A
Q-15		Q-21		Q-29	A	Q-36	C	Q-47	C
1	B	1	–	Streams connected to the Wetland		Q-37	A	Q-48	C
2		2	0			Q-38	B	Q-49	B
3		3	–	Q	A	Q-39	–	Q-50	B
4	C	4	A	Q-30	C	Q-40	A	Asthetics	
5	9- under. residential	Q-22	A	Q-31	C	Public Access to Wetland Site		Q	A
Q-16	4	Q-23	A	Q-32	C			Q-51	N/A
Q-17	B	Q-24	B	Lakes and Ponds		Q	A	Q-52	A
Q-18	A	Q-25	N/A			Q-41	C	Q-53	A
Q-19	B	Q-26	A	Q	A	Q-42	A	Q-54	A
Q-20		Q-27	A	Q-33	C	Q-43	A	Q-55	A
1		Q-28	C	Q-34	C	Q-44	B	Q-56	A
2				Q-35	C	Q-45	B	Q-57	C
3						Q-46	C	Q-58	B
4	C								
5									

16 - industrial

43 - upland forest buffer (100%)

Wetland Characterization -- Field For PHS

Project Name: Bandon Local Wetland Inventory

Wetland Code: SIM-6

Watershed Setting: (Questions 1-14) See Attached Table

Wetland Structure and Relation to Surrounding Landscape		Wetland Habitat		Fisheries Habitat		Wetland Hydrology		Recreation	
Q	A	Q	A	Q	A	Q	A	Q	A
Q-15		Q-21		Q-29	–	Q-36	B	Q-47	C
1	A	1	–	Streams connected to the Wetland		Q-37	C	Q-48	C
2		2	B			Q-38	C	Q-49	C
3		3	C	Q	A	Q-39	–	Q-50	B
4	C	4	C	Q-30	–	Q-40	A	Asthetics	
5	A	Q-22	A	Q-31	–	Public Access to Wetland Site			
Q-16	4-industrial	Q-23	A	Q-32	–			Q	A
Q-17	B	Q-24	B	Lakes and Ponds		Q	A	Q-51	–
Q-18	B	Q-25	N/A			Q-41	C	Q-52	C
Q-19	A	Q-26	A	Q	A	Q-42	B	Q-53	B
Q-20		Q-27	B	Q-33	–	Q-43	A	Q-54	–
1	A	Q-28	C	Q-34	–	Q-44	B	Q-55	B
2				Q-35	–	Q-45	B	Q-56	B
3						Q-46	C	Q-57	B
4	C							Q-58	A
5									

15-5 undeveloped residential
42 - No sidewalks; busy road
43 - forested buffer along SE side (50% of wetland)

Wetland Characterization -- Field Form

Project Name: Bandon Local Wetland Inventory

Wetland Code: FER-1

Watershed Setting: (Questions 1-14) See Attached Table

Wetland Structure and Relation to Surrounding Landscape		Wetland Habitat		Fisheries Habitat		Wetland Hydrology		Recreation	
Q	A	Q	A	Q	A	Q	A	Q	A
Q-15		Q-21		Q-29	A	Q-36	A	Q-47	C
1	A	1	Ø	Streams connected to the Wetland		Q-37	A	Q-48	C
2	A	2	C			Q-38	C	Q-49	B
3	A	3	C	Q	A	Q-39	—	Q-50	B
4	B	4	C	Q-30	B	Q-40	B	Asthetics	
5*	C	Q-22	A	Q-31	A	Public Access to Wetland Site		Q	A
Q-16	4 dev.	Q-23	A	Q-32	A			Q-51	N/A
Q-17	A	Q-24	A	Lakes and Ponds		Q	A	Q-52	A
Q-18	A	Q-25	N/A			Q-41	C	Q-53	A
Q-19	A	Q-26	A	Q	A	Q-42	A	Q-54	A
Q-20		Q-27	A	Q-33	A	Q-43*	A	Q-55	A
1	A	Q-28	B	Q-34	A	Q-44	B	Q-56	A
2	A			Q-35	B	Q-45	B	Q-57	C
3	A					Q-46	C	Q-58	A
4	C								
5	A								

Q.15 (5) - mostly undeveloped residential

Q.43 - Ferry Creek; undev. residential lands

Wetland Characterization -- Field Form

Project Name: Bandon Local Wetland Inventory

Wetland Code: FER-2

Watershed Setting: (Questions 1-14) See Attached Table

Wetland Structure and Relation to Surrounding Landscape		Wetland Habitat		Fisheries Habitat		Wetland Hydrology		Recreation	
Q	A	Q	A	Q	A	Q	A	Q	A
Q-15		Q-21		Q-29	—	Q-36	B	Q-47	C
1	B	1	—	Streams connected to the Wetland		Q-37	A	Q-48	C
2		2	d			Q-38	C	Q-49	B
3		3	A	Q	A	Q-39	—	Q-50	B
4	C	4	—	Q-30	—	Q-40	A	Asthetics	
5		Q-22	B	Q-31	—	Public Access to Wetland Site			
Q-16	4-dev	Q-23	A	Q-32	—			Q	A
Q-17	C	Q-24	C	Lakes and Ponds		Q	A	Q-51	N/A
Q-18	B	Q-25	N/A			Q-41	C	Q-52	C
Q-19	B	Q-26	B	Q	A	Q-42	A	Q-53	C
Q-20		Q-27	B	Q-33	—	Q-43	A	Q-54	C
1		Q-28	C	Q-34	—	Q-44	C	Q-55	A
2				Q-35	—	Q-45	B	Q-56	B
3						Q-46	B	Q-57	A
4	C							Q-58	B
5									

43 - 50% of wetland bordered by forested upland

Wetland Characterization -- Field Form

Project Name: Bandon Local Wetland Inventory

Wetland Code: FER-3

Watershed Setting: (Questions 1-14) See Attached Table

Wetland Structure and Relation to Surrounding Landscape		Wetland Habitat		Fisheries Habitat		Wetland Hydrology		Recreation	
Q	A	Q	A	Q	A	Q	A	Q	A
Q-15		Q-21		Q-29	—	Q-36	B	Q-47	C
1	C	1	—	Streams connected to the Wetland		Q-37	A	Q-48	C
2		2	C			Q-38	C	Q-49	B
3		3	D	Q	A	Q-39	—	Q-50	B
4	a	4	C	Q-30	—	Q-40	A	Asthetics	
5		Q-22	A	Q-31	—	Public Access to Wetland Site			
Q-16	1 natural areas	Q-23	A	Q-32	—			Q	A
Q-17	C	Q-24	B	Lakes and Ponds		Q	A	Q-51	N/A
Q-18	B	Q-25	N/A			Q-41	C	Q-52	C
Q-19	B	Q-26	A	Q	A	Q-42	A	Q-53	C
Q-20		Q-27	B	Q-33	—	Q-43	A	Q-54	C
1		Q-28	C	Q-34	—	Q-44	C	Q-55	A
2				Q-35	—	Q-45	B	Q-56	B
3						Q-46	C	Q-57	A
4	C							Q-58	A
5									

43- Surrounded by upland forest

Wetland Characterization -- Field Form

Project Name: Bandon Local Wetland Inventory

Wetland Code: FER-4

Watershed Setting: (Questions 1-14) See Attached Table

Wetland Structure and Relation to Surrounding Landscape		Wetland Habitat		Fisheries Habitat		Wetland Hydrology		Recreation	
Q	A	Q	A	Q	A	Q	A	Q	A
Q-15		Q-21		Q-29	B	Q-36	B	Q-47	C
1	B	1	—	Streams connected to the Wetland		Q-37	A	Q-48	B
2		2	C			Q-38	A	Q-49	B
3		3	C	Q	A	Q-39	—	Q-50	B
4	C	4	D	Q-30	B	Q-40	A	Asthetics	
5		Q-22	A	Q-31	B	Public Access to Wetland Site		Q	A
Q-16	4 dev.	Q-23	A	Q-32	C			Q-51	N/A
Q-17	C	Q-24	B	Lakes and Ponds		Q	A		
Q-18	A	Q-25	N/A			Q-41	A	Q-52	C
Q-19	B	Q-26	A	Q	A	Q-42	A	Q-53	C
Q-20		Q-27	A	Q-33	B	Q-43	A	Q-54	C
1		Q-28	C	Q-34	C	Q-44	A	Q-55	A
2				Q-35	B	Q-45	B	Q-56	A
3						Q-46	B	Q-57	B
4	C							Q-58	B
5									

43 Bordered by upland forest; ~~boundary~~ connected via culvert to stream, upstream and downstream

Wetland Characterization -- Field Form

Project Name: Bandon Local Wetland Inventory

Wetland Code: FER-5

Watershed Setting: (Questions 1-14) See Attached Table

Wetland Structure and Relation to Surrounding Landscape		Wetland Habitat		Fisheries Habitat		Wetland Hydrology		Recreation	
Q	A	Q	A	Q	A	Q	A	Q	A
Q-15		Q-21		Q-29	—	Q-36	B	Q-47	C
1	A	1	Ø	Streams connected to the Wetland		Q-37	A	Q-48	C
2	A	2	D			Q-38	C	Q-49	B
3	A	3	A	Q	A	Q-39	—	Q-50	B
4	C	4	Ø	Q-30	—	Q-40	A	Asthetics	
5	A	Q-22	A	Q-31	—	Public Access to Wetland Site		Q	A
Q-16	4 dev.	Q-23	A	Q-32	—			Q-51	N/A
Q-17	B	Q-24	C	Lakes and Ponds		Q	A		
Q-18	A	Q-25	N/A			Q-41	C	Q-52	B
Q-19	B	Q-26	B	Q	A	Q-42	A	Q-53	C
Q-20		Q-27	A	Q-33	—	Q-43	B	Q-54	C
1	A	Q-28	C	Q-34	—	Q-44	C	Q-55	A
2	A			Q-35	—	Q-45	B	Q-56	A
3	A					Q-46	C	Q-57	B
4	C							Q-58	B
5	A								

Wetland Characterization -- Field Form

Project Name: Bandon Local Wetland Inventory

Wetland Code: FER-6

Watershed Setting: (Questions 1-14) See Attached Table

Wetland Structure and Relation to Surrounding Landscape		Wetland Habitat		Fisheries Habitat		Wetland Hydrology		Recreation	
Q	A	Q	A	Q	A	Q	A	Q	A
Q-15		Q-21		Q-29	—	Q-36	B	Q-47	C
1	A	1	Ø	Streams connected to the Wetland		Q-37	B	Q-48	C
2	A	2	C			Q-38	C	Q-49	B
3	A	3	B	Q	A	Q-39	—	Q-50	B
4	B	4	Ø	Q-30	—	Q-40	B	Asthetics	
5 ✱	B	Q-22	A	Q-31	—	Public Access to Wetland Site		Q	A
Q-16	4	Q-23	A	Q-32	—			Q-51	N/A
Q-17	B	Q-24	C	Lakes and Ponds		Q	A	Q-52	B
Q-18	A	Q-25	N/A			Q-41	C	Q-53	C
Q-19	B	Q-26	B	Q	A	Q-42	A	Q-54	C
Q-20		Q-27	A	Q-33	—	Q-43	A	Q-55	A
1	A	Q-28	C	Q-34	—	Q-44	C	Q-56	A
2	A			Q-35	—	Q-45	B	Q-57	C
3	A					Q-46	C	Q-58	B
4	C								
5	A								

Q15(5) – under. residential

Wetland Characterization -- Field Form

Project Name: Bandon Local Wetland Inventory

Wetland Code: FER-7

Watershed Setting: (Questions 1-14) See Attached Table

Wetland Structure and Relation to Surrounding Landscape		Wetland Habitat		Fisheries Habitat		Wetland Hydrology		Recreation	
Q	A	Q	A	Q	A	Q	A	Q	A
Q-15		Q-21		Q-29	—	Q-36	B	Q-47	C
1	A	1	Ø	Streams connected to the Wetland		Q-37	A	Q-48	C
2	A	2	A			Q-38	C	Q-49	B
3	A	3	Ø	Q	A	Q-39	—	Q-50	B
4	B	4	Ø	Q-30	—	Q-40	A	Asthetics	
5 *	C	Q-22	B	Q-31	—	Public Access to Wetland Site		Q	A
Q-16	5	Q-23	C	Q-32	—			Q-51	N/A
Q-17	B	Q-24	B	Lakes and Ponds		Q	A		
Q-18	B	Q-25	N/A			Q-41	C	Q-52	B
Q-19	B	Q-26	C	Q	A	Q-42	A	Q-53	C
Q-20		Q-27	B	Q-33	—	Q-43	B	Q-54	C
1	A	Q-28	C	Q-34	—	Q-44	C	Q-55	A
2	A			Q-35	—	Q-45	B	Q-56	A
3	A					Q-46	C	Q-57	A
4	C							Q-58	C
5	A								

Q15 (5) - undeveloped forested to east

Wetland Characterization -- Field Form

Project Name: Bandon Local Wetland Inventory

Wetland Code: FER - 8

Watershed Setting: (Questions 1-14) See Attached Table

Wetland Structure and Relation to Surrounding Landscape		Wetland Habitat		Fisheries Habitat		Wetland Hydrology		Recreation	
Q	A	Q	A	Q	A	Q	A	Q	A
Q-15		Q-21		Q-29	–	Q-36	B	Q-47	C
1	A	1	D	Streams connected to the Wetland		Q-37	B	Q-48	C
2	A	2	B			Q-38	C	Q-49	B
3	A	3	B	Q	A	Q-39	–	Q-50	B
4	B	4	D	Q-30	–	Q-40	A	Asthetics	
5 *	C	Q-22	A	Q-31	–	Public Access to Wetland Site		Q	A
Q-16	5	Q-23	C	Q-32	–			Q-51	N/A
Q-17	B	Q-24	C	Lakes and Ponds		Q	A	Q-52	B
Q-18	B	Q-25	N/A			Q-41	C	Q-53	C
Q-19	B	Q-26	C	Q	A	Q-42	B	Q-54	C
Q-20		Q-27	B	Q-33	–	Q-43	B	Q-55	A
1	A	Q-28	C	Q-34	–	Q-44	B	Q-56	A
2	A			Q-35	–	Q-45	B	Q-57	A
3	A					Q-46	B	Q-58	B
4	C								
5	A								

Q15(5) – some cranberry farms, rural residential, under. residential

Wetland Characterization -- Field Form

Project Name: Bandon Local Wetland Inventory

Wetland Code: GRO-1

Watershed Setting: (Questions 1-14) See Attached Table

Wetland Structure and Relation to Surrounding Landscape		Wetland Habitat		Fisheries Habitat		Wetland Hydrology		Recreation	
Q	A	Q	A	Q	A	Q	A	Q	A
Q-15		Q-21		Q-29	—	Q-36	B	Q-47	C
1	a	1		Streams connected to the Wetland		Q-37	B	Q-48	A
2		2	D			Q-38	A	Q-49	B
3		3	A	Q	A	Q-39	—	Q-50	B
4	B	4		Q-30	—	Q-40	A	Asthetics	
5		Q-22	A	Q-31	—	Public Access to Wetland Site			
Q-16	1. open beach	Q-23	A	Q-32	—			Q	A
Q-17	C	Q-24	C	Lakes and Ponds		Q	A	Q-51	N/A
Q-18	A	Q-25	N/A			Q-41	A	Q-52	B
Q-19	A	Q-26	B	Q	A	Q-42	A	Q-53	C
Q-20		Q-27	A	Q-33	—	Q-43	A	Q-54	C
1		Q-28	C	Q-34	—	Q-44	A	Q-55	A
2				Q-35	—	Q-45	B	Q-56	A
3						Q-46	B	Q-57	A
4	C							Q-58	B
5	B								

20-5 - Beach / Estuary

43 - Natural scrub shrub upland adjacent to southern edge

Wetland Characterization -- Field Form

Project Name: Bandon Local Wetland Inventory

Wetland Code: GRO-2

Watershed Setting: (Questions 1-14) See Attached Table

Wetland Structure and Relation to Surrounding Landscape		Wetland Habitat		Fisheries Habitat		Wetland Hydrology		Recreation	
Q	A	Q	A	Q	A	Q	A	Q	A
Q-15		Q-21		Q-29	–	Q-36	B	Q-47	C
1	B	1	–	Streams connected to the Wetland		Q-37	A	Q-48	A
2		2	C	Q	A	Q-38	A	Q-49	B
3		3	C	Q-30	–	Q-39	–	Q-50	B
4	A	4	C	Q-31	–	Q-40	A	Asthetics	
5		Q-22	A	Q-32	–	Public Access to Wetland Site		Q	A
Q-16	open Beach	Q-23	A	Lakes and Ponds		Q	A	Q-51	N/A
Q-17	C	Q-24	B	Q	A	Q-41	C	Q-52	C
Q-18	A	Q-25	N/A	Q-33	–	Q-42	A	Q-53	C
Q-19	B	Q-26	A	Q-34	–	Q-43	A	Q-54	C
Q-20		Q-27	A	Q-35	–	Q-44	A	Q-55	A
1		Q-28	C			Q-45	A	Q-56	B
2						Q-46	A	Q-57	A
3								Q-58	A
4	C								
5	A								

20-5 Beach/estuary

43 Scrub shrub buffer between wetland and adjacent roads/development

Wetland Characterization -- Field Form

Project Name: Bandon Local Wetland Inventory

Wetland Code: GRO-3

Watershed Setting: (Questions 1-14) See Attached Table

Wetland Structure and Relation to Surrounding Landscape		Wetland Habitat		Fisheries Habitat		Wetland Hydrology		Recreation	
Q	A	Q	A	Q	A	Q	A	Q	A
Q-15		Q-21		Q-29	B	Q-36	A	Q-47	C
1	A	1		Streams connected to the Wetland		Q-37	A	Q-48	C
2		2	D			Q-38	C	Q-49	B
3		3	C	Q	A	Q-39	C	Q-50	B
4	C	4	A	Q-30	B	Q-40	A	Asthetics	
5		Q-22	A	Q-31	B	Public Access to Wetland Site			
Q-16	- open beach	Q-23	A	Q-32	B			Q	A
Q-17	A	Q-24	B	Lakes and Ponds		Q	A	Q-51	N/A
Q-18	A	Q-25	N/A			Q-41	C	Q-52	B
Q-19	B	Q-26	B	Q	A	Q-42	A	Q-53	A
Q-20		Q-27	A	Q-33	B	Q-43	A	Q-54	A
1	A	Q-28	C	Q-34	B	Q-44	A	Q-55	A
2				Q-35	B	Q-45	A	Q-56	A
3						Q-46	A	Q-57	C
4	C							Q-58	A
5									

43- 75% of north end bordered by upland forest/gorse
- south end creek flows through steep, wooded ravine

Wetland Characterization -- Field Form

Project Name: Bandon Local Wetland Inventory

Wetland Code: GRO-4

Watershed Setting: (Questions 1-14) See Attached Table

Wetland Structure and Relation to Surrounding Landscape		Wetland Habitat		Fisheries Habitat		Wetland Hydrology		Recreation	
Q	A	Q	A	Q	A	Q	A	Q	A
Q-15		Q-21		Q-29	-	Q-36	B	Q-47	C
1	C	1	-	Streams connected to the Wetland		Q-37	A	Q-48	C
2		2	-			Q-38	C	Q-49	B
3		3	-	Q	A	Q-39	-	Q-50	B
4	B	4	A	Q-30	-	Q-40	A	Asthetics	
5		Q-22	A	Q-31	-	Public Access to Wetland Site		Q	A
Q-16	-	Q-23	A	Q-32	-			Q-51	N/A
Q-17	B	Q-24	B	Lakes and Ponds		Q	A	Q-52	B
Q-18	B	Q-25	N/A			Q-41	C	Q-53	A
Q-19	B	Q-26	A	Q	A	Q-42	A	Q-54	A
Q-20		Q-27	B	Q-33	-	Q-43	A	Q-55	A
1		Q-28	C	Q-34	-	Q-44	B	Q-56	A
2				Q-35	-	Q-45	B	Q-57	B
3						Q-46	C	Q-58	C
4	C								
5									

Q-16 - School ball fields / open space
30% forested

Q-43 - 60% of wetland bordered by ~~#~~ upland forest/grass

Wetland Characterization -- Field Form

Project Name: Bandon Local Wetland Inventory

Wetland Code: GRO-5

Watershed Setting: (Questions 1-14) See Attached Table

Wetland Structure and Relation to Surrounding Landscape		Wetland Habitat		Fisheries Habitat		Wetland Hydrology		Recreation	
Q	A	Q	A	Q	A	Q	A	Q	A
Q-15		Q-21		Q-29	–	Q-36	B	Q-47	C
1		1	–	Streams connected to the Wetland		Q-37	A	Q-48	C
2		2	A			Q-38	C	Q-49	B
3		3	–	Q	A	Q-39	–	Q-50	B
4	C	4	–	Q-30	–	Q-40	A	Asthetics	
5		Q-22	B	Q-31	–	Public Access to Wetland Site		Q	A
Q-16	4-resid.	Q-23	C	Q-32	–			Q-51	N/A
Q-17	C	Q-24	C	Lakes and Ponds		Q	A	Q-52	C
Q-18	B	Q-25	N/A			Q-41	C	Q-53	C
Q-19	B	Q-26	C	Q	A	Q-42	A	Q-54	C
Q-20		Q-27	B	Q-33	–	Q-43	B	Q-55	A
1		Q-28	C	Q-34	–	Q-44	C	Q-56	A
2				Q-35	–	Q-45	A	Q-57	A
3						Q-46	A	Q-58	C
4	C								
5									

Wetland Characterization -- Field Form

Project Name: Bandon Local Wetland Inventory

Wetland Code: GRO - 6

Watershed Setting: (Questions 1-14) See Attached Table

Wetland Structure and Relation to Surrounding Landscape		Wetland Habitat		Fisheries Habitat		Wetland Hydrology		Recreation	
Q	A	Q	A	Q	A	Q	A	Q	A
Q-15		Q-21		Q-29	B	Q-36	A	Q-47	C
1	A	1	D	Streams connected to the Wetland		Q-37	A	Q-48	C
2	A	2	D			Q-38	C	Q-49	B
3	A	3	B	Q	A	Q-39	A	Q-50	B
4	C	4	C	Q-30	A	Q-40	A	Asthetics	
5	A	Q-22	A	Q-31	A	Public Access to Wetland Site			
Q-16	4	Q-23	A	Q-32	C			Q	A
Q-17	B	Q-24	B	Lakes and Ponds		Q	A	Q-51	
Q-18	A	Q-25	N/A			Q-41	B	Q-52	
Q-19	B	Q-26	A	Q	A	Q-42	A	Q-53	
Q-20		Q-27	A	Q-33	A	Q-43*	A	Q-54	
1	A	Q-28	C	Q-34	C	Q-44	A	Q-55	
2	A			Q-35	A	Q-45	A	Q-56	
3	A					Q-46	A	Q-57	
4	C							Q-58	
5	A								

Q.43 - fringe V fringe

Wetland Characterization -- Field Form

Project Name: Bandon Local Wetland Inventory

Wetland Code: GRO-7

Watershed Setting: (Questions 1-14) See Attached Table

Wetland Structure and Relation to Surrounding Landscape		Wetland Habitat		Fisheries Habitat		Wetland Hydrology		Recreation	
Q	A	Q	A	Q	A	Q	A	Q	A
Q-15		Q-21		Q-29	B	Q-36	A	Q-47	C
1	A	1	~~D~~	Streams connected to the Wetland		Q-37	B	Q-48	C
2	A	2	C			Q-38	C	Q-49	B
3	A	3	A	Q	A	Q-39	A	Q-50	B
4	B	4	~~D~~	Q-30	C	Q-40	A	Asthetics	
5	A	Q-22	B	Q-31	B	Public Access to Wetland Site		Q	A
Q-16	4	Q-23	A	Q-32	C			Q-51	N/A
Q-17	B	Q-24	C	Lakes and Ponds		Q	A	Q-52	C
Q-18	A	Q-25	N/A			Q-41	C	Q-53	C
Q-19	B	Q-26	B	Q	A	Q-42	A	Q-54	C
Q-20		Q-27	A	Q-33	B	Q-43	B	Q-55	A
1	A	Q-28	C	Q-34	C	Q-44	C	Q-56	B
2	A			Q-35	C	Q-45	B	Q-57	B
3	A					Q-46	C	Q-58	B
4	C								
5	A								

Wetland Characterization -- Field Form

Project Name: Bandon Local Wetland Inventory

Wetland Code: GRO-8

Watershed Setting: (Questions 1-14) See Attached Table

Wetland Structure and Relation to Surrounding Landscape		Wetland Habitat		Fisheries Habitat		Wetland Hydrology		Recreation	
Q	A	Q	A	Q	A	Q	A	Q	A
Q-15		Q-21		Q-29	–	Q-36	B	Q-47	C
1		1	–	Streams connected to the Wetland		Q-37	A	Q-48	C
2		2	D			Q-38	C	Q-49	B
3		3	A	Q	A	Q-39	–	Q-50	B
4	C	4	–	Q-30	–	Q-40	A	Asthetics	
5	B	Q-22	A	Q-31	–	Public Access to Wetland Site		Q	A
Q-16	4	Q-23	C	Q-32	–			Q-51	N/A
Q-17	C	Q-24	C	Lakes and Ponds		Q	A	Q-52	B
Q-18	A	Q-25	N/A			Q-41	B	Q-53	C
Q-19	B	Q-26	B	Q	A	Q-42	B	Q-54	C
Q-20		Q-27	A	Q-33	–	Q-43	A	Q-55	A
1		Q-28	C	Q-34	–	Q-44	C	Q-56	A
2				Q-35	–	Q-45	B	Q-57	A
3						Q-46	C	Q-58	B
4	C								
5									

15-5. undeveloped residential & industrial areas

43- southern edge bordered by upland forest/gorse

Wetland Characterization -- Field Form

Project Name: Bandon Local Wetland Inventory

Wetland Code: TUP-1

Watershed Setting: (Questions 1-14) See Attached Table

Wetland Structure and Relation to Surrounding Landscape		Wetland Habitat		Fisheries Habitat		Wetland Hydrology		Recreation	
Q	A	Q	A	Q	A	Q	A	Q	A
Q-15		Q-21		Q-29	-	Q-36	C	Q-47	C
1	B	1	A	Streams connected to the Wetland		Q-37	A	Q-48	C
2		2	-			Q-38	A	Q-49	B
3		3	D	Q	A	Q-39	-	Q-50	B
4	C	4	-	Q-30	-	Q-40	A	Asthetics	
5	B	Q-22	A	Q-31	-	Public Access to Wetland Site		Q	A
Q-16 - 1		Q-23	B	Q-32	-			Q-51	N/A
Q-17	B	Q-24	B	Lakes and Ponds		Q	A		
Q-18	B	Q-25	N/A			Q-41	C	Q-52	A
Q-19	A	Q-26	A	Q	A	Q-42	A	Q-53	A
Q-20		Q-27	B	Q-33	-	Q-43	A	Q-54	A
1	B	Q-28	A	Q-34	-	Q-44	A	Q-55	A
2				Q-35	-	Q-45	B	Q-56	A
3						Q-46	B	Q-57	C
4	C							Q-58	A
5									

15-5 ; 16 Estuary and beach

43 - Beach

Wetland Characterization -- Field Form

Project Name: Bandon Local Wetland Inventory

Wetland Code: TUP-2

Watershed Setting: (Questions 1-14) See Attached Table

Wetland Structure and Relation to Surrounding Landscape		Wetland Habitat		Fisheries Habitat		Wetland Hydrology		Recreation	
Q	A	Q	A	Q	A	Q	A	Q	A
Q-15		Q-21		Q-29	–	Q-36	B	Q-47	C
1	C	1	–	Streams connected to the Wetland		Q-37	A	Q-48	C
2		2	–			Q-38	A	Q-49	B
3		3	A	Q	A	Q-39	–	Q-50	B
4	B	4	–	Q-30	–	Q-40	A	Asthetics	
5		Q-22	A	Q-31	–	Public Access to Wetland Site		Q	A
Q-16		Q-23	A	Q-32	–			Q-51	N/A
Q-17	B	Q-24	C	Lakes and Ponds		Q	A	Q-52	A
Q-18	B	Q-25	N/A			Q-41	C	Q-53	A
Q-19	A	Q-26	A	Q	A	Q-42	B	Q-54	A
Q-20		Q-27	B	Q-33	–	Q-43	A	Q-55	A
1		Q-28	C	Q-34	–	Q-44	B	Q-56	A
2				Q-35	–	Q-45	A	Q-57	A
3						Q-46	C	Q-58	B
4	C								
5									

Q-16 POW/PEM Wetland & beach

43. undeveloped residential - scrub shrub buffer along steep hillslope to the south

Wetland Characterization -- Field Form

Project Name: Bandon Local Wetland Inventory

Wetland Code: TUP-3

Watershed Setting: (Questions 1-14) See Attached Table

Wetland Structure and Relation to Surrounding Landscape		Wetland Habitat		Fisheries Habitat		Wetland Hydrology		Recreation	
Q	A	Q	A	Q	A	Q	A	Q	A
Q-15		Q-21		Q-29	–	Q-36	B	Q-47	C
1	A	1	D	**Streams connected to the Wetland**		Q-37	B	Q-48	C
2	A	2	A			Q-38	C	Q-49	B
3	A	3	C	Q	A	Q-39	–	Q-50	B
4	B	4	~~D~~	Q-30	–	Q-40	B	**Asthetics**	
5 ✶	B	Q-22	A	Q-31	–	**Public Access to Wetland Site**		Q	A
Q-16	1	Q-23	B	Q-32	–			Q-51	N/A
Q-17	B	Q-24	B	**Lakes and Ponds**		Q	A	Q-52	B
Q-18	A	Q-25	N/A			Q-41	C	Q-53	A
Q-19	B	Q-26	B	Q	A	Q-42	A	Q-54	A
Q-20		Q-27	B	Q-33	–	Q-43	A	Q-55	A
1	A	Q-28	C	Q-34	–	Q-44	B	Q-56	A
2	A			Q-35	–	Q-45	B	Q-57	B
3	A					Q-46	C	Q-58	B
4	C								
5	A								

Q.15 (5) undeveloped residential

Q.43 - undeveloped dune and forested area

Wetland Characterization -- Field Form

Project Name: Bandon Local Wetland Inventory

Wetland Code: TUP-4

Watershed Setting: (Questions 1-14) See Attached Table

Wetland Structure and Relation to Surrounding Landscape		Wetland Habitat		Fisheries Habitat		Wetland Hydrology		Recreation	
Q	A	Q	A	Q	A	Q	A	Q	A
Q-15		Q-21		Q-29	–	Q-36	C	Q-47	C
1	A	1	Ø	Streams connected to the Wetland		Q-37	B	Q-48	C
2	A	2	D			Q-38	C	Q-49	B
3	A	3	A	Q	A	Q-39	–	Q-50	B
4	B	4	Ø	Q-30	–	Q-40	B	Asthetics	
5*	B	Q-22	A	Q-31	–	Public Access to Wetland Site			
Q-16	4	Q-23	A	Q-32	–			Q	A
Q-17	B	Q-24	B	Lakes and Ponds		Q	A	Q-51	N/A
Q-18	B	Q-25	N/A			Q-41	C	Q-52	B
Q-19	B	Q-26	B	Q	A	Q-42	A	Q-53	A
Q-20		Q-27	B	Q-33	–	Q-43	A	Q-54	A
1	A	Q-28	C	Q-34	–	Q-44	B	Q-55	A
2	A			Q-35	–	Q-45	B	Q-56	A
3	A					Q-46	C	Q-57	A
4	C							Q-58	B
5	A								

Q15 (5) - undeveloped residential Q43 - undeveloped dune area

Wetland Characterization -- Field Form

Project Name: Bandon Local Wetland Inventory

Wetland Code: TUP-5

Watershed Setting: (Questions 1-14) See Attached Table

Wetland Structure and Relation to Surrounding Landscape		Wetland Habitat		Fisheries Habitat		Wetland Hydrology		Recreation	
Q	A	Q	A	Q	A	Q	A	Q	A
Q-15		Q-21		Q-29	–	Q-36	B	Q-47	C
1	A	1	Ø	Streams connected to the Wetland		Q-37	A	Q-48	B
2	A	2	A			Q-38	C	Q-49	B
3	A	3	Ø	Q	A	Q-39	–	Q-50	B
4	A	4	Ø	Q-30	–	Q-40	A	Asthetics	
5 *	C	Q-22	B	Q-31	–	Public Access to Wetland Site		Q	A
Q-16		Q-23	C	Q-32	–			Q-51	N/A
Q-17	C	Q-24	C	Lakes and Ponds		Q	A	Q-52	A
Q-18	B	Q-25	N/A			Q-41	B	Q-53	A
Q-19	B	Q-26	B	Q	A	Q-42	A	Q-54	A
Q-20		Q-27	B	Q-33	–	Q-43	A	Q-55	A
1	A	Q-28	C	Q-34	–	Q-44	B	Q-56	A
2	A			Q-35	–	Q-45	B	Q-57	A
3	A					Q-46	B	Q-58	C
4	C								
5	A								

Q15(5) - under. residential

Q. 43 - under. residential

Wetland Characterization -- Field Form

Project Name: Bandon Local Wetland Inventory

Wetland Code: TUP-6

Watershed Setting: (Questions 1-14) See Attached Table

Wetland Structure and Relation to Surrounding Landscape		Wetland Habitat		Fisheries Habitat		Wetland Hydrology		Recreation	
Q	A	Q	A	Q	A	Q	A	Q	A
Q-15		Q-21		Q-29	–	Q-36	B	Q-47	C
1	B - Park	1		Streams connected to the Wetland		Q-37	A	Q-48	A
2		2	B			Q-38	A	Q-49	B
3		3	C	Q	A	Q-39	–	Q-50	B
4	C	4	C	Q-30	–	Q-40	B	Asthetics	
5		Q-22	A	Q-31	–	Public Access to Wetland Site		Q	A
Q-16	1	Q-23	C	Q-32	–			Q-51	N/A
Q-17	B	Q-24	A	Lakes and Ponds		Q	A	Q-52	A
Q-18	A	Q-25	N/A			Q-41	A	Q-53	A
Q-19	B	Q-26	A	Q	A	Q-42	A	Q-54	A
Q-20		Q-27	A	Q-33	–	Q-43	A	Q-55	A
1	B	Q-28	C	Q-34	–	Q-44	B	Q-56	A
2				Q-35	–	Q-45	B	Q-57	A
3						Q-46	B	Q-58	A
4	C								
5									

Q-16 Beach & Park

43 Stream at south end flows onto beach

Wetland Characterization -- Field Form

Project Name: Bandon Local Wetland Inventory

Wetland Code: JOH - 1

Watershed Setting: (Questions 1-14) See Attached Table

Wetland Structure and Relation to Surrounding Landscape		Wetland Habitat		Fisheries Habitat		Wetland Hydrology		Recreation	
Q	A	Q	A	Q	A	Q	A	Q	A
Q-15		Q-21		Q-29	-	Q-36	B	Q-47	C
1	C	1	-	Streams connected to the Wetland		Q-37	A	Q-48	A
2		2	D	Q	A	Q-38	C	Q-49	B
3		3	A	Q-30	-	Q-39	-	Q-50	B
4		4	D	Q-31	-	Q-40	A	Asthetics	
5		Q-22	B	Q-32	-	Public Access to Wetland Site		Q	A
Q-16	/	Q-23	B	Lakes and Ponds		Q	A	Q-51	N/A
Q-17	C	Q-24	C			Q-41	A	Q-52	A
Q-18	B	Q-25	N/A	Q	A	Q-42	A	Q-53	C
Q-19	B	Q-26	B	Q-33	-	Q-43	A	Q-54	C
Q-20		Q-27	B	Q-34	-	Q-44	A	Q-55	A
1	C	Q-28	C	Q-35	-	Q-45	A	Q-56	A
2						Q-46	A	Q-57	A
3								Q-58	A
4	B								
5									

16 - Forested portion of City Park and adjacent properties

43 - 90% of wetland bordered by forest/gorse

Wetland Characterization -- Field Form

Project Name: Bandon Local Wetland Inventory

Wetland Code: JOH-2

Watershed Setting: (Questions 1-14) See Attached Table

Wetland Structure and Relation to Surrounding Landscape		Wetland Habitat		Fisheries Habitat		Wetland Hydrology		Recreation	
Q	A	Q	A	Q	A	Q	A	Q	A
Q-15		Q-21		Q-29	—	Q-36	B	Q-47	C
1	A	1	Ø	Streams connected to the Wetland		Q-37	A	Q-48	C
2	A	2	A			Q-38	C	Q-49	B
3	A	3	Ø	Q	A	Q-39	—	Q-50	B
4	A	4	Ø	Q-30	—	Q-40	A	Asthetics	
5	C	Q-22	B	Q-31	—	Public Access to Wetland Site		Q	A
Q-16	5	Q-23	C	Q-32	—			Q-51	N/A
Q-17	C	Q-24	C	Lakes and Ponds		Q	A	Q-52	A
Q-18	B	Q-25	N/A			Q-41	B	Q-53	A
Q-19	B	Q-26	B	Q	A	Q-42	A	Q-54	A
Q-20		Q-27	B	Q-33	—	Q-43	A	Q-55	A
1	A	Q-28	C	Q-34	—	Q-44	B	Q-56	B
2	A			Q-35	—	Q-45	A	Q-57	A
3	A					Q-46	C	Q-58	C
4	C								
5	A								

Q.15(3) - under. residential

Q.43 - undeveloped V

Wetland Characterization -- Field Form

Project Name: Bandon Local Wetland Inventory

Wetland Code: JOH-3A

Watershed Setting: (Questions 1-14) See Attached Table

Wetland Structure and Relation to Surrounding Landscape		Wetland Habitat		Fisheries Habitat		Wetland Hydrology		Recreation	
Q	A	Q	A	Q	A	Q	A	Q	A
Q-15		Q-21		Q-29	—	Q-36	B	Q-47	C
1	A	1	Ø	Streams connected to the Wetland		Q-37	A	Q-48	C
2	A	2	B			Q-38	C	Q-49	B
3	A	3	D	Q	A	Q-39	—	Q-50	B
4	A	4	C	Q-30	—	Q-40	A	Asthetics	
5	C	Q-22	A	Q-31	—	Public Access to Wetland Site		Q	A
Q-16	5	Q-23	A	Q-32	—			Q-51	N/A
Q-17	A	Q-24	A	Lakes and Ponds		Q	A	Q-52	A
Q-18	A	Q-25	N/A			Q-41	B	Q-53	A
Q-19	B	Q-26	A	Q	A	Q-42	B	Q-54	A
Q-20		Q-27	A	Q-33	—	Q-43	A	Q-55	A
1	A	Q-28	C	Q-34	—	Q-44	B	Q-56	A
2	A			Q-35	—	Q-45	B	Q-57	C
3	A					Q-46	C	Q-58	B
4	C								
5	A								

Q. 15 (5) - under. residential

Q.43 - undeveloped w buffer forested/gorse

Wetland Characterization -- Field Form

Project Name: Bandon Local Wetland Inventory

Wetland Code: JOH-3B

Watershed Setting: (Questions 1-14) See Attached Table

Wetland Structure and Relation to Surrounding Landscape		Wetland Habitat		Fisheries Habitat		Wetland Hydrology		Recreation	
Q	A	Q	A	Q	A	Q	A	Q	A
Q-15		Q-21		Q-29	—	Q-36	B	Q-47	C
1	A	1	Ø	Streams connected to the Wetland		Q-37	A	Q-48	C
2	C	2	A			Q-38	C	Q-49	B
3	A	3	C	Q	A	Q-39	—	Q-50	B
4	A	4	Ø	Q-30	—	Q-40	B	Asthetics	
5	A	Q-22	A	Q-31	—	Public Access to Wetland Site		Q	A
Q-16	2	Q-23	C	Q-32	—			Q-51	N/A
Q-17	C	Q-24	C	Lakes and Ponds		Q	A	Q-52	B
Q-18	A	Q-25	N/A			Q-41	C	Q-53	B
Q-19	B	Q-26	B	Q	A	Q-42	B	Q-54	B
Q-20		Q-27	A	Q-33	—	Q-43	A	Q-55	A
1	A	Q-28	C	Q-34	—	Q-44	B	Q-56	A
2	A			Q-35	—	Q-45	B	Q-57	B
3	A					Q-46	C	Q-58	B
4	C								
5	A								

Q.43 - agricultural lands

Wetland Characterization -- Field Form

Project Name: Bandon Local Wetland Inventory

Wetland Code: JOH-3C

Watershed Setting: (Questions 1-14) See Attached Table

Wetland Structure and Relation to Surrounding Landscape		Wetland Habitat		Fisheries Habitat		Wetland Hydrology		Recreation	
Q	A	Q	A	Q	A	Q	A	Q	A
Q-15		Q-21		Q-29	B	Q-36	A	Q-47	C
1	A	1	Ø	Streams connected to the Wetland		Q-37	A	Q-48	C
2	C	2	A			Q-38	C	Q-49	B
3	A	3	C	Q	A	Q-39	A	Q-50	B
4	A	4	D	Q-30	B	Q-40	B	Asthetics	
5	A	Q-22	A	Q-31	B	Public Access to Wetland Site		Q	A
Q-16	2	Q-23	A	Q-32	C			Q-51	N/A
Q-17	B	Q-24	C	Lakes and Ponds		Q	A	Q-52	B
Q-18	A	Q-25	N/A			Q-41	C	Q-53	B
Q-19	B	Q-26	B	Q	A	Q-42	A	Q-54	B
Q-20		Q-27	A	Q-33	B	Q-43	A	Q-55	A
1	A	Q-28	C	Q-34	C	Q-44	B	Q-56	A
2	A			Q-35	B	Q-45	B	Q-57	C
3	A					Q-46	B	Q-58	B
4	C								
5	A								

Q 43 - ag. lands + forested

Wetland Characterization -- Field Form

Project Name: Bandon Local Wetland Inventory

Wetland Code: JOH-3D

Watershed Setting: (Questions 1-14) See Attached Table

Wetland Structure and Relation to Surrounding Landscape		Wetland Habitat		Fisheries Habitat		Wetland Hydrology		Recreation	
Q	A	Q	A	Q	A	Q	A	Q	A
Q-15		Q-21		Q-29	B	Q-36	A	Q-47	C
1	A	1	Ø	Streams connected to the Wetland		Q-37	B	Q-48	A
2	A	2	A			Q-38	C	Q-49	B
3	A	3	D	Q	A	Q-39	A	Q-50	B
4	A	4	C	Q-30	B	Q-40	B	Asthetics	
5	C	Q-22	A	Q-31	C	Public Access to Wetland Site		Q	A
Q-16	1	Q-23	A	Q-32	B			Q-51	N/A
Q-17	A	Q-24	B	Lakes and Ponds		Q	A		
Q-18	A	Q-25	N/A			Q-41	B	Q-52	B
Q-19	A	Q-26	B	Q	A	Q-42	B	Q-53	B
Q-20		Q-27	A	Q-33	C	Q-43	A	Q-54	B
1	A	Q-28	B	Q-34	B	Q-44	B	Q-55	A
2	A			Q-35	B	Q-45	A	Q-56	A
3	A					Q-46	C	Q-57	C
4	C							Q-58	A
5	A								

Q.15(5) - Undeveloped forested wetland and gorse

43. Golf course & forested wetland/gorse

Wetland Characterization -- Field Form

Project Name: Bandon Local Wetland Inventory

Wetland Code: JOH-3E

Watershed Setting: (Questions 1-14) See Attached Table

Wetland Structure and Relation to Surrounding Landscape		Wetland Habitat		Fisheries Habitat		Wetland Hydrology		Recreation	
Q	A	Q	A	Q	A	Q	A	Q	A
Q-15		Q-21		Q-29	B	Q-36	A	Q-47	C
1	A	1	Ø	Streams connected to the Wetland		Q-37	A	Q-48	C
2	A	2	C	Q	A	Q-38	C	Q-49	B
3	A	3	B	Q-30	A	Q-39	A	Q-50	B
4	B	4	Ø	Q-31	A	Q-40	A	Asthetics	
5	C	Q-22	A	Q-32	A	Public Access to Wetland Site		Q	A
Q-16	2	Q-23	A	Lakes and Ponds		Q	A	Q-51	N/A
Q-17	A	Q-24	A	Q	A	Q-41	B	Q-52	B
Q-18	A	Q-25	N/A	Q-33	A	Q-42	B	Q-53	A
Q-19	A	Q-26	B	Q-34	A	Q-43	A	Q-54	A
Q-20		Q-27	A	Q-35	A	Q-44	B	Q-55	A
1	A	Q-28	C			Q-45	B	Q-56	A
2	A					Q-46	C	Q-57	C
3	A							Q-58	B
4	C								
5	A								

Q.15 (5) - undeveloped/airport

Q.43 - v forested/gorse

Wetland Characterization -- Field Form

Project Name: Bandon Local Wetland Inventory

Wetland Code: JOH -4

Watershed Setting: (Questions 1-14) See Attached Table

Wetland Structure and Relation to Surrounding Landscape		Wetland Habitat		Fisheries Habitat		Wetland Hydrology		Recreation	
Q	A	Q	A	Q	A	Q	A	Q	A
Q-15		Q-21		Q-29	—	Q-36	B	Q-47	C
1	A	1	Ø	Streams connected to the Wetland		Q-37	B	Q-48	C
2	A	2	D			Q-38	C	Q-49	B
3	A	3	C	Q	A	Q-39	—	Q-50	B
4	A	4	A	Q-30	—	Q-40	B	Asthetics	
5	C	Q-22	A	Q-31	—	Public Access to Wetland Site		Q	A
Q-16	5	Q-23	A	Q-32	—			Q-51	N/A
Q-17	A	Q-24	A	Lakes and Ponds		Q	A		
Q-18	B	Q-25	N/A			Q-41	C	Q-52	A
Q-19	B	Q-26	A	Q	A	Q-42	B	Q-53	A
Q-20		Q-27	A	Q-33	—	Q-43	A	Q-54	A
1	A	Q-28	C	Q-34	—	Q-44	B	Q-55	A
2	A			Q-35	—	Q-45	B	Q-56	B
3	A					Q-46	C	Q-57	B
4	C							Q-58	A
5	A								

Q.15(5) undeveloped gorse

Q.43 V gorse & forest

Wetland Characterization -- Field Form

Project Name: Bandon Local Wetland Inventory

Wetland Code: JOH-5

Watershed Setting: (Questions 1-14) See Attached Table

Wetland Structure and Relation to Surrounding Landscape		Wetland Habitat		Fisheries Habitat		Wetland Hydrology		Recreation	
Q	A	Q	A	Q	A	Q	A	Q	A
Q-15		Q-21		Q-29	–	Q-36	B	Q-47	C
1	A	1	Ø	Streams connected to the Wetland		Q-37	B	Q-48	C
2	C	2	Ø	Q	A	Q-38	C	Q-49	B
3	A	3	A	Q-30	–	Q-39	–	Q-50	B
4	A	4	Ø	Q-31	–	Q-40	B	Asthetics	
5	A	Q-22	B	Q-32	–	Public Access to Wetland Site		Q	A
Q-16	2	Q-23	A	Lakes and Ponds		Q	A	Q-51	N/A
Q-17	B	Q-24	C	Q	A	Q-41	C	Q-52	B
Q-18	B	Q-25	N/A	Q-33	–	Q-42	B	Q-53	A
Q-19	B	Q-26	B	Q-34	–	Q-43	A	Q-54	A
Q-20		Q-27	B	Q-35	–	Q-44	B	Q-55	A
1	A	Q-28	C			Q-45	B	Q-56	B
2	A					Q-46	C	Q-57	B
3	A							Q-58	C
4	C								
5	A								

Q.43 - ag. land

Wetland Characterization -- Field Form

Project Name: Bandon Local Wetland Inventory

Wetland Code: JOH-6

Watershed Setting: (Questions 1-14) See Attached Table

Wetland Structure and Relation to Surrounding Landscape		Wetland Habitat		Fisheries Habitat		Wetland Hydrology		Recreation	
Q	A	Q	A	Q	A	Q	A	Q	A
Q-15		Q-21		Q-29	–	Q-36	B	Q-47	C
1	A	1	Ø	Streams connected to the Wetland		Q-37	B	Q-48	C
2	A	2	D	Q	A	Q-38	C	Q-49	B
3	A	3	C	Q-30	–	Q-39	–	Q-50	B
4	A	4	A	Q-31	–	Q-40	A	Asthetics	
5	C	Q-22	A	Q-32	–	Public Access to Wetland Site		Q	A
Q-16	5	Q-23	A	Lakes and Ponds		Q	A	Q-51	N/A
Q-17	A	Q-24	B	Q	A	Q-41	B	Q-52	A
Q-18	A	Q-25	N/A	Q-33	–	Q-42	B	Q-53	A
Q-19	B	Q-26	B	Q-34	–	Q-43	A	Q-54	A
Q-20		Q-27	B	Q-35	–	Q-44	B	Q-55	A
1	A	Q-28	C			Q-45	B	Q-56	A
2	A					Q-46	C	Q-57	C
3	A							Q-58	B
4	C								
5	A								

Q. 15(5) - undeveloped residential

Q. 43 gorse U

Wetland Characterization -- Field Form

Project Name: Bandon Local Wetland Inventory

Wetland Code: JOH-7

Watershed Setting: (Questions 1-14) See Attached Table

Wetland Structure and Relation to Surrounding Landscape		Wetland Habitat		Fisheries Habitat		Wetland Hydrology		Recreation	
Q	A	Q	A	Q	A	Q	A	Q	A
Q-15		Q-21		Q-29	–	Q-36	B	Q-47	C
1	A	1	Ø	Streams connected to the Wetland		Q-37	A	Q-48	C
2	A	2	A			Q-38	C	Q-49	B
3	A	3	C	Q	A	Q-39	–	Q-50	B
4	A	4	Ø	Q-30	–	Q-40	A	Asthetics	
5	C	Q-22	A	Q-31	–	Public Access to Wetland Site		Q	A
Q-16	5	Q-23	C	Q-32	–			Q-51	N/A
Q-17	B	Q-24	B	Lakes and Ponds		Q	A	Q-52	A
Q-18	A	Q-25	N/A			Q-41	C	Q-53	B
Q-19	B	Q-26	B	Q	A	Q-42	A	Q-54	B
Q-20		Q-27	A	Q-33	–	Q-43	A	Q-55	A
1	A	Q-28	C	Q-34	–	Q-44	B	Q-56	A
2	A			Q-35	–	Q-45	B	Q-57	A
3	A					Q-46	C	Q-58	B
4	C								
5	A								

Q.15(5) - under residential

Q.43 gorse/forested U

Wetland Characterization -- Field Form

Project Name: Bandon Local Wetland Inventory

Wetland Code: JOH-8

Watershed Setting: (Questions 1-14) See Attached Table

Wetland Structure and Relation to Surrounding Landscape		Wetland Habitat		Fisheries Habitat		Wetland Hydrology		Recreation	
Q	A	Q	A	Q	A	Q	A	Q	A
Q-15		Q-21		Q-29	B	Q-36	A	Q-47	C
1	A	1	Ø	Streams connected to the Wetland		Q-37	A	Q-48	C
2	A	2	Ø			Q-38	C	Q-49	B
3	A	3	C	Q	A	Q-39	A	Q-50	B
4	B	4	A	Q-30	C	Q-40	A	Asthetics	
5	C	Q-22	A	Q-31	C	Public Access to Wetland Site		Q	A
Q-16	5	Q-23	B	Q-32	C			Q-51	N/A
Q-17	B	Q-24	C	Lakes and Ponds		Q	A	Q-52	B
Q-18	A	Q-25	N/A			Q-41	B	Q-53	B
Q-19	B	Q-26	B	Q	A	Q-42	B	Q-54	B
Q-20		Q-27	B	Q-33	C	Q-43	A	Q-55	A
1	A	Q-28	C	Q-34	C	Q-44	B	Q-56	A
2	A			Q-35	C	Q-45	B	Q-57	C
3	A					Q-46	C	Q-58	B
4	C								
5	A								

15(5) - under. residential

Q.43 - under. T/gorse

Wetland Characterization -- Field Form

Project Name: Bandon Local Wetland Inventory

Wetland Code: JOH-9

Watershed Setting: (Questions 1-14) See Attached Table

Wetland Structure and Relation to Surrounding Landscape		Wetland Habitat		Fisheries Habitat		Wetland Hydrology		Recreation	
Q	A	Q	A	Q	A	Q	A	Q	A
Q-15		Q-21		Q-29	–	Q-36	B	Q-47	C
1	A	1	Ø	Streams connected to the Wetland		Q-37	A	Q-48	C
2	B	2	A			Q-38	C	Q-49	B
3	A	3	D	Q	A	Q-39	–	Q-50	B
4	B	4	Ø	Q-30	–	Q-40	B	Asthetics	
5	A	Q-22	A	Q-31	–	Public Access to Wetland Site		Q	A
Q-16	4	Q-23	C	Q-32	–			Q-51	N/A
Q-17	B	Q-24	C	Lakes and Ponds		Q	A	Q-52	B
Q-18	A	Q-25	N/A			Q-41	B	Q-53	A
Q-19	B	Q-26	B	Q	A	Q-42	B	Q-54	A
Q-20		Q-27	B	Q-33	–	Q-43	A	Q-55	A
1	A	Q-28	C	Q-34	–	Q-44	B	Q-56	A
2	A			Q-35	–	Q-45	B	Q-57	A
3	A					Q-46	C	Q-58	B
4	C								
5	A								

Q43 - pasture

Wetland Characterization -- Field Form

Project Name: Bandon Local Wetland Inventory

Wetland Code: JOH-10

Watershed Setting: (Questions 1-14) See Attached Table

Wetland Structure and Relation to Surrounding Landscape		Wetland Habitat		Fisheries Habitat		Wetland Hydrology		Recreation	
Q	A	Q	A	Q	A	Q	A	Q	A
Q-15		Q-21		Q-29	—	Q-36	B	Q-47	C
1	a	1	—	Streams connected to the Wetland		Q-37	A	Q-48	C
2		2	A	Q	A	Q-38	A	Q-49	B
3		3	—	Q-30	—	Q-39	—	Q-50	B
4	a	4	—	Q-31	—	Q-40	B	Asthetics	
5	C	Q-22	A	Q-32	—	Public Access to Wetland Site		Q	A
Q-16	4-dev	Q-23	C	Lakes and Ponds		Q	A	Q-51	N/A
Q-17	B	Q-24	C	Q	A	Q-41	C	Q-52	C
Q-18	B	Q-25	N/A	Q-33	—	Q-42	A	Q-53	C
Q-19	B	Q-26	B	Q-34	—	Q-43	B	Q-54	C
Q-20		Q-27	B	Q-35	—	Q-44	C	Q-55	A
1		Q-28	C			Q-45	B	Q-56	A
2						Q-46	B	Q-57	A
3								Q-58	B
4	C								
5									

15-5 → Undeveloped residential, currently open grasslands

Wetland Characterization -- Field Form

Project Name: Bandon Local Wetland Inventory

Wetland Code: SOH - 11

Watershed Setting: (Questions 1-14) See Attached Table

Wetland Structure and Relation to Surrounding Landscape		Wetland Habitat		Fisheries Habitat		Wetland Hydrology		Recreation	
Q	A	Q	A	Q	A	Q	A	Q	A
Q-15		Q-21		Q-29	B	Q-36	B	Q-47	C
1	A	1	–	Streams connected to the Wetland		Q-37	A	Q-48	C
2		2	C	Q	A	Q-38	A	Q-49	B
3		3	A	Q-30	C	Q-39	–	Q-50	B
4	B	4	–	Q-31	C	Q-40	A	Asthetics	
5	B - golf course	Q-22	A	Q-32	C	Public Access to Wetland Site		Q	A
Q-16	5 - golf course	Q-23	C	Lakes and Ponds		Q	A	Q-51	N/A
Q-17	B	Q-24	B	Q	A	Q-41	C	Q-52	C
Q-18	A	Q-25	N/A	Q-33	C	Q-42	A	Q-53	C
Q-19	B	Q-26	B	Q-34	C	Q-43	A	Q-54	C
Q-20		Q-27	A	Q-35	C	Q-44	B	Q-55	A
1	A	Q-28	C			Q-45	A	Q-56	A
2						Q-46	A	Q-57	B
3								Q-58	A
4	C								
5									

43 - Wetland is bordered by upland forest and scrub shrub, ~~Southern portion~~ wetland is contiguous with tributary of Johnson Creek

Wetland Characterization -- Field Form

Project Name: Bandon Local Wetland Inventory

Wetland Code: JOH - 12

Watershed Setting: (Questions 1-14) See Attached Table

Wetland Structure and Relation to Surrounding Landscape		Wetland Habitat		Fisheries Habitat		Wetland Hydrology		Recreation	
Q	A	Q	A	Q	A	Q	A	Q	A
Q-15		Q-21		Q-29	–	Q-36	B	Q-47	C
1	B	1	Ø	Streams connected to the Wetland		Q-37	A	Q-48	C
2	A	2	Ø			Q-38	C	Q-49	B
3	A	3	A	Q	A	Q-39	–	Q-50	B
4	C	4	Ø	Q-30	–	Q-40	A	Asthetics	
5	A	Q-22	A	Q-31	–	Public Access to Wetland Site		Q	A
Q-16	4	Q-23	A	Q-32	–			Q-51	N/A
Q-17	B	Q-24	C	Lakes and Ponds		Q	A	Q-52	B
Q-18	B	Q-25	N/A			Q-41	C	Q-53	A
Q-19	B	Q-26	B	Q	A	Q-42	B	Q-54	A
Q-20		Q-27	B	Q-33	–	Q-43	B	Q-55	A
1	A	Q-28	C	Q-34	–	Q-44	B	Q-56	A
2	A			Q-35	–	Q-45	B	Q-57	A
3	A					Q-46	C	Q-58	C
4	C								
5	A								

Wetland Characterization -- Field Form

Project Name: Bandon Local Wetland Inventory

Wetland Code: JOH -13

Watershed Setting: (Questions 1-14) See Attached Table

Wetland Structure and Relation to Surrounding Landscape		Wetland Habitat		Fisheries Habitat		Wetland Hydrology		Recreation	
Q	A	Q	A	Q	A	Q	A	Q	A
Q-15		Q-21		Q-29	–	Q-36	B	Q-47	C
1	A	1	Ø	Streams connected to the Wetland		Q-37	B	Q-48	C
2	A	2	Ø	Q	A	Q-38	C	Q-49	B
3	A	3	A	Q-30	–	Q-39	–	Q-50	B
4	A	4	Ø	Q-31	–	Q-40	A	Asthetics	
5	C	Q-22	B	Q-32	–	Public Access to Wetland Site		Q	A
Q-16	4	Q-23	A	Lakes and Ponds		Q	A	Q-51	N/A
Q-17	B	Q-24	C	Q	A	Q-41	C	Q-52	A
Q-18	B	Q-25	N/A	Q-33	–	Q-42	B	Q-53	B
Q-19	B	Q-26	A	Q-34	–	Q-43	A	Q-54	B
Q-20		Q-27	B	Q-35	–	Q-44	B	Q-55	A
1	A	Q-28	C			Q-45	B	Q-56	A
2	A					Q-46	C	Q-57	A
3	A							Q-58	C
4	C								
5	A								

15(5) - undeveloped residential

43. U gorse

Wetland Characterization -- Field Form

Project Name: Bandon Local Wetland Inventory

Wetland Code: JOH-14

Watershed Setting: (Questions 1-14) See Attached Table

Wetland Structure and Relation to Surrounding Landscape		Wetland Habitat		Fisheries Habitat		Wetland Hydrology		Recreation	
Q	A	Q	A	Q	A	Q	A	Q	A
Q-15		Q-21		Q-29	—	Q-36	B	Q-47	C
1	A	1	Ø	Streams connected to the Wetland		Q-37	A	Q-48	C
2	A	2	A	Q	A	Q-38	C	Q-49	B
3	A	3	Ø	Q-30	—	Q-39	—	Q-50	B
4	B	4	Ø	Q-31	—	Q-40	A	Asthetics	
5	C	Q-22	B	Q-32	—	Public Access to Wetland Site		Q	A
Q-16	5	Q-23	C	Lakes and Ponds		Q	A	Q-51	N/A
Q-17	C	Q-24	C	Q	A	Q-41	C	Q-52	A
Q-18	B	Q-25	N/A	Q-33	—	Q-42	B	Q-53	B
Q-19	B	Q-26	B	Q-34	—	Q-43	A	Q-54	B
Q-20		Q-27	B	Q-35	—	Q-44	B	Q-55	A
1	A	Q-28	C			Q-45	B	Q-56	A
2	A					Q-46	C	Q-57	A
3	A							Q-58	C
4	C								
5	A								

Q. 15(5) - under. unidentified

43 - under. V / gorse

Wetland Characterization -- Field Form

Project Name: Bandon Local Wetland Inventory

Wetland Code: JOH-15

Watershed Setting: (Questions 1-14) See Attached Table

Wetland Structure and Relation to Surrounding Landscape		Wetland Habitat		Fisheries Habitat		Wetland Hydrology		Recreation	
Q	A	Q	A	Q	A	Q	A	Q	A
Q-15		Q-21		Q-29	B	Q-36	B	Q-47	C
1	A	1	Ø	Streams connected to the Wetland		Q-37	B	Q-48	C
2	A	2	C			Q-38	C	Q-49	B
3	A	3	B	Q	A	Q-39	—	Q-50	B
4	A	4	D	Q-30	B	Q-40	B	Asthetics	
5	C	Q-22	A	Q-31	A	Public Access to Wetland Site		Q	A
Q-16	1	Q-23	A	Q-32	C			Q-51	N/A
Q-17	B	Q-24	B	Lakes and Ponds		Q	A	Q-52	A
Q-18	A	Q-25	N/A			Q-41	C	Q-53	A
Q-19	B	Q-26	A	Q	A	Q-42	B	Q-54	A
Q-20		Q-27	A	Q-33	A	Q-43	A	Q-55	A
1	A	Q-28	C	Q-34	C	Q-44	B	Q-56	A
2	A			Q-35	B	Q-45	B	Q-57	C
3	A					Q-46	C	Q-58	A
4	C								
5	A								

15(5) - under. residential

43. w forest/gorse

Wetland Characterization -- Field Form

Project Name: Bandon Local Wetland Inventory

Wetland Code: JOH-16

Watershed Setting: (Questions 1-14) See Attached Table

Wetland Structure and Relation to Surrounding Landscape		Wetland Habitat		Fisheries Habitat		Wetland Hydrology		Recreation	
Q	A	Q	A	Q	A	Q	A	Q	A
Q-15		Q-21		Q-29	B	Q-36	A	Q-47	C
1	A	1	C	**Streams connected to the Wetland**		Q-37	A	Q-48	C
2	B	2	B			Q-38	B	Q-49	B
3	A	3	C	Q	A	Q-39	–	Q-50	B
4	A	4	Ø	Q-30	A	Q-40	A	**Asthetics**	
5	C	Q-22	A	Q-31	B	**Public Access to Wetland Site**		Q	A
Q-16	5	Q-23	B	Q-32	A			Q-51	N/A
Q-17	B	Q-24	B	**Lakes and Ponds**		Q	A	Q-52	A
Q-18	A	Q-25	N/A			Q-41	B	Q-53	A
Q-19	B	Q-26	B	Q	A	Q-42	B	Q-54	A
Q-20		Q-27	A	Q-33	B	Q-43	A	Q-55	A
1	A	Q-28	C	Q-34	A	Q-44	B	Q-56	B
2	A			Q-35	A	Q-45	A	Q-57	B
3	A					Q-46	C	Q-58	A
4	C								
5	A								

15(5) under residential

43) undeveloped forest/pasture

Wetland Characterization -- Field Form

Project Name: Bandon Local Wetland Inventory

Wetland Code: JOH-17

Watershed Setting: (Questions 1-14) See Attached Table

Wetland Structure and Relation to Surrounding Landscape		Wetland Habitat		Fisheries Habitat		Wetland Hydrology		Recreation	
Q	A	Q	A	Q	A	Q	A	Q	A
Q-15		Q-21		Q-29	—	Q-36	B	Q-47	C
1	A	1	Ø	Streams connected to the Wetland		Q-37	A	Q-48	C
2	A	2	A	Q	A	Q-38	C	Q-49	B
3	A	3	Ø	Q-30	—	Q-39	—	Q-50	B
4	A	4	Ø	Q-31	—	Q-40	B	Asthetics	
5	C	Q-22	B	Q-32	—	Public Access to Wetland Site		Q	A
Q-16	4	Q-23	C	Lakes and Ponds		Q	A	Q-51	N/A
Q-17	B	Q-24	C	Q	A	Q-41	C	Q-52	C
Q-18	A	Q-25	N/A	Q-33	—	Q-42	B	Q-53	C
Q-19	B	Q-26	C	Q-34	—	Q-43	B	Q-54	C
Q-20		Q-27	A	Q-35	—	Q-44	C	Q-55	B
1	A	Q-28	C			Q-45	B	Q-56	B
2	A					Q-46	C	Q-57	A
3	A							Q-58	C
4	C								
5	A								

15(5) undeveloped industrial

WETLAND CHARACTERIZATION- WATERSHED SETTING
QUESTIONS 1-14
OFWAM

Name of Drainage Basin: SOUTH COAST

Watershed Name	Square Miles	Average Slope	Stream Flow Modified by Dams	Active Diking Upstream	Dominant Land Use (Upstream)	Streams/Water Quality Limited	Non-Point Sources	Fisheries	S/T/E Fish Species	Wildlife Species	S/T/E Plant or Wildlife Species	Natural Corridor /Fish & Wildlife	Landscape Features/ Both Ends Corridor
Q.1	Q.2	Q.3	Q.4	Q.5	Q.6	Q.7	Q.8	Q.9	Q.10	Q.11	Q.12	Q.13	Q.14
Simpson Cr.	.62	0-7%	B	No	Agriculture/Rural residential	B	A	A, B	No	A, C	C	A	A
Ferry Cr.	.60	0-7%	C	No	Forestry/ Agriculture	B	A	A, B, C, D, E	Steelhead Trout / *Oncorhynchus mykiss* Coastal Cutthroat Trout / *Oncorhynchus clarki clarki* Coho Salmon / *Oncorhynchus kisutch* Chum Salmon / *Oncorhynchus keta*	A, C	C	A	B
Gross Cr.	.71	0-7%	C	No	Urban/Urbanizing	B	A	B	No	A, C	C	C	C
Tupper Cr.	.32	0-7%	C	No	Urbanizing	B	A	F	No	A, C	C	C	B
Johnson Cr.	1.69	0-7%	C	No	Urbanizing	A	B	A, B	No	A, C	C	B	A
Coquille R.	0.39	0-7%	B	Yes	Urbanizing, Agriculture, Forested	A	C	A, B, C, D, E,	Steelhead Trout / *Oncorhynchus mykiss* Coastal Cutthroat Trout / *Oncorhynchus clarki clarki* Coho Salmon / *Oncorhynchus kisutch* Chum Salmon / *Oncorhynchus keta*	A, C	C	B	B