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1.0 INTRODUCTION

The City of Eugene (City) hired Pacific Habitat Services, Inc. (PHS) to conduct a Local Wetlands Inventory (LWI) for a 39,658-acre study area within the City's Urban Growth Boundary. The Eugene study area is located west of the Interstate-5 corridor, south of the McKenzie River (Township 16 South, Range 4 West, Sections 32, 33, 35, and 36; Township 17 South, Range 3 West, Sections 7 to 9, 16 to 21, and 28 to 33; Township 17 South, Range 4 West, Sections 1 to 5, 8 to 17, 20 to 29, and 36; Township 18 South, Range 3 West Sections 3 to 10, 13 to 16, and 19 to 21; Township 18 South, Range 4 West, Sections 1 to 3 and 9 to 13). This LWI does not include those portions of southwest Eugene that were previously included within the West Eugene Wetlands Plan Area. Figure 1 (Appendix A) illustrates the location of the study area.

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.

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). Section 4 discusses the study area characteristics, such as the climate, topography, soils and vegetation. Section 5 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 6 discusses the determination of significant wetlands according to Goal 5. Section 7 provides a project summary, and Section 8 includes references.

There are six appendices to the report. Appendix A contains figures illustrating general location, soils and the National Wetlands Inventory maps of the study area. It also contains maps showing the wetland inventory results. Appendix B contains the wetland characterization sheets for each wetland, organized by wetland code. The characterization sheets note wetland location, tax lots (included on summary sheet), 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 within the project area.

2.0 DEFINITIONS

These terms helped define the methodology used for the City of Eugene 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.

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.

Hydrogeomorphic (HGM) method

Wetland classification system based upon a wetland's hydrogeomorphic characteristics; namely dominant water source and setting in the landscape. Select HGM classes and subclasses identified in the Eugene area are as follows (from Adamus, 2001):

Depressional class. Fed mainly by overland runoff, which enters from all 3 or 4 compass directions, and/or by stormwater pipes, or drainage ditches. Usually in a deep (>2 foot)

basin, which may have been deepened by excavation. Usually inundated permanently. Often in natural depressions in rolling or hilly terrain.

Depressional Closed, Permanently flooded (DCP) subclass. Meets criteria for Depressional class and: includes more than 0.25 acre of standing water which remains in the basin during the driest season of every year; has no outlet channel or other water connection to a permanent river or lake more than once every 3 years; a pH of less than 8 most growing seasons; and cover that is never more than 10% *Sphagnum* moss.

Depressional Closed, Nonpermanently flooded (DCNP) subclass. Meets criteria for Depressional class and: is completely without surface water (or having less than 0.25 acre of surface) for at least one day of most years; has no outlet channel or other water connection to a permanent river or lake more than once every 3 years; a pH of less than 8 most growing seasons; and cover that is never more than 10% *Sphagnum* moss.

Depressional Outflow (DO) subclass. Meets criteria for Depressional class and: has one or more outlet channels or other surface water connection to a permanent river, lake, or estuary more than once every 3 years; a pH of less than 8 most growing seasons; and cover that is never more than 10% *Sphagnum* moss.

Flats class. Hydrology is dominated by direct precipitation, secondarily by lateral subsurface flow or surface runoff. Many Flats sites can be characterized as “isolated” from navigable waters. Flats class can include vernal pools, farmed wetlands, wet meadows, shallow ephemeral ponds, and wet prairies.

Riverine class. Occur in topographic valleys, always in association with channels of streams and rivers. Includes all vegetation that borders channels, whether the channel be intermittent or permanent, natural or manmade; and whether the vegetation be hydrophytic or not.

Riverine Flow-through (RFT) subclass. Meets criteria for Riverine class and most of the surface water is visibly flowing during the wet season and is not substantially ponded (delayed) by natural or artificial constrictions.

Riverine Impounding (RI) subclass. Meets criteria for Riverine class and most of the surface water during 2-year flood events is visibly and substantially ponded (delayed). Water flow is usually unidirectional, but during floods may become backed up and show no clear travel path. Constrictions can be natural or artificial.

Slopes class. Hydrology is dominated by groundwater inputs. Slopes sites lose water via evapotranspiration, surface outflows, and subsurface interflow. Many Slopes sites can be characterized as “isolated” from navigable waters.

Slope/Flat (S/F) subclass. A subclass of both Slopes class and Flats class that is specific to the Willamette Valley. Applied when dominant source of hydrology is difficult or impossible to discern.

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.

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). The following are palustrine system classes.

- **Aquatic bed (PAB)**

Wetland and deepwater habitats dominated by plants that grow principally on or below the surface of the water.

- **Unconsolidated bottom (PUB)**

Wetland and deepwater habitats with at least 25% cover of particles smaller than stones, and a vegetative cover of less than 30%.

- **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.

Riverine System (R--)

"All wetlands and deepwater habitats contained within a channel, with two exceptions: (1) wetlands dominated by trees, shrubs, persistent emergents, emergent mosses, or lichens, and (2) habitats with water containing ocean-derived salts in excess of 0.5‰." (Cowardin et. al. 1979). The following is a Riverine wetland subsystem.

- **Lower perennial**

The gradient is low and water velocity is slow. There is no tidal influence, and some water flows throughout the year.

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)

3.0 PROJECT METHODOLOGY

3.1 Public Involvement

Prior to beginning the inventory, the City of Eugene 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 to access their property(s) to document the presence or absence of potentially jurisdictional wetlands.

Landowners were requested to mark a box on the access notice, either granting site access, denying site access, or granting access by appointment. A parcel-based map of the Urban Growth Boundary of Eugene was prepared by the City showing those parcels where access was approved, denied or an appointment was requested. These maps were used in the field by PHS staff during the inventory.

Two public meetings were held during the course of the inventory. The first meeting was held on May 14, 2003, to introduce the project to the residents of Eugene. This meeting was held prior to the date required for return of the access request letters to answer any questions affected landowners may have for representatives of the City of Eugene, PHS, or DSL.

The second public meeting was held on October 19, 2003, to present the draft results of the wetland inventory to the residents of Eugene. Changes made to the maps at the public meeting and verified in the field appear on the draft version of the maps included with this report.

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 of Lane County Area, Oregon (NRCS, 1987), the National Wetlands Inventory maps, and 1999 color aerial photographs at a scale of 1" = 400'.

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

3.2.2 Routine On-site Determination

Where property access permission had been granted, on-site observation and inspection of soils, vegetation, and hydrology were made using the Routine On-site methodology as described in 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 May 2003 and January 2004. 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 were 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 do not provide recreational opportunities.

Wetland Conditions

Sensitivity to Future Impacts: Evaluates the wetlands 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 an 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 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), 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 which were used in answering the assessment questions:

Water Quality: Three streams or waterbodies in the study area are listed as water quality limited on the Oregon Department of Environmental Quality 303(d) list (ODEQ, 1996): the Willamette River, Amazon Creek and the Amazon Diversion Canal. 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.

Fish Habitat: There is little fish information for the streams and waterbodies within the Eugene area. The Willamette River is designated essential salmonid habitat by DSL and provides habitat for federally listed salmonid species. Based on a conversation with Jeff Ziller (personal communication, August 2003), ODFW, there may be native fish tolerant of higher temperatures in other waterbodies within the UGB.

Fish habitat within the City of Eugene was also discussed in a report completed for the City in September 2002. *Aquatic and Riparian Habitat Assessment for the Eugene -Springfield Area* included a map of confirmed fish use, possible fish use, and fish use not likely within the urban growth boundary (Andrus and Walsh, 2002). For the purposes of the OFWAM, areas with confirmed and possible fish use were both assumed to have fish present. This information was used to answer questions in the Fish Habitat, question 6.

Floodplains: The City provided a GIS floodplain map for the project area, based on the Federal Emergency Management Agency (FEMA) 100-year floodplain maps. Extensive areas of floodplains are mapped adjacent to the Willamette River, as well as the channels of Amazon Creek, A1 Channel, Flat Creek, Spring Creek, and the East Santa Clara Waterway. Question 1 in Hydrologic Control was answered based on this information.

Land Use: The City provided a GIS map of the local Comprehensive Plan showing zoning for the study area. Extensive areas of Open Space are mapped within the watersheds, generally corresponding with the 100-year floodplain. Therefore, questions 6 and 7 in Hydrologic Control and question 5 in Sensitivity to Future Impacts were answered based on these maps.

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.

3.4 Cartography

Orthophotographic copies of 1999 color aerial photographs (1' = 400' scale) were generated by the City and used in the field by PHS. In addition, base maps provided by the City included tax lots, geographic names, access-denied sites, and the project boundary.

Preliminary wetland boundaries and data point locations were drawn directly on the 1999 orthophotos in the field. Properties whose owners had denied access were assessed off-site using the photos in combination with mapped soils, and off-site observations, where possible. Following completion of field work the wetland boundaries and sample points were digitized and added to the geographical information system (GIS) database that was compiled for the inventory. Additional layers on the GIS base map included watershed boundaries, streams, additional geographic names, wetland codes, and sample point locations. There are seven watersheds within the study area: Amazon Creek, Bethel-Danebo, Laurel Hill, River Road-Santa Clara, Willakenzie, Willow Creek and the Willamette River.

Each wetland was assigned a code beginning with the two or three letter watershed designation and a wetland number (e.g. AMA-1 for Amazon Creek, BD-1 for Bethel Danebo, etc.). Wetlands that could not easily be identified in the field, due to a lack of physical access and the lack of additional observation points have been identified as non-field verified. These wetlands have been shown on the LWI maps in a different map pattern than field verified wetlands where physical access or a clear view from adjacent properties provided a more accurate assessment of wetland boundaries.

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

4.0 STUDY AREA CHARACTERISTICS

4.1 Setting

The study area was defined by the City of Eugene's Urban Growth Boundary (UGB). It did not however include most of southwest Eugene. That area had been previously inventoried as part of the West Eugene Wetlands Plan (WEWP), and was not surveyed by PHS. The areas investigated by PHS are largely residential and commercial, with many areas devoted to public facilities (e.g. parks, schools). Agricultural areas were common along the periphery of the City, primarily across the north end of the study area.

4.2 Topography

The City of Eugene is located in the southern Willamette Valley, a broad alluvial valley between the Cascade and Coast Ranges. The Willamette River meanders through the Eugene area, with relatively level floodplain terraces extending for several miles to the base of foothills both east and west of town. The study area contains several streams and waterways including Spring Creek, Amazon Creek, Willow Creek and additional small sloughs and canals.

The north end of the City of Eugene is comprised of gently rolling topography. However, portions of the City are studded by steep hills including Skinner Butte and Gillespie Butte in the east-central portion of the UGB, on the south and north sides of the Willamette River, respectively. The southern one-third of the City contains more hilly terrain. Elevations range from approximately 1000 feet National Geodetic Vertical Datum (NGVD) in the hilly southern areas of Eugene to approximately 360 feet NGVD throughout the northwestern portions of the UGB. Elevations reach approximately 400 feet NGVD along the Willamette River.

4.3 Hydrology

4.3.1 Hydrologic Features of the Eugene Study Area

The main hydrologic features of the Eugene area are the Willamette River and Amazon Creek. Much of the central portion of the study area is located within the floodplain of the Willamette River. Amazon Creek is a tributary to the Long Tom River (located several miles northwest of the UGB). In addition to these two perennial watercourses, the study area contains several intermittent tributaries, sloughs, and canals.

4.3.2 Watershed Designation

The study area was divided into seven watersheds: Amazon Creek, Bethel-Danebo, Laurel Hill, River Road-Santa Clara, Willakenzie, Willow Creek and the Willamette River. The watershed boundaries were based on topography and observations of drainage patterns in the field. The watersheds and their sizes are listed in Table 1 below:

Table 1: Watersheds and Acreage for the Eugene LWI

Watershed	Area (acres)
Amazon Creek	7,797.40
Bethel-Danebo	8,315.98
Laurel Hill	796.86
River Road-Santa Clara	10,420.25
Willakenzie	7,290.55
Willamette River	4,727.45
Willow Creek	310.00
Total Project Acreage	39,658.49

4.3.3 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.

4.4 Soils

Table 2 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 hydric soils map for the project area.

Table 2. Soil units and their Hydric Soils Status for the Eugene LWI

Soil Series #	Soil Name	Classification	Drainage Class	Hydric
5	Awbrig silty clay loam	Vertic Albaqualfs	Poorly drained	Yes
6	Awbrig-Urban land complex	Vertic Albaqualfs	Poorly drained	No
8	Bashaw clay	Typic Pelloxererts	Poorly drained	Yes
9	Bashaw-Urban land complex	Typic Pelloxererts	Poorly drained	No
11C	Bellpine silty clay loam, 3-12% slopes	Xeric Haplohumults	Well drained	No
11D	Bellpine silty clay loam, 12-20% slopes	Xeric Haplohumults	Well drained	No
11E	Bellpine silty clay loam, 20-30% slopes	Xeric Haplohumults	Well drained	No
22	Camas gravelly sandy loam, occasionally flooded	Fluventic Haploxerolls	Excessively drained	No
23	Camas-Urban land complex	Fluventic Haploxerolls	Excessively drained	No
24	Chapman loam	Cumulic Ultic Haploxerolls	Well drained	No
25	Chapman-Urban land complex	Cumulic Ultic Haploxerolls	Well drained	No
26	Chehalis silty clay loam, occasionally flooded	Cumulic Ultic Haploxerolls	Well drained	No
27	Chehalis-Urban land complex	Cumulic Ultic Haploxerolls	Well drained	No
30	Cloquato-Urban land complex	Cumulic Ultic Haploxerolls	Well drained	No

Table 2, continued. Soil units and their Hydric Soils Status for the Eugene LWI

Soil Series #	Soil Name	Classification	Drainage Class	Hydric
31	Coburg silty clay loam	Pachic Ultic Argixerolls	Moderately well drained	No
32	Coburg-Urban land complex	Pachic Ultic Argixerolls	Moderately well drained	No
33	Conser silty clay loam	Typic Argiaquolls	Poorly drained	No
34	Courtney gravelly silty clay loam	Abruptic Argiaquolls	Poorly drained	No
38	Dayton silt loam	Typic Albaqualfs	Poorly drained	No
41C	Dixonville silty clay loam, 3-12% slopes	Pachic Ultic Argixerolls	Well drained	No
43C	Dixonville-Philomath-Hazelair complex, 3-12% slopes	Pachic Ultic Argixerolls/ Vertic Haplxerolls/ Aquultic Haploxerolls	Well-Moderately well drained	No
43E	Dixonville-Philomath-Hazelair complex, 12-35% slopes	Pachic Ultic Argixerolls/ Vertic Haplxerolls/ Aquultic Haploxerolls	Well-Moderately well drained	No
48	Fluents, nearly level	Fluents	Well -Poorly drained	No
56	Holcomb silty clay loam	Mollic Albaqualfs	Somewhat poorly drained	No
75	Malabon silty clay loam	Pachic Ultic Argixerolls	Well drained	No
76	Malabon-Urban land complex	Pachic Ultic Argixerolls	Well drained	No
79	McBee silty clay loam	Cumulic Ultic Haploxerolls	Moderately well drained	No
85	Natroy silty clay loam	Aquic Chromoxererts	Poorly drained	Yes
87	Natroy-Urban land complex	Aquic Chromoxererts	Poorly drained	Yes
95	Newberg fine sandy loam	Fluventic Haploxerolls	Somewhat excessively drained	No
96	Newberg loam	Fluventic Haploxerolls	Somewhat excessively drained	No
97	Newberg-Urban land complex	Fluventic Haploxerolls	Somewhat excessively drained	No
101	Oxley-Urban land complex	Typic Argiaquolls	Somewhat poorly drained	No
102C	Panther silty clay loam, 2-12% slopes	Typic Haploaquolls	Poorly drained	Yes
103C	Panther-Urban land complex, 2-12% slopes	Typic Haploaquolls	Poorly drained	Yes
105A	Pengra silt loam, 1-4% slopes	Typic Haplaquolls	Somewhat poorly drained	No
106A	Pengra-Urban land complex, 1-4% slopes	Typic Haplaquolls	Somewhat poorly drained	Yes
108C	Philomath cobbly silty clay, 3-12% slopes	Vertic Haplxerolls	Well drained	No
108F	Philomath cobbly silty clay, 12-45% slopes	Vertic Haplxerolls	Well drained	No
109F	Philomath-Urban land complex, 12-45% slopes	Vertic Haplxerolls	Well drained	No
110	Pits	N/A	N/A	No
113G	Ritner cobbly silty clay loam, 30-60% slopes	Dystric Xerochrepts	Well drained	No
118	Salem gravelly silt loam	Pachic Ultic Argixerolls	Well drained	No
119	Salem-Urban land complex	Pachic Ultic Argixerolls	Well drained	No
121B	Salkum silty clay loam, 2-6% slopes	Xeric Haplohumults	Well drained	No
127C	Urban land-Hazelair-Dixonville complex, 3-12% slopes	Aquultic Haploxerolls/ Pachic Ultic Argixerolls	Moderately well -Well drained	No

4.5 Vegetation

4.5.1 Overview

Vegetation communities in the Willamette Valley have been shaped by human activities for centuries. Native Americans were known to use fire to aid their hunting and gathering activities by favoring the growth of certain groups of plants. Euro-American settlement in the mid-19th century rapidly changed the composition of plant communities throughout the area, with urban areas, farmland, and other developments coming to dominate the landscape. Areas that now appear to retain natural vegetation have nevertheless been subject to fire suppression, clearing, logging, and grazing activities over the years.

The Willamette Valley now consists of a mosaic of oak woodlands, coniferous forests, grasslands, shrub communities, and riparian forests broken up by development and agriculture. Climax communities are generally considered to be forest types dominated by Douglas fir (*Pseudotsuga menziesii*) and Oregon white oak (*Quercus garryana*), or by Oregon ash (*Fraxinus latifolia*) in wetter sites. 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).

4.5.2 Vegetation Communities

Plant communities encountered within the Eugene study area include upland mixed conifer/deciduous forest, riparian forest, agricultural/pastureland, disturbed/urban, and wetland. Wetland communities can be further distinguished as palustrine/aquatic bed, palustrine/emergent, palustrine/scrub-shrub, and palustrine/forested, following the Cowardin classification system developed for the US Fish and Wildlife Service (Cowardin, et al. 1979). Each of the above communities is described in below.

Upland Mixed Conifer/Deciduous Forest

This community is present as scattered patches within the study area, due to fragmentation by urbanization, farming, and historic logging and clearing activities. The dominant species in the overstory are Douglas-fir, Oregon white oak, and bigleaf maple (*Acer macrophyllum*). Western red cedar (*Thuja plicata*) is also occasionally present.

Understory shrub and groundcover species vary greatly with the density of the tree canopy. Typical understory shrubs include vine maple (*Acer circinatum*), Indian-plum (*Oemleria cerasiformis*), Oregon grape (*Berberis* spp.), poison oak (*Rhus diversiloba*), salal (*Gaultheria shallon*), snowberry (*Symphoricarpos albus*), and beaked hazelnut (*Corylus cornuta*). Typical herbaceous species include sword fern (*Polystichum munitum*), fringedcup (*Tellima grandiflora*) and western trillium (*Trillium ovatum*).

Riparian Forest

Riparian forests are often similar to upland mixed evergreen-deciduous forests. This community borders the rivers and streams or edges of the broad floodplains. Oregon ash, black cottonwood (*Populus trichocarpa*), and bigleaf maple may co-dominate with Oregon white oak and Douglas fir.

Agricultural/Pastureland

Until relatively recently, extensive portions of the study area remained as farmland and were primarily used for grass seed and hay production. These areas are now located primarily on the western and southern edges of the UGB, having been developed for residences. Ryegrass (*Lolium multiflorum*) was the most common crop encountered during the survey, though some fields were also being used for tall fescue (*Festuca arundinacea*) production. Other areas are being used by grazing animals (cattle, sheep, or horses).

Developed-Urban

Plant communities throughout the study area have been influenced by human activities since before the turn of the century, most profoundly in areas undergoing recent development. Businesses, residences, parking lots, roads, parks, and sidewalks all represent unvegetated or landscaped areas. Vegetation is often of horticultural origin or weedy in these areas. Unpaved areas subject to frequent disturbance generally remain as open spaces dominated by weedy grasses and forbs.

Wetland

Wetland areas are generally transitional between upland and truly aquatic areas, which have permanent open water. The wetland may occupy a position where the groundwater table remains at or near the surface for an extended period during the growing season, however, surface inundation may or may not be present. Many of the wetlands in the study area are seasonally saturated or inundated. Vegetation varies depending on the extent of disturbance.

Agricultural wetlands obviously have been influenced by farming or grazing activities, and likely are dominated by grasses and forbs. Wetlands that have not been farmed or logged are usually dominated by Oregon ash and other hydrophytic trees and shrubs.

Palustrine forested wetlands in the area are dominated by Oregon ash, although red alder (*Alnus rubra*), black cottonwood, and western red cedar may also be present. Palustrine scrub/shrub wetlands often include saplings of the above species, along with such shrubs as Douglas' hawthorn (*Crataegus douglasii*), clustered rose (*Rosa pisocarpa*), redosier dogwood (*Cornus stolonifera*), Douglas' spiraea (*Spiraea douglasii*), and willows (*Salix* spp.).

Palustrine emergent wetlands in the Eugene area are commonly dominated by species such as sedges (*Carex* spp.), rushes (*Juncus* spp.), common camas (*Camassia quamash*) and buttercups (*Ranunculus* spp.); and wetland grasses, such as meadow foxtail (*Alopecurus pratensis*), reed canarygrass (*Phalaris arundinacea*) and colonial bentgrass (*Agrostis tenuis*).

4.5.3 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 3 summarizes the wetland indicator codes.

Table 3. 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 within the project area, and their wetland indicator status is included in Appendix F.

5.0 LWI DISCUSSION AND CONCLUSIONS

5.1 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 NWI maps are 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.

5.2 Local Wetlands Inventory Results

5.2.1 Wetland Acreage and Distribution

A total of 100 wetland units were identified during the LWI with a total acreage of 684.97 acres. Within the seven watersheds within the study area, Bethel-Denebo and River Road-Santa Clara had the highest percentage of wetland area (approximately 2.4% for each). The Laurel Hill watershed has the smallest percentage of wetland (<0.1%). Table 4 identifies the wetland acreage within each watershed. It should be noted that only those portions of the watershed within the study area are included in the acreages below. Twenty-four maps included with this report include the wetlands identified for the LWI.

Table 4: Wetland Areas within Each of the Watersheds for the Eugene LWI

Watershed	Total Area (acres)	Wetland Area (acres)	Percent of watershed that is wetland
Amazon Creek	7,797.40	57.85	0.74
Bethel-Danebo	8,315.98	199.43	2.40
Laurel Hill	796.86	0.62	0.08
River Road-Santa Clara	10,420.25	251.76	2.42
Willakenzie	7,290.55	137.20	1.88
Willamette River	4,727.45	36.73	0.78
Willow Creek	310.00	1.38	0.45
Total Project Acreage	39,658.49	684.97	

5.2.2 Wetland Classification

Each wetland was classified according to the Cowardin system. Palustrine emergent wetlands that are currently used for agricultural purposes were noted on the maps with a lower case "f" (i.e. PEMf). Although these wetlands are dominated by herbaceous species, the natural plant community has been altered by agricultural practices. This type of wetland is the dominant (37%) wetland type in the study area. Palustrine emergent (PEM) wetlands were the second most prevalent wetland class (27%), followed by palustrine aquatic bed (PAB)(16%), palustrine forested (PFO)(10%), palustrine scrub-shrub (PSS)(5%) and palustrine unconsolidated bottom (PUB) (2%). Two classes of riverine wetlands, lower perennial aquatic bed and unconsolidated bottom combined for less than three percent coverage by area.

Table 5 is a summary of acreage by Cowardin classification for the Eugene LWI study area. Table 6 (pages 19-22) is a summary table listing the approximate acreage of each Cowardin class within each wetland and the HGM class of the wetland. Appendix B includes a wetland characterization sheet for each inventoried wetland. This summarizes the plant communities, hydrology, location, and any general notes about adjacent upland areas.

Table 5. Wetland Classifications found within the Eugene LWI

Wetland Classification	Area (acres)	Percent
Palustrine forested (PFO)	69.27	10.11
Palustrine scrub shrub (PSS)	33.44	4.88
Palustrine emergent (PEM)	186.34	27.20
Palustrine emergent, farmed (PEMf)	256.27	37.41
Palustrine aquatic bed (PAB)	111.40	16.26
Palustrine unconsolidated bottom (PUB)	12.10	1.77
Riverine lower perennial aquatic bed (R2AB)	6.14	0.90
Riverine lower perennial unconsolidated bottom (R2UB)	10.02	1.46
Total	684.97	100%

Table 6. Cowardin Classification and HGM Class of Wetlands Identified in the Eugene LWI

Wetland Code	USFWS Wetland Classification								HGM Class	Total Acreage
	PFO	PSS	PEM	PEMf	PAB	PUB	R2AB	R2UB		
AMA-1			1.58						S/F	1.58
AMA-2	0.18	0.14	0.39						S/F	0.70
AMA-3		0.03	0.50						DO	0.53
AMA-4	0.57	0.57	0.29						S/F	1.43
AMA-5	0.74	0.25	0.25						S/F	1.23
AMA-6			9.90						DCNP	9.90
AMA-7								7.10	RFT	7.10
AMA-8	0.42	0.42	3.34						S/F, RFT	4.17
AMA-9	11.87		2.97						S/F	14.84
AMA-10	0.92		0.50						S/F	1.42
AMA-11			8.36						S/F	8.36
AMA-12	0.82	0.15	0.05						S/F	1.03
AMA-13	1.29		0.14						S/F	1.43
AMA-14	0.13	0.04	0.69						S/F	0.86
AMA-15	0.95		1.43						DCNP	2.38
AMA-16			0.89						DCNP	0.89

Table 6, continued

Wetland Code	USFWS Wetland Classification								HGM Class	Total Acreage
	PFO	PSS	PEM	PEMf	PAB	PUB	R2AB	R2UB		
BD-1		1.23	2.86						RFT	4.09
BD-2	3.21		0.54		1.61				S/F	5.35
BD-3			5.71						S/F	5.71
BD-4			5.44	3.62					S/F	9.06
BD-5				26.93					S/F	26.93
BD-6				13.87					S/F	13.87
BD-7			5.14	20.58					S/F	25.72
BD-8			9.12						RFT ,S/F	9.12
BD-9			19.61	45.76					S/F	65.37
BD-10			7.36						S/F	7.36
BD-11			0.57						S/F	0.57
BD-12		0.22			4.25				DCP	4.47
BD-13		1.60	1.06						S/F	2.66
BD-14			1.57						S/F	1.57
BD-15			0.63						DCNP	0.63
BD-16			1.97						DCNP	1.97
BD-17			1.01						DCNP	1.01
BD-18			1.03						S/F	1.03
BD-19		0.37	3.33						RFT	3.70
BD-20			0.18		1.66				DCP	1.84
BD-21			0.73						S/F	0.73
BD-22	1.09				4.35				S/F	5.44
BD-23			1.23						S/F	1.23
LAU-1	0.50		0.12						S/F	0.62
RSC-1				111.42					S/F	111.42
RSC-2			11.37						RFT	11.37
RSC-3				1.08					S/F	1.08
RSC-4				5.28					S/F	5.28
RSC-5			10.44						S/F, RFT	10.44

Table 6, continued

Wetland Code	USFWS Wetland Classification								HGM Class	Total Acreage
	PFO	PSS	PEM	PEMf	PAB	PUB	R2AB	R2UB		
RSC-6			2.57						S/F	2.57
RSC-7	0.38	1.24	0.29						S/F, RFT	1.90
RSC-8			0.90						S/F	0.90
RSC-9			0.57						S/F	0.57
RSC-10				5.39					S/F	5.39
RSC-11			4.81						S/F, RFT	4.81
RSC-12			6.10						S/F	6.10
RSC-13				0.58					DCNP	0.58
RSC-14			0.46	0.37					S/F	0.83
RSC-15			0.42	0.62					S/F	1.04
RSC-16			0.84						DCNP	0.84
RSC-17				15.32					S/F	15.32
RSC-18			2.78						RFT	2.78
RSC-19			5.96						S/F	5.96
RSC-20					1.86				DCNP	1.86
RSC-21	1.19		0.48		0.71				DCNP	2.38
RSC-22	1.41								S/F	1.41
RSC-23	3.14	0.45	0.90						S/F	4.49
RSC-24			0.67						S/F	0.67
RSC-25		0.17	1.57						S/F	1.74
RSC-26		0.56	0.38						S/F	0.94
RSC-27			0.50		0.13				DCP	0.63
RSC-28	5.58		1.40						RFT, S/F	6.98
RSC-29	2.77				0.69				DCP	3.46
RSC-30	1.20		2.40		8.39				DCP	11.98
RSC-31	2.71		0.90		0.90				RFT, DCP	4.52
RSC-32			2.64						RI, RFT	2.64
RSC-33	2.41		0.60						S/F	3.01
RSC-34	1.18								DCNP	1.18

Table 6, continued

Wetland Code	USFWS Wetland Classification								HGM Class	Total Acreage
	PFO	PSS	PEM	PEMf	PAB	PUB	R2AB	R2UB		
RSC-35	1.78								S/F	1.78
RSC-36			1.89		0.47				RFT, RI	2.36
RSC-37	0.64	0.51	0.13						RFT, S/F	1.27
RSC-38			7.11						RFT, RI	7.11
RSC-39		0.61							DCNP	0.61
RSC-40		0.31			1.25				RFT	1.56
WC-1	0.83	0.28	0.28						S/F	1.38
WKZ-1	1.23		0.41			2.47			RI	4.11
WKZ-2	0.50								S/F	0.50
WKZ-3	1.00								DCP	1.00
WKZ-4	4.94	0.66	0.99						DCP	6.58
WKZ-5	3.68	2.46					6.14		RFT	12.28
WKZ-6	4.76	2.85			11.41				DCP	19.02
WKZ-7	3.28	9.83	3.28		49.16				DCP	65.54
WKZ-8			0.62						DCNP	0.62
WKZ-9		2.04	4.07		3.05	1.02			RFT, RI	10.18
WKZ-10		0.06			0.50				DCP	0.55
WKZ-11	1.40			3.26					S/F	4.66
WKZ-12				2.18					S/F	2.18
WKZ-13			0.27			2.42			DCP	2.69
WKZ-14		1.09	3.28					2.92	RFT	7.29
WR-1		1.46	0.49						RI	1.94
WR-2		0.36				1.43			RFT	1.79
WR-3		2.55	2.55		20.38				DCP	25.48
WR-4		0.95			0.64	4.76			RFT	6.35
WR-5	0.59		0.59						RI	1.17
TOTAL	69.27	33.44	186.34	256.27	111.40	12.10	6.14	10.02		684.97

5.3 Oregon Freshwater Wetland Assessment Methodology Results

5.3.1 Wetlands of Special Interest for Protection

OFWAM includes identifying wetlands that are in a management plan, are protected by regulatory rules or statutes, or are uncommon in Oregon. A “yes” answer to any of the ten questions identifies the wetland as “special interest for protection”. The questions relate to 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. The following wetlands were determined to be of Special Interest for Protection.

Table 7. Wetlands of Special Interest for Protection

Wetland	Wetlands of Special Interest Criteria
AMA-16	Question 1. Endangered species identified (<i>Lomatium bradshawii</i>)
WR-2	Question 1. Endangered species identified (Upper Willamette Spring Chinook). Question 2. Mapped ODFW Essential Salmonid Habitat.
WR-4	Question 1. Endangered species identified (Upper Willamette Spring Chinook).
WR-5	Question 1. Endangered species identified (Upper Willamette Spring Chinook). Question 2. Mapped ODFW Essential Salmonid Habitat.

5.3.2 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 (below) 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 25-28) 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	<ol style="list-style-type: none"> 1. <i>Wetland provides diverse wildlife habitat</i> 2. <i>Wetland provides habitat for some wildlife species</i> 3. <i>Wetland does not provide wildlife habitat</i>
Fish Habitat	<ol style="list-style-type: none"> 1. <i>Wetland's fish habitat function is intact</i> 2. <i>Wetland's fish habitat function is impacted or degraded</i> 3. <i>Wetland's fish habitat function is lost or not present</i>
Water Quality	<ol style="list-style-type: none"> 1. <i>Wetland's water-quality function is intact</i> 2. <i>Wetland's water-quality function is impacted or degraded</i> 3. <i>Wetland's water-quality function is lost or not present</i>
Hydrologic Control	<ol style="list-style-type: none"> 1. <i>Wetland's hydrologic control function is intact</i> 2. <i>Wetland's hydrologic control function is impacted or degraded</i> 3. <i>Wetland's hydrologic control function is lost or not present</i>
Sensitivity to Impact	<ol style="list-style-type: none"> 1. <i>Wetland is sensitive to future impacts</i> 2. <i>Wetland is potentially sensitive to future impacts</i> 3. <i>Wetland is not sensitive to future impacts</i>
Enhancement Potential	<ol style="list-style-type: none"> 1. <i>Wetland has high enhancement potential</i> 2. <i>Wetland has moderate potential for enhancement</i> 3. <i>Wetland has little enhancement potential</i>
Education	<ol style="list-style-type: none"> 1. <i>Wetland has educational uses</i> 2. <i>Wetland has potential for educational use</i> 3. <i>Wetland is not appropriate for educational use</i>
Recreation	<ol style="list-style-type: none"> 1. <i>Wetland provides recreational opportunities</i> 2. <i>Wetland has the potential to provide recreational activities</i> 3. <i>Wetland is not appropriate for or does not provide recreational opportunities</i>
Aesthetic Quality	<ol style="list-style-type: none"> 1. <i>Wetland is considered to be pleasing</i> 2. <i>Wetland is considered to be moderately pleasing</i> 3. <i>Wetland is not pleasing</i>

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

Wetland Code	Wildlife Habitat	Fish Habitat	Water Quality	Hydrologic Control	Sensitivity to Impact	Enhancement Potential	Education	Recreation	Aesthetic Quality	Size (acres)
AMA-1	2	N/A	2	3	2	1	3	3	1	1.58
AMA-2*	2	N/A	2	3	2	1	3	3	1	0.70
AMA-3	2	N/A	1	1	2	1	1	1	1	0.53
AMA-4*	1	N/A	2	2	2	N/A	3	1	1	1.43
AMA-5	1	N/A	2	2	2	N/A	3	1	1	1.23
AMA-6	2	N/A	2	1	2	1	1	1	1	9.90
AMA-7	2	2	2	1	2	1	1	1	1	7.10
AMA-8	2	2	2	2	2	1	1	1	1	4.17
AMA-9	2	N/A	1	1	1	2	1	1	1	14.84
AMA-10	2	N/A	1	1	1	2	1	1	1	1.42
AMA-11	2	N/A	1	1	2	1	1	1	1	8.36
AMA-12	2	N/A	2	2	1	1	1	1	1	1.03
AMA-13	1	N/A	3	2	2	N/A	3	3	2	1.43
AMA-14	2	N/A	1	2	2	1	3	3	1	0.86
AMA-15	2	N/A	2	2	2	1	3	3	1	2.38
AMA-16	2	N/A	1	2	2	2	2	2	3	0.89
BD-1*	2	2	2	2	2	1	3	2	3	4.09
BD-2	2	2	3	1	2	1	3	3	3	5.35
BD-3	2	N/A	1	1	2	2	3	3	3	5.71
BD-4	2	N/A	1	1	2	2	2	3	1	9.06
BD-5*	2	N/A	2	2	2	2	3	2	1	26.93
BD-6*	2	N/A	2	2	2	2	3	2	1	13.87
BD-7*	2	N/A	2	1	2	2	3	3	3	25.72
BD-8	2	2	1	1	2	2	2	3	2	9.12

* Not Field Verified

Table 9, continued

Wetland Code	Wildlife Habitat	Fish Habitat	Water Quality	Hydrologic Control	Sensitivity to Impact	Enhancement Potential	Education	Recreation	Aesthetic Quality	Size (acres)
BD-9	2	N/A	2	1	2	2	3	1	1	65.37
BD-10	2	N/A	2	2	2	2	3	3	2	7.36
BD-11	2	N/A	1	2	2	2	3	3	1	0.57
BD-12	2	2	2	2	2	1	3	3	3	4.47
BD-13	2	N/A	1	1	2	2	2	1	2	2.66
BD-14	2	2	2	2	2	1	3	3	3	1.57
BD-15	2	N/A	2	1	2	1	3	3	3	0.63
BD-16	2	N/A	2	1	2	1	3	3	3	1.97
BD-17	2	N/A	2	1	2	1	3	3	3	1.01
BD-18	2	N/A	2	2	2	1	3	3	3	1.03
BD-19	2	2	2	2	2	1	2	1	3	3.70
BD-20	2	2	2	1	2	1	1	2	3	1.84
BD-21*	2	N/A	2	1	2	1	3	3	3	0.73
BD-22*	2	2	2	1	2	1	3	3	3	5.44
BD-23*	2	N/A	2	2	2	2	1	2	3	1.23
LAU-1*	2	N/A	2	2	2	1	3	3	2	0.62
RSC-1*	2	N/A	2	1	2	1	3	3	3	111.42
RSC-2	2	2	2	1	2	1	3	2	3	11.37
RSC-3	2	N/A	2	2	2	2	3	3	1	1.08
RSC-4	2	N/A	2	2	2	1	3	3	3	5.28
RSC-5	2	N/A	1	1	2	2	3	3	1	10.44
RSC-6	2	N/A	1	2	2	2	3	3	3	2.57
RSC-7	2	N/A	2	2	2	1	3	3	1	1.90
RSC-8	2	N/A	1	2	2	2	3	3	1	0.90
RSC-9	2	N/A	1	2	2	2	3	3	1	0.57
RSC-10*	2	N/A	2	1	2	1	3	3	3	5.39

* Not Field Verified

Table 9, continued

Wetland Code	Wildlife Habitat	Fish Habitat	Water Quality	Hydrologic Control	Sensitivity to Impact	Enhancement Potential	Education	Recreation	Aesthetic Quality	Size (acres)
RSC-11*	2	2	2	2	2	1	3	3	3	4.81
RSC-12*	2	N/A	1	1	2	1	3	3	3	6.10
RSC-13	2	N/A	2	2	2	2	3	3	3	0.58
RSC-14	2	N/A	2	2	2	2	3	3	3	0.83
RSC-15	2	N/A	1	2	2	2	3	3	3	1.04
RSC-16	2	N/A	1	2	2	1	3	2	3	0.84
RSC-17	2	N/A	2	1	2	1	3	3	3	15.32
RSC-18	2	2	1	2	2	1	3	3	3	2.78
RSC-19*	2	N/A	2	2	2	1	3	3	3	5.96
RSC-20	2	2	2	1	2	1	3	2	3	1.86
RSC-21	2	2	2	1	2	1	3	2	2	2.38
RSC-22	2	N/A	1	2	2	1	3	3	3	1.41
RSC-23	1	2	1	1	2	N/A	3	3	3	4.49
RSC-24	2	N/A	2	2	2	2	3	3	1	0.67
RSC-25	1	2	2	1	2	N/A	3	3	3	1.74
RSC-26	2	N/A	1	1	2	1	3	3	3	0.94
RSC-27	2	N/A	1	2	2	1	3	3	3	0.63
RSC-28	2	2	1	1	2	1	3	1	3	6.98
RSC-29	1	2	2	1	2	N/A	3	3	2	3.46
RSC-30*	2	2	2	1	2	1	3	3	2	11.98
RSC-31	2	2	2	2	2	1	2	1	3	4.52
RSC-32	2	2	1	1	2	1	3	3	3	2.64
RSC-33	2	1	1	1	2	1	3	3	2	3.01
RSC-34*	2	N/A	2	1	2	1	3	3	1	1.18
RSC-35	2	1	1	1	2	1	3	3	3	1.78
RSC-36	2	2	2	1	2	1	3	3	3	2.36

* Not Field Verified

Table 9, continued

Wetland Code	Wildlife Habitat	Fish Habitat	Water Quality	Hydrologic Control	Sensitivity to Impact	Enhancement Potential	Education	Recreation	Aesthetic Quality	Size (acres)
RSC-37	2	2	1	1	2	1	1	1	1	1.27
RSC-38*	2	N/A	1	1	2	1	3	3	3	7.11
RSC-39	2	N/A	2	1	2	1	3	3	2	0.61
RSC-40	2	2	1	1	2	1	3	3	2	1.56
WC-1*	1	N/A	2	2	2	N/A	3	3	2	1.38
WKZ-1	1	2	2	1	2	N/A	1	1	1	4.11
WKZ-2	2	2	2	1	2	1	3	3	3	0.50
WKZ-3	1	N/A	2	1	2	N/A	2	3	3	1.00
WKZ-4*	2	N/A	1	1	2	1	3	1	2	6.58
WKZ-5	2	2	1	1	2	1	3	1	2	12.28
WKZ-6	2	1	2	1	2	1	3	2	1	19.02
WKZ-7	1	2	2	1	2	N/A	1	1	3	65.54
WKZ-8	2	N/A	1	1	2	2	3	3	3	0.62
WKZ-9*	2	2	2	1	2	1	3	2	1	10.18
WKZ-10*	2	N/A	2	1	2	1	3	3	3	0.55
WKZ-11	2	N/A	2	2	2	2	3	3	2	4.66
WKZ-12*	2	N/A	2	2	2	2	3	3	1	2.18
WKZ-13	2	2	2	1	2	1	2	1	2	2.69
WKZ-14	2	2	1	1	2	1	3	1	1	7.29
WR-1	2	N/A	1	1	2	1	1	1	1	1.94
WR-2	2	2	2	2	2	1	1	1	1	1.79
WR-3	1	2	2	1	2	N/A	1	1	2	25.48
WR-4	2	2	2	1	1	1	1	1	3	6.35
WR-5	2	2	1	2	2	1	1	1	2	1.17

* Not Field Verified

Table 9, continued

Wetland Code	Wildlife Habitat	Fish Habitat	Water Quality	Hydrologic Control	Sensitivity to Impact	Enhancement Potential	Education	Recreation	Aesthetic Quality	Size (acres)
RSC-37	2	2	1	1	2	1	1	1	1	1.27
RSC-38*	2	N/A	1	1	2	1	3	3	3	7.01
RSC-39	2	N/A	2	1	2	1	3	3	2	0.61
RSC-40	2	2	1	1	2	1	3	3	2	1.56
WC-1*	1	N/A	2	2	2	N/A	3	3	2	1.38
WKZ-1	1	2	2	1	2	N/A	1	1	1	4.11
WKZ-2	2	2	2	1	2	1	3	3	3	0.50
WKZ-3	1	N/A	2	1	2	N/A	2	3	3	1.00
WKZ-4*	2	N/A	1	1	2	1	3	1	2	6.58
WKZ-5	2	2	1	1	2	1	3	1	2	12.28
WKZ-6	2	1	2	1	2	1	3	2	1	19.02
WKZ-7	1	2	2	1	2	N/A	1	1	3	65.83
WKZ-8	2	N/A	1	1	2	2	3	3	3	0.62
WKZ-9*	2	2	2	1	2	1	3	2	1	10.18
WKZ-10*	2	N/A	2	1	2	1	3	3	3	0.55
WKZ-11	2	N/A	2	2	2	2	3	3	2	4.66
WKZ-12*	2	N/A	2	2	2	2	3	3	1	2.18
WKZ-13	2	2	2	1	2	1	2	1	2	2.69
WKZ-14	2	2	1	1	2	1	3	1	1	7.29
WR-1	2	N/A	1	1	2	1	1	1	1	1.94
WR-2	2	2	2	2	2	1	1	1	1	1.79
WR-3	1	2	2	1	2	N/A	1	1	2	25.66
WR-4	2	2	2	1	1	1	1	1	3	6.35
WR-5	2	2	1	2	2	1	1	1	2	1.17

* Not Field Verified

In general, the majority (89%) of the wetlands provided wildlife habitat for some species. Diverse wildlife habitat was limited to those wetlands which had a variety of strata (trees, shrubs, herbaceous), and which were adjacent, or connected to, other wetlands or surface water. Due to the high percentage of agricultural wetlands within each watershed, only 11 of the 100 wetlands (11%) met this criterion.

The majority of the wetlands (61%) were not assessed for the fish habitat function due to the lack of perennial surface water or connection to surface water. Of the 42 wetlands which were assessed for fish habitat, 3 (3%) were determined to have intact fish habitat due to perennial surface water, large woody debris, shade, and natural, unmodified channels. The other 36 wetlands (36%) 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 groundwater and the dominant existing land use is open space or agricultural lands. The rationale is that wetlands which are groundwater-driven or surrounded by open space may not play as significant a water quality function as wetlands derived from surface water or surrounded by developed lands. A total of 36 wetlands (36%) were assessed as having their water quality function intact and 2 wetlands (2%) were assessed as having their water quality function lost or not present. The remaining 61 wetlands (6%) had impacted or degraded water quality function.

Hydrologic control was generally assessed as impacted or degraded (41%), or lost or not present (2%) due to unrestricted outflow, dominance of emergent vegetation, and surrounding agricultural lands or downstream open space. Fifty-seven of the 100 wetlands (57%) were assessed with hydrologic control function intact.

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. Eighteen of the 100 wetlands were identified as having educational uses. Twenty-seven of the 100 wetlands were assessed with providing recreational opportunities. In addition, the aesthetic quality of many of the wetlands was impaired by the presence of major roads and agricultural practices.

6.0 SIGNIFICANT WETLANDS DETERMINATION

6.1 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)). These criteria identify Locally Significant Wetlands. The significance criteria are divided into three sections, as described in Table 10.

Table 10. Criteria for Determining Goal 5 Locally Significant Wetlands

<p>Exclusions: A wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".</p>
<p>1 Is this wetland artificially created entirely from upland and:</p> <ul style="list-style-type: none"> 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 <p>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)</p>
<p>Mandatory Locally Significant Wetland Criteria: A wetland is locally significant if "Yes" is the answer to any of the criteria below.</p>
<p>1 Does the wetland provide <i>diverse wildlife habitat</i>?</p> <p>2 Is the wetland's <i>fish habitat function intact</i>?</p> <p>3 Is the wetland's <i>water quality function intact</i>?</p> <p>4 Is the wetland's <i>hydrologic control function intact</i>?</p> <p>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) <u>and</u> is the wetland's <i>water quality function intact, or impacted or degraded</i>?</p> <p>6 Does the wetland contain a rare plant community?</p> <p>7 Is the wetland inhabited by any species listed federally as threatened or Endangered, or state listed as sensitive, threatened or endangered?</p> <p>8 Does the wetland have a direct surface water connection to a stream segment Mapped by ODFW as habitat for indigenous anadromous salmonids <u>and</u> is the wetland's <i>fish habitat function intact, or impacted or degraded</i>?</p>
<p>Optional Locally Significant Wetland Criteria: local governments may Identify a wetland as significant if "Yes" is the answer to the criteria below</p>
<p>1 Does the wetland represent a locally unique native plant community <u>and</u> Provides <i>diverse wildlife habitat or habitat for some species</i> <u>or</u> Has a <i>intact, or impacted or degraded fish habitat function</i> <u>or</u> Has a <i>intact, or impacted or degraded water quality function</i> <u>or</u> Has a <i>intact, or impacted or degraded hydrologic control function</i>.</p> <p>2 Is the wetland publicly owned and used by a school or organization <u>and</u> Does the wetland provide <i>educational uses</i>?</p>

6.2 Applying Significant Wetland Criteria to the LWI Study Area

The locally significant wetlands criteria were applied to the 100 wetlands within the study area. Seventy-eight (78) wetlands satisfied the criteria for significant wetlands. The results of applying the criteria are included in Appendix E. The Locally Significant Wetlands are listed in Table 11.

Table 11. Locally Significant Wetlands in the Eugene LWI

AMA-3	BD-3	BD-20	RSC-17	RSC-33	WKZ-5
AMA-4	BD-4	BD-21	RSC-18	RSC-34	WKZ-6
AMA-5	BD-5	BD-22	RSC-20	RSC-35	WKZ-7
AMA-6	BD-6	RSC-1	RSC-21	RSC-36	WKZ-8
AMA-7	BD-7	RSC-2	RSC-22	RSC-37	WKZ-9
AMA-9	BD-8	RSC-5	RSC-23	RSC-38	WKZ-10
AMA-10	BD-9	RSC-6	RSC-25	RSC-39	WKZ-13
AMA-11	BD-10	RSC-8	RSC-26	RSC-40	WKZ-14
AMA-12	BD-11	RSC-9	RSC-27	WC-1	WR-1
AMA-13	BD-13	RSC-10	RSC-28	WKZ-1	WR-2
AMA-14	BD-15	RSC-12	RSC-29	WKZ-2	WR-3
AMA-16	BD-16	RSC-15	RSC-30	WKZ-3	WR-4
BD-2	BD-17	RSC-16	RSC-32	WKZ-4	WR-5

Twelve (12) of the 16 wetlands (75%) in Amazon Creek; 17 of 23 (74%) in Bethel Danebo; 31 of 40 (78%) in River Road–Santa Clara; 12 of 14 (86%) in Willakenzie; and 6 of 6 (100%) wetlands in the Willamette River and Willow Creek watersheds were determined to be locally significant. The single wetland in Laurel Hill was not significant. The majority of the wetlands which met the criteria for significance were undisturbed areas which contained a variety of plant species and which were hydrologically connected to, or located within the floodplain of, other waters of the state, such as the Willamette River or Amazon Creek. Although other wetlands within the study area are valuable for some functions, they do not satisfy the mandatory significant wetlands criteria.

7.0 PROJECT SUMMARY

- The City of Eugene hired Pacific Habitat Services, Inc. (PHS) to conduct a Local Wetlands Inventory (LWI) for areas within the City's Urban Growth Boundary in the Eugene area.
- The project area is approximately a 39,658 acres and includes the Willamette River and Amazon Creek.
- There are seven watersheds in the study area: Amazon Creek, Bethel-Danebo, Laurel Hill, River Road-Santa Clara, Willakenzie, Willow Creek, and the Willamette River.

- Field work was conducted between May 2003 and January 2004. 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.
- A total of 100 wetland units were identified in the project area, with a total acreage of approximately 685 acres.
- Farmed wetlands (PEMf) made up the greatest percentage of wetland by area (256 acres, or 38%). Palustrine emergent (PEM) wetlands were the second most prevalent wetland class (27%), followed by palustrine aquatic bed (PAB)(16%), palustrine forested (PFO)(10%), palustrine scrub-shrub (PSS)(5%), and palustrine unconsolidated bottom (PUB)(2%). Two classes of riverine wetlands, lower perennial aquatic bed and unconsolidated bottom combined for less than three percent coverage by area.
- Four (4) wetlands met the criteria for "wetlands of special interest for protection".
- Seventy-eight (78) of the one hundred wetlands met the criteria for Locally Significant Wetlands due to either diverse wildlife habitat, intact fish habitat, intact water quality function, and/or intact hydrologic control function.

8.0 REFERENCES

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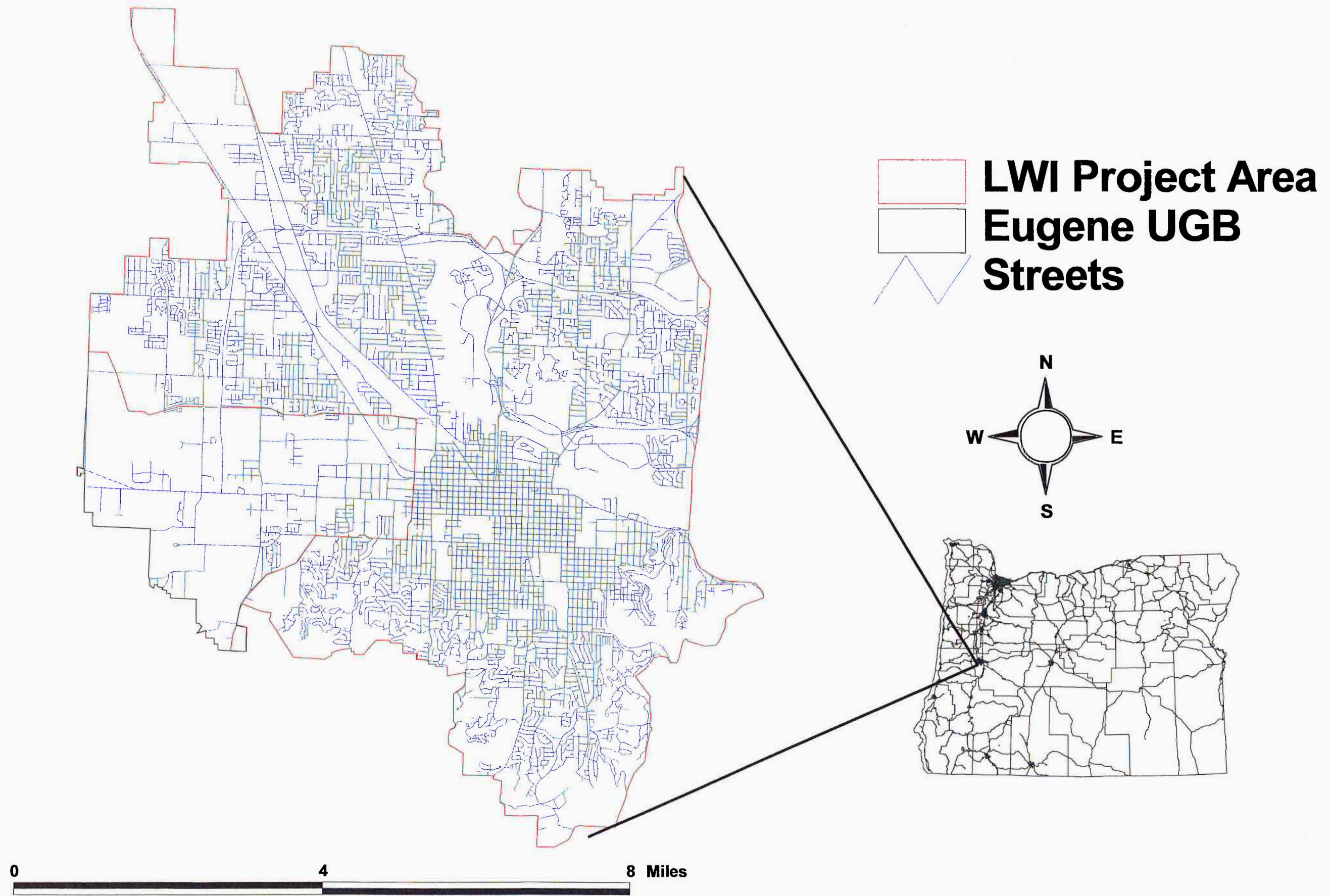


Figure 1. Eugene Local Wetland Inventory Project Area

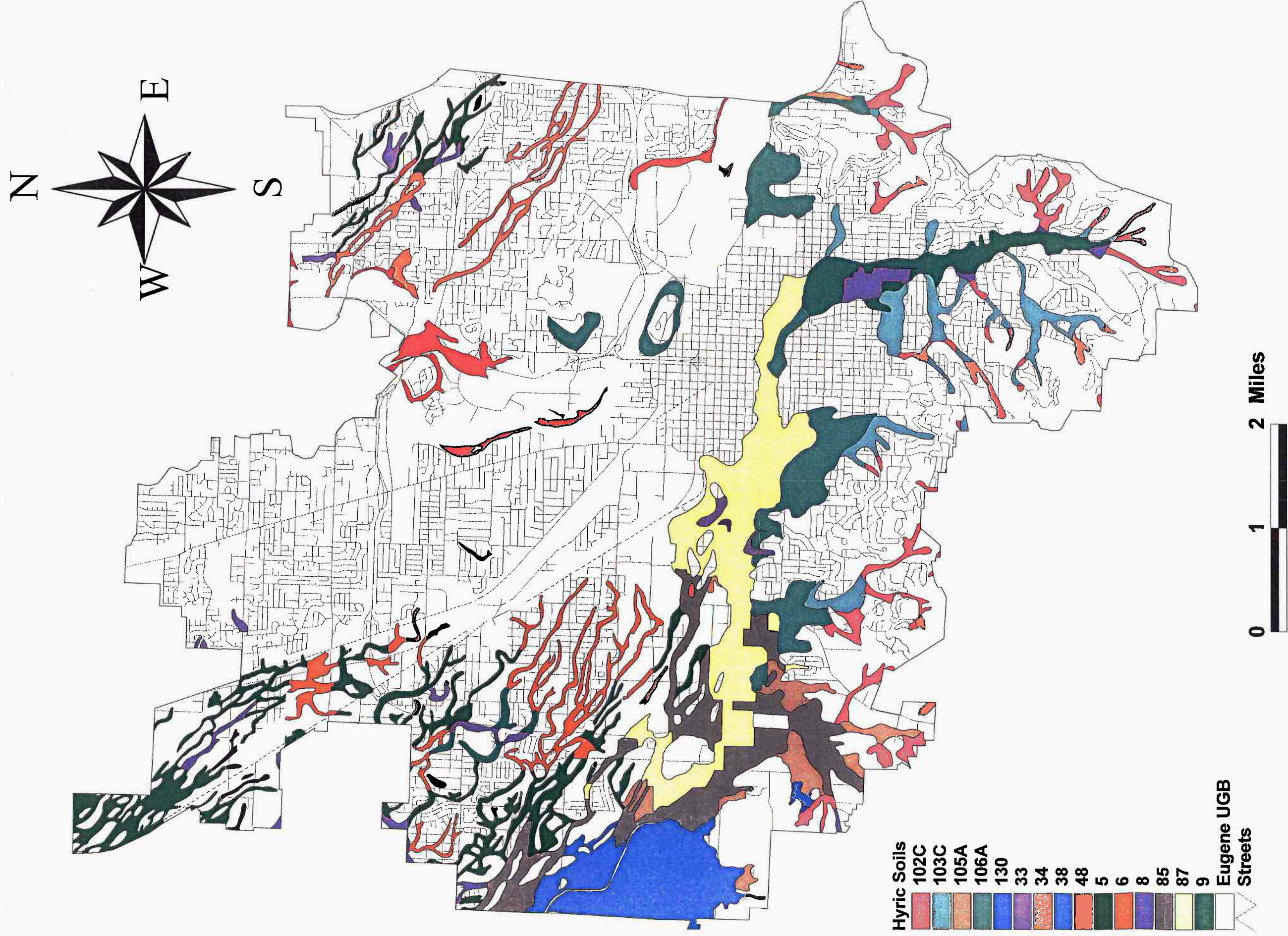


Figure 2. Mapped Hydric soils within the City of Eugene

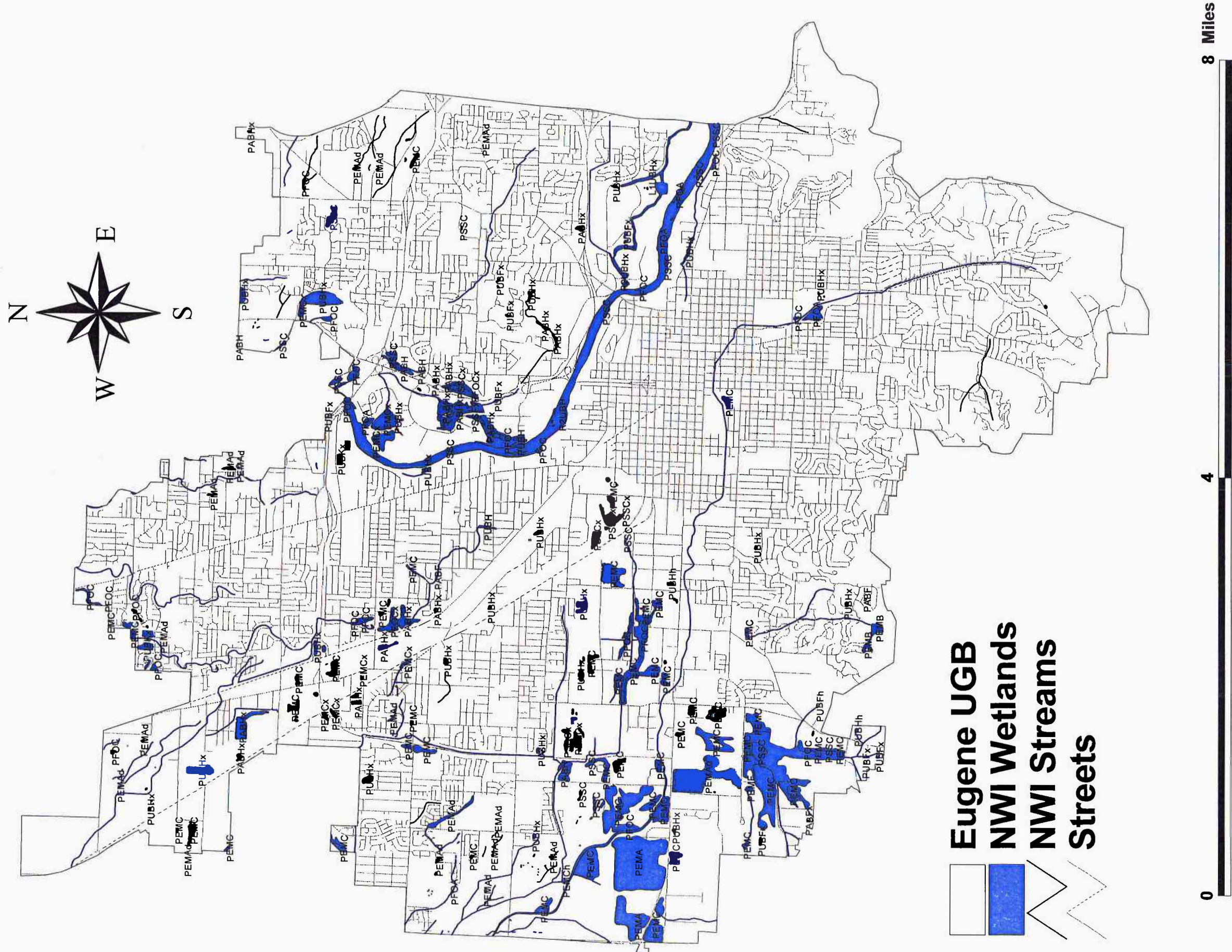


Figure 3. National Wetland Inventory for the City of Eugene

Wetland Characterization Sheet



Project Name: City of Eugene LWI

		Wetland Code:	AMA-1
Date(s) of field work:	9/11/2003	Size (acres):	1.58
Data Sheet Numbers:	OFFSITE	Cowardin Class(es):	PEM
Investigator(s):	SE/ME	HGM Class(es):	S/F

Location -- Legal:	T18S, R4W, Section 10
Other:	East and west sides of Timberline Drive, south of Warren Street
Tax Lots:	See accompanying table
Hydrologic basin:	Amazon Creek
Soil -- Mapped series:	Panther silty clay loam
Hydrologic Source:	Groundwater

Dominant Wetland Vegetation			
TREES / SHRUBS		VINES / HERBS	
<i>Crataegus douglasii</i>	Douglas' Hawthorn	<i>Juncus effusus</i>	Soft Rush
		<i>Alopecurus pratensis</i>	Meadow Foxtail
		<i>Dipsacus sylvestris</i>	Teasel
		<i>Typha latifolia</i>	Common Cattail

Comments:
 OFFSITE - The northern portion of the wetland is fed by a culvert from an adjacent development to the northwest. The wetland is a palustrine emergent system. Previously delineated (WD#01-0116), though portions have been altered for adjacent residential development. It is located outside of the 100 year floodplain and zoned as low density residential.
 Adjacent upland species: *Quercus garryana*, *Rubus discolor*, *Madia sativa*, *Festuca arundinacea*, *Lolium perenne*

COWARDIN CODES:	R2AB = riverine lower perennial aquatic bed	R2UB = riverine lower perennial unconsolidated bottom	PUB = palustrine unconsolidated bottom
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	PAB = palustrine aquatic bed
HGM CODES:	DCP = Depressional Closed Permanent	RI = Riverine Impounding	DO = Depressional Outflow
	DCNP = Depressional Closed Nonpermanent	RFT = Riverine Flow Through	S = Slope FL= Flats

Wetland Characterization Sheet



Project Name: City of Eugene LWI

		Wetland Code:	AMA-2
Date(s) of field work:	9/26/2003	Size (acres):	0.70
Data Sheet Numbers:	OFFSITE	Cowardin Class(es):	PFO, PSS, PEM
Investigator(s):	SE	HGM Class(es):	S/F

Location -- Legal:	T18S, R4W, Section 11
Other:	East of Timberline Drive and Bailey Hill
Tax Lots:	See accompanying table
Hydrologic basin:	Amazon Creek
Soil -- Mapped series:	Panther silty clay loam
Hydrologic Source:	Groundwater

Dominant Wetland Vegetation			
TREES / SHRUBS		VINES / HERBS	
<i>Fraxinus latifolia</i>	Oregon Ash	<i>Juncus effusus</i>	Soft Rush
<i>Crataegus douglasii</i>	Douglas' Hawthorn	<i>Agrostis tenuis</i>	Colonial Bentgrass
		<i>Dipsacus sylvestris</i>	Teasel

Comments:
 OFFSITE - A forested (25%), scrub-shrub (20%), and emergent (55%) wetland located in an undeveloped portion of the hills east of Timberline Drive. Wetland boundary determined by a combination of aerial photo, soils, and National Wetland Inventory map. Shallow groundwater or seeps provide hydrology to this wetland that is located upslope of an intermittent headwater tributary of Amazon Creek. The area is zoned residential.
 Adjacent upland species: *Quercus garryana*, *Pseudotsuga menziesii*, *Rubus discolor*, *Festuca arundinacea*, *Rhus diversiloba*

COWARDIN CODES:	R2AB = riverine lower perennial aquatic bed	R2UB = riverine lower perennial unconsolidated bottom	PUB = palustrine unconsolidated bottom
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	PAB = palustrine aquatic bed
HGM CODES:	DCP = Depressional Closed Permanent	RI = Riverine Impounding	DO = Depressional Outflow
	DCNP = Depressional Closed Nonpermanent	RFT = Riverine Flow Through	S = Slope FL = Flats

Wetland Characterization Sheet



Project Name: City of Eugene LWI

		Wetland Code:	AMA-3
Date(s) of field work:	9/11/2003	Size (acres):	0.53
Data Sheet Numbers:	86, 87	Cowardin Class(es):	PSS, PEM
Investigator(s):	SE/ME	HGM Class(es):	DO

Location -- Legal:	T18S, R4W, Section 11
Other:	East of Skyview Lane, north of Wintercreek Drive
Tax Lots:	See accompanying table
Hydrologic basin:	Amazon Creek
Soil -- Mapped series:	Dixonville-Philomath-Hazelair
Hydrologic Source:	Precipitation

Dominant Wetland Vegetation			
TREES / SHRUBS		VINES / HERBS	
<i>Rosa sp.</i>	Rose	<i>Holcus lanatus</i>	Common Velvet Grass
<i>Salix sp.</i>	Willow	<i>Juncus effusus</i>	Soft Rush
<i>Fraxinus latifolia</i>	Oregon Ash	<i>Juncus patens</i>	Spreading Rush
		<i>Juncus ensifolius</i>	Dagger-Leaf Rush
		<i>Agrostis tenuis</i>	Colonial Bentgrass
		<i>Epilobium densiflorum</i>	Dense-Flower Spike-Primrose
		<i>Rumex crispus</i>	Curly Dock
		<i>Madia sativa</i>	Coast Tarweed

Comments: **Locally Significant Wetland**
 Depressional emergent (95%) wetland with scattered scrub-shrub (5%) cover located in Skyview Park north of Wintercreek Drive. The park includes a boardwalk path that crosses the southern edge of the wetland. Though depressional in nature, there is a culvert at the west end which presumably conveys winter flows from the wetland into an intermittent drainage on the hillslope beyond.
 Adjacent upland species: *Pseudotsuga menziesii*, *Prunus avium*, *Quercus garryana*, *Crataegus douglasii*, *Amelanchier alnifolia*, *Prunus avium*, *Rhododendron macrophyllum*, *Rubus discolor*, *Festuca arundinacea*, *Polystichum munitum*, *Polypogon monspeliensis*

COWARDIN CODES:	R2AB = riverine lower perennial aquatic bed	R2UB = riverine lower perennial unconsolidated bottom	PUB = palustrine unconsolidated bottom
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	PAB = palustrine aquatic bed
HGM CODES:	DCP = Depressional Closed Permanent	RI = Riverine Impounding	DO = Depressional Outflow
	DCNP = Depressional Closed Nonpermanent	RFT = Riverine Flow Through	S = Slope FL = Flats

Wetland Characterization Sheet



Project Name: City of Eugene LWI

		Wetland Code:	AMA-4
Date(s) of field work:	9/11/2003	Size (acres):	1.43
Data Sheet Numbers:	OFFSITE	Cowardin Class(es):	PFO, PSS, PEM
Investigator(s):	SE/ME	HGM Class(es):	S/F

Location -- Legal:	T18S, R4W, Section 11
Other:	East and west sides of Hawkins Lane
Tax Lots:	See accompanying table
Hydrologic basin:	Amazon Creek
Soil -- Mapped series:	Panther silty clay loam
Hydrologic Source:	Precipitation

Dominant Wetland Vegetation			
TREES / SHRUBS		VINES / HERBS	
<i>Fraxinus latifolia</i>	Oregon Ash	<i>Phalaris arundinacea</i>	Reed Canary Grass
<i>Populus trichocarpa</i>	Black Cottonwood	<i>Juncus effusus</i>	Soft Rush
<i>Salix lasiandra</i>	Pacific Willow	<i>Holcus lanatus</i>	Common Velvet Grass

Comments: **Locally Significant Wetland**
 OFFSITE - The wetland is located on the east and west sides of Hawkins Lane, connected by a culvert. It is a forested (40%), scrub-shrub (40%), and emergent (20%) system connected to a drainage to the north. There is a small spring located to the south that flows into a storm drain adjacent to the road, but is not connected to the wetland. The wetland is located outside of the floodplain and is zoned Low Density Residential. Eastern portion previously delineated (DSL WD#98-0323).
 Adjacent upland species: *Quercus garryana*, *Gaultheria shallon*, *Rubus discolor*, *Festuca arundinacea*, *Dactylis glomerata*

COWARDIN CODES:	R2AB = riverine lower perennial aquatic bed	R2UB = riverine lower perennial unconsolidated bottom	PUB = palustrine unconsolidated bottom
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	PAB = palustrine aquatic bed
HGM CODES:	DCP = Depressional Closed Permanent	RI = Riverine Impounding	DO = Depressional Outflow
	DCNP = Depressional Closed Nonpermanent	RFT = Riverine Flow Through	S = Slope FL = Flats

Wetland Characterization Sheet



Project Name: City of Eugene LWI

		Wetland Code:	AMA-5
Date(s) of field work:	9/11/2003	Size (acres):	1.23
Data Sheet Numbers:	OFFSITE	Cowardin Class(es):	PFO, PSS, PEM
Investigator(s):	SE/ME	HGM Class(es):	S/F

Location -- Legal:	T18S, R4W, Section 11
Other:	East of Hawkins Lane
Tax Lots:	See accompanying table
Hydrologic basin:	Amazon Creek
Soil -- Mapped series:	Panther silty clay loam
Hydrologic Source:	Precipitation

Dominant Wetland Vegetation			
TREES / SHRUBS		VINES / HERBS	
<i>Fraxinus latifolia</i>	Oregon Ash	<i>Juncus effusus</i>	Soft Rush
<i>Populus trichocarpa</i>	Black Cottonwood		
<i>Salix lasiandra</i>	Pacific Willow		

Comments: **Locally Significant Wetland**
 OFFSITE - The wetland is a forested (60%), scrub-shrub (20%), and emergent (20%) system located east of Hawkins Lane. It is associated with Videra Creek. It was difficult to evaluate from the road because there was no access. The wetland drains to the northwest into a culvert under Hawkins Lane; however, it is assumed that the culvert daylights west of the road and flows into AMA-4. It is located outside of the floodplain. Zoned Low Density Residential. DSL WD# 98-0323.
 Adjacent upland species: *Pseudotsuga menziesii*, *Quercus garryana*, *Rubus discolor*, *Festuca arundinacea*, *Dactylis glomerata*

COWARDIN CODES:	R2AB = riverine lower perennial aquatic bed	R2UB = riverine lower perennial unconsolidated bottom	PUB = palustrine unconsolidated bottom
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	PAB = palustrine aquatic bed
HGM CODES:	DCP = Depressional Closed Permanent	RI = Riverine Impounding	DO = Depressional Outflow
	DCNP = Depressional Closed Nonpermanent	RFT = Riverine Flow Through	S = Slope FL = Flats

Wetland Characterization Sheet



Project Name: City of Eugene LWI

		Wetland Code:	AMA-6
Date(s) of field work:	6/10/2003, 10/1/2003	Size (acres):	9.90
Data Sheet Numbers:	79-83	Cowardin Class(es):	PEM
Investigator(s):	PF/SE, ME/SE	HGM Class(es):	DCNP

Location --	Legal: T18S R4W Section 1
	Other: Westmoreland Park east of Filmore Street, between 18th and 21st
	Tax Lots: See accompanying table
	Hydrologic basin: Amazon Creek
Soil -- Mapped series:	Pengra-Urban land complex, Bashaw clay
Hydrologic Source:	Precipitation

Dominant Wetland Vegetation	
TREES / SHRUBS	VINES / HERBS
	<i>Juncus effusus</i> Soft Rush
	<i>Ranunculus acris</i> Tall Butter-Cup
	<i>Danthonia californica</i> California Oatgrass
	<i>Festuca arundinacea</i> Tall Fescue
	<i>Juncus tenuis</i> Slender Rush
	<i>Briza minor</i> Little Quaking Grass
	<i>Deschampsia cespitosa</i> Tufted Hairgrass
	<i>Agrostis tenuis</i> Colonial Bentgrass
	<i>Microseris sp.</i> Microseris

Comments: **Locally Significant Wetland**

Located in the Westmoreland Park, this system consists of three palustrine emergent wetlands that are mowed and maintained. The northern most wetland is located within a frisbee golf course that is irrigated during the dry months. The wetlands are located outside of the floodplain. Zoned as Public Land.

Adjacent upland species: *Pinus contorta*, *Quercus garryana*, *Lolium perenne*, *Taraxacum officinale*, *Hypochaeris radicata*, *Aster sp.*, *Agrostis tenuis*, *Trifolium repens*, *Trifolium pratense*, *Poa pratensis*

COWARDIN CODES:	R2AB = riverine lower perennial aquatic bed	R2UB = riverine lower perennial unconsolidated bottom	PUB = palustrine unconsolidated bottom
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	PAB = palustrine aquatic bed
HGM CODES:	DCP = Depressional Closed Permanent	RI = Riverine Impounding	DO = Depressional Outflow
	DCNP = Depressional Closed Nonpermanent	RFT = Riverine Flow Through	S = Slope FL = Flats

Wetland Characterization Sheet



Project Name: City of Eugene LWI

		Wetland Code:	AMA-7
Date(s) of field work:	8/26/2003	Size (acres):	7.10
Data Sheet Numbers:	84, 85, 99, 100	Cowardin Class(es):	R2UB
Investigator(s):	SE	HGM Class(es):	RFT

Location --	Legal:	T172 4W 36, T17S 3W S31, T18S 3W 5, 6, 8, 17
	Other:	Between E. and W. Amazon Parkway, W. of Pearl St. to UGB Boundary
	Tax Lots:	See accompanying table
	Hydrologic basin:	Amazon Creek
Soil -- Mapped series:	Bashaw clay, Bashaw and Natroy-Urban Land Complex	
Hydrologic Source:	Surface Flow	

Dominant Wetland Vegetation			
TREES / SHRUBS		VINES / HERBS	
<i>Salix lasiandra</i>	Pacific Willow	<i>Alopecurus pratensis</i>	Meadow Foxtail
<i>Salix sitchensis</i>	Sitka Willow	<i>Scirpus microcarpus</i>	Small-Fruit Bulrush
<i>Populus trichocarpa</i>	Black Cottonwood	<i>Veronica americana</i>	American Speedwell
<i>Spiraea douglasii</i>	Douglas' Spiraea	<i>Juncus effusus</i>	Soft Rush
		<i>Juncus tenuis</i>	Slender Rush
		<i>Holcus lanatus</i>	Common Velvet Grass
		<i>Phalaris arundinacea</i>	Reed Canary Grass
		<i>Ranunculus repens</i>	Creeping Butter-Cup
		<i>Solanum dulcamara</i>	Bittersweet Nightshade
		<i>Equisetum arvense</i>	Field Horsetail

Comments: **Locally Significant Wetland**

Amazon Creek is a riverine system. It is a tributary to the Long Tom River, which flows into the Willamette River, northwest of Eugene. The creek is typically 10-20 feet wide with adjacent scrub-shrub and emergent wetland in some areas. It is located within the 100 year floodplain throughout its length. It flows through residential, commercial, and public open space areas.

Adjacent upland species: *Daucus carota*, *Festuca arundinacea*, *Dactylis glomerata*, *Tragopogon dubius*, *Torilis arvensis*, *Bromus mollis*, *Polypogon monspeliensis*, *Agrostis tenuis*, *Taeniatherum caput-medusae*, *Cynosurus cristatus*, *Prunella vulgaris*, *Holcus lanatus*, *Centarium umbellatum*

COWARDIN CODES:	R2AB = riverine lower perennial aquatic bed	R2UB = riverine lower perennial unconsolidated bottom	PUB = palustrine unconsolidated bottom
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	PAB = palustrine aquatic bed
HGM CODES:	DCP = Depressional Closed Permanent	RI = Riverine Impounding	DO = Depressional Outflow
	DCNP = Depressional Closed Nonpermanent	RFT = Riverine Flow Through	S = Slope FL = Flats

Wetland Characterization Sheet



Project Name: City of Eugene LWI

		Wetland Code:	AMA-8
Date(s) of field work:	6/10/2003	Size (acres):	4.17
Data Sheet Numbers:	102-104	Cowardin Class(es):	PEM, PFO, PSS
Investigator(s):	PF/SE	HGM Class(es):	S/F, RFT

Location -- Legal:	T18S R3W Section 7
Other:	North of Crest Drive, just west of Lincoln Street
Tax Lots:	See accompanying table
Hydrologic basin:	Amazon Creek
Soil -- Mapped series:	Dixonville-Philomath-Hazelair, Panther silty clay loam
Hydrologic Source:	Groundwater

Dominant Wetland Vegetation			
TREES / SHRUBS		VINES / HERBS	
		<i>Alopecurus geniculatus</i>	Water Foxtail
		<i>Alopecurus pratensis</i>	Meadow Foxtail
		<i>Juncus bufonius</i>	Toad Rush
		<i>Ranunculus repens</i>	Creeping Butter-Cup
		<i>Cynosurus cristatus</i>	Crested Dog-Tail Grass
		<i>Rumex crispus</i>	Curly Dock
		<i>Poa trivialis</i>	Rough Bluegrass
		<i>Veronica americana</i>	American Speedwell
		<i>Phalaris arundinacea</i>	Reed Canary Grass

Comments:
 Palustrine forested (10%), scrub-shrub (10%), and emergent (80%) wetland system. Located in Morse Ranch Park, mostly used as an off-leash dog park. There is a drainage channel located at the base of the slope in the western portion of the wetland that flows into a wooded area north of the wetland. It is not in the floodplain and is zoned Low Density Residential
 Adjacent upland species: *Quercus garryana*, *Pseudotsuga menziesii*, *Dactylis glomerata*, *Rhus diversiloba*, *Symphoricarpus albus*, *Oemleria cerasiformis*, *Hedera helix*, *Rubus discolor*, *Cynosurus cristatus*, *Trifolium dubium*, *Alopecurus pratensis*, *Juncus bufonius*, *Bellis perennis*, *Trifolium repens*, *Parentucellia viscosa*, *Cerastium arvense*

COWARDIN CODES:	R2AB = riverine lower perennial aquatic bed	R2UB = riverine lower perennial unconsolidated bottom	PUB = palustrine unconsolidated bottom
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	PAB = palustrine aquatic bed
HGM CODES:	DCP = Depressional Closed Permanent	RI = Riverine Impounding	DO = Depressional Outflow
	DCNP = Depressional Closed Nonpermanent	RFT = Riverine Flow Through	S = Slope FL = Flats

Wetland Characterization Sheet



Project Name: City of Eugene LWI

		Wetland Code:	AMA-9
Date(s) of field work:	8/29/2003	Size (acres):	14.84
Data Sheet Numbers:	91, 92, 97, 98	Cowardin Class(es):	PFO, PEM
Investigator(s):	SE/CR	HGM Class(es):	S/F

Location --	Legal:	T 18S, R 3W, Section 5
	Other:	East of Amazon Parkway between 24th and 29th Avenue
	Tax Lots:	See accompanying table
	Hydrologic basin:	Amazon Creek
Soil -- Mapped series:	Bashaw-Urban land complex, Bashaw clay	
Hydrologic Source:	Precipitation	

Dominant Wetland Vegetation			
TREES / SHRUBS		VINES / HERBS	
<i>Fraxinus latifolia</i>	Oregon Ash	<i>Camassia quamash</i>	Common Camas
<i>Crataegus monogyna</i>	One-Seed Hawthorn	<i>Juncus tenuis</i>	Slender Rush
<i>Crataegus douglasii</i>	Douglas' Hawthorn	<i>Juncus patens</i>	Spreading Rush
		<i>Agrostis tenuis</i>	Colonial Bentgrass
		<i>Rumex crispus</i>	Curly Dock
		<i>Epilobium watsonii</i>	Watson's willow herb
		<i>Deschampsia cespitosa</i>	Tufted Hairgrass
		<i>Holcus lanatus</i>	Common Velvet Grass
		<i>Alopecurus pratensis</i>	Meadow Foxtail

Comments: **Locally Significant Wetland**
 Large wetland located in Amazon Park and consists of forested (80%) and emergent (20%) communities. The emergent area is located in the southern portion of the wetland. A pedestrian trail borders much of the wetland with portions located within the wetland. There are two upland islands in the wetland. The wetland is located within the floodplain. There was no direct surface water connection to Amazon Creek. Zoned as Public Land. Endangered plant species Willamette valley daisy and Bradshaw's lomatium known to occur in wetland.

Adjacent upland species: *Crataegus monogyna*, *Symphoricarpos albus*, *Daucus carota*, *Festuca arundinacea*, *Hypochaeris radicata*, *Agrostis tenuis*, *Dactylis glomerata*, *Taraxacum officinale*, *Cynosurus cristatus*

COWARDIN CODES:	R2AB = riverine lower perennial aquatic bed	R2UB = riverine lower perennial unconsolidated bottom	PUB = palustrine unconsolidated bottom
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	PAB = palustrine aquatic bed
HGM CODES:	DCP = Depressional Closed Permanent	RI = Riverine Impounding	DO = Depressional Outflow
	DCNP = Depressional Closed Nonpermanent	RFT = Riverine Flow Through	S = Slope FL = Flats

Wetland Characterization Sheet



Project Name: City of Eugene LWI

		Wetland Code:	AMA-10
Date(s) of field work:	8/29/2003	Size (acres):	1.42
Data Sheet Numbers:	88-90	Cowardin Class(es):	PFO, PEM
Investigator(s):	SE/CR	HGM Class(es):	S/F

Location -- Legal:	T18S, R3W, Section 5
Other:	West of Amazon Parkway, South of 24th Avenue
Tax Lots:	See accompanying table
Hydrologic basin:	Amazon Creek
Soil -- Mapped series:	Bashaw-Urban land complex
Hydrologic Source:	Precipitation

Dominant Wetland Vegetation			
TREES / SHRUBS		VINES / HERBS	
<i>Fraxinus latifolia</i>	Oregon Ash	<i>Polygonum hydropiper</i>	Marshpepper Smartweed
<i>Crataegus monogyna</i>	One-Seed Hawthorn	<i>Agrostis stolonifera</i>	Spreading Bentgrass
<i>Crataegus douglasii</i>	Douglas' Hawthorn	<i>Juncus patens</i>	Spreading Rush
<i>Rosa eglanteria</i>	Sweetbrier	<i>Geum macrophyllum</i>	Large-Leaf Avens
<i>Rosa nutkana</i>	Nootka Rose	<i>Agrostis tenuis</i>	Colonial Bentgrass
<i>Salix lasiandra</i>	Pacific Willow	<i>Mentha pulegium</i>	Penny-Royal
		<i>Convolvulus arvensis</i>	Field Bindweed

Comments: **Locally Significant Wetland**
 Located at north end of Amazon Park, east of Amazon Creek, and south and west of the tennis courts. The wetland has no direct connection to Amazon Creek, although there is a shallow ditch on the east edge with an unknown outlet. Northern portion of wetland is forested (65%) and the southern portion is emergent (35%). It is located outside of the 100-year floodplain and zoned Public Land.
 Adjacent upland species: *Festuca arundinacea*, *Hypochaeris radicata*, *Trifolium repens*, *Taraxacum officinale*, *Poa annua*, *Agrostis tenuis*, *Crepis setosa*, *Lolium sp.*

COWARDIN CODES:	R2AB = riverine lower perennial aquatic bed	R2UB = riverine lower perennial unconsolidated bottom	PUB = palustrine unconsolidated bottom
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	PAB = palustrine aquatic bed
HGM CODES:	DCP = Depressional Closed Permanent	RI = Riverine Impounding	DO = Depressional Outflow
	DCNP = Depressional Closed Nonpermanent	RFT = Riverine Flow Through	S = Slope FL = Flats

Wetland Characterization Sheet



Project Name: City of Eugene LWI

		Wetland Code:	AMA-11
Date(s) of field work:	8/29/2003	Size (acres):	8.36
Data Sheet Numbers:	93, 94	Cowardin Class(es):	PEM
Investigator(s):	SE/CR	HGM Class(es):	S/F

Location -- Legal:	T18S, R3W, Section 5
Other:	East of Hillyard Street between 25th and 27th Avenue
Tax Lots:	See accompanying table
Hydrologic basin:	Amazon Creek
Soil -- Mapped series:	Bashaw Clay
Hydrologic Source:	Precipitation

Dominant Wetland Vegetation			
TREES / SHRUBS		VINES / HERBS	
		<i>Deschampsia cespitosa</i>	Tufted Hairgrass
		<i>Agrostis stolonifera</i>	Spreading Bentgrass
		<i>Beckmannia syzigachne</i>	American Sloughgrass
		<i>Grindelia integrifolia</i>	Puget Sound gumweed
		<i>Parentucellia viscosa</i>	Yellow Parentucellia

Comments: **Locally Significant Wetland**
 Located in Amazon Park, east of Amazon Creek. The emergent wetland is connected to Amazon Creek by a small culvert under a concrete walkway. It is within the 100-year floodplain, but there is no fish habitat. It is zoned Public Land. DSL WD# 00-0593.

Adjacent upland species: *Daucus carota*, *Festuca arundinacea*, *Hypochaeris radicata*, *Rumex crispus*, *Madia sativa*

COWARDIN CODES:	R2AB = riverine lower perennial aquatic bed	R2UB = riverine lower perennial unconsolidated bottom	PUB = palustrine unconsolidated bottom
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	PAB = palustrine aquatic bed
HGM CODES:	DCP = Depressional Closed Permanent	RI = Riverine Impounding	DO = Depressional Outflow
	DCNP = Depressional Closed Nonpermanent	RFT = Riverine Flow Through	S = Slope FL = Flats

Wetland Characterization Sheet



Project Name: City of Eugene LWI

		Wetland Code:	AMA-12
Date(s) of field work:	10/1/2003	Size (acres):	1.03
Data Sheet Numbers:	101	Cowardin Class(es):	PFO, PSS, PEM
Investigator(s):	SE/ME	HGM Class(es):	S/F

Location -- Legal:	T18S, R3W, Sections 5, 8
Other:	West of Hillyard Street between 28th and 30th Avenue
Tax Lots:	See accompanying table
Hydrologic basin:	Amazon Creek
Soil -- Mapped series:	Bashaw clay
Hydrologic Source:	Precipitation

Dominant Wetland Vegetation			
TREES / SHRUBS		VINES / HERBS	
<i>Fraxinus latifolia</i>	Oregon Ash	<i>Galium aparine</i>	Cleavers
<i>Pyrus communis</i>	Cultivated pear	<i>Juncus tenuis</i>	Slender Rush
<i>Crataegus monogyna</i>	One-Seed Hawthorn	<i>Camassia quamash</i>	Common Camas
<i>Rosa nutkana</i>	Nootka Rose		

Comments: **Locally Significant Wetland**

The wetland is a mosaic of 60% wetland and 40% upland located in Amazon Park. The wetland consists of forested (80%), scrub-shrub (15%), and emergent (5%) communities. There is a drainage ditch in the center of the wetland that drains to Amazon Creek via a culvert. There is another ditch that also drains the northern portion of the wetland to the creek. Zoned Public Land. Wetland is located outside of the floodplain.

Adjacent upland species: *Crataegus monogyna*, *Amelanchier alnifolia*, *Rubus discolor*, *Dactylis glomerata*

COWARDIN CODES:	R2AB = riverine lower perennial aquatic bed	R2UB = riverine lower perennial unconsolidated bottom	PUB = palustrine unconsolidated bottom
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	PAB = palustrine aquatic bed
HGM CODES:	DCP = Depressional Closed Permanent	RI = Riverine Impounding	DO = Depressional Outflow
	DCNP = Depressional Closed Nonpermanent	RFT = Riverine Flow Through	S = Slope FL = Flats

Wetland Characterization Sheet



Project Name: City of Eugene LWI

		Wetland Code:	AMA-13
Date(s) of field work:	10/17/2003	Size (acres):	1.43
Data Sheet Numbers:	105, 106	Cowardin Class(es):	PFO, PEM
Investigator(s):	JVS/CR	HGM Class(es):	S/F

Location -- Legal:	T18S R3W Section 19
Other:	West of Fox Hollow Drive, south of Owl Road
Tax Lots:	See accompanying table
Hydrologic basin:	Amazon Creek
Soil -- Mapped series:	Dixonville-Philomath-Hazelair
Hydrologic Source:	Groundwater

Dominant Wetland Vegetation			
TREES / SHRUBS		VINES / HERBS	
<i>Fraxinus latifolia</i>	Oregon Ash	<i>Rubus ursinus</i>	California Dewberry
<i>Salix lasiandra</i>	Pacific Willow	<i>Carex stipata</i>	Sawbeck Sedge
		<i>Carex densa</i>	Dense Sedge
		<i>Oenanthe sarmentosa</i>	Water-Parsley
		<i>Juncus tenuis</i>	Slender Rush
		<i>Equisetum arvense</i>	Field Horsetail
		<i>Wyethia angustifolia</i>	Narrow-Leaf Muleears
		<i>Agrostis tenuis</i>	Colonial Bentgrass
		<i>Prunella vulgaris</i>	Heal-All
		<i>Juncus patens</i>	Spreading Rush

Comments: **Locally Significant Wetland**
Wetland is a mosaic of 60% wetland and 40% upland and located downslope of a hillside in a low density residential area. The wetland consists of forested (90%) and emergent (10%) communities. It drains into a ditch which flows in a culvert under Owl Road and continues through a pasture to the north. The wetland is not within the floodplain and is zoned as low density residential.
Adjacent upland species: *Pseudotsuga menziesii*, *Quercus garryana*, *Crataegus monogyna*, *Rubus discolor*, *Polystichum munitum*, *Dactylis glomerata*, *Daucus carota*, *Festuca arundinacea*, *Hypochaeris radicata*, *Trifolium pratense*, *Bromus inermis*

COWARDIN CODES:	R2AB = riverine lower perennial aquatic bed	R2UB = riverine lower perennial unconsolidated bottom	PUB = palustrine unconsolidated bottom
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	PAB = palustrine aquatic bed
HGM CODES:	DCP = Depressional Closed Permanent	RI = Riverine Impounding	DO = Depressional Outflow
	DCNP = Depressional Closed Nonpermanent	RFT = Riverine Flow Through	S = Slope FL = Flats

Wetland Characterization Sheet



Project Name: City of Eugene LWI

		Wetland Code:	AMA-14
Date(s) of field work:	11/25/2003	Size (acres):	0.86
Data Sheet Numbers:	OFFSITE	Cowardin Class(es):	PFO, PSS, PEM
Investigator(s):	SE/ME	HGM Class(es):	S/F

Location -- Legal:	T18S, R3W, Sections 16, 17
Other:	Northeast corner of Shasta Loop and Barber Drive
Tax Lots:	See accompanying table
Hydrologic basin:	Amazon Creek
Soil -- Mapped series:	Panther silty clay loam
Hydrologic Source:	Surface flow

Dominant Wetland Vegetation			
TREES / SHRUBS		VINES / HERBS	
<i>Fraxinus latifolia</i>	Oregon Ash	<i>Phalaris arundinacea</i>	Reed Canary Grass
<i>Crataegus douglasii</i>	Douglas' Hawthorn	<i>Equisetum arvense</i>	Field Horsetail
		<i>Ranunculus repens</i>	Creeping Butter-Cup
		<i>Rumex crispus</i>	Curly Dock
		<i>Cirsium arvense</i>	Creeping Thistle
		<i>Agrostis tenuis</i>	Colonial Bentgrass
		<i>Scirpus microcarpus</i>	Small-Fruit Bulrush

Comments: **Locally Significant Wetland**
 OFFSITE - The wetland is a mosaic of wetland 70% and upland 30%. The wetland is connected to a drainage that flows behind several residential homes. The wetland consists of forested (15%), scrub-shrub (5%), and emergent (80%) communities. It is located outside of the floodplain and is zoned Low Density Residential.

Adjacent upland species: *Pseudotsuga menziesii*, *Quercus garryana*, *Rubus discolor*, *Festuca arundinacea*, *Trifolium repens*, *Dactylis glomerata*, *Hypochaeris radicata*, *Cirsium vulgare*

COWARDIN CODES:	R2AB = riverine lower perennial aquatic bed	R2UB = riverine lower perennial unconsolidated bottom	PUB = palustrine unconsolidated bottom
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	PAB = palustrine aquatic bed
HGM CODES:	DCP = Depressional Closed Permanent	RI = Riverine Impounding	DO = Depressional Outflow
	DCNP = Depressional Closed Nonpermanent	RFT = Riverine Flow Through	S = Slope FL = Flats

Wetland Characterization Sheet



Project Name: City of Eugene LWI

		Wetland Code:	AMA-15
Date(s) of field work:	9/11/2003	Size (acres):	2.38
Data Sheet Numbers:	OFFSITE	Cowardin Class(es):	PFO, PEM
Investigator(s):	SE/ME	HGM Class(es):	DCNP

Location -- Legal:	T17S, R4W, Section 31
Other:	Northeast corner of Greenhill Road and Bonnie Heights Road
Tax Lots:	See accompanying table
Hydrologic basin:	Amazon Creek
Soil -- Mapped series:	Dixonville-Philmoath-Hazelair complex, Hazelair silty clay loam
Hydrologic Source:	Precipitation

Dominant Wetland Vegetation			
TREES / SHRUBS		VINES / HERBS	
<i>Fraxinus latifolia</i>	Oregon Ash	<i>Juncus tenuis</i>	Slender Rush
<i>Crataegus douglasii</i>	Douglas' Hawthorn	<i>Holcus lanatus</i>	Common Velvet Grass
<i>Rosa nutkana</i>	Nootka Rose	<i>Camassia quamash</i>	Common Camas
		<i>Phalaris arundinacea</i>	Reed Canary Grass
		<i>Madia sativa</i>	Coast Tarweed
		<i>Rumex crispus</i>	Curly Dock
		<i>Deschampsia cespitosa</i>	Tufted Hairgrass
		<i>Parentucellia viscosa</i>	Yellow Parentucellia

Comments:
 OFFSITE - The western portion of the wetland is forested (40%) and the eastern portion consists of an open herbaceous wetland (60%) meadow. This wetland appears to have been part of a larger system, located north of the road. The site is located outside of the floodplain and is zoned Neighborhood Commerical.

Adjacent upland species: *Rubus ursinus*, *Rubus discolor*, *Lactuca serriola*, *Cirsium vulgare* *Festuca arundinacea*

COWARDIN CODES:	R2AB = riverine lower perennial aquatic bed	R2UB = riverine lower perennial unconsolidated bottom	PUB = palustrine unconsolidated bottom
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	PAB = palustrine aquatic bed
HGM CODES:	DCP = Depressional Closed Permanent	RI = Riverine Impounding	DO = Depressional Outflow
	DCNP = Depressional Closed Nonpermanent	RFT = Riverine Flow Through	S = Slope FL = Flats

Wetland Characterization Sheet



Project Name: City of Eugene LWI

		Wetland Code:	AMA-16
Date(s) of field work:	10/1/2003	Size (acres):	0.89
Data Sheet Numbers:	95, 96	Cowardin Class(es):	PEM
Investigator(s):	SE/ME	HGM Class(es):	DCNP

Location --	Legal:	T 18S, R 3W, Section 5
	Other:	West of Amazon Parkway, east of 28th Avenue
	Tax Lots:	See accompanying table
	Hydrologic basin:	Amazon Creek
Soil -- Mapped series:	Bashaw-Urban land complex, Bashaw clay	
Hydrologic Source:	Precipitation	

Dominant Wetland Vegetation			
TREES / SHRUBS		VINES / HERBS	
		<i>Epilobium watsonii</i>	Watson's willow herb
		<i>Prunella vulgaris</i>	Heal-All
		<i>Carex sp.</i>	Sedge
		<i>Grindelia integrifolia</i>	Puget Sound Gumweed
		<i>Gnaphalium palustre</i>	Lowland Cudweed
		<i>Juncus tenuis</i>	Slender Rush

Comments: **Locally Significant Wetland**
 Wetland of Special Interest for Protection. A palustrine emergent wetland located in an open area surrounded by residential development to the west and south. The vegetation is mowed and maintained. The wetland may have been hydrologically connected to AMA-9; however, Amazon Parkway splits these two wetlands. It is located outside of the floodplain. Zoned as Public Land. Wetland contains *Lomatium bradshawsii*, a threatened and endangered plant species.
 Adjacent upland species: *Taraxacum officinale*, *Festuca arundinacea*, *Agrostis tenuis*

COWARDIN CODES:	R2AB = riverine lower perennial aquatic bed	R2UB = riverine lower perennial unconsolidated bottom	PUB = palustrine unconsolidated bottom
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	PAB = palustrine aquatic bed
HGM CODES:	DCP = Depressional Closed Permanent	RI = Riverine Impounding	DO = Depressional Outflow
	DCNP = Depressional Closed Nonpermanent	RFT = Riverine Flow Through	S = Slope FL = Flats

Wetland Characterization Sheet



Project Name: City of Eugene LWI

		Wetland Code:	BD-1
Date(s) of field work:	11/4/2003	Size (acres):	4.09
Data Sheet Numbers:	OFFSITE	Cowardin Class(es):	PEM, PSS
Investigator(s):	ME	HGM Class(es):	RFT

Location --	Legal:	T17S R4W Sections 16, 17
	Other:	S. of Beltline Rd. and Barger Dr. to W. of Terry St. and Jessen Ave.
	Tax Lots:	See accompanying table
	Hydrologic basin:	Bethel-Danebo
Soil -- Mapped series:	Awbrig silty clay loam, Bashaw clay, Coburg silty clay loam	
Hydrologic Source:	Surface Flow	

Dominant Wetland Vegetation			
TREES / SHRUBS		VINES / HERBS	
<i>Salix spp.</i>	Willow	<i>Phalaris arundinacea</i>	Reed Canary Grass
		<i>Typha latifolia</i>	Common Cattail

Comments:
 OFFSITE - The drainage begins south of Barger Drive and Beltline Road, where it flows through the middle of BD-14. This system consists of scrub-shrub (30%) and emergent (70%) components. The drainage continues north to Jessen Avenue where it begins to flow west to Amazon Creek, outside of the Urban Growth Boundary. The section between Primrose Street and east of Terry Street is outside of the Urban Growth Boundary. North of Barger Drive, the drainage widens and consists of scrub-shrub and emergent communities. The portion west of Beltline is located within the floodplain and flows through areas zoned as Low Density Residential.

Adjacent upland species: *Festuca arundinacea*, *Rubus discolor*

COWARDIN CODES:	R2AB = riverine lower perennial aquatic bed	R2UB = riverine lower perennial unconsolidated bottom	PUB = palustrine unconsolidated bottom
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	PAB = palustrine aquatic bed
HGM CODES:	DCP = Depressional Closed Permanent	RI = Riverine Impounding	DO = Depressional Outflow
	DCNP = Depressional Closed Nonpermanent	RFT = Riverine Flow Through	S = Slope FL = Flats

Wetland Characterization Sheet



Project Name: City of Eugene LWI

		Wetland Code:	BD-2
Date(s) of field work:	7/31/2003	Size (acres):	5.35
Data Sheet Numbers:	OFFSITE	Cowardin Class(es):	PFO, PAB, PEM
Investigator(s):	JVS/CR	HGM Class(es):	S/F

Location -- Legal:	T17S R4W Section 17
Other:	West of Terry Street, North of Sugar Pine Circle
Tax Lots:	See accompanying table
Hydrologic basin:	Bethel-Danebo
Soil -- Mapped series:	Awbrig silty clay loam, Bashaw clay
Hydrologic Source:	Groundwater

Dominant Wetland Vegetation			
TREES / SHRUBS		VINES / HERBS	
<i>Fraxinus latifolia</i>	Oregon Ash	<i>Rumex crispus</i>	Curly Dock
<i>Alnus rubra</i>	Red Alder	<i>Epilobium densiflorum</i>	Dense-Flower Spike-Primrose
		<i>Polygonum sp.</i>	Smartweed

Comments: **Locally Significant Wetland**
 OFFSITE - Large wetland that consists of a dominant forested (60%) system with a palustrine aquatic bed (30%) and emergent (10%) components. It is surrounded to the north, east, and south by residential development. The western half of the wetland is located outside of the Urban Growth Boundary. It is located within the floodplain in an area zoned as Low Density Residential.
 Adjacent upland species: *Alnus rubra*, *Thuja plicata*, *Acer macrophyllum*, residential lawns

COWARDIN CODES:	R2AB = riverine lower perennial aquatic bed	R2UB = riverine lower perennial unconsolidated bottom	PUB = palustrine unconsolidated bottom
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	PAB = palustrine aquatic bed
HGM CODES:	DCP = Depressional Closed Permanent	RI = Riverine Impounding	DO = Depressional Outflow
	DCNP = Depressional Closed Nonpermanent	RFT = Riverine Flow Through	S = Slope FL = Flats

Wetland Characterization Sheet



Project Name: City of Eugene LWI

		Wetland Code:	BD-3
Date(s) of field work:	7/10/2003	Size (acres):	5.71
Data Sheet Numbers:	29-31	Cowardin Class(es):	PEM
Investigator(s):	PF/ME	HGM Class(es):	S/F

Location -- Legal:	T17S R4W Section 20
Other:	N. of Praslin Street, west of Heitzman Way
Tax Lots:	See accompanying table
Hydrologic basin:	Bethel-Danebo
Soil -- Mapped series:	Awbrig silty clay loam
Hydrologic Source:	Precipitation

Dominant Wetland Vegetation			
TREES / SHRUBS		VINES / HERBS	
<i>Crataegus douglasii</i>	Douglas' Hawthorn	<i>Alopecurus pratensis</i>	Meadow Foxtail
		<i>Eryngium petiolatum</i>	Oregon Coyote-Thistle
		<i>Agrostis tenuis</i>	Colonial Bentgrass
		<i>Epilobium densiflorum</i>	Dense-Flower Spike-Primrose
		<i>Juncus ensifolius</i>	Dagger-Leaf Rush
		<i>Madia sativa</i>	Coast Tarweed
		<i>Navarretia intertexta</i>	Needle-Leaf Navarretia
		<i>Hypochaeris radicata</i>	Spotted Cat'sear
		<i>Carex arcta</i>	Northern Clustered Sedge
		<i>Carex deweyana</i>	Dewey's Sedge

Comments: **Locally Significant Wetland**
 The wetland is an emergent system confined on all sides by residential development. The western portion was previously delineated (DSL WD# 01-0308). Much of the former wetland was filled for residential development. The remaining portion is composed of two swales located north and east of three separate wetland mitigation areas. Most of the wetland is located within the 100-year floodplain. Zoned as Low Density Residential.
 Adjacent upland species: *Festuca arundinacea*, *Alopecurus pratensis*, *Rosa sp.*, *Madia sativa*, *Cirsium arvense*

- COWARDIN CODES:** R2AB = riverine lower perennial aquatic bed R2UB = riverine lower perennial unconsolidated bottom PUB = palustrine unconsolidated bottom
- PFO = palustrine forested PSS = palustrine scrub-shrub PEM = palustrine emergent PAB = palustrine aquatic bed
- HGM CODES:** DCP = Depressional Closed Permanent RI = Riverine Impounding DO = Depressional Outflow
- DCNP = Depressional Closed Nonpermanent RFT = Riverine Flow Through S = Slope FL = Flats

Wetland Characterization Sheet



Project Name: City of Eugene LWI

		Wetland Code:	BD-4
Date(s) of field work:	7/23/2003	Size (acres):	9.06
Data Sheet Numbers:	32-35	Cowardin Class(es):	PEMf, PEM
Investigator(s):	PF/JVS	HGM Class(es):	S/F

Location -- Legal:	T17S R4W Section 20
Other:	East of Legacy Street
Tax Lots:	See accompanying table
Hydrologic basin:	Bethel-Danebo
Soil -- Mapped series:	Natroy silty clay loam
Hydrologic Source:	Precipitation

Dominant Wetland Vegetation			
TREES / SHRUBS		VINES / HERBS	
<i>Fraxinus latifolia</i>	Oregon Ash	<i>Carex obnupta</i>	Slough Sedge
<i>Rosa eglantheria</i>	Sweetbrier	<i>Poa trivialis</i>	Rough Bluegrass
		<i>Hordeum brachyantherum</i>	Meadow Barley
		<i>Vulpia myuros</i>	Rat-Tail Fescue
		<i>Epilobium watsonii</i>	Watson's Willow-Herb
		<i>Rumex crispus</i>	Curly Dock
		<i>Alopecurus pratensis</i>	Meadow Foxtail

Comments: **Locally Significant Wetland**
 The wetland is located in an agricultural field surrounded by recent development and was previously delineated. DSL WD# 02-0161. The wetland consists of emergent (55%), emergent farmed (40%), and forested (5%) community. The forested wetland area is dominated by Oregon ash in the northern portion of the field. It is located within the floodplain and is zoned as Low Density Residential.
 Adjacent upland species: *Lactuca serriola*, *Sonchus asper*, *Hordeum brachyantherum*, *Cirsium vulgare*, *Vulpia myuros*, *Lolium perenne*

COWARDIN CODES:	R2AB = riverine lower perennial aquatic bed	R2UB = riverine lower perennial unconsolidated bottom	PUB = palustrine unconsolidated bottom
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	PAB = palustrine aquatic bed
HGM CODES:	DCP = Depressional Closed Permanent	RI = Riverine Impounding	DO = Depressional Outflow
	DCNP = Depressional Closed Nonpermanent	RFT = Riverine Flow Through	S = Slope FL = Flats

Wetland Characterization Sheet



Project Name: City of Eugene LWI

		Wetland Code:	BD-5
Date(s) of field work:	7/23/2003	Size (acres):	26.93
Data Sheet Numbers:	OFFSITE	Cowardin Class(es):	PEMf
Investigator(s):	JVS/PF	HGM Class(es):	S/F

Location -- Legal:	T17S R4W Section 20
Other:	East of Greenhill Road, South of Amazon Creek
Tax Lots:	See accompanying table
Hydrologic basin:	Bethel-Danebo
Soil -- Mapped series:	Natroy silty clay loam
Hydrologic Source:	Precipitation

Dominant Wetland Vegetation			
TREES / SHRUBS		VINES / HERBS	

Comments: **Locally Significant Wetland**
 OFFSITE - Emergent wetland is located in an agricultural field. Due to lack of access, PHS was unable to determine plant species in the wetland and adjacent upland areas. Wetland boundary was based on a delineation (WD#04-0201). It is outside of the floodplain and zoned as Low Density Residential.

 Adjacent upland species: Unknown planted herbaceous species.

COWARDIN CODES:	R2AB = riverine lower perennial aquatic bed	R2UB = riverine lower perennial unconsolidated bottom	PUB = palustrine unconsolidated bottom
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	PAB = palustrine aquatic bed
HGM CODES:	DCP = Depressional Closed Permanent	RI = Riverine Impounding	DO = Depressional Outflow
	DCNP = Depressional Closed Nonpermanent	RFT = Riverine Flow Through	S = Slope FL = Flats

Wetland Characterization Sheet



Project Name: City of Eugene LWI

Date(s) of field work:	N/A	Wetland Code:	BD-6
Data Sheet Numbers:	OFFSITE	Size (acres):	13.87
Investigator(s):	ME	Cowardin Class(es):	PEMf
		HGM Class(es):	S/F

Location -- Legal:	T17S R4W Section 20
Other:	North of the Greenhill Tributary, West of Austin Way
Tax Lots:	See accompanying table
Hydrologic basin:	Bethel-Danebo
Soil -- Mapped series:	Natroy silty clay loam, Dayton silt loam
Hydrologic Source:	Precipitation

Dominant Wetland Vegetation			
TREES / SHRUBS		VINES / HERBS	

Comments: **Locally Significant Wetland**
 OFFSITE - Two emergent wetlands located in an agricultural field, just north of the Greenhill Tributary. Wetland line based heavily upon aerial photography. They are located outside of the floodplain and zoned as Low Density Residential. Due to lack of access, PHS was unable to determine plant species in the wetland and adjacent upland areas.
 Adjacent upland species: Unknown.

COWARDIN CODES: R2AB = riverine lower perennial aquatic bed R2UB = riverine lower perennial unconsolidated bottom PUB = palustrine unconsolidated bottom
 PFO = palustrine forested PSS = palustrine scrub-shrub PEM = palustrine emergent PAB = palustrine aquatic bed
HGM CODES: DCP = Depressional Closed Permanent RI = Riverine Impounding DO = Depressional Outflow
 DCNP = Depressional Closed Nonpermanent RFT = Riverine Flow Through S = Slope FL = Flats

Wetland Characterization Sheet



Project Name: City of Eugene LWI

		Wetland Code:	BD-7
Date(s) of field work:	7/23/2003	Size (acres):	25.72
Data Sheet Numbers:	OFFSITE	Cowardin Class(es):	PEMf, PEM
Investigator(s):	PF/JVS	HGM Class(es):	S/F

Location -- Legal:	T17S R4W Section 20
Other:	South of Donohoe Avenue, North of Royal Avenue
Tax Lots:	See accompanying table
Hydrologic basin:	Bethel-Danebo
Soil -- Mapped series:	Awbrig, Coburg, and Natroy silty clay loams
Hydrologic Source:	Precipitation

Dominant Wetland Vegetation			
TREES / SHRUBS		VINES / HERBS	

Comments: **Locally Significant Wetland**
 OFFSITE - Two large wetland systems located in agricultural fields hydrologically connected to the Greenhill Tributary and Amazon Creek. One wetland is an emergent (20%) system and the other on is an emergent farmed (80%) system. Both were previously delineated in 1998 and 2000. DSL WD#98-0074 and 00-0304. Located within the floodplain and zoned as Low Density Residential in the northern portion and Agricultural in the southern portion.
 Adjacent upland species: Unknown.

COWARDIN CODES:	R2AB = riverine lower perennial aquatic bed	R2UB = riverine lower perennial unconsolidated bottom	PUB = palustrine unconsolidated bottom
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	PAB = palustrine aquatic bed
HGM CODES:	DCP = Depressional Closed Permanent	RI = Riverine Impounding	DO = Depressional Outflow
	DCNP = Depressional Closed Nonpermanent	RFT = Riverine Flow Through	S = Slope FL = Flats

Wetland Characterization Sheet



Project Name: City of Eugene LWI

		Wetland Code:	BD-8
Date(s) of field work:	7/23/2003	Size (acres):	9.12
Data Sheet Numbers:	OFFSITE	Cowardin Class(es):	PEM
Investigator(s):	PF/JVS	HGM Class(es):	RFT, S/F

Location -- Legal:	T17S R4W Section 20
Other:	West of Terry Street, between Donahoe and Royal Avenues
Tax Lots:	See accompanying table
Hydrologic basin:	Bethel-Danebo
Soil -- Mapped series:	Awbrig silty clay loam, Coburg silty clay loam
Hydrologic Source:	Precipitation

Dominant Wetland Vegetation	
TREES / SHRUBS	VINES / HERBS
	<i>Beckmannia syzigachne</i> American Sloughgrass
	<i>Navarretia sp.</i> Navarretia
	<i>Gnaphalium palustre</i> Lowland Cudweed
	<i>Rumex salicifolius</i> Willow Dock
	<i>Rumex crispus</i> Curly Dock
	<i>Rorippa curvipes</i> Blunt-Leaf Yellow-Cress
	<i>Juncus bufonius</i> Toad Rush
	<i>Downingia sp.</i> Downingia
	<i>Mentha pulegium</i> Penny-Royal
	<i>Madia sativa</i> Coast Tarweed

Comments: **Locally Significant Wetland**

OFFSITE - An emergent wetland that is hydrologically connected to the Greenhill Tributary. A portion of the wetland is being used as a wetland mitigation site. Located within the floodplain and zoned as Low Density Residential.

Adjacent upland species: *Festuca arundinacea*, *Daucus carota*

COWARDIN CODES:	R2AB = riverine lower perennial aquatic bed	R2UB = riverine lower perennial unconsolidated bottom	PUB = palustrine unconsolidated bottom
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	PAB = palustrine aquatic bed
HGM CODES:	DCP = Depressional Closed Permanent	RI = Riverine Impounding	DO = Depressional Outflow
	DCNP = Depressional Closed Nonpermanent	RFT = Riverine Flow Through	S = Slope FL = Flats

Wetland Characterization Sheet



Project Name: City of Eugene LWI

		Wetland Code:	BD-9
Date(s) of field work:	7/16/2003	Size (acres):	65.37
Data Sheet Numbers:	39, 40-44	Cowardin Class(es):	PEM, PEMf
Investigator(s):	JVS/PF	HGM Class(es):	S/F

Location --	Legal:	T17S R4W Section 29
	Other:	South of Royal Avenue, East of Amazon Creek, west of Terry St.
	Tax Lots:	See accompanying table
	Hydrologic basin:	Bethel-Danebo
Soil -- Mapped series:	Awbrig, Coburg, Holcomb silty clay loams, Dayton silt loam	
Hydrologic Source:	Precipitation	

Dominant Wetland Vegetation			
TREES / SHRUBS		VINES / HERBS	
		<i>Alopecurus pratensis</i>	Meadow Foxtail
		<i>Rumex crispus</i>	Curly Dock
		<i>Mentha pulegium</i>	Penny-Royal
		<i>Bidens cernua</i>	Nodding Beggar-Ticks
		<i>Rorippa curvipes</i>	Blunt-Leaf Yellow-Cress
		<i>Beckmannia syzigachne</i>	American Sloughgrass
		<i>Alopecurus geniculatus</i>	Water Foxtail
		<i>Phalaris arundinacea</i>	Reed Canary Grass
		<i>Epilobium densiflorum</i>	Dense-Flower Spike-Primrose
		<i>Juncus tenuis</i>	Slender Rush

Comments: **Locally Significant Wetland**

Large emergent wetland in an agricultural field planted with *Lolium perenne*. A portion of the wetland is emergent (30%) and a portion is emergent farmed (70%) wetland. The City's bike path is located along the western and southern portions of the wetland. Amazon Creek is located along the western and southern boundary of the wetland. Although there is no direct connection to Amazon Creek, the wetland likely receives overflow from the creek during the rainy season. Located within the floodplain and zoned as Agricultural. Portions of the wetland were located offsite, data was collected in onsite areas.

Adjacent upland species: *Cirsium vulgare*, *Crepis sitosa*, *Lolium perenne*, *Gnaphalium palustre*, *Lactuca serriola*, *Juncus bufonius*, *Daucus carota*

COWARDIN CODES:	R2AB = riverine lower perennial aquatic bed	R2UB = riverine lower perennial unconsolidated bottom	PUB = palustrine unconsolidated bottom
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	PAB = palustrine aquatic bed
HGM CODES:	DCP = Depressional Closed Permanent	RI = Riverine Impounding	DO = Depressional Outflow
	DCNP = Depressional Closed Nonpermanent	RFT = Riverine Flow Through	S = Slope FL = Flats

Wetland Characterization Sheet



Project Name: City of Eugene LWI

		Wetland Code:	BD-10
Date(s) of field work:	7/23/2003	Size (acres):	7.36
Data Sheet Numbers:	36, 37	Cowardin Class(es):	PEM
Investigator(s):	JVS/PF	HGM Class(es):	S/F

Location -- Legal:	T17S R4W Section 29
Other:	East and west of Glenhaven Road, South of Royal Avenue
Tax Lots:	See accompanying table
Hydrologic basin:	Bethel-Danebo
Soil -- Mapped series:	Coburg silty clay loam, Natroy silty clay loam
Hydrologic Source:	Precipitation

Dominant Wetland Vegetation			
TREES / SHRUBS		VINES / HERBS	
		<i>Alopecurus pratensis</i>	Meadow Foxtail
		<i>Phalaris arundinacea</i>	Reed Canary Grass
		<i>Carex densa</i>	Dense Sedge
		<i>Carex unilateralis</i>	One-Side Sedge
		<i>Rumex salicifolius</i>	Willow Dock
		<i>Mentha pulegium</i>	Penny-Royal
		<i>Polygonum lapathifolium</i>	Willow-Weed

Comments: **Locally Significant Wetland**
 Emergent wetland located on east and west sides of Glenhaven Road and connected by a culvert. There is an intermittent drainage in the wetland. The western portion of the wetland is adjacent to an agricultural field. The eastern portion is along Glenhaven Road in an open, undeveloped field. The wetland is hydrologically connected to BD-14 and located within the floodplain. It is zoned as Agricultural.
 Adjacent upland species: *Acer macrophyllum*, *Festuca arundinacea*, *Cirsium arvense*, *Lactuca serrilola*, *Galium aparine*, *Hypochaeris radicata*, *Bromus sp.*, *Convolvulus arvensis*

COWARDIN CODES:	R2AB = riverine lower perennial aquatic bed	R2UB = riverine lower perennial unconsolidated bottom	PUB = palustrine unconsolidated bottom
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	PAB = palustrine aquatic bed
HGM CODES:	DCP = Depressional Closed Permanent	RI = Riverine Impounding	DO = Depressional Outflow
	DCNP = Depressional Closed Nonpermanent	RFT = Riverine Flow Through	S = Slope FL = Flats

Wetland Characterization Sheet



Project Name: City of Eugene LWI

		Wetland Code:	BD-11
Date(s) of field work:	7/23/2003	Size (acres):	0.57
Data Sheet Numbers:	OFFSITE	Cowardin Class(es):	PEM
Investigator(s):	JVS/PF	HGM Class(es):	S/F

Location -- Legal:	T17S R4W Section 20
Other:	South of Royal Avenue, West of Glenhaven Road
Tax Lots:	See accompanying table
Hydrologic basin:	Bethel-Danebo
Soil -- Mapped series:	Awbrig silty clay loam
Hydrologic Source:	Precipitation

Dominant Wetland Vegetation			
TREES / SHRUBS		VINES / HERBS	
<i>Crataegus douglasii</i>	Douglas' Hawthorn	<i>Camassia quamash</i>	Common Camas
		<i>Mentha pulegium</i>	Penny-Royal
		<i>Holcus lanatus</i>	Common Velvet Grass
		<i>Dipsacus sylvestris</i>	Teasel

Comments: **Locally Significant Wetland**
 OFFSITE - Isolated emergent wetland currently used as a horse pasture. It is located outside of the floodplain and zoned as Agricultural.

Adjacent upland species: *Rubus discolor*, *Daucus carota*, *Rosa eglanteria*

COWARDIN CODES:	R2AB = riverine lower perennial aquatic bed	R2UB = riverine lower perennial unconsolidated bottom	PUB = palustrine unconsolidated bottom
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	PAB = palustrine aquatic bed
HGM CODES:	DCP = Depressional Closed Permanent	RI = Riverine Impounding	DO = Depressional Outflow
	DCNP = Depressional Closed Nonpermanent	RFT = Riverine Flow Through	S = Slope FL = Flats

Wetland Characterization Sheet



Project Name: City of Eugene LWI

		Wetland Code:	BD-12
Date(s) of field work:	7/31/2003	Size (acres):	4.47
Data Sheet Numbers:	OFFSITE	Cowardin Class(es):	PAB, PSS
Investigator(s):	JVS/CR	HGM Class(es):	DCP

Location -- Legal:	T17S R4W Section 16
Other:	N. of Cody Avenue, between Golden Gardens and DeVos Streets
Tax Lots:	See accompanying table
Hydrologic basin:	Bethel-Danebo
Soil -- Mapped series:	Water
Hydrologic Source:	Groundwater

Dominant Wetland Vegetation			
TREES / SHRUBS		VINES / HERBS	
<i>Alnus rubra</i>	Red Alder		
<i>Salix spp.</i>	Willows		
<i>Populus trichocarpa</i>	Black cottonwood		

Comments:
 OFFSITE - Open water pond (palustrine aquatic bed, 95%) with steep sides that maintain a narrow scrub shrub wetland fringe (5%). The pond also includes an island in the middle. There are two culverts located in the northeastern portion of the pond and their hydrologic connection is unknown. Located outside of the floodplain in an area zoned as Low Density Residential.
 Adjacent upland species: *Alnus rubra*, *Populus trichocarpa*, *Cirsium arvense*, *Daucus carota*

COWARDIN CODES:	R2AB = riverine lower perennial aquatic bed	R2UB = riverine lower perennial unconsolidated bottom	PUB = palustrine unconsolidated bottom
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	PAB = palustrine aquatic bed
HGM CODES:	DCP = Depressional Closed Permanent	RI = Riverine Impounding	DO = Depressional Outflow
	DCNP = Depressional Closed Nonpermanent	RFT = Riverine Flow Through	S = Slope FL = Flats

Wetland Characterization Sheet



Project Name: City of Eugene LWI

		Wetland Code:	BD-13
Date(s) of field work:	8/8/2003	Size (acres):	2.66
Data Sheet Numbers:	OFFSITE	Cowardin Class(es):	PSS, PEM
Investigator(s):	JVS/PF	HGM Class(es):	S/F

Location -- Legal:	T17S R4W Section 21
Other:	E. of Shasta Middle School, W. of Beltline, S. of Barger Ave.
Tax Lots:	See accompanying table
Hydrologic basin:	Bethel-Danebo
Soil -- Mapped series:	Bashaw clay
Hydrologic Source:	Precipitation

Dominant Wetland Vegetation			
TREES / SHRUBS		VINES / HERBS	
<i>Salix spp.</i>	Willow	<i>Phalaris arundinacea</i>	Reed Canary Grass
<i>Populus trichocarpa</i>	Black Cottonwood	<i>Typha latifolia</i>	Common Cattail

Comments: **Locally Significant Wetland**
 OFFSITE - Wetland consists of scrub-shrub (60%) and emergent (40%) communities. It is located east of Shasta Middle School on either side of a bike path, west of Beltline. The wetland is separated by the bike path but connected via a culvert on the north end. It is dominated by reed canarygrass. The wetland is located outside of the floodplain and zoned as Public Land.
 Adjacent upland species: *Crataegus monogyna*, *Rubus discolor*

COWARDIN CODES:	R2AB = riverine lower perennial aquatic bed	R2UB = riverine lower perennial unconsolidated bottom	PUB = palustrine unconsolidated bottom
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	PAB = palustrine aquatic bed
HGM CODES:	DCP = Depressional Closed Permanent	RI = Riverine Impounding	DO = Depressional Outflow
	DCNP = Depressional Closed Nonpermanent	RFT = Riverine Flow Through	S = Slope FL = Flats

Wetland Characterization Sheet



Project Name: City of Eugene LWI

		Wetland Code:	BD-14
Date(s) of field work:	8/8/2003	Size (acres):	1.57
Data Sheet Numbers:	OFFSITE	Cowardin Class(es):	PEM
Investigator(s):	JVS/CR	HGM Class(es):	S/F

Location -- Legal:	T17S R4W Section 16 & 21
Other:	Roadway cloverleaf, East of Prairie Rd., N. of Beltline Rd., S. of offramp.
Tax Lots:	See accompanying table
Hydrologic basin:	Bethel-Danebo
Soil -- Mapped series:	Awbrig silty clay loam
Hydrologic Source:	Groundwater

Dominant Wetland Vegetation			
TREES / SHRUBS		VINES / HERBS	
		<i>Phalaris arundinacea</i>	Reed Canary Grass
		<i>Juncus effusus</i>	Soft Rush
		<i>Lemna minor</i>	Lesser Duckweed

Comments:
 OFFSITE - Wetland is located in the cloverleaf east of Beltline Road, located east of Prairie Road, north of Beltline, and south of the offramp. It is a palustine emergent wetland with seasonal ponding. The wetland is hydrologically connected to a drainage (BD-1) that begins south of Beltline Road and flows through the middle of BD-14. It is located outside of the floodplain and is not zoned.

Adjacent upland species: *Madia glomerata*, *Lolium perenne*, *Lactuca serriola*, *Vicia sativa*, *Holcus lanatus*

COWARDIN CODES:	R2AB = riverine lower perennial aquatic bed	R2UB = riverine lower perennial unconsolidated bottom	PUB = palustrine unconsolidated bottom
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	PAB = palustrine aquatic bed
HGM CODES:	DCP = Depressional Closed Permanent	RI = Riverine Impounding	DO = Depressional Outflow
	DCNP = Depressional Closed Nonpermanent	RFT = Riverine Flow Through	S = Slope FL = Flats

Wetland Characterization Sheet



Project Name: City of Eugene LWI

		Wetland Code:	BD-15
Date(s) of field work:	8/8/2003	Size (acres):	0.63
Data Sheet Numbers:	OFFSITE	Cowardin Class(es):	PEM
Investigator(s):	JVS/CR	HGM Class(es):	DCNP

Location -- Legal:	T17S R4W Section 15
Other:	SW corner of the Highway 99 and Beltline Road intersection
Tax Lots:	See accompanying table
Hydrologic basin:	Bethel-Danebo
Soil -- Mapped series:	Awbrig silty clay loam
Hydrologic Source:	Groundwater

Dominant Wetland Vegetation			
TREES / SHRUBS		VINES / HERBS	
		<i>Mentha pulegium</i>	Penny-Royal
		<i>Gnaphalium palustre</i>	Lowland Cudweed
		<i>Eleocharis palustris</i>	Common Spikerush
		<i>Agrostis stolonifera</i>	Spreading Bentgrass

Comments: **Locally Significant Wetland**
 OFFSITE - Emergent wetland meadow with no outlet in the cloverleaf of Beltline Road and Highway 99. Signs of shallow ponding. Located within the floodplain. Adjacent land use is residential and industrial.

Adjacent upland species: *Festuca arundinacea*

COWARDIN CODES: R2AB = riverine lower perennial aquatic bed R2UB = riverine lower perennial unconsolidated bottom PUB = palustrine unconsolidated bottom

PFO = palustrine forested PSS = palustrine scrub-shrub PEM = palustrine emergent PAB = palustrine aquatic bed

HGM CODES: DCP = Depressional Closed Permanent RI = Riverine Impounding DO = Depressional Outflow

DCNP = Depressional Closed Nonpermanent RFT = Riverine Flow Through S = Slope FL = Flats

Wetland Characterization Sheet



Project Name: City of Eugene LWI

		Wetland Code:	BD-16
Date(s) of field work:	8/8/2003	Size (acres):	1.97
Data Sheet Numbers:	OFFSITE	Cowardin Class(es):	PEM
Investigator(s):	JVS/CR	HGM Class(es):	DCNP

Location -- Legal:	T17S R4W Section 15
Other:	SW corner of the Highway 99 and Beltline Road intersection
Tax Lots:	See accompanying table
Hydrologic basin:	Bethel-Danebo
Soil -- Mapped series:	Coburg-Urban land complex, Awbrig silty clay loam
Hydrologic Source:	Groundwater

Dominant Wetland Vegetation			
TREES / SHRUBS		VINES / HERBS	
		<i>Mentha pulegium</i>	Penny-Royal
		<i>Gnaphalium palustre</i>	Lowland Cudweed
		<i>Eleocharis palustris</i>	Common Spikerush
		<i>Agrostis stolonifera</i>	Spreading Bentgrass

Comments: **Locally Significant Wetland**
 OFFSITE - Emergent wetland meadow with no outlet in the cloverleaf of Beltline Road and Highway 99. Signs of shallow ponding. Located within the floodplain. Adjacent land use is industrial. Wetland contains *Montia howellii*, which is a state candidate plant species.

Adjacent upland species: *Festuca arundinacea*

COWARDIN CODES: R2AB = riverine lower perennial aquatic bed R2UB = riverine lower perennial unconsolidated bottom PUB = palustrine unconsolidated bottom

PFO = palustrine forested PSS = palustrine scrub-shrub PEM = palustrine emergent PAB = palustrine aquatic bed

HGM CODES: DCP = Depressional Closed Permanent RI = Riverine Impounding DO = Depressional Outflow

DCNP = Depressional Closed Nonpermanent RFT = Riverine Flow Through S = Slope FL = Flats

Wetland Characterization Sheet



Project Name: City of Eugene LWI

		Wetland Code:	BD-17
Date(s) of field work:	8/8/2003	Size (acres):	1.01
Data Sheet Numbers:	OFFSITE	Cowardin Class(es):	PEM
Investigator(s):	JVS/CR	HGM Class(es):	DCNP

Location -- Legal:	T17S R4W Section 15
Other:	NW corner of the Highway 99 and Beltline Road intersection
Tax Lots:	See accompanying table
Hydrologic basin:	Bethel-Danebo
Soil -- Mapped series:	Coburg-Urban land complex
Hydrologic Source:	Groundwater

Dominant Wetland Vegetation			
TREES / SHRUBS		VINES / HERBS	
		<i>Mentha pulegium</i>	Penny-Royal
		<i>Gnaphalium palustre</i>	Lowland Cudweed
		<i>Eleocharis palustris</i>	Common Spikerush
		<i>Agrostis stolonifera</i>	Spreading Bentgrass

Comments: **Locally Significant Wetland**
 OFFSITE - Emergent wetland meadow with no outlet in the cloverleaf of Beltline Road and Highway 99. Signs of shallow ponding. Located outside of the floodplain. Adjacent land use is industrial.

Adjacent upland species: *Festuca arundinacea*

COWARDIN CODES: R2AB = riverine lower perennial aquatic bed R2UB = riverine lower perennial unconsolidated bottom PUB = palustrine unconsolidated bottom

PFO = palustrine forested PSS = palustrine scrub-shrub PEM = palustrine emergent PAB = palustrine aquatic bed

HGM CODES: DCP = Depressional Closed Permanent RI = Riverine Impounding DO = Depressional Outflow

DCNP = Depressional Closed Nonpermanent RFT = Riverine Flow Through S = Slope FL = Flats

Wetland Characterization Sheet



Project Name: City of Eugene LWI

		Wetland Code:	BD-18
Date(s) of field work:	8/8/2003	Size (acres):	1.03
Data Sheet Numbers:	OFFSITE	Cowardin Class(es):	PEM
Investigator(s):	JVS/CR	HGM Class(es):	S/F

Location --	Legal: T17S, R4W, Section 28
	Other: E.of Danebo St., NW corner of Beltline Road and Roosevelt Blvd.
	Tax Lots: See accompanying table
	Hydrologic basin: Bethel-Danebo
Soil -- Mapped series:	Awbrig silty clay loam
Hydrologic Source:	Groundwater

Dominant Wetland Vegetation			
TREES / SHRUBS		VINES / HERBS	

Comments:
 OFFSITE - Difficult to see because of a lack of access. Palustrine emergent wetland located in an open field. It is located outside of the floodplain and south of residential development. Zoned Agricultural. The field was previously delineated (DSL WD#99-0261).

 Adjacent upland species: Unknown.

COWARDIN CODES: R2AB = riverine lower perennial aquatic bed R2UB = riverine lower perennial unconsolidated bottom PUB = palustrine unconsolidated bottom
 PFO = palustrine forested PSS = palustrine scrub-shrub PEM = palustrine emergent PAB = palustrine aquatic bed
HGM CODES: DCP = Depressional Closed Permanent RI = Riverine Impounding DO = Depressional Outflow
 DCNP = Depressional Closed Nonpermanent RFT = Riverine Flow Through S = Slope FL = Flats

Wetland Characterization Sheet



Project Name: City of Eugene LWI

		Wetland Code:	BD-19
Date(s) of field work:	10/10/2003	Size (acres):	3.70
Data Sheet Numbers:	OFFSITE	Cowardin Class(es):	PSS, PEM
Investigator(s):	JVS, CR	HGM Class(es):	RFT

Location -- Legal:	T17S R4W Sections 26, 27, 28
Other:	North of Roosevelt Road, W. of Highway 99 to Beltline Road
Tax Lots:	See accompanying table
Hydrologic basin:	Bethel-Danebo
Soil -- Mapped series:	Awbrig and Coburg silty clay loam and Urban land complex
Hydrologic Source:	Surface Flow

Dominant Wetland Vegetation			
TREES / SHRUBS		VINES / HERBS	
<i>Populus trichocarpa</i>	Black Cottonwood	<i>Phalaris arundinacea</i>	Reed Canary Grass
<i>Salix spp.</i>	Willows	<i>Juncus effusus</i>	Soft Rush
		<i>Veronica americana</i>	American Speedwell
		<i>Carex obnupta</i>	Slough Sedge

Comments:
 OFFSITE - Roosevelt Channel is a tributary of Amazon Creek located north of Roosevelt Boulevard. The channel begins west of Highway 99 and continues east to Beltline Road before it continues south into the West Eugene Wetlands Protection Area. The channel has a palustrine scrub/shrub (10%) component but is primarily emergent (90%) in nature. It is located outside of the floodplain and flows through an area zoned as Low Density Adjacent upland species: *Daucus carota*, *Festuca arundinacea*, *Hypochaeris radicata*

COWARDIN CODES:	R2AB = riverine lower perennial aquatic bed	R2UB = riverine lower perennial unconsolidated bottom	PUB = palustrine unconsolidated bottom
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	PAB = palustrine aquatic bed
HGM CODES:	DCP = Depressional Closed Permanent	RI = Riverine Impounding	DO = Depressional Outflow
	DCNP = Depressional Closed Nonpermanent	RFT = Riverine Flow Through	S = Slope FL = Flats

Wetland Characterization Sheet



Project Name: City of Eugene LWI

		Wetland Code:	BD-20
Date(s) of field work:	7/31/2003	Size (acres):	1.84
Data Sheet Numbers:	OFFSITE	Cowardin Class(es):	PAB, PEM
Investigator(s):	JVS/CR	HGM Class(es):	DCP

Location -- Legal:	T17S R4W Section 15
Other:	East of Empire Park, North of Barger Drive
Tax Lots:	See accompanying table
Hydrologic basin:	Bethel-Danebo
Soil -- Mapped series:	Awbrig silty clay loam, Water
Hydrologic Source:	Precipitation

Dominant Wetland Vegetation			
TREES / SHRUBS		VINES / HERBS	
<i>Salix spp.</i>	Willow	<i>Mentha pulegium</i>	Penny-Royal

Comments: **Locally Significant Wetland**
 OFFSITE - Isolated pond with steep side slopes and a narrow wetland fringe dominated by *Salix spp.* The wetland consists of a palustrine aquatic bed (90%) and emergent (10%) communities. The source of hydrology appears to be from a drainage that begins east of Highway 99 and flows west into the pond. Approximately 3 inches of seasonal water fluctuation was observed in the pond. It is surrounded by roads and zoned as Public Land. Adjacent upland species: *Rhus diversiloba*, *Quercus garryana*, *Rubus discolor*

COWARDIN CODES: R2AB = riverine lower perennial aquatic bed R2UB = riverine lower perennial unconsolidated bottom PUB = palustrine unconsolidated bottom
 PFO = palustrine forested PSS = palustrine scrub-shrub PEM = palustrine emergent PAB = palustrine aquatic bed
HGM CODES: DCP = Depressional Closed Permanent RI = Riverine Impounding DO = Depressional Outflow
 DCNP = Depressional Closed Nonpermanent RFT = Riverine Flow Through S = Slope FL = Flats

Wetland Characterization Sheet



Project Name: City of Eugene LWI

		Wetland Code:	BD-21
Date(s) of field work:	8/15/2003	Size (acres):	0.73
Data Sheet Numbers:	OFFSITE	Cowardin Class(es):	PEM
Investigator(s):	PF/CR	HGM Class(es):	S/F

Location -- Legal:	T17S R4W Section 22
Other:	East of Taney Street, North of Pattison Avenue
Tax Lots:	See accompanying table
Hydrologic basin:	Bethel-Danebo
Soil -- Mapped series:	Awbrig silty clay loam
Hydrologic Source:	Precipitation

Dominant Wetland Vegetation			
TREES / SHRUBS		VINES / HERBS	
		<i>Phalaris arundinacea</i>	Reed Canary Grass
		<i>Agrostis tenuis</i>	Colonial Bentgrass
		<i>Bidens cernua</i>	Nodding Beggar-Ticks
		<i>Alopecurus pratensis</i>	Meadow Foxtail
		<i>Rumex crispus</i>	Curly Dock

Comments: **Locally Significant Wetland**
 OFFSITE. Isolated palustrine emergent wetland, located within an open field of undeveloped lots in an area zoned as Low Density Residential.

Adjacent upland species: *Daucus carota*, *Festuca arundinacea*, *Sonchus arvensis*, *Trifolium pratensis*, *Hypochaeris radicata*

COWARDIN CODES:	R2AB = riverine lower perennial aquatic bed	R2UB = riverine lower perennial unconsolidated bottom	PUB = palustrine unconsolidated bottom
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	PAB = palustrine aquatic bed
HGM CODES:	DCP = Depressional Closed Permanent	RI = Riverine Impounding	DO = Depressional Outflow
	DCNP = Depressional Closed Nonpermanent	RFT = Riverine Flow Through	S = Slope FL = Flats

Wetland Characterization Sheet



Project Name: City of Eugene LWI

		Wetland Code:	BD-22
Date(s) of field work:	8/8/2003	Size (acres):	5.44
Data Sheet Numbers:	OFFSITE	Cowardin Class(es):	PFO, PAB
Investigator(s):	JVS/CR	HGM Class(es):	S/F

Location -- Legal:	T17S, R4W, Section 15
Other:	Between Highway 99 & the NW Expressway, S. of Maxwell Drive
Tax Lots:	See accompanying table
Hydrologic basin:	Bethel-Danebo
Soil -- Mapped series:	Water
Hydrologic Source:	Groundwater

Dominant Wetland Vegetation			
TREES / SHRUBS		VINES / HERBS	
<i>Populus trichocarpa</i>	Black Cottonwood		

Comments: **Locally Significant Wetland**
 OFFSITE - Open water system (80% palustrine aquatic bed) surrounded by a palustrine forested (20%) area dominated by *Populus trichocarpa*. There is woody debris in the open water area. The wetland is located between the Southern Pacific railroad tracks and an auto wrecking yard. It is located outside of the floodplain and zoned Heavy Industrial.
 Adjacent upland species: *Rubus discolor*, *Festuca arundinacea*

COWARDIN CODES:	R2AB = riverine lower perennial aquatic bed	R2UB = riverine lower perennial unconsolidated bottom	PUB = palustrine unconsolidated bottom
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	PAB = palustrine aquatic bed
HGM CODES:	DCP = Depressional Closed Permanent	RI = Riverine Impounding	DO = Depressional Outflow
	DCNP = Depressional Closed Nonpermanent	RFT = Riverine Flow Through	S = Slope FL = Flats

Wetland Characterization Sheet



Project Name: City of Eugene LWI

		Wetland Code:	BD-23
Date(s) of field work:	Off-site	Size (acres):	1.23
Data Sheet Numbers:	None	Cowardin Class(es):	PEM
Investigator(s):	SE/ME	HGM Class(es):	S/F

Location -- Legal:	T17S R4W Section 21
Other:	Candlelight Park
Tax Lots:	See accompanying table
Hydrologic basin:	Bethel-Danebo
Soil -- Mapped series:	Awbrig silty clay loam
Hydrologic Source:	Precipitation

Dominant Wetland Vegetation			
TREES / SHRUBS		VINES / HERBS	
		<i>Alopecurus pratensis</i>	Meadow Foxtail
		<i>Festuca arundinacea</i>	Tall Fescue
		<i>Agrostis sp.</i>	Bentgrass

Comments:
 The wetland is an emergent system within Candlelight Park, north of Royal Avenue. All but the northernmost extent of the wetland was delineated in November 2000 (DSL WD# 01-0053). Since the delineation a new street has been constructed through the easternmost extent of the wetland. The park is public open space but the dominant zoning around the park is residential. Located outside of the 100-year floodplain.
 Adjacent upland species: *Festuca arundinacea*, *Hypochaeris radicata*, *Geranium sp.*, *Agrostis sp.*, Ornamental roses

COWARDIN CODES: R2AB = riverine lower perennial aquatic bed R2UB = riverine lower perennial unconsolidated bottom PUB = palustrine unconsolidated bottom

PFO = palustrine forested PSS = palustrine scrub-shrub PEM = palustrine emergent PAB = palustrine aquatic bed

HGM CODES: DCP = Depressional Closed Permanent RI = Riverine Impounding DO = Depressional Outflow

DCNP = Depressional Closed Nonpermanent RFT = Riverine Flow Through S = Slope FL = Flats

Wetland Characterization Sheet



Project Name: City of Eugene LWI

		Wetland Code:	LAU-1
Date(s) of field work:	10/8/2003	Size (acres):	0.62
Data Sheet Numbers:	OFFSITE	Cowardin Class(es):	PFO, PEM
Investigator(s):	SE/ME	HGM Class(es):	S/F

Location -- Legal:	T18S, R3W, Section 4
Other:	South of Laurel Hill Road
Tax Lots:	See accompanying table
Hydrologic basin:	Laurel Hill
Soil -- Mapped series:	Pengra silt loam
Hydrologic Source:	Groundwater

Dominant Wetland Vegetation			
TREES / SHRUBS		VINES / HERBS	
<i>Fraxinus latifolia</i>	Oregon Ash	<i>Holcus lanatus</i>	Common Velvet Grass
<i>Salix sp.</i>	Willow	<i>Phalaris arundinacea</i>	Reed Canary Grass

Comments:
 OFFSITE - A forested (80%) and emergent (20%) wetland located behind residential houses and a connection to the adjacent drainage was unknown. The western portion of the wetland was previously delineated (WD#99-0484). It is not located within the floodplain. Zoned as Low Density Residential and Neighborhood Commercial.

Adjacent upland species: *Crataegus monogyna*, *Rubus discolor*, *Cirsium vulgare*, *Festuca arundinacea*

COWARDIN CODES:	R2AB = riverine lower perennial aquatic bed	R2UB = riverine lower perennial unconsolidated bottom	PUB = palustrine unconsolidated bottom
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	PAB = palustrine aquatic bed
HGM CODES:	DCP = Depressional Closed Permanent	RI = Riverine Impounding	DO = Depressional Outflow
	DCNP = Depressional Closed Nonpermanent	RFT = Riverine Flow Through	S = Slope FL = Flats

Wetland Characterization Sheet



Project Name: City of Eugene LWI

		Wetland Code:	RSC-1
Date(s) of field work:	9/26/2003	Size (acres):	111.42
Data Sheet Numbers:	OFFSITE	Cowardin Class(es):	PEMf
Investigator(s):	CR	HGM Class(es):	S/F

Location -- Legal:	T16S R4W Section 32
Other:	Between Highway 99 and Brown Street, North of Awbrey Lane
Tax Lots:	See accompanying table
Hydrologic basin:	River Road / Santa Clara
Soil -- Mapped series:	Awbrig silty clay loam, Coburg silty clay loam
Hydrologic Source:	Groundwater

Dominant Wetland Vegetation			
TREES / SHRUBS		VINES / HERBS	
		<i>Dipsacus sylvestris</i>	Teasel
		<i>Agrostis tenuis</i>	Colonial Bentgrass

Comments: **Locally Significant Wetland**
 OFFSITE - Large agricultural field used for hay production. The field is a mosaic of upland and emergent wetland areas as identified from aerial photography. The field has a likely connection to drainage (RSC-2) located to the southwest. The southern portion of the wetland is located within the floodplain. Zoned as Heavy Industrial.

Adjacent upland species: *Lactuca serriola*, *Daucus carota*, *Festuca arundinacea*

COWARDIN CODES:	R2AB = riverine lower perennial aquatic bed	R2UB = riverine lower perennial unconsolidated bottom	PUB = palustrine unconsolidated bottom
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	PAB = palustrine aquatic bed
HGM CODES:	DCP = Depressional Closed Permanent	RI = Riverine Impounding	DO = Depressional Outflow
	DCNP = Depressional Closed Nonpermanent	RFT = Riverine Flow Through	S = Slope FL = Flats

Wetland Characterization Sheet



Project Name: City of Eugene LWI

		Wetland Code:	RSC-2
Date(s) of field work:	9/26/2003	Size (acres):	11.37
Data Sheet Numbers:	OFFSITE	Cowardin Class(es):	PEM
Investigator(s):	CR	HGM Class(es):	RFT

Location -- Legal:	T16S R4W Section 32, T17S R4W Sections 4, 9, 10 ,11
Other:	East of Highway 99 to East of the Northwest Expressway
Tax Lots:	See accompanying table
Hydrologic basin:	River Road / Santa Clara
Soil -- Mapped series:	Awbrig silty clay loam, Bashaw clay, Malabon silty clay loam
Hydrologic Source:	Surface Flow

Dominant Wetland Vegetation			
TREES / SHRUBS		VINES / HERBS	
		<i>Phalaris arundinacea</i>	Reed Canary Grass
		<i>Agrostis tenuis</i>	Colonial Bentgrass

Comments: **Locally Significant Wetland**
 OFFSITE - Drainage is a riverine system that flows from east of the Northwest Expressway to west of Highway 99, outside of the Urban Growth Boundary (UGB). The drainage flows northwest of the UGB for several miles until flowing into Flat Creek. The drainage appears to have been channelized and is predominantly a palustrine emergent (100%) community. It is located within the floodplain and is hydrologically connected to wetlands, RSC-4, RSC-25 and RSC-30 and several other drainages which flow into RSC-2.
 Adjacent upland species: *Rubus discolor*, *Daucus carota*, *Festuca arundinacea*, *Cirsium arvense*

COWARDIN CODES:	R2AB = riverine lower perennial aquatic bed	R2UB = riverine lower perennial unconsolidated bottom	PUB = palustrine unconsolidated bottom
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	PAB = palustrine aquatic bed
HGM CODES:	DCP = Depressional Closed Permanent	RI = Riverine Impounding	DO = Depressional Outflow
	DCNP = Depressional Closed Nonpermanent	RFT = Riverine Flow Through	S = Slope FL= Flats

Wetland Characterization Sheet



Project Name: City of Eugene LWI

		Wetland Code:	RSC-3
Date(s) of field work:	8/15/2003	Size (acres):	1.08
Data Sheet Numbers:	OFFSITE	Cowardin Class(es):	PEMf
Investigator(s):	PF/CR	HGM Class(es):	S/F

Location -- Legal:	T17S R4W Section 05
Other:	East of Highway 99, South of Awbrey Lane
Tax Lots:	See accompanying table
Hydrologic basin:	River Road / Santa Clara
Soil -- Mapped series:	Awbrig silty clay loam, Coburg silty clay loam
Hydrologic Source:	Precipitation

Dominant Wetland Vegetation	
TREES / SHRUBS	VINES / HERBS
	<i>Bidens cernua</i> Nodding Beggar-Ticks
	<i>Agrostis tenuis</i> Colonial Bentgrass
	<i>Rumex crispus</i> Curly Dock
	<i>Alopecurus pratensis</i> Meadow Foxtail

Comments:
OFFSITE. Isolated palustrine emergent wetland located within an open field. A channelized drainageway is located to the west of the wetland. Although the wetland appears to have no surface water connection to the drainage channel, it is located within the floodplain. The site is zoned Heavy Industrial.

Adjacent upland species: *Pseudotsuga menziesii*, *Festuca arundinacea*, *Dipsacus sylvestris*, *Hypochaeris radicata*, *Trifolium pratense*, *Daucus carota*, *Rumex acetosella*, *Rubus discolor*, *Cirsium arvense*

COWARDIN CODES: R2AB = riverine lower perennial aquatic bed R2UB = riverine lower perennial unconsolidated bottom PUB = palustrine unconsolidated bottom

PFO = palustrine forested PSS = palustrine scrub-shrub PEM = palustrine emergent PAB = palustrine aquatic bed

HGM CODES: DCP = Depressional Closed Permanent RI = Riverine Impounding DO = Depressional Outflow

DCNP = Depressional Closed Nonpermanent RFT = Riverine Flow Through S = Slope FL = Flats

Wetland Characterization Sheet



Project Name: City of Eugene LWI

		Wetland Code:	RSC-4
Date(s) of field work:	7/16/2003 & 1/26/04	Size (acres):	5.28
Data Sheet Numbers:	5, 6	Cowardin Class(es):	PEMf
Investigator(s):	CR, PF, ME	HGM Class(es):	S/F

Location -- Legal:	T17S R4W Section 4
Other:	E.of Highway 99, S.of Awbrey Lane, S.of the drainage
Tax Lots:	See accompanying table
Hydrologic basin:	River Road / Santa Clara
Soil -- Mapped series:	Awbrig silty clay loam, Coburg silty clay loam
Hydrologic Source:	Groundwater

Dominant Wetland Vegetation			
TREES / SHRUBS		VINES / HERBS	
		<i>Alopecurus geniculatus</i>	Water Foxtail
		<i>Downingia elegans</i>	Common Downingia
		<i>Gnaphalium palustre</i>	Lowland Cudweed
		<i>Rorippa curvisiliqua</i>	Western Yellow-Cress

Comments:
 PARTIAL OFFSITE. The south end of the wetland was onsite. The wetland is an agricultural field that is mowed and contains palustrine emergent wetland areas and drainage ditches. Depressional areas with evidence of ponding were identified as wetland. These ponded areas were identified by a combination of offsite field observations and aerial photography. A shallow drainage ditch flows through the wetland and empties into RSC-2, located along the northern and eastern boundary. The northeastern corner of the site is located within the floodplain. Portions previously delineated (WD# 00-0300). Zoned Light-Medium Industrial.
 Adjacent upland species: *Lolium perenne*, *Avena sativa*, *Aira caryophyllaea*, *Festuca arundinacea*

COWARDIN CODES:	R2AB = riverine lower perennial aquatic bed	R2UB = riverine lower perennial unconsolidated bottom	PUB = palustrine unconsolidated bottom
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	PAB = palustrine aquatic bed
HGM CODES:	DCP = Depressional Closed Permanent	RI = Riverine Impounding	DO = Depressional Outflow
	DCNP = Depressional Closed Nonpermanent	RFT = Riverine Flow Through	S = Slope FL = Flats

Wetland Characterization Sheet



Project Name: City of Eugene LWI

		Wetland Code:	RSC-5
Date(s) of field work:	7/10/2003	Size (acres):	10.44
Data Sheet Numbers:	13-17	Cowardin Class(es):	PEM
Investigator(s):	PF/ME	HGM Class(es):	S/F, RFT

Location -- Legal:	T17S R4W Section 05
Other:	N. of Airport Road, E. and W. sides of West Enid Road
Tax Lots:	See accompanying table
Hydrologic basin:	River Road / Santa Clara
Soil -- Mapped series:	Malabon-Urban land complex
Hydrologic Source:	Precipitation

Dominant Wetland Vegetation			
TREES / SHRUBS		VINES / HERBS	
		<i>Alopecurus pratensis</i>	Meadow Foxtail
		<i>Bidens frondosa</i>	Devil's Beggar-Ticks
		<i>Mentha pulegium</i>	Penny-Royal
		<i>Alisma plantago-aquatica</i>	Broad-Leaf Water-Plantain
		<i>Carex unilateralis</i>	One-Side Sedge
		<i>Phalaris arundinacea</i>	Reed Canary Grass
		<i>Eleocharis palustris</i>	Common Spikerush
		<i>Carex feta</i>	Green-Sheath Sedge
		<i>Veronica scutellata</i>	Marsh Speedwell

Comments: **Locally Significant Wetland**
 A large open meadow with a palustrine emergent wetland. There is a drainage ditch in the center of the wetland that flows offsite to the northwest. The wetland continues on the east side of West Enid Road and is connected by a culvert. It is located outside of the floodplain and zoned Light Medium Industrial.

Adjacent upland species: *Rubus ursinus*, *Rubus discolor*, *Festuca arundinacea*, *Alopecurus pratensis*, *Cirsium arvense*, *Heracleum lanatum*

COWARDIN CODES:	R2AB = riverine lower perennial aquatic bed	R2UB = riverine lower perennial unconsolidated bottom	PUB = palustrine unconsolidated bottom
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	PAB = palustrine aquatic bed
HGM CODES:	DCP = Depressional Closed Permanent	RI = Riverine Impounding	DO = Depressional Outflow
	DCNP = Depressional Closed Nonpermanent	RFT = Riverine Flow Through	S = Slope FL = Flats

Wetland Characterization Sheet



Project Name: City of Eugene LWI

		Wetland Code:	RSC-6
Date(s) of field work:	6/17/2003	Size (acres):	2.57
Data Sheet Numbers:	25, 26	Cowardin Class(es):	PEM
Investigator(s):	PF/CR	HGM Class(es):	S/F

Location -- Legal:	T17S R4W Section 5
Other:	North of Airport Road, West of West Enid Road
Tax Lots:	See accompanying table
Hydrologic basin:	River Road / Santa Clara
Soil -- Mapped series:	Malabon-Urban Land Complex
Hydrologic Source:	Precipitation

Dominant Wetland Vegetation			
TREES / SHRUBS		VINES / HERBS	
		<i>Carex feta</i>	Green-Sheath Sedge
		<i>Alopecurus geniculatus</i>	Water Foxtail
		<i>Carex unilateralis</i>	One-Side Sedge
		<i>Rumex salicifolius</i>	Willow Dock

Comments: **Locally Significant Wetland**
 Mowed field, contiguous with swale on adjacent property to the east, fill and crossing in mid-section, drains to the west through the adjacent property. Wetland is a palustrine emergent system located outside of the floodplain. Zoned as Light-Medium Industrial.

Adjacent upland species: *Festuca arundinacea*, *Alopecurus pratensis*, *Anthoxanthum odoratum*

COWARDIN CODES:	R2AB = riverine lower perennial aquatic bed	R2UB = riverine lower perennial unconsolidated bottom	PUB = palustrine unconsolidated bottom
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	PAB = palustrine aquatic bed
HGM CODES:	DCP = Depressional Closed Permanent	RI = Riverine Impounding	DO = Depressional Outflow
	DCNP = Depressional Closed Nonpermanent	RFT = Riverine Flow Through	S = Slope FL = Flats

Wetland Characterization Sheet



Project Name: City of Eugene LWI

		Wetland Code:	RSC-7
Date(s) of field work:	6/25/2003	Size (acres):	1.90
Data Sheet Numbers:	27, 28	Cowardin Class(es):	PSS, PFO, PEM
Investigator(s):	PF/CR	HGM Class(es):	S/F, RFT

Location -- Legal:	T17S R4W Section 08
Other:	South of Airport Road, SW corner of the UGB
Tax Lots:	See accompanying table
Hydrologic basin:	River Road / Santa Clara
Soil -- Mapped series:	Bashaw clay
Hydrologic Source:	Groundwater

Dominant Wetland Vegetation			
TREES / SHRUBS		VINES / HERBS	
<i>Fraxinus latifolia</i>	Oregon Ash	<i>Alopecurus pratensis</i>	Meadow Foxtail
<i>Salix sitchensis</i>	Sitka Willow	<i>Agrostis tenuis</i>	Colonial Bentgrass
<i>Spiraea douglasii</i>	Douglas' Spiraea	<i>Phalaris arundinacea</i>	Reed Canary Grass
		<i>Juncus effusus</i>	Soft Rush
		<i>Carex unilateralis</i>	One-Side Sedge
		<i>Holcus lanatus</i>	Common Velvet Grass
		<i>Carex densa</i>	Dense Sedge

Comments:
 Wetland consists of palustrine forested (20%), scrub-shrub (65%), and emergent (15%) communities. Fill and berm located along northeastern edge of wetland, includes a small drainage channel that drains off-site to the northwest. Located outside of the floodplain. Zoned as Light-Medium Industrial.

Adjacent upland species: *Agropyron repens*, *Daucus carota*, *Geranium robertianum*, *Bromus mollis*

COWARDIN CODES:	R2AB = riverine lower perennial aquatic bed	R2UB = riverine lower perennial unconsolidated bottom	PUB = palustrine unconsolidated bottom
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	PAB = palustrine aquatic bed
HGM CODES:	DCP = Depressional Closed Permanent	RI = Riverine Impounding	DO = Depressional Outflow
	DCNP = Depressional Closed Nonpermanent	RFT = Riverine Flow Through	S = Slope FL = Flats

Wetland Characterization Sheet



Project Name: City of Eugene LWI

		Wetland Code:	RSC-8
Date(s) of field work:	6/25/2003	Size (acres):	0.90
Data Sheet Numbers:	1, 2	Cowardin Class(es):	PEM
Investigator(s):	PF/CR	HGM Class(es):	S/F

Location -- Legal:	T17S R4W Section 4
Other:	East of Highway 99, South of Awbrey Lane
Tax Lots:	See accompanying table
Hydrologic basin:	River Road / Santa Clara
Soil -- Mapped series:	Awbrig silty clay loam
Hydrologic Source:	Precipitation

Dominant Wetland Vegetation			
TREES / SHRUBS		VINES / HERBS	
		<i>Carex unilateralis</i>	One-Side Sedge
		<i>Eryngium petiolatum</i>	Oregon Coyote-Thistle
		<i>Mentha pulegium</i>	Penny-Royal
		<i>Grindelia integrifolia</i>	Puget Sound Gumweed
		<i>Rorippa curvisiliqua</i>	Western Yellow-Cress
		<i>Gnaphalium palustre</i>	Lowland Cudweed

Comments: **Locally Significant Wetland**
 Emergent wetland swale located in a pasture. The swale drains to southeast and extends off-site to the north. Located outside of the floodplain. Zoned Light-Medium Industrial and Special Heavy Industrial.
 Adjacent upland species: *Festuca arundinacea*, *Anthoxanthum odoratum*, *Juncus bufonius*, *Agrostis tenuis*

COWARDIN CODES:	R2AB = riverine lower perennial aquatic bed	R2UB = riverine lower perennial unconsolidated bottom	PUB = palustrine unconsolidated bottom
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	PAB = palustrine aquatic bed
HGM CODES:	DCP = Depressional Closed Permanent	RI = Riverine Impounding	DO = Depressional Outflow
	DCNP = Depressional Closed Nonpermanent	RFT = Riverine Flow Through	S = Slope FL = Flats

Wetland Characterization Sheet



Project Name: City of Eugene LWI

		Wetland Code:	RSC-9
Date(s) of field work:	6/25/2003	Size (acres):	0.57
Data Sheet Numbers:	3, 4	Cowardin Class(es):	PEM
Investigator(s):	PF/CR	HGM Class(es):	S/F

Location --	Legal:	T17S R4W Section 04
	Other:	South of Awbrey Lane
	Tax Lots:	See accompanying table
	Hydrologic basin:	River Road / Santa Clara
Soil --	Mapped series:	Awbrig silty clay loam
	Hydrologic Source:	Precipitation

Dominant Wetland Vegetation			
TREES / SHRUBS		VINES / HERBS	
		<i>Mentha pulegium</i>	Penny-Royal
		<i>Downingia elegans</i>	Common Downingia
		<i>Matricaria matricarioides</i>	Pineapple-Weed
		<i>Alopecurus pratensis</i>	Meadow Foxtail
		<i>Agrostis tenuis</i>	Colonial Bentgrass
		<i>Lolium multiflorum</i>	Italian Ryegrass
		<i>Alopecurus geniculatus</i>	Water Foxtail
		<i>Rumex crispus</i>	Curly Dock

Comments: **Locally Significant Wetland**
 Emergent wetland swale in active horse pasture and agricultural field. Wetland drains to northeast but is not hydrologically connected to other wetlands. Located outside of the floodplain. Zoned Special Heavy Industrial.

Adjacent upland species: *Lolium perenne*, *Anthemis cotula*, *Matricaria matricarioides*, *Plantago lanceolata*, *Bellis perennis*

COWARDIN CODES:	R2AB = riverine lower perennial aquatic bed	R2UB = riverine lower perennial unconsolidated bottom	PUB = palustrine unconsolidated bottom
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	PAB = palustrine aquatic bed
HGM CODES:	DCP = Depressional Closed Permanent	RI = Riverine Impounding	DO = Depressional Outflow
	DCNP = Depressional Closed Nonpermanent	RFT = Riverine Flow Through	S = Slope FL = Flats

Wetland Characterization Sheet



Project Name: City of Eugene LWI

		Wetland Code:	RSC-10
Date(s) of field work:	10/10/2003	Size (acres):	5.39
Data Sheet Numbers:	OFFSITE	Cowardin Class(es):	PEMf
Investigator(s):	JVS, CSR	HGM Class(es):	S/F

Location -- Legal:	T17S R4W Section 4
Other:	South of Awbrey Lane, NW of Auction Way
Tax Lots:	See accompanying table
Hydrologic basin:	River Road / Santa Clara
Soil -- Mapped series:	Awbrig silty clay loam, Coburg silty clay loam
Hydrologic Source:	Groundwater

Dominant Wetland Vegetation			
TREES / SHRUBS		VINES / HERBS	

Comments: **Locally Significant Wetland**
 OFFSITE. Wetland areas located within a large agricultural field (emergent farmed wetland 100%), adjacent to but not directly connected to a drainage channel along the southern and western edges of the field, unable to view wetland vegetation from offsite viewing location. Located within the floodplain. Zoned as Special Heavy Industrial.
 Adjacent upland species: *Festuca arundinacea*, *Daucus carota*, *Lolium sp.*

COWARDIN CODES:	R2AB = riverine lower perennial aquatic bed	R2UB = riverine lower perennial unconsolidated bottom	PUB = palustrine unconsolidated bottom
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	PAB = palustrine aquatic bed
HGM CODES:	DCP = Depressional Closed Permanent	RI = Riverine Impounding	DO = Depressional Outflow
	DCNP = Depressional Closed Nonpermanent	RFT = Riverine Flow Through	S = Slope FL = Flats

Wetland Characterization Sheet



Project Name: City of Eugene LWI

		Wetland Code:	RSC-11
Date(s) of field work:	10/10/2003	Size (acres):	4.81
Data Sheet Numbers:	OFFSITE	Cowardin Class(es):	PEM
Investigator(s):	JVS, CSR, PF, ME	HGM Class(es):	S/F, RFT

Location --	Legal:	T17S R4W Section 4
	Other:	South of Awbrey Lane, East and west of Auction Way
	Tax Lots:	See accompanying table
	Hydrologic basin:	River Road / Santa Clara
Soil --	Mapped series:	Awbrig and Coburg silty clay loam, Bashaw clay
	Hydrologic Source:	Groundwater

Dominant Wetland Vegetation			
TREES / SHRUBS		VINES / HERBS	
		<i>Phalaris arundinacea</i>	Reed Canary Grass
		<i>Rumex crispus</i>	Curly Dock
		<i>Bidens frondosa</i>	Devil's Beggar-Ticks
		<i>Echinochloa crusgalli</i>	Large Barnyard Grass
		<i>Downingia elegans</i>	Common Downingia

Comments:
 OFFSITE - A series of drainages in agricultural fields with associated palustrine emergent wetlands. The channel furthest south and east begins east of Auction Way. The wetland is located within the floodplain. Zoned as Special Heavy Industrial.

Adjacent upland species: *Daucus carota*, *Rubus discolor*, *Hypochaeris radicata*, *Lolium perenne*

COWARDIN CODES:	R2AB = riverine lower perennial aquatic bed	R2UB = riverine lower perennial unconsolidated bottom	PUB = palustrine unconsolidated bottom
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	PAB = palustrine aquatic bed
HGM CODES:	DCP = Depressional Closed Permanent	RI = Riverine Impounding	DO = Depressional Outflow
	DCNP = Depressional Closed Nonpermanent	RFT = Riverine Flow Through	S = Slope FL = Flats

Wetland Characterization Sheet



Project Name: City of Eugene LWI

		Wetland Code:	RSC-12
Date(s) of field work:	10/10/2003	Size (acres):	6.10
Data Sheet Numbers:	OFFSITE	Cowardin Class(es):	PEM
Investigator(s):	ME/PF	HGM Class(es):	S/F

Location --	Legal:	T17S R4W Section 4
	Other:	North of Auction Way, West of Link Road
	Tax Lots:	See accompanying table
	Hydrologic basin:	River Road / Santa Clara
Soil --	Mapped series:	Coburg silty clay loam, Malabon silty clay loam
	Hydrologic Source:	Precipitation

Dominant Wetland Vegetation			
TREES / SHRUBS		VINES / HERBS	

Comments: **Locally Significant Wetland**
 OFFSITE - Wetland is used for a mitigation area (Corps #97-83703). Unable to see from offsite viewing area. It appears to be isolated and is located outside of the floodplain. Zoned as Light Medium Industrial.

Adjacent upland species: *Daucus carota*, *Rubus discolor*, *Hypochaeris radicata*, *Lolium perenne*

COWARDIN CODES:	R2AB = riverine lower perennial aquatic bed	R2UB = riverine lower perennial unconsolidated bottom	PUB = palustrine unconsolidated bottom
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	PAB = palustrine aquatic bed
HGM CODES:	DCP = Depressional Closed Permanent	RI = Riverine Impounding	DO = Depressional Outflow
	DCNP = Depressional Closed Nonpermanent	RFT = Riverine Flow Through	S = Slope FL = Flats

Wetland Characterization Sheet



Project Name: City of Eugene LWI

		Wetland Code:	RSC-13
Date(s) of field work:	7/16/2003	Size (acres):	0.58
Data Sheet Numbers:	7, 8	Cowardin Class(es):	PEMf
Investigator(s):	PF/CR	HGM Class(es):	DCNP

Location -- Legal:	T17S R4W Section 4
Other:	East of Highway 99, North of Enid Station Road
Tax Lots:	See accompanying table
Hydrologic basin:	River Road / Santa Clara
Soil -- Mapped series:	Awbrig silty clay loam
Hydrologic Source:	Precipitation

Dominant Wetland Vegetation			
TREES / SHRUBS		VINES / HERBS	
		<i>Plagiobothrys figuratus</i>	Fragrant Popcorn-Flower
		<i>Downingia elegans</i>	Common Downingia
		<i>Alopecurus geniculatus</i>	Water Foxtail
		<i>Polygonum aviculare</i>	Prostrate Knotweed
		<i>Rorippa curvisiliqua</i>	Western Yellow-Cress
		<i>Gnaphalium palustre</i>	Lowland Cudweed
		<i>Lolium multiflorum</i>	Italian Ryegrass

Comments:
 A palustrine emergent farmed wetland located in an agricultural field. The wetland is not directly connected to the drainage to the west and south, hydrology likely flows into the ditch during heavy rains. Outside of the floodplain. Zoned as Heavy Industrial.

Adjacent upland species: *Lolium perenne*, *Festuca arundinacea*, *Cirsium vulgare*, *Gnaphalium palustre*, *Juncus bufonius*, *Arrhenatherum elatius*

COWARDIN CODES: R2AB = riverine lower perennial aquatic bed R2UB = riverine lower perennial unconsolidated bottom PUB = palustrine unconsolidated bottom

PFO = palustrine forested PSS = palustrine scrub-shrub PEM = palustrine emergent PAB = palustrine aquatic bed

HGM CODES: DCP = Depressional Closed Permanent RI = Riverine Impounding DO = Depressional Outflow

DCNP = Depressional Closed Nonpermanent RFT = Riverine Flow Through S = Slope FL = Flats

Wetland Characterization Sheet



Project Name: City of Eugene LWI

		Wetland Code:	RSC-14
Date(s) of field work:	7/16/2003	Size (acres):	0.83
Data Sheet Numbers:	9, 10	Cowardin Class(es):	PEM, PEMf
Investigator(s):	PF/CR	HGM Class(es):	S/F

Location -- Legal:	T17S R4W Section 04
Other:	North of Enid Road, just west of Woodruff
Tax Lots:	See accompanying table
Hydrologic basin:	River Road / Santa Clara
Soil -- Mapped series:	Coburg silty clay loam
Hydrologic Source:	Precipitation

Dominant Wetland Vegetation			
TREES / SHRUBS		VINES / HERBS	
		<i>Polygonum lapathifolium</i>	Willow-Weed
		<i>Downingia elegans</i>	Common Downingia
		<i>Gnaphalium palustre</i>	Lowland Cudweed
		<i>Plagiobothrys figuratus</i>	Fragrant Popcorn-Flower
		<i>Alopecurus geniculatus</i>	Water Foxtail
		<i>Mentha pulegium</i>	Penny-Royal
		<i>Eryngium petiolatum</i>	Oregon Coyote-Thistle
		<i>Veronica scutellata</i>	Marsh Speedwell

Comments:
Wetland is in an agricultural field and connected to a drainage, which flows to RSC-2. Wetland consists of emergent (55%) and emergent farmed (45%) communities. Outside of floodplain. Zoned as Heavy Industrial.

Adjacent upland species: *Lolium perenne*, *Madia glomerata*, *Avena sativa*, *Festuca arundinacea*, *Hypochaeris radicata*, *Cirsium vulgare*, *Hordeum geniculatum*, *Torilis arvensis*

COWARDIN CODES:	R2AB = riverine lower perennial aquatic bed	R2UB = riverine lower perennial unconsolidated bottom	PUB = palustrine unconsolidated bottom
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	PAB = palustrine aquatic bed
HGM CODES:	DCP = Depressional Closed Permanent	RI = Riverine Impounding	DO = Depressional Outflow
	DCNP = Depressional Closed Nonpermanent	RFT = Riverine Flow Through	S = Slope FL = Flats

Wetland Characterization Sheet



Project Name: City of Eugene LWI

		Wetland Code:	RSC-15
Date(s) of field work:	7/16/2003	Size (acres):	1.04
Data Sheet Numbers:	11, 12	Cowardin Class(es):	PEMf, PEM
Investigator(s):	PF/CR	HGM Class(es):	S/F

Location -- Legal:	T17S R4W Section 04
Other:	Located north and south of West Enid Road
Tax Lots:	See accompanying table
Hydrologic basin:	River Road / Santa Clara
Soil -- Mapped series:	Coburg silty clay loam
Hydrologic Source:	Precipitation

Dominant Wetland Vegetation			
TREES / SHRUBS		VINES / HERBS	
		<i>Alopecurus geniculatus</i>	Water Foxtail
		<i>Holcus lanatus</i>	Common Velvet Grass
		<i>Agrostis tenuis</i>	Colonial Bentgrass
		<i>Phalaris arundinacea</i>	Reed Canary Grass
		<i>Glyceria occidentalis</i>	Northwestern Manna Grass
		<i>Downingia elegans</i>	Common Downingia
		<i>Rorippa curvisiliqua</i>	Western Yellow-Cress
		<i>Callitriche sp.</i>	Water Starwort

Comments: **Locally Significant Wetland**
 Wetland located in an agricultural field consisting of emergent (40%) and emergent farmed (60%) communities. Connected to a drainage that continues north and flows into RSC-2. The northern and southern portions appear to have been historically connected. It is located outside of floodplain. Zoned as Heavy Industrial.

Adjacent upland species: *Lolium perenne*, *Lolium multiflorum*, *Arrhenatherum elatius*, *Madia glomerata*

COWARDIN CODES:	R2AB = riverine lower perennial aquatic bed	R2UB = riverine lower perennial unconsolidated bottom	PUB = palustrine unconsolidated bottom
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	PAB = palustrine aquatic bed
HGM CODES:	DCP = Depressional Closed Permanent	RI = Riverine Impounding	DO = Depressional Outflow
	DCNP = Depressional Closed Nonpermanent	RFT = Riverine Flow Through	S = Slope FL = Flats

Wetland Characterization Sheet



Project Name: City of Eugene LWI

		Wetland Code:	RSC-16
Date(s) of field work:	7/10/2003	Size (acres):	0.84
Data Sheet Numbers:	OFFSITE	Cowardin Class(es):	PEM
Investigator(s):	ME/PF	HGM Class(es):	DCNP

Location --	Legal:	T17S R4W Section 4
	Other:	South of West Enid Road
	Tax Lots:	See accompanying table
	Hydrologic basin:	River Road / Santa Clara
Soil -- Mapped series:	Awbrig silty clay loam, Coburg silty clay loam	
Hydrologic Source:	Surface Flow	

Dominant Wetland Vegetation			
TREES / SHRUBS		VINES / HERBS	
		<i>Phalaris arundinacea</i>	Reed Canary Grass
		<i>Dipsacus sylvestris</i>	Teasel

Comments: **Locally Significant Wetland**
 OFFSITE - Palustrine emergent wetland dominated by reed canarygrass with a drainage in the eastern portion. Unable to access site, but from the road it appears to have been disturbed. It is outside of the floodplain and zoned as Heavy Industrial.

 Adjacent upland species: *Rubus discolor*, *Festuca arundinacea*

COWARDIN CODES:	R2AB = riverine lower perennial aquatic bed	R2UB = riverine lower perennial unconsolidated bottom	PUB = palustrine unconsolidated bottom
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	PAB = palustrine aquatic bed
HGM CODES:	DCP = Depressional Closed Permanent	RI = Riverine Impounding	DO = Depressional Outflow
	DCNP = Depressional Closed Nonpermanent	RFT = Riverine Flow Through	S = Slope FL = Flats

Wetland Characterization Sheet



Project Name: City of Eugene LWI

		Wetland Code:	RSC-17
Date(s) of field work:	6/17/2003	Size (acres):	15.32
Data Sheet Numbers:	OFFSITE	Cowardin Class(es):	PEMf
Investigator(s):	JVS, CSR	HGM Class(es):	S/F

Location -- Legal:	T17S R4W Section 4
Other:	Located north and south of West Enid Road, West of Prairie Road
Tax Lots:	See accompanying table
Hydrologic basin:	River Road / Santa Clara
Soil -- Mapped series:	Awbrig silty clay loam
Hydrologic Source:	Groundwater

Dominant Wetland Vegetation			
TREES / SHRUBS		VINES / HERBS	
		<i>Alopecurus pratensis</i>	Meadow Foxtail
		<i>Alopecurus geniculatus</i>	Water Foxtail
		<i>Ranunculus acris</i>	Tall Butter-Cup
		<i>Downingia elegans</i>	Common Downingia
		<i>Holcus lanatus</i>	Common Velvet Grass
		<i>Agrostis tenuis</i>	Colonial Bentgrass
		<i>Parentucellia viscosa</i>	Yellow Parentucellia

Comments: **Locally Significant Wetland**
 OFFSITE - A palustrine emergent farmed wetland located in agricultural fields north and south of West Enid Road. There is a drainage that flows through the western portion of the wetland. It is connected to the southern portion, south of the road, by a culvert. The southern portion of the wetland was previously delineated (DSL WD#02-0183). The western portion of the wetland is located within the floodplain. Zoned as Light-Medium
 Adjacent upland species: *Trifolium dubium*, *Hordeum jubatum*, *Parentucellia viscosa*, *Alopecurus pratensis*, *Hypochaeris radicata*, *Stellaria media*, *Festuca arundinacea*

COWARDIN CODES:	R2AB = riverine lower perennial aquatic bed	R2UB = riverine lower perennial unconsolidated bottom	PUB = palustrine unconsolidated bottom
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	PAB = palustrine aquatic bed
HGM CODES:	DCP = Depressional Closed Permanent	RI = Riverine Impounding	DO = Depressional Outflow
	DCNP = Depressional Closed Nonpermanent	RFT = Riverine Flow Through	S = Slope FL = Flats

Wetland Characterization Sheet



Project Name: City of Eugene LWI

		Wetland Code:	RSC-18
Date(s) of field work:	7/10/2003	Size (acres):	2.78
Data Sheet Numbers:	OFFSITE	Cowardin Class(es):	PEM
Investigator(s):	PF/ME	HGM Class(es):	RFT

Location -- Legal:	T17S R4W Section 09
Other:	North and South of Carol Avenue
Tax Lots:	See accompanying table
Hydrologic basin:	River Road / Santa Clara
Soil -- Mapped series:	Awbrig silty clay loam
Hydrologic Source:	Surface Flow

Dominant Wetland Vegetation			
TREES / SHRUBS		VINES / HERBS	
		<i>Alisma plantago-aquatica</i>	Broad-Leaf Water-Plantain
		<i>Mentha pulegium</i>	Penny-Royal
		<i>Eleocharis palustris</i>	Common Spikerush
		<i>Carex unilateralis</i>	One-Side Sedge
		<i>Alopecurus pratensis</i>	Meadow Foxtail

Comments: **Locally Significant Wetland**
 OFFSITE - Emergent wetland located on the north and south sides of Carol Avenue and connected by a culvert under the road. It includes a drainage ditch which flows north into RSC-2. The ditch has an adjacent palustrine emergent community. Located within the floodplain and zoned Light-Medium Industrial and Suburban Residential.
 Adjacent upland species: *Rubus discolor*, *Festuca arundinacea*, *Sonchus asper*

COWARDIN CODES:	R2AB = riverine lower perennial aquatic bed	R2UB = riverine lower perennial unconsolidated bottom	PUB = palustrine unconsolidated bottom
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	PAB = palustrine aquatic bed
HGM CODES:	DCP = Depressional Closed Permanent	RI = Riverine Impounding	DO = Depressional Outflow
	DCNP = Depressional Closed Nonpermanent	RFT = Riverine Flow Through	S = Slope FL = Flats

Wetland Characterization Sheet



Project Name: City of Eugene LWI

		Wetland Code:	RSC-19
Date(s) of field work:	10/17/2003	Size (acres):	5.96
Data Sheet Numbers:	OFFSITE	Cowardin Class(es):	PEM
Investigator(s):	JVS, CR	HGM Class(es):	S/F

Location -- Legal:	T17S R4W Section 10
Other:	West of Prairie Road, South of Irving Road
Tax Lots:	See accompanying table
Hydrologic basin:	River Road / Santa Clara
Soil -- Mapped series:	Awbrig-Urban land complex, Malabon-Urban land complex
Hydrologic Source:	Groundwater

Dominant Wetland Vegetation			
TREES / SHRUBS		VINES / HERBS	

Comments:
 OFFSITE - Unable to identify any wetland or upland vegetation from off-site viewing location. Emergent wetland surrounded by commercial/industrial properties.

Adjacent upland species:

- COWARDIN CODES:**
- R2AB = riverine lower perennial aquatic bed
 - R2UB = riverine lower perennial unconsolidated bottom
 - PUB = palustrine unconsolidated bottom
 - PFO = palustrine forested
 - PSS = palustrine scrub-shrub
 - PEM = palustrine emergent
 - PAB = palustrine aquatic bed
- HGM CODES:**
- DCP = Depressional Closed Permanent
 - RI = Riverine Impounding
 - DO = Depressional Outflow
 - DCNP = Depressional Closed Nonpermanent
 - RFT = Riverine Flow Through
 - S = Slope
 - FL = Flats

Wetland Characterization Sheet



Project Name: City of Eugene LWI

		Wetland Code:	RSC-20
Date(s) of field work:	8/8/2003	Size (acres):	1.86
Data Sheet Numbers:	OFFSITE	Cowardin Class(es):	PAB
Investigator(s):	JVS/CR	HGM Class(es):	DCNP

Location -- Legal:	T17S R4W Section 15
Other:	W of Highway 99, S of McDougal Road, N of Jessen Drive
Tax Lots:	See accompanying table
Hydrologic basin:	River Road / Santa Clara
Soil -- Mapped series:	Water
Hydrologic Source:	Groundwater

Dominant Wetland Vegetation			
TREES / SHRUBS		VINES / HERBS	
<i>Salix sp.</i>	Willow		
<i>Cornus stolonifera</i>	Red-Osier Dogwood		

Comments: **Locally Significant Wetland**
 OFFSITE - Wetland is an open water pond with relatively steep slopes and *Populus trichocarpa*, *Salix sp.*, and *Cornus stolonifera* along the edge. The pond is used by waterfowl. Located outside of the floodplain and zoned as Public Land.

Adjacent upland species: *Populus trichocarpa*

COWARDIN CODES: R2AB = riverine lower perennial aquatic bed R2UB = riverine lower perennial unconsolidated bottom PUB = palustrine unconsolidated bottom

PFO = palustrine forested PSS = palustrine scrub-shrub PEM = palustrine emergent PAB = palustrine aquatic bed

HGM CODES: DCP = Depressional Closed Permanent RI = Riverine Impounding DO = Depressional Outflow

DCNP = Depressional Closed Nonpermanent RFT = Riverine Flow Through S = Slope FL = Flats

Wetland Characterization Sheet



Project Name: City of Eugene LWI

		Wetland Code:	RSC-21
Date(s) of field work:	8/8/2003	Size (acres):	2.38
Data Sheet Numbers:	OFFSITE	Cowardin Class(es):	PFO, PAB, PEM
Investigator(s):	JVS/CR	HGM Class(es):	DCNP

Location -- Legal:	T17S R4W Section 15
Other:	W of Highway 99, S of McDougal Road, N of Jessen Drive
Tax Lots:	See accompanying table
Hydrologic basin:	River Road / Santa Clara
Soil -- Mapped series:	Water
Hydrologic Source:	Groundwater

Dominant Wetland Vegetation			
TREES / SHRUBS		VINES / HERBS	
<i>Salix sp.</i>	Willow		
<i>Cornus stolonifera</i>	Red-Osier Dogwood		
<i>Populus trichocarpa</i>	Black Cottonwood		

Comments: **Locally Significant Wetland**
 OFFSITE - Wetland is an open water pond (30%) with palustrine forested (50%) and emergent (20%) communities. The wetland is used by waterfowl. Unable to determine emergent plant species from offsite viewing area. Located outside of the floodplain and zoned as Public Land.

Adjacent upland species: *Populus trichocarpa*

COWARDIN CODES:	R2AB = riverine lower perennial aquatic bed	R2UB = riverine lower perennial unconsolidated bottom	PUB = palustrine unconsolidated bottom
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	PAB = palustrine aquatic bed
HGM CODES:	DCP = Depressional Closed Permanent	RI = Riverine Impounding	DO = Depressional Outflow
	DCNP = Depressional Closed Nonpermanent	RFT = Riverine Flow Through	S = Slope FL = Flats

Wetland Characterization Sheet



Project Name: City of Eugene LWI

		Wetland Code:	RSC-22
Date(s) of field work:	6/17/2003	Size (acres):	1.41
Data Sheet Numbers:	23, 24	Cowardin Class(es):	PFO
Investigator(s):	PF/CR	HGM Class(es):	S/F

Location -- Legal:	T17S R4W Section 3
Other:	South of Eddystone Place and North of Dorchester Lane
Tax Lots:	See accompanying table
Hydrologic basin:	River Road / Santa Clara
Soil -- Mapped series:	Coburg silty clay loam
Hydrologic Source:	Precipitation

Dominant Wetland Vegetation			
TREES / SHRUBS		VINES / HERBS	
<i>Fraxinus latifolia</i>	Oregon Ash	<i>Phalaris arundinacea</i>	Reed Canary Grass
<i>Cornus stolonifera</i>	Red-Osier Dogwood	<i>Carex obnupta</i>	Slough Sedge
		<i>Carex densa</i>	Dense Sedge
		<i>Solanum dulcamara</i>	Bittersweet Nightshade

Comments: **Locally Significant Wetland**
 Mosaic of approximately 20% upland and 80% palustrine forested wetland system surrounded by residential development. It continues west outside of the Urban Growth Boundary into an agricultural field. Located outside of the floodplain. Zoned as Low Density Residential.

Adjacent upland species: *Rubus ursinus*, *Poa trivialis*, *Crataegus douglasii*, *Rosa sp.*

COWARDIN CODES:	R2AB = riverine lower perennial aquatic bed	R2UB = riverine lower perennial unconsolidated bottom	PUB = palustrine unconsolidated bottom
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	PAB = palustrine aquatic bed
HGM CODES:	DCP = Depressional Closed Permanent	RI = Riverine Impounding	DO = Depressional Outflow
	DCNP = Depressional Closed Nonpermanent	RFT = Riverine Flow Through	S = Slope FL = Flats

Wetland Characterization Sheet



Project Name: City of Eugene LWI

		Wetland Code:	RSC-23
Date(s) of field work:	7/10/2003	Size (acres):	4.49
Data Sheet Numbers:	49, 50	Cowardin Class(es):	PFO, PSS, PEM
Investigator(s):	ME/PF	HGM Class(es):	S/F

Location -- Legal:	T17S R4W Sections 3, 10
Other:	South of Irvington Road, West of Arrowhead Street
Tax Lots:	See accompanying table
Hydrologic basin:	River Road / Santa Clara
Soil -- Mapped series:	Coburg silty clay loam
Hydrologic Source:	Surface Flow

Dominant Wetland Vegetation			
TREES / SHRUBS		VINES / HERBS	
<i>Fraxinus latifolia</i>	Oregon Ash	<i>Carex unilateralis</i>	One-Side Sedge
<i>Populus trichocarpa</i>	Black Cottonwood	<i>Solanum dulcamara</i>	Bittersweet Nightshade
		<i>Ludwigia palustris</i>	Marsh Seedbox
		<i>Typha latifolia</i>	Common Cattail
		<i>Carex obnupta</i>	Slough Sedge
		<i>Bidens frondosa</i>	Devil's Beggar-Ticks
		<i>Rumex salicifolius</i>	Willow Dock

Comments: **Locally Significant Wetland**
 Adjacent wetland to the Flat Creek system, which flows north through residential areas and outside of the Urban Growth Boundary. The wetland includes forested (70%), scrub-shrub (10%), and emergent (20%) communities. The creek has a small ponded area in the location of the data points. The central portion was previously delineated in 2000 (DSL WD#00-0599). Located inside the floodplain. Zoned as Low Density Residential.
 Adjacent upland species: *Prunus avium*, *Symphoricarpos albus*, *Festuca arundinacea*, *Lactuca serrilola*, *Taraxacum officinale*, *Hypochaeris radicata*

COWARDIN CODES:	R2AB = riverine lower perennial aquatic bed	R2UB = riverine lower perennial unconsolidated bottom	PUB = palustrine unconsolidated bottom
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	PAB = palustrine aquatic bed
HGM CODES:	DCP = Depressional Closed Permanent	RI = Riverine Impounding	DO = Depressional Outflow
	DCNP = Depressional Closed Nonpermanent	RFT = Riverine Flow Through	S = Slope FL = Flats

Wetland Characterization Sheet



Project Name: City of Eugene LWI

		Wetland Code:	RSC-24
Date(s) of field work:	6/17/2003	Size (acres):	0.67
Data Sheet Numbers:	OFFSITE	Cowardin Class(es):	PEM
Investigator(s):	PF/SE	HGM Class(es):	S/F

Location -- Legal:	T17S R4W Section 3
Other:	North of Irvington Drive, West and East of Brockton
Tax Lots:	See accompanying table
Hydrologic basin:	River Road / Santa Clara
Soil -- Mapped series:	Conser silty clay loam
Hydrologic Source:	Precipitation

Dominant Wetland Vegetation			
TREES / SHRUBS		VINES / HERBS	

Comments:
 OFFSITE - Wetland is an emergent system. It was previously delineated (DSL WD#00-0579). Located outside of the floodplain. Zoned as Low Density Residential.

Adjacent upland species: *Pseudotsuga menziesii*

COWARDIN CODES:	R2AB = riverine lower perennial aquatic bed	R2UB = riverine lower perennial unconsolidated bottom	PUB = palustrine unconsolidated bottom
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	PAB = palustrine aquatic bed
HGM CODES:	DCP = Depressional Closed Permanent	RI = Riverine Impounding	DO = Depressional Outflow
	DCNP = Depressional Closed Nonpermanent	RFT = Riverine Flow Through	S = Slope FL = Flats

Wetland Characterization Sheet



Project Name: City of Eugene LWI

		Wetland Code:	RSC-25
Date(s) of field work:	11/30/2003	Size (acres):	1.74
Data Sheet Numbers:	OFFSITE	Cowardin Class(es):	PSS, PEM
Investigator(s):	ME/SE	HGM Class(es):	S/F

Location -- Legal:	T17S R4W Section 10
Other:	North of Beltline Road and South of Irving Road, West of Midland
Tax Lots:	See accompanying table
Hydrologic basin:	River Road / Santa Clara
Soil -- Mapped series:	Malabon silty clay loam
Hydrologic Source:	Surface Flow

Dominant Wetland Vegetation			
TREES / SHRUBS		VINES / HERBS	
<i>Salix sp.</i>	Willow	<i>Phalaris arundinacea</i>	Reed Canary Grass
<i>Populus trichocarpa</i>	Black Cottonwood		

Comments: **Locally Significant Wetland**
 OFFSITE - Difficult to access wetland. Flat Creek includes adjacent palustrine scrub-shrub (10%) and emergent (90%) wetland communities. Southernmost portion of Flat Creek that flows north through residential areas. It is hydrologically connected to RSC-23 and flows into the south end of RSC-2. It has adjacent palustrine scrub-shrub and emergent communities. Located inside the floodplain. Zoned as Low Density Residential.
 Adjacent upland species: *Rubus discolor*

COWARDIN CODES:	R2AB = riverine lower perennial aquatic bed	R2UB = riverine lower perennial unconsolidated bottom	PUB = palustrine unconsolidated bottom
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	PAB = palustrine aquatic bed
HGM CODES:	DCP = Depressional Closed Permanent	RJ = Riverine Impounding	DO = Depressional Outflow
	DCNP = Depressional Closed Nonpermanent	RFT = Riverine Flow Through	S = Slope FL = Flats

Wetland Characterization Sheet



Project Name: City of Eugene LWI

		Wetland Code:	RSC-26
Date(s) of field work:	8/8/2003	Size (acres):	0.94
Data Sheet Numbers:	OFFSITE	Cowardin Class(es):	PSS, PEM
Investigator(s):	JVS/CR	HGM Class(es):	S/F

Location --	Legal:	T17S R4W Section 10
	Other:	Northeast corner of Beltline Road and NW Prairie Road
	Tax Lots:	See accompanying table
	Hydrologic basin:	River Road / Santa Clara
Soil -- Mapped series:	Awbrig silty clay loam, Salem gravelly silt loam	
Hydrologic Source:	Precipitation	

Dominant Wetland Vegetation			
TREES / SHRUBS		VINES / HERBS	
<i>Salix spp.</i>	Willow	<i>Typha latifolia</i>	Common Cattail
		<i>Phalaris arundinacea</i>	Reed Canary Grass

Comments: **Locally Significant Wetland**
 OFFSITE - Shallow wetland with palustrine scrub-shrub (60%) and emergent (40%) communities located north of the offramp from Beltline Road. Hydrologically connected to drainages located along the south and western edges of the wetland. Outside of the floodplain.

 Adjacent upland species: *Avena sativa*, *Rubus discolor*

COWARDIN CODES:	R2AB = riverine lower perennial aquatic bed	R2UB = riverine lower perennial unconsolidated bottom	PUB = palustrine unconsolidated bottom
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	PAB = palustrine aquatic bed
HGM CODES:	DCP = Depressional Closed Permanent	RI = Riverine Impounding	DO = Depressional Outflow
	DCNP = Depressional Closed Nonpermanent	RFT = Riverine Flow Through	S = Slope FL = Flats

Wetland Characterization Sheet



Project Name: City of Eugene LWI

		Wetland Code:	RSC-27
Date(s) of field work:	8/8/2003	Size (acres):	0.63
Data Sheet Numbers:	OFFSITE	Cowardin Class(es):	PAB, PEM
Investigator(s):	JVS/CR	HGM Class(es):	DCP

Location --	Legal:	T17S R4W Section 10
	Other:	Northeast corner of Beltline Road and NW Prairie Road
	Tax Lots:	See accompanying table
	Hydrologic basin:	River Road / Santa Clara
Soil -- Mapped series:	Awbrig silty clay loam, Salem-Urban land complex	
Hydrologic Source:	Precipitation	

Dominant Wetland Vegetation			
TREES / SHRUBS		VINES / HERBS	
		<i>Juncus effusus</i>	Soft Rush
		<i>Lemna minor</i>	Lesser Duckweed
		<i>Phalaris arundinacea</i>	Reed Canary Grass

Comments: **Locally Significant Wetland**
OFFSITE - Pond with associated palustrine emergent community located inside the ramp to Beltline Road. There are three culverts in the pond. Located outside of the floodplain.

Adjacent upland species: *Madia sativa*, *Lolium perenne*, *Lactuca serriola*, *Vicia sativa*, *Holcus lanatus*

COWARDIN CODES:	R2AB = riverine lower perennial aquatic bed	R2UB = riverine lower perennial unconsolidated bottom	PUB = palustrine unconsolidated bottom
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	PAB = palustrine aquatic bed
HGM CODES:	DCP = Depressional Closed Permanent	RI = Riverine Impounding	DO = Depressional Outflow
	DCNP = Depressional Closed Nonpermanent	RFT = Riverine Flow Through	S = Slope FL = Flats

Wetland Characterization Sheet



Project Name: City of Eugene LWI

		Wetland Code:	RSC-28
Date(s) of field work:	8/8/2003	Size (acres):	6.98
Data Sheet Numbers:	51, 52	Cowardin Class(es):	PFO, PEM
Investigator(s):	JVS/CR	HGM Class(es):	RFT, S/F

Location -- Legal:	T17S R4W Section 15
Other:	South of Skipper Avenue, North of Maxwell Road
Tax Lots:	See accompanying table
Hydrologic basin:	River Road / Santa Clara
Soil -- Mapped series:	Malabon silty clay loam, Malabon-Urban land complex
Hydrologic Source:	Surface Flow

Dominant Wetland Vegetation			
TREES / SHRUBS		VINES / HERBS	
<i>Fraxinus latifolia</i>	Oregon Ash	<i>Phalaris arundinacea</i>	Reed Canary Grass
<i>Populus trichocarpa</i>	Black Cottonwood	<i>Epilobium watsonii</i>	Watson's Willow-Herb
<i>Cornus stolonifera</i>	Red-Osier Dogwood	<i>Carex obnupta</i>	Slough Sedge
<i>Rosa pisocarpa</i>	Clustered Wild Rose	<i>Polygonum lapathifolium</i>	Willow-Weed
		<i>Verbena hastata</i>	Blue Verbena
		<i>Mentha pulegium</i>	Penny-Royal
		<i>Solanum dulcamara</i>	Bittersweet Nightshade

Comments: **Locally Significant Wetland**
 Palustrine forested (80%) and emergent (20%) wetland. It is dominated by Oregon ash and black cottonwood forested areas. Hydrologically connected to a drainage swale which extends through the western portion of the wetland, and continues off-site to the north. Located inside the floodplain. Zoned as Suburban and Medium Density Residential.
 Adjacent upland species: *Rubus discolor*, *Festuca arundinacea*, *Hypochaeris radicata*, *Taraxacum officinale*, *Lolium perenne*, *Agrostis tenuis*, *Bromus inermis*

COWARDIN CODES:	R2AB = riverine lower perennial aquatic bed	R2UB = riverine lower perennial unconsolidated bottom	PUB = palustrine unconsolidated bottom
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	PAB = palustrine aquatic bed
HGM CODES:	DCP = Depressional Closed Permanent	RI = Riverine Impounding	DO = Depressional Outflow
	DCNP = Depressional Closed Nonpermanent	RFT = Riverine Flow Through	S = Slope FL= Flats

Wetland Characterization Sheet



Project Name: City of Eugene LWI

		Wetland Code:	RSC-29
Date(s) of field work:	7/31/2003	Size (acres):	3.46
Data Sheet Numbers:	OFFSITE	Cowardin Class(es):	PFO, PAB
Investigator(s):	JVS/CR	HGM Class(es):	DCP

Location -- Legal:	T17S R4W Section 15
Other:	East of the NW Expressway, South of Maxwell Road
Tax Lots:	See accompanying table
Hydrologic basin:	River Road / Santa Clara
Soil -- Mapped series:	Pits
Hydrologic Source:	Groundwater

Dominant Wetland Vegetation			
TREES / SHRUBS		VINES / HERBS	
<i>Populus trichocarpa</i>	Black Cottonwood	<i>Phalaris arundinacea</i>	Reed Canary Grass
<i>Elaeagnus angustifolia</i>	Russian Olive		
<i>Salix scouleriana</i>	Scouler Willow		
<i>Salix lasiandra</i>	Pacific Willow		

Comments: **Locally Significant Wetland**
 OFFSITE - Hydrologically connected by a culvert to RSC-28, RSC-30 and RSC-33 by drainages. Wetland is predominantly forested (80%) but has an aquatic bed community (20%) as well. Located within the floodplain. Zoned as Low Density Residential.

Adjacent upland species: *Daucus carota*, *Agrostis tenuis*, *Plantago lanceolata*, *Festuca arundinacea*, *Cirsium arvense*, *Rubus discolor*

COWARDIN CODES: R2AB = riverine lower perennial aquatic bed R2UB = riverine lower perennial unconsolidated bottom PUB = palustrine unconsolidated bottom

PFO = palustrine forested PSS = palustrine scrub-shrub PEM = palustrine emergent PAB = palustrine aquatic bed

HGM CODES: DCP = Depressional Closed Permanent RI = Riverine Impounding DO = Depressional Outflow

DCNP = Depressional Closed Nonpermanent RFT = Riverine Flow Through S = Slope FL = Flats

Wetland Characterization Sheet



Project Name: City of Eugene LWI

		Wetland Code:	RSC-30
Date(s) of field work:	7/31/2003	Size (acres):	11.98
Data Sheet Numbers:	OFFSITE	Cowardin Class(es):	PFO, PAB, PEM
Investigator(s):	JVS/CR	HGM Class(es):	DCP

Location -- Legal:	T17S R4W Section 15
Other:	East of NW Expressway, West of Park Avenue
Tax Lots:	See accompanying table
Hydrologic basin:	River Road / Santa Clara
Soil -- Mapped series:	Water, Pits
Hydrologic Source:	Groundwater

Dominant Wetland Vegetation			
TREES / SHRUBS		VINES / HERBS	
<i>Populus trichocarpa</i>	Black Cottonwood	<i>Phalaris arundinacea</i>	Reed Canary Grass
<i>Elaeagnus angustifolia</i>	Russian Olive		
<i>Salix scouleriana</i>	Scouler Willow		
<i>Salix lasiandra</i>	Pacific Willow		

Comments: **Locally Significant Wetland**
 OFFSITE - This predominantly open water system (70% aquatic bed) is hydrologically connected to RSC-29 and RSC-31. It also includes forested (10%) and emergent (20%) components. Located within the floodplain. Zoned as Low and Medium Density Residential and Agricultural.

Adjacent upland species: *Daucus carota*, *Agrostis tenuis*, *Plantago lanceolata*, *Festuca arundinacea*, *Cirsium arvense*, *Rubus discolor*

COWARDIN CODES:	R2AB = riverine lower perennial aquatic bed	R2UB = riverine lower perennial unconsolidated bottom	PUB = palustrine unconsolidated bottom
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	PAB = palustrine aquatic bed
HGM CODES:	DCP = Depressional Closed Permanent	RI = Riverine Impounding	DO = Depressional Outflow
	DCNP = Depressional Closed Nonpermanent	RFT = Riverine Flow Through	S = Slope FL= Flats

Wetland Characterization Sheet



Project Name: City of Eugene LWI

		Wetland Code:	RSC-31
Date(s) of field work:	11/3/2003	Size (acres):	4.52
Data Sheet Numbers:	OFFSITE	Cowardin Class(es):	PFO, PEM, PAB
Investigator(s):	ME	HGM Class(es):	RFT, DCP

Location -- Legal:	T17S R4W Section 23
Other:	East of NW Expressway, East of Natoma to Maclay Drive
Tax Lots:	See accompanying table
Hydrologic basin:	River Road / Santa Clara
Soil -- Mapped series:	Awbrig silty clay loam, Coburg and Malabon-Urban land complex
Hydrologic Source:	Surface Flow

Dominant Wetland Vegetation			
TREES / SHRUBS		VINES / HERBS	
		<i>Echinochloa crusgalli</i>	Large Barnyard Grass
		<i>Bidens cernua</i>	Nodding Beggar-Ticks
		<i>Carex nudata</i>	Torrent Sedge
		<i>Scirpus microcarpus</i>	Small-Fruit Bulrush
		<i>Solanum dulcamara</i>	Bittersweet Nightshade
		<i>Juncus effusus</i>	Soft Rush

Comments:
 OFFSITE - Portion of Flat Creek that flows through residential development. Predominantly forested (60%), with the remainder evenly split between aquatic and emergent communities. Two sections of the creek were previously delineated by DSL WD #98-0245 and 98-0472. Located outside of the floodplain. Zoned as Suburban Residential. Hydrologically connected to RSC- 30 and RSC-32.
 Adjacent upland species: *Daucus carota*, *Festuca arundinacea*, *Hypochaeris radicata*, *Trifolium pratense*

COWARDIN CODES:	R2AB = riverine lower perennial aquatic bed	R2UB = riverine lower perennial unconsolidated bottom	PUB = palustrine unconsolidated bottom
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	PAB = palustrine aquatic bed
HGM CODES:	DCP = Depressional Closed Permanent	RI = Riverine Impounding	DO = Depressional Outflow
	DCNP = Depressional Closed Nonpermanent	RFT = Riverine Flow Through	S = Slope FL= Flats

Wetland Characterization Sheet



Project Name: City of Eugene LWI

		Wetland Code:	RSC-32
Date(s) of field work:	10/01/2003 & 10/17/2003	Size (acres):	2.64
Data Sheet Numbers:	53, 54, 55, 56	Cowardin Class(es):	PEM
Investigator(s):	JVS/CR	HGM Class(es):	RI, RFT

Location -- Legal:	T17S R4W Section 23
Other:	East of NW Expressway, S of Elkay Drive to S of Filbert Street
Tax Lots:	See accompanying table
Hydrologic basin:	River Road / Santa Clara
Soil -- Mapped series:	Coburg-Urban land complex
Hydrologic Source:	Surface Flow

Dominant Wetland Vegetation			
TREES / SHRUBS		VINES / HERBS	
<i>Salix lasiandra</i>	Pacific Willow	<i>Iris pseudacorus</i>	Yellow Iris
<i>Salix scouleriana</i>	Scouler Willow	<i>Bidens frondosa</i>	Devil's Beggar-Ticks
<i>Populus trichocarpa</i>	Black Cottonwood	<i>Beckmannia syzigachne</i>	American Sloughgrass
<i>Fraxinus latifolia</i>	Oregon Ash	<i>Paspalum distichum</i>	Knotgrass
		<i>Solanum dulcamara</i>	Bittersweet Nightshade

Comments:

Locally Significant Wetland

Palustrine emergent wetland located along the southern portion of Flat Creek (headwaters) that flows through residential development. The wetland is formed by a series of impounded sections of the creek. The creek within one tax lot was previously delineated (WD#01-0526). Hydrologically connected to RSC-31. Located outside of the floodplain and zoned residential.

Adjacent upland species: *Crepis setosa*, *Festuca arundinacea*, *Lamium purpureum*, *Hypochaeris radicata*, *Trifolium repens*, *Poa annua*, *Agrostis tenuis*, *Daucus carota*, *Plantago lanceolata*

COWARDIN CODES:	R2AB = riverine lower perennial aquatic bed	R2UB = riverine lower perennial unconsolidated bottom	PUB = palustrine unconsolidated bottom
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	PAB = palustrine aquatic bed
HGM CODES:	DCP = Depressional Closed Permanent	RI = Riverine Impounding	DO = Depressional Outflow
	DCNP = Depressional Closed Nonpermanent	RFT = Riverine Flow Through	S = Slope FL = Flats

Wetland Characterization Sheet



Project Name: City of Eugene LWI

		Wetland Code:	RSC-33
Date(s) of field work:	8/8/2003	Size (acres):	3.01
Data Sheet Numbers:	OFFSITE	Cowardin Class(es):	PFO, PEM
Investigator(s):	JVS/CR	HGM Class(es):	S/F

Location -- Legal:	T17S R4W Sections 14, 15
Other:	East of NW Expressway, South of Maxwell Road
Tax Lots:	See accompanying table
Hydrologic basin:	River Road / Santa Clara
Soil -- Mapped series:	Pits
Hydrologic Source:	Surface Flow

Dominant Wetland Vegetation			
TREES / SHRUBS		VINES / HERBS	
<i>Fraxinus latifolia</i>	Oregon Ash	<i>Epilobium watsonii</i>	Watson's Willow-Herb
<i>Populus trichocarpa</i>	Black Cottonwood	<i>Carex obnupta</i>	Slough Sedge
<i>Spiraea douglasii</i>	Douglas' Spiraea	<i>Polygonum lapathifolium</i>	Willow-Weed
<i>Cornus stolonifera</i>	Red-Osier Dogwood	<i>Verbena hastata</i>	Blue Verbena
		<i>Mentha pulegium</i>	Penny-Royal
		<i>Solanum dulcamara</i>	Bittersweet Nightshade

Comments: **Locally Significant Wetland**
 OFFSITE - Wetland dominated by Oregon ash and reed canarygrass with an intermittent stream. Seasonal flooding occurs in the wetland which supports the adjacent palustrine forested (80%) and emergent (20%) communities. Hydrologically connected to RSC-29. Located within the floodplain. Zoned as Low Density Residential.
 Adjacent upland species: *Rubus discolor*, *Rubus ursinus*, *Agrostis tenuis*, *Festuca arundinacea*.

COWARDIN CODES:	R2AB = riverine lower perennial aquatic bed	R2UB = riverine lower perennial unconsolidated bottom	PUB = palustrine unconsolidated bottom
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	PAB = palustrine aquatic bed
HGM CODES:	DCP = Depressional Closed Permanent	RI = Riverine Impounding	DO = Depressional Outflow
	DCNP = Depressional Closed Nonpermanent	RFT = Riverine Flow Through	S = Slope FL = Flats

Wetland Characterization Sheet



Project Name: City of Eugene LWI

		Wetland Code:	RSC-34
Date(s) of field work:	8/8/2003	Size (acres):	1.18
Data Sheet Numbers:	OFFSITE	Cowardin Class(es):	PFO
Investigator(s):	JVS/CR	HGM Class(es):	DCNP

Location -- Legal:	T17S R4W Section 14
Other:	West of Park Avenue, South of Maxwell Road
Tax Lots:	See accompanying table
Hydrologic basin:	River Road / Santa Clara
Soil -- Mapped series:	Salem gravelly silt loam
Hydrologic Source:	Groundwater

Dominant Wetland Vegetation			
TREES / SHRUBS		VINES / HERBS	
<i>Fraxinus latifolia</i>	Oregon Ash		

Comments: **Locally Significant Wetland**
 OFFSITE - Isolated *Fraxinus latifolia* wetland. The forested wetland has no apparent hydrologic connection to adjacent wetlands. Located outside of the floodplain in undeveloped area. Zoned as Low Density Residential.

Adjacent upland species: *Rubus discolor*, *Rubus ursinus*, *Daucus carota*, *Festuca arundinacea*.

COWARDIN CODES: R2AB = riverine lower perennial aquatic bed R2UB = riverine lower perennial unconsolidated bottom PUB = palustrine unconsolidated bottom

PFO = palustrine forested PSS = palustrine scrub-shrub PEM = palustrine emergent PAB = palustrine aquatic bed

HGM CODES: DCP = Depressional Closed Permanent RI = Riverine Impounding DO = Depressional Outflow

DCNP = Depressional Closed Nonpermanent RFT = Riverine Flow Through S = Slope FL = Flats

Wetland Characterization Sheet



Project Name: City of Eugene LWI

		Wetland Code:	RSC-35
Date(s) of field work:	9/26/2003	Size (acres):	1.78
Data Sheet Numbers:	OFFSITE	Cowardin Class(es):	PFO
Investigator(s):	CR	HGM Class(es):	S/F

Location -- Legal:	T16S R4W Section 35
Other:	West of River Road
Tax Lots:	See accompanying table
Hydrologic basin:	River Road / Santa Clara
Soil -- Mapped series:	Malabon silty clay loam
Hydrologic Source:	Surface water

Dominant Wetland Vegetation			
TREES / SHRUBS		VINES / HERBS	
<i>Fraxinus latifolia</i>	Oregon Ash	<i>Agrostis tenuis</i>	Colonial Bentgrass

Comments: **Locally Significant Wetland**
 OFFSITE - Portion of Flat Creek, located within a pasture with an adjacent forested wetland dominated by Oregon ash. The creek continues westward, outside of the Urban Growth Boundary (UGB). The creek comes back into the UGB south of Hyacinth Street where it is hydrologically connected to RSC-23. Located inside the floodplain. Current land use and zoning are Agricultural.
 Adjacent upland species: *Rubus discolor*, *Festuca arundinacea*, *Daucus carota*, *Agrostis tenuis*, *Hypochaeris radicata*, pasture grasses

COWARDIN CODES:	R2AB = riverine lower perennial aquatic bed	R2UB = riverine lower perennial unconsolidated bottom	PUB = palustrine unconsolidated bottom
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	PAB = palustrine aquatic bed
HGM CODES:	DCP = Depressional Closed Permanent	RI = Riverine Impounding	DO = Depressional Outflow
	DCNP = Depressional Closed Nonpermanent	RFT = Riverine Flow Through	S = Slope FL = Flats

Wetland Characterization Sheet



Project Name: City of Eugene LWI

		Wetland Code:	RSC-36
Date(s) of field work:	9/26/2003	Size (acres):	2.36
Data Sheet Numbers:	OFFSITE	Cowardin Class(es):	PEM, PAB
Investigator(s):	CR	HGM Class(es):	RFT, RI

Location -- Legal:	T16S R4W Section 35, T17S R4W Section 02
Other:	East of River Road, Between Beacon Drive and Spring Creek Drive
Tax Lots:	See accompanying table
Hydrologic basin:	River Road / Santa Clara
Soil -- Mapped series:	Malabon silty clay loam
Hydrologic Source:	Surface flow

Dominant Wetland Vegetation			
TREES / SHRUBS		VINES / HERBS	
<i>Salix lasiandra</i>	Pacific Willow	<i>Phalaris arundinacea</i>	Reed Canary Grass
		<i>Lapsana communis</i>	Nipplewort
		<i>Polygonum sp.</i>	Knotweed

Comments: **Locally Significant Wetland**
 OFFSITE - This section of Spring Creek is primarily palustrine emergent (80%) but has a submerged vegetation component (20% aquatic bed). Hydrologically connected to RSC-37 and RSC-38, both downstream. A portion of this section of the creek was previously delineated (DSL WD #98-0358). The creek is located within the floodplain and flows through a developed area zoned as Low Density Residential.
 Adjacent upland species: *Acer macrophyllum*, *Daucus carota*, *Festuca arundinacea*, *Agrostis tenuis*

COWARDIN CODES:	R2AB = riverine lower perennial aquatic bed	R2UB = riverine lower perennial unconsolidated bottom	PUB = palustrine unconsolidated bottom
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	PAB = palustrine aquatic bed
HGM CODES:	DCP = Depressional Closed Permanent	RI = Riverine Impounding	DO = Depressional Outflow
	DCNP = Depressional Closed Nonpermanent	RFT = Riverine Flow Through	S = Slope FL= Flats

Wetland Characterization Sheet



Project Name: City of Eugene LWI

		Wetland Code:	RSC-37
Date(s) of field work:	6/27/2003	Size (acres):	1.27
Data Sheet Numbers:	OFFSITE	Cowardin Class(es):	PEM, PSS, PFO
Investigator(s):	PF/CR	HGM Class(es):	RFT, S/F

Location -- Legal:	T17S R4W Section 02
Other:	East of River Road, North of Spring Creek Drive
Tax Lots:	See accompanying table
Hydrologic basin:	River Road / Santa Clara
Soil -- Mapped series:	Malabon silty clay loam
Hydrologic Source:	Surface Flow

Dominant Wetland Vegetation			
TREES / SHRUBS		VINES / HERBS	
<i>Cornus stolonifera</i>	Red-Osier Dogwood	<i>Myosotis discolor</i>	Yellow & Blue Forget Me Not
<i>Fraxinus latifolia</i>	Oregon Ash	<i>Sparganium emersum</i>	Narrow-Leaf Burreed
<i>Salix lasiandra</i>	Pacific Willow	<i>Veronica americana</i>	American Speedwell
		<i>Deschampsia cespitosa</i>	Tufted Hairgrass
		<i>Bidens frondosa</i>	Devil's Beggar-Ticks
		<i>Equisetum arvense</i>	Field Horsetail
		<i>Plantago lanceolata</i>	English Plantain
		<i>Dipsacus sylvestris</i>	Teasel
		<i>Carex unilateralis</i>	One-Side Sedge
		<i>Lemna minor</i>	Lesser Duckweed

Comments: **Locally Significant Wetland**
 OFFSITE - Spring Creek and adjacent wetland composed of 50% forested, 40% scrub shrub, and 10% emergent areas. Hydrologically connected upstream to RSC-36 and downstream to RSC-38. Portions of this section of creek were previously delineated (DSL #99-0363). The creek is located within the floodplain and flows through an area zoned as Low Density Residential.
 Adjacent upland species: *Trifolium repens*, *Cirsium vulgare*, *Acer macrophyllum*, residential lawns

COWARDIN CODES:	R2AB = riverine lower perennial aquatic bed	R2UB = riverine lower perennial unconsolidated bottom	PUB = palustrine unconsolidated bottom
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	PAB = palustrine aquatic bed
HGM CODES:	DCP = Depressional Closed Permanent	RI = Riverine Impounding	DO = Depressional Outflow
	DCNP = Depressional Closed Nonpermanent	RFT = Riverine Flow Through	S = Slope FL= Flats

Wetland Characterization Sheet



Project Name: City of Eugene LWI

		Wetland Code:	RSC-38
Date(s) of field work:	8/8/2003	Size (acres):	7.11
Data Sheet Numbers:	OFFSITE	Cowardin Class(es):	PEM
Investigator(s):	CR/JVS	HGM Class(es):	RFT, RI

Location --	Legal:	T17S R4W Sections 2, 11
	Other:	West of River Road, Between Hampshire Lane and Blackfoot Avenue
	Tax Lots:	See accompanying table
	Hydrologic basin:	River Road / Santa Clara
Soil --	Mapped series:	Malabon silty clay loam
	Hydrologic Source:	Surface Flow

Dominant Wetland Vegetation			
TREES / SHRUBS		VINES / HERBS	
<i>Fraxinus latifolia</i>	Oregon Ash	<i>Equisetum arvense</i>	Field Horsetail
<i>Cornus stolonifera</i>	Red-Osier Dogwood	<i>Plantago lanceolata</i>	English Plantain
<i>Salix lasiandra</i>	Pacific Willow	<i>Phalaris arundinacea</i>	Reed Canary Grass

Comments: **Locally Significant Wetland**
 OFFSITE - Spring Creek and adjacent palustrine emergent wetland. Hydrologically connected to RSC-36 and RSC 37. Two portions of the creek were previously delineated in (DSL WD#99-0180 and 00-0608). The creek is located within the floodplain. It flows through an area zoned as Low Density Residential and Agricultural.

Adjacent upland species: *Acer macrophyllum*, *Daucus carota*, *Festuca arundinacea*, *Agrostis tenuis*, lawn and ornamental trees and shrubs

COWARDIN CODES:	R2AB = riverine lower perennial aquatic bed	R2UB = riverine lower perennial unconsolidated bottom	PUB = palustrine unconsolidated bottom
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	PAB = palustrine aquatic bed
HGM CODES:	DCP = Depressional Closed Permanent	RI = Riverine Impounding	DO = Depressional Outflow
	DCNP = Depressional Closed Nonpermanent	RFT = Riverine Flow Through	S = Slope FL = Flats

Wetland Characterization Sheet



Project Name: City of Eugene LWI

		Wetland Code:	RSC-39
Date(s) of field work:	6/25/2003	Size (acres):	0.61
Data Sheet Numbers:	45, 46	Cowardin Class(es):	PSS
Investigator(s):	PF/CR	HGM Class(es):	DCNP

Location -- Legal:	T17S R4W Section 02
Other:	East of River Road, North and South of Swan Avenue
Tax Lots:	See accompanying table
Hydrologic basin:	River Road / Santa Clara
Soil -- Mapped series:	Malabon-Urban land complex
Hydrologic Source:	Groundwater

TREES / SHRUBS		VINES / HERBS	
<i>Rosa pisocarpa</i>	Clustered Wild Rose	<i>Solanum dulcamara</i>	Bittersweet Nightshade
<i>Salix lasiandra</i>	Pacific Willow		
<i>Fraxinus latifolia</i>	Oregon Ash		
<i>Spiraea douglasii</i>	Douglas' Spiraea		

Comments: **Locally Significant Wetland**
 Zoned as Agricultural. Scrub shrub wetland in an old creek channel meander. Located in an upland field, it is isolated and does not appear to have any surface connection to other drainages. Located within the floodplain. Zoned as Suburban Residential and Low Density Residential.

Adjacent upland species: *Cirsium arvense*, *Lactuca serriola*, *Lolium perenne*, *Taraxacum officinale*, *Festuca arundinacea*, *Convolvulus arvensis*, *Galium aparine*, *Acer macrophyllum*, *Rubus discolor*, *Holcus lanatus*

COWARDIN CODES:	R2AB = riverine lower perennial aquatic bed	R2UB = riverine lower perennial unconsolidated bottom	PUB = palustrine unconsolidated bottom
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	PAB = palustrine aquatic bed
HGM CODES:	DCP = Depressional Closed Permanent	RI = Riverine Impounding	DO = Depressional Outflow
	DCNP = Depressional Closed Nonpermanent	RFT = Riverine Flow Through	S = Slope FL = Flats

Wetland Characterization Sheet



Project Name: City of Eugene LWI

		Wetland Code:	RSC-40
Date(s) of field work:	6/27/2003	Size (acres):	1.56
Data Sheet Numbers:	47, 48	Cowardin Class(es):	PAB, PSS
Investigator(s):	SE/ME	HGM Class(es):	RFT

Location -- Legal:	T17S R4W Section 01
Other:	East of Scenic Dr., from Watson Drive north to the UGB line
Tax Lots:	See accompanying table
Hydrologic basin:	River Road / Santa Clara
Soil -- Mapped series:	Chehalis silty clay loam
Hydrologic Source:	Surface Flow

Dominant Wetland Vegetation			
TREES / SHRUBS		VINES / HERBS	
<i>Cornus stolonifera</i>	Red-Osier Dogwood	<i>Myosotis discolor</i>	Yellow And Blue Forget-Me-Not
<i>Fraxinus latifolia</i>	Oregon Ash	<i>Sparganium emersum</i>	Narrow-Leaf Burreed
<i>Salix lasiandra</i>	Pacific Willow	<i>Veronica americana</i>	American Speedwell
		<i>Deschampsia cespitosa</i>	Tufted Hairgrass
		<i>Bidens frondosa</i>	Devil's Beggar-Ticks
		<i>Equisetum arvense</i>	Field Horsetail
		<i>Rumex crispus</i>	Curly Dock
		<i>Lemna minor</i>	Lesser Duckweed
		<i>Carex unilateralis</i>	One-Side Sedge

Comments: **Locally Significant Wetland**
 Drainage located in a residential area that flows north to the Willamette River (80% aquatic bed). The drainage has an adjacent scrub/shrub (20%) community with forested riparian area beyond. The portion of the drainage located on tax lot 2247 was delineated in 2002 (DSL WD#2002-0252). Zoned as Suburban Residential and Agricultural
 Adjacent upland species: *Acer macrophyllum*, *Rubus discolor*, *Plantago lanceolata*, *Trifolium repens*, *Dipsacus sylvestris*, *Cirsium vulgare*, *Lactuca serriola*, *Daucus carota*, *Prunella vulgaris*

COWARDIN CODES:	R2AB = riverine lower perennial aquatic bed	R2UB = riverine lower perennial unconsolidated bottom	PUB = palustrine unconsolidated bottom
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	PAB = palustrine aquatic bed
HGM CODES:	DCP = Depressional Closed Permanent	RI = Riverine Impounding	DO = Depressional Outflow
	DCNP = Depressional Closed Nonpermanent	RFT = Riverine Flow Through	S = Slope FL = Flats

Wetland Characterization Sheet



Project Name: City of Eugene LWI

		Wetland Code:	WC-1
Date(s) of field work:	9/26/2003	Size (acres):	1.38
Data Sheet Numbers:	OFFSITE	Cowardin Class(es):	PFO, PSS, PEM
Investigator(s):	SE	HGM Class(es):	S/F

Location -- Legal:	T18S, R4W, Section 9, 10
Other:	East of the intersection of Jarding Road and Bailey Hill
Tax Lots:	See accompanying table
Hydrologic basin:	Willow Creek
Soil -- Mapped series:	Panther silty clay loam, Hazelair silty clay loam, Dupee silt loam
Hydrologic Source:	Groundwater

Dominant Wetland Vegetation			
TREES / SHRUBS		VINES / HERBS	
<i>Fraxinus latifolia</i>	Oregon Ash	<i>Juncus effusus</i>	Soft Rush
<i>Crataegus douglasii</i>	Douglas' Hawthorn	<i>Agrostis tenuis</i>	Colonial Bentgrass

Comments: **Locally Significant Wetland**
 OFFSITE - Predominately a forested (60%) wetland with scrub-shrub (20%) and emergent (20%) components in an undeveloped area. It is adjacent to a creek located north of the wetland. Potential connection to the creek is unknown, due to lack of access. This wetland appears to be fed by groundwater and is located outside of the floodplain. Zoned as agricultural.
 Adjacent upland species: *Quercus garryana*, *Pseudotsuga menziesii*, *Malus sylvestris*, *Rubus discolor*, *Rhus diversiloba*, *Festuca arundinacea*

COWARDIN CODES:	R2AB = riverine lower perennial aquatic bed	R2UB = riverine lower perennial unconsolidated bottom	PUB = palustrine unconsolidated bottom
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	PAB = palustrine aquatic bed
HGM CODES:	DCP = Depressional Closed Permanent	RI = Riverine Impounding	DO = Depressional Outflow
	DCNP = Depressional Closed Nonpermanent	RFT = Riverine Flow Through	S = Slope FL = Flats

Wetland Characterization Sheet



Project Name: City of Eugene LWI

		Wetland Code:	WKZ-1
Date(s) of field work:	6/4/2003	Size (acres):	4.11
Data Sheet Numbers:	OFFSITE	Cowardin Class(es):	PUB, PEM, PFO
Investigator(s):	PF/ME	HGM Class(es):	RI

Location -- Legal:	T17S R3W Section 28
Other:	NW corner of Leo Harris Parkway and Centennial Boulevard
Tax Lots:	See accompanying table
Hydrologic basin:	Willakenzie
Soil -- Mapped series:	Fluents, nearly level
Hydrologic Source:	Surface Flow

Dominant Wetland Vegetation			
TREES / SHRUBS		VINES / HERBS	
<i>Fraxinus latifolia</i>	Oregon Ash	<i>Phalaris arundinacea</i>	Reed Canary Grass
<i>Salix lasiandra</i>	Pacific Willow	<i>Bidens frondosa</i>	Devil's Beggar-Ticks
<i>Salix scouleriana</i>	Scouler Willow	<i>Nuphar luteum</i>	Yellow Cow-Lily
<i>Populus trichocarpa</i>	Black Cottonwood	<i>Juncus effusus</i>	Soft Rush
<i>Cornus stolonifera</i>	Red-Osier Dogwood		

Comments: **Locally Significant Wetland**
 OFFSITE - Two remnants of the historic Patterson Slough that have forested (30%) and emergent (10%) wetland components along the edges of the open water (60% palustrine unconsolidated bottom). These two slough sections are connected by culverts and flow north into WKZ-14, which flows to the Willamette River. The sloughs are located within the 100 year floodplain and are zoned Public Land. Portions previously delineated (DSL WD#00-0094).
 Adjacent upland species: *Acer macrophyllum*, *Rubus discolor*, *Bromus inermis*, *Symphoricarpus albus*, *Festuca arundinacea*

COWARDIN CODES:	R2AB = riverine lower perennial aquatic bed	R2UB = riverine lower perennial unconsolidated bottom	PUB = palustrine unconsolidated bottom
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	PAB = palustrine aquatic bed
HGM CODES:	DCP = Depressional Closed Permanent	RI = Riverine Impounding	DO = Depressional Outflow
	DCNP = Depressional Closed Nonpermanent	RFT = Riverine Flow Through	S = Slope FL = Flats

Wetland Characterization Sheet



Project Name: City of Eugene LWI

		Wetland Code:	WKZ-2
Date(s) of field work:	9/9/2003	Size (acres):	0.50
Data Sheet Numbers:	61,62	Cowardin Class(es):	PFO
Investigator(s):	SE/ME	HGM Class(es):	S/F

Location -- Legal:	T17S R3W Sec.18
Other:	South of Ayres Road, east of Delta Highway.
Tax Lots:	See accompanying table
Hydrologic basin:	Willakenzie
Soil -- Mapped series:	Fluvents, nearly level
Hydrologic Source:	Surface water

Dominant Wetland Vegetation			
TREES / SHRUBS		VINES / HERBS	
<i>Salix lasiandra</i>	Pacific Willow	<i>Solanum dulcamara</i>	Bittersweet Nightshade
<i>Fraxinus latifolia</i>	Oregon Ash	<i>Phalaris arundinacea</i>	Reed Canary Grass
		<i>Pteridium aquilinum</i>	Bracken Fern
		<i>Bidens frondosa</i>	Devil's Beggar-Ticks

Comments: **Locally Significant Wetland**
 Palustrine forested wetland located south of the Dodson Slough, which is a large open water system. The wetland is hydrologically connected to the Dodson Slough and likely receives stormwater from the surrounding residential development. Fish that use the Dodson Slough could potentially utilize the wetland. It is within the floodplain and Zoned Low Density Residential.
 Adjacent upland species: *Populus trichocarpa*, *Rubus discolor*, *Galium aparine*, *Epilobium watsonii*, lawn and ornamental trees

COWARDIN CODES: R2AB = riverine lower perennial aquatic bed R2UB = riverine lower perennial unconsolidated bottom PUB = palustrine unconsolidated bottom
 PFO = palustrine forested PSS = palustrine scrub-shrub PEM = palustrine emergent PAB = palustrine aquatic bed
HGM CODES: DCP = Depressional Closed Permanent RI = Riverine Impounding DO = Depressional Outflow
 DCNP = Depressional Closed Nonpermanent RFT = Riverine Flow Through S = Slope FL = Flats

Wetland Characterization Sheet



Project Name: City of Eugene LWI

		Wetland Code:	WKZ-3
Date(s) of field work:	9/9/2003	Size (acres):	1.00
Data Sheet Numbers:	59-60	Cowardin Class(es):	PFO
Investigator(s):	SE/ME	HGM Class(es):	DCP

Location --	Legal:	T17S R3W Sec. 18
	Other:	East of Delta Hwy between Applewood Lane & Stapp Drive
	Tax Lots:	See accompanying table
	Hydrologic basin:	Willakenzie
Soil -- Mapped series:	Camas gravelly sandy loam	
	Hydrologic Source:	Groundwater

Dominant Wetland Vegetation			
TREES / SHRUBS		VINES / HERBS	
<i>Salix lasiandra</i>	Pacific Willow	<i>Solanum dulcamara</i>	Bittersweet Nightshade
<i>Fraxinus latifolia</i>	Oregon Ash	<i>Bidens frondosa</i>	Devil's Beggar-Ticks
<i>Cornus stolonifera</i>	Red-Osier Dogwood	<i>Epilobium watsonii</i>	Watson's Willow-Herb

Comments: **Locally Significant Wetland**
 This is a forested wetland surrounded by commercial and residential development. Stormwater is piped from adjacent parking lots and into the wetland, which has no apparent outlet. It is located within the floodplain and zoned Medium Density Residential.

Adjacent upland species: *Populus trichocarpa*, *Rubus discolor*

COWARDIN CODES:	R2AB = riverine lower perennial aquatic bed	R2UB = riverine lower perennial unconsolidated bottom	PUB = palustrine unconsolidated bottom
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	PAB = palustrine aquatic bed
HGM CODES:	DCP = Depressional Closed Permanent	RI = Riverine Impounding	DO = Depressional Outflow
	DCNP = Depressional Closed Nonpermanent	RFT = Riverine Flow Through	S = Slope FL = Flats

Wetland Characterization Sheet



Project Name: City of Eugene LWI

		Wetland Code:	WKZ-4
Date(s) of field work:	8/15/2003	Size (acres):	6.58
Data Sheet Numbers:	OFFSITE	Cowardin Class(es):	PFO, PEM, PSS
Investigator(s):	SE/ME	HGM Class(es):	DCP

Location -- Legal:	T17S R3W Section 18
Other:	NW of the intersection of Beltline and Delta Highway
Tax Lots:	See accompanying table
Hydrologic basin:	Willakenzie
Soil -- Mapped series:	Fluvents, nearly level
Hydrologic Source:	Surface Flow

Dominant Wetland Vegetation			
TREES / SHRUBS		VINES / HERBS	
<i>Salix scouleriana</i>	Scouler Willow	<i>Mentha pulegium</i>	Penny-Royal
<i>Fraxinus latifolia</i>	Oregon Ash	<i>Solanum dulcamara</i>	Bittersweet Nightshade
<i>Salix lasiandra</i>	Pacific Willow	<i>Polygonum punctatum</i>	Dotted Smartweed
<i>Populus trichocarpa</i>	Black Cottonwood	<i>Phalaris arundinacea</i>	Reed Canary Grass
<i>Cornus stolonifera</i>	Red-Osier Dogwood	<i>Bidens frondosa</i>	Devil's Beggar-Ticks
<i>Spiraea douglasii</i>	Douglas' Spiraea	<i>Impatiens noli-tangere</i>	Western Touch-Me-Not
		<i>Carex obnupta</i>	Slough Sedge
		<i>Typha latifolia</i>	Common Cattail
		<i>Mentha spicata</i>	Spearmint

Comments: **Locally Significant Wetland**
 OFFSITE - The wetland is a large predominately forested (75%) system connected to an old oxbow that has been channelized (WKZ-5), which is connected to the Willamette River. The wetland consists of scrub-shrub (10%) and emergent (15%) components. It is located within the floodplain and zoned as Agricultural.

Adjacent upland species: *Acer macrophyllum*, *Symporicarpos albus*, *Rubus discolor*, *Daucus carota*, *Hypochaeris radicata*, *Lolium perenne*

COWARDIN CODES:	R2AB = riverine lower perennial aquatic bed	R2UB = riverine lower perennial unconsolidated bottom	PUB = palustrine unconsolidated bottom
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	PAB = palustrine aquatic bed
HGM CODES:	DCP = Depressional Closed Permanent	RI = Riverine Impounding	DO = Depressional Outflow
	DCNP = Depressional Closed Nonpermanent	RFT = Riverine Flow Through	S = Slope FL = Flats

Wetland Characterization Sheet



Project Name: City of Eugene LWI

		Wetland Code:	WKZ-5
Date(s) of field work:	8/15/2003	Size (acres):	12.28
Data Sheet Numbers:	63, 64	Cowardin Class(es):	PSS, PFO, R2AB
Investigator(s):	SE/ME	HGM Class(es):	RFT

Location -- Legal:	T17S R3W Section 18
Other:	S. of Lakeside Road and along the west side of Delta Highway
Tax Lots:	See accompanying table
Hydrologic basin:	Willakenzie
Soil -- Mapped series:	Fluvents, nearly level
Hydrologic Source:	Surface Flow

Dominant Wetland Vegetation			
TREES / SHRUBS		VINES / HERBS	
<i>Salix scouleriana</i>	Scouler Willow	<i>Polygonum punctatum</i>	Dotted Smartweed
		<i>Solanum dulcamara</i>	Bittersweet Nightshade
		<i>Mentha pulegium</i>	Penny-Royal
		<i>Bidens frondosa</i>	Devil's Beggar-Ticks
		<i>Impatiens noli-tangere</i>	Western Touch-Me-Not
		<i>Phalaris arundinacea</i>	Reed Canary Grass

Comments: **Locally Significant Wetland**
 Historic oxbow connected to the Willamette River that has been channelized. Hydrologically connected to WKZ-4. The wetland consists of lower perennial riverine (50%) with palustrine forested (30%) and scrub-shrub (20%). The west branch is located in a residential development and the south branch is located west of Delta Highway and connects to WKZ-7. It is located within the floodplain and zoned as Agricultural and Medium Density Residential.
 Adjacent upland species: *Agrostis tenuis*, *Cichorium intybus*, *Hypochaeris radicata*, *Daucus carota*, *Lotus purshiana*, *Convolvulus arvensis*

COWARDIN CODES:	R2AB = riverine lower perennial aquatic bed	R2UB = riverine lower perennial unconsolidated bottom	PUB = palustrine unconsolidated bottom
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	PAB = palustrine aquatic bed
HGM CODES:	DCP = Depressional Closed Permanent	RI = Riverine Impounding	DO = Depressional Outflow
	DCNP = Depressional Closed Nonpermanent	RFT = Riverine Flow Through	S = Slope FL = Flats

Wetland Characterization Sheet



Project Name: City of Eugene LWI

		Wetland Code:	WKZ-6
Date(s) of field work:	8/15/2003	Size (acres):	19.02
Data Sheet Numbers:	71, 72	Cowardin Class(es):	PAB, PSS, PFO
Investigator(s):	SE/ME	HGM Class(es):	DCP

Location -- Legal:	T17S R3W Section 18
Other:	E.of Delta Hwy., from N. of Belt Line & Goodpasture Island Rd.
Tax Lots:	See accompanying table
Hydrologic basin:	Willakenzie
Soil -- Mapped series:	McBee silty clay loam
Hydrologic Source:	Groundwater

Dominant Wetland Vegetation			
TREES / SHRUBS		VINES / HERBS	
<i>Salix scouleriana</i>	Scouler Willow	<i>Polygonum punctatum</i>	Dotted Smartweed
<i>Cornus stolonifera</i>	Red-Osier Dogwood	<i>Sparganium emersum</i>	Narrow-Leaf Burreed
<i>Populus trichocarpa</i>	Black Cottonwood	<i>Bidens frondosa</i>	Devil's Beggar-Ticks
<i>Fraxinus latifolia</i>	Oregon Ash		
<i>Salix lasiandra</i>	Pacific Willow		

Comments: **Locally Significant Wetland**

The wetland is a large open water (60%) pond with forested (25%) and scrub-shrub (15%). The wetland is part of the Delta Pond system, a remnant of gravel mining operations in the 1970's. It has a suspected connection to WKZ-7, which is located approximately 400 feet to the southwest. It is located within the floodplain and is zoned Low Density Residential.

Adjacent upland species: *Rubus discolor*, *Agrostis tenuis*, *Hypochaeris radicata*, *Festuca arundinacea*, *Holcus lanatus*, *Plantago major*

COWARDIN CODES:	R2AB = riverine lower perennial aquatic bed	R2UB = riverine lower perennial unconsolidated bottom	PUB = palustrine unconsolidated bottom
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	PAB = palustrine aquatic bed
HGM CODES:	DCP = Depressional Closed Permanent	RI = Riverine Impounding	DO = Depressional Outflow
	DCNP = Depressional Closed Nonpermanent	RFT = Riverine Flow Through	S = Slope FL = Flats

Wetland Characterization Sheet



Project Name: City of Eugene LWI

		Wetland Code:	WKZ-7
Date(s) of field work:	7/30/2003 & 9/9/2003	Size (acres):	65.54
Data Sheet Numbers:	67-70	Cowardin Class(es):	PAB, PSS, PFO, PEM
Investigator(s):	SE/ME	HGM Class(es):	DCP

Location --	Legal:	T17S R3W Section 19, 24
	Other:	East of Goodpasture Island Loop, East and west of Delta Highway
	Tax Lots:	See accompanying table
	Hydrologic basin:	Willakenzie
Soil -- Mapped series:	Pits, Fluvents, nearly level	
Hydrologic Source:	Groundwater	

Dominant Wetland Vegetation			
TREES / SHRUBS		VINES / HERBS	
<i>Salix scouleriana</i>	Scouler Willow	<i>Eleocharis ovata</i>	Ovate Spikerush
<i>Cornus stolonifera</i>	Red-Osier Dogwood	<i>Veronica americana</i>	American Speedwell
<i>Salix lasiandra</i>	Pacific Willow	<i>Lotus corniculatus</i>	Birds-Foot Trefoil
<i>Populus trichocarpa</i>	Black Cottonwood	<i>Epilobium watsonii</i>	Watson's Willow-Herb
		<i>Bidens frondosa</i>	Devil's Beggar-Ticks
		<i>Leersia oryzoides</i>	Rice Cutgrass
		<i>Polygonum hydropiper</i>	Marshpepper Smartweed
		<i>Sparganium emersum</i>	Narrow-Leaf Burreed
		<i>Phalaris arundinacea</i>	Reed Canary Grass
		<i>Juncus effusus</i>	Soft Rush

Comments: **Locally Significant Wetland**
 The wetland consists of open water (75%) ponds with forested (5%), scrub-shrub (15%), and emergent (5%) wetland communities. It is part of the Delta Pond system, which were part of a remnant gravel mining operation in the 1970's. The wetland drains west to the Willamette River and is hydrologically connected to WKZ-5 and WKZ-9. It is also connected to WR-3 via a 48-inch culvert under Goodpasture Island Loop. The wetland is within the floodplain and zoned as Medium Density Residential.
 Adjacent upland species: *Acer macrophyllum*, *Quercus garryana*, *Corylus cornuta*, *Rubus discolor*, *Festuca arundinacea*, *Daucus carota*, *Plantago lanceolata*, *Plantago major*, *Hypochaeris radicata*, *Convolvulus arvensis*

COWARDIN CODES:	R2AB = riverine lower perennial aquatic bed	R2UB = riverine lower perennial unconsolidated bottom	PUB = palustrine unconsolidated bottom
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	PAB = palustrine aquatic bed
HGM CODES:	DCP = Depressional Closed Permanent	RI = Riverine Impounding	DO = Depressional Outflow
	DCNP = Depressional Closed Nonpermanent	RFT = Riverine Flow Through	S = Slope FL = Flats

Wetland Characterization Sheet



Project Name: City of Eugene LWI

		Wetland Code:	WKZ-8
Date(s) of field work:	8/15/2003	Size (acres):	0.62
Data Sheet Numbers:	75, 76	Cowardin Class(es):	PEM
Investigator(s):	SE/ME	HGM Class(es):	DCNP

Location -- Legal:	T17S R3W Section 19
Other:	East of Delta Highway, West of Willagillespie Road
Tax Lots:	See accompanying table
Hydrologic basin:	Willakenzie
Soil -- Mapped series:	Coburg-Urban land complex
Hydrologic Source:	Precipitation

Dominant Wetland Vegetation			
TREES / SHRUBS		VINES / HERBS	
<i>Populus trichocarpa</i>	Black Cottonwood	<i>Mentha pulegium</i>	Penny-Royal
<i>Fraxinus latifolia</i>	Oregon Ash	<i>Bidens frondosa</i>	Devil's Beggar-Ticks
		<i>Rumex crispus</i>	Curly Dock
		<i>Alopecurus geniculatus</i>	Water Foxtail

Comments: **Locally Significant Wetland**
 Located on power plant property, the wetland is an emergent system with a few scattered trees. It was separated by the construction of a driveway to access the power plant. Located outside of the floodplain and zoned General Office and Community Commercial.

Adjacent upland species: *Hypochaeris radicata*, *Festuca arundinacea*, *Convolvulus arvensis*, *Lolium multiflorum*, *Crepis setosa*

COWARDIN CODES:	R2AB = riverine lower perennial aquatic bed	R2UB = riverine lower perennial unconsolidated bottom	PUB = palustrine unconsolidated bottom
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	PAB = palustrine aquatic bed
HGM CODES:	DCP = Depressional Closed Permanent	RI = Riverine Impounding	DO = Depressional Outflow
	DCNP = Depressional Closed Nonpermanent	RFT = Riverine Flow Through	S = Slope FL= Flats

Wetland Characterization Sheet



Project Name: City of Eugene LWI

		Wetland Code:	WKZ-9
Date(s) of field work:	8/6/2003	Size (acres):	10.18
Data Sheet Numbers:	OFFSITE	Cowardin Class(es):	PAB, PUB, PEM, PSS
Investigator(s):	SE	HGM Class(es):	RFT, RI

Location -- Legal:	T17S R3W Section 19
Other:	E. and W. of Delta Highway to W. of Country Sand Road
Tax Lots:	See accompanying table
Hydrologic basin:	Willakenzie
Soil -- Mapped series:	McBee silty clay loam
Hydrologic Source:	Surface Flow

Dominant Wetland Vegetation			
TREES / SHRUBS		VINES / HERBS	
<i>Cornus stolonifera</i>	Red-Osier Dogwood	<i>Phalaris arundinacea</i>	Reed Canary Grass
<i>Salix scouleriana</i>	Scouler Willow	<i>Nuphar luteum</i>	Yellow Cow-Lily
<i>Fraxinus latifolia</i>	Oregon Ash	<i>Juncus effusus</i>	Soft Rush
<i>Spiraea douglasii</i>	Douglas' Spiraea	<i>Veronica americana</i>	American Speedwell
		<i>Scirpus sp.</i>	Bulrush
		<i>Holcus lanatus</i>	Common Velvet Grass

Comments: **Locally Significant Wetland**
 OFF-SITE - The wetland is a riverine system that is hydrologically connected to WKZ-7. Scrub-shrub (20%) and emergent (40%) communities border shallow aquatic bed (30%) and deeper unconsolidated bottom (10%) habitats. The western portion of the drainage is located in residential areas, while the eastern portion flows across a golf course where it is connected to several ponds. The drainage is located within the floodplain and in areas zoned residential.
 Adjacent upland species: *Acer macrophyllum*, *Rubus discolor*, *Quercus garryana*, *Pseudotsuga menziesii*

COWARDIN CODES:	R2AB = riverine lower perennial aquatic bed	R2UB = riverine lower perennial unconsolidated bottom	PUB = palustrine unconsolidated bottom
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	PAB = palustrine aquatic bed
HGM CODES:	DCP = Depressional Closed Permanent	RI = Riverine Impounding	DO = Depressional Outflow
	DCNP = Depressional Closed Nonpermanent	RFT = Riverine Flow Through	S = Slope FL = Flats

Wetland Characterization Sheet



Project Name: City of Eugene LWI

		Wetland Code:	WKZ-10
Date(s) of field work:	7/8/2003	Size (acres):	0.55
Data Sheet Numbers:	OFFSITE	Cowardin Class(es):	PAB, PSS
Investigator(s):	SE/ME	HGM Class(es):	DCP

Location -- Legal:	T17S R3W Section 9
Other:	W.of Coburg Rd.in trailer park community at N. end of the UGB
Tax Lots:	See accompanying table
Hydrologic basin:	Willakenzie
Soil -- Mapped series:	Chehalis silty clay loam
Hydrologic Source:	Groundwater

Dominant Wetland Vegetation			
TREES / SHRUBS		VINES / HERBS	
<i>Populus trichocarpa</i>	Black Cottonwood		
<i>Salix sp.</i>	Willow		
<i>Thuja plicata</i>	Western Red Cedar		

Comments: **Locally Significant Wetland**
 OFFSITE - Open water (90% aquatic bed) pond with a forested (10%) fringe located in the center of a trailer park community. Located outside of the floodplain and zoned as agricultural.

Adjacent upland species: *Robinia pseudoacacia*, *Acer macrophyllum*, *Rubus discolor*, lawn

COWARDIN CODES: R2AB = riverine lower perennial aquatic bed R2UB = riverine lower perennial unconsolidated bottom PUB = palustrine unconsolidated bottom

PFO = palustrine forested PSS = palustrine scrub-shrub PEM = palustrine emergent PAB = palustrine aquatic bed

HGM CODES: DCP = Depressional Closed Permanent RI = Riverine Impounding DO = Depressional Outflow

DCNP = Depressional Closed Nonpermanent RFT = Riverine Flow Through S = Slope FL = Flats

Wetland Characterization Sheet



Project Name: City of Eugene LWI

		Wetland Code:	WKZ-11
Date(s) of field work:	11/4/2003	Size (acres):	4.66
Data Sheet Numbers:	OFFSITE	Cowardin Class(es):	PEMf, PFO
Investigator(s):	ME	HGM Class(es):	S/F

Location -- Legal:	T17S R3W Sec. 9
Other:	NW corner of County Farm Road and Coburg Road
Tax Lots:	See accompanying table
Hydrologic basin:	Willakenzie
Soil -- Mapped series:	Awbrig silty clay loam; Malabon silty clay loam
Hydrologic Source:	Precipitation

Dominant Wetland Vegetation			
TREES / SHRUBS		VINES / HERBS	
<i>Fraxinus latifolia</i>	Oregon Ash	<i>Festuca arundinacea</i>	Tall Fescue
<i>Salix spp.</i>	Willows		

Comments:
 OFFSITE - Wetland is located in an agricultural field that has been planted with grasses. Northwestern portion of the wetland is forested (30%) and the southern portion includes drainages with adjacent farmed emergent (70%) wetland areas. The northern and southern portions of the wetland drain offsite to the west. Located outside of the floodplain and zoned as Residential and Low Density Residential. DSL WD# 98-0072.
 Adjacent upland species: Planted field of *Festuca arundinacea*

COWARDIN CODES:	R2AB = riverine lower perennial aquatic bed	R2UB = riverine lower perennial unconsolidated bottom	PUB = palustrine unconsolidated bottom
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	PAB = palustrine aquatic bed
HGM CODES:	DCP = Depressional Closed Permanent	RI = Riverine Impounding	DO = Depressional Outflow
	DCNP = Depressional Closed Nonpermanent	RFT = Riverine Flow Through	S = Slope FL = Flats

Wetland Characterization Sheet



Project Name: City of Eugene LWI

		Wetland Code:	WKZ-12
Date(s) of field work:	8/6/2003	Size (acres):	2.18
Data Sheet Numbers:	OFFSITE	Cowardin Class(es):	PEMf
Investigator(s):	SE	HGM Class(es):	S/F

Location --	Legal:	T17S R3W Section 16
	Other:	SW corner of Game Farm Road and Crescent Avenue
	Tax Lots:	See accompanying table
	Hydrologic basin:	Willakenzie
Soil -- Mapped series:	Awbrig silty clay loam, Salem gravelly silt loam	
Hydrologic Source:	Precipitation	

Dominant Wetland Vegetation			
TREES / SHRUBS		VINES / HERBS	
		<i>Agricultural crop</i>	

Comments:

OFFSITE - Wetland is a palustrine emergent farmed system located in a mowed agricultural field. Difficult to see wetland because of distance from the road. Wetland boundary determined by aerial photography. Located outside of the floodplain and zoned as Low Density Residential.

Adjacent upland species: *Convolvulus arvensis*, *Agropyron sp.*, *Rubus discolor*, *Rubus ursinus*

COWARDIN CODES:	R2AB = riverine lower perennial aquatic bed	R2UB = riverine lower perennial unconsolidated bottom	PUB = palustrine unconsolidated bottom
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	PAB = palustrine aquatic bed
HGM CODES:	DCP = Depressional Closed Permanent	RI = Riverine Impounding	DO = Depressional Outflow
	DCNP = Depressional Closed Nonpermanent	RFT = Riverine Flow Through	S = Slope FL = Flats

Wetland Characterization Sheet



Project Name: City of Eugene LWI

		Wetland Code:	WKZ-13
Date(s) of field work:	5/29/2003	Size (acres):	2.69
Data Sheet Numbers:	77, 78	Cowardin Class(es):	PUB, PEM
Investigator(s):	PF/CR	HGM Class(es):	DCP

Location --	Legal:	T17S R3W Section 29
	Other:	N. of Highway 126, S. of Sorrel Way, W. of Rustic Place
	Tax Lots:	See accompanying table
	Hydrologic basin:	Willakenzie
Soil -- Mapped series:	Cloquato silt loam	
	Hydrologic Source:	Groundwater

Dominant Wetland Vegetation			
TREES / SHRUBS		VINES / HERBS	
<i>Salix lasiandra</i>	Pacific Willow	<i>Agrostis stolonifera</i>	Spreading Bentgrass
<i>Fraxinus latifolia</i>	Oregon Ash	<i>Scirpus microcarpus</i>	Small-Fruit Bulrush
<i>Populus trichocarpa</i>	Black Cottonwood		

Comments: **Locally Significant Wetland**
 Open water pond (90% unconsolidated bottom) with a narrow emergent (10%) wetland fringe. The pond drains to the south into a culvert under Highway 126. A dirt pathway is located along the upland perimeter of the pond. The wetland is located outside of the floodplain and is zoned as Low Density Residential.

Adjacent upland species: *Acer macrophyllum*, *Corylus cornuta*, *Populus trichocarpa*, *Rubus discolor*, *Festuca arundinacea*, *Poa annua*, *Agrostis tenuis*, *Hypochaeris radicata*, *Galium aparine*, *Cirsium vulgare*

COWARDIN CODES:	R2AB = riverine lower perennial aquatic bed	R2UB = riverine lower perennial unconsolidated bottom	PUB = palustrine unconsolidated bottom
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	PAB = palustrine aquatic bed
HGM CODES:	DCP = Depressional Closed Permanent	RI = Riverine Impounding	DO = Depressional Outflow
	DCNP = Depressional Closed Nonpermanent	RFT = Riverine Flow Through	S = Slope FL = Flats

Wetland Characterization Sheet



Project Name: City of Eugene LWI

		Wetland Code:	WKZ-14
Date(s) of field work:	8/21/2003	Size (acres):	7.29
Data Sheet Numbers:	OFFSITE	Cowardin Class(es):	R2UB, PEM, PSS
Investigator(s):	ME/SE	HGM Class(es):	RFT

Location -- Legal:	T17S R3W Section 28
Other:	S.of Highway 126, E.of Centennial Loop to I-5
Tax Lots:	See accompanying table
Hydrologic basin:	Willakenzie
Soil -- Mapped series:	Chehulpum, Fluvents, nearly level, Netarts fine sand, Newberg
Hydrologic Source:	Surface Flow

TREES / SHRUBS		VINES / HERBS	
<i>Salix lasiandra</i>	Pacific Willow	<i>Impatiens noli-tangere</i>	Western Touch-Me-Not
		<i>Phalaris arundinacea</i>	Reed Canary Grass
		<i>Dipsacus sylvestris</i>	Teasel

Comments: **Locally Significant Wetland**
 OFFSITE - Drainage that begins east of I-5 in Springfield and continues west where it flows into the Willamette River. The wetland is mapped to the Canoe Canal but no further west because there are no adjacent wetlands. The drainage is approximately 20 feet wide and consists of a lower perennial riverine system (40%) with adjacent palustrine scrub-shrub (15%) and emergent (45%) wetland components. It is located within the floodplain, and connected to WKZ-15.
 Adjacent upland species: *Polystichum munitum*, *Acer macrophyllum*, *Pseudotsuga menziesii*, *Rubus discolor*, *Quercus garryana*

COWARDIN CODES:	R2AB = riverine lower perennial aquatic bed	R2UB = riverine lower perennial unconsolidated bottom	PUB = palustrine unconsolidated bottom
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	PAB = palustrine aquatic bed
HGM CODES:	DCP = Depressional Closed Permanent	RI = Riverine Impounding	DO = Depressional Outflow
	DCNP = Depressional Closed Nonpermanent	RFT = Riverine Flow Through	S = Slope FL = Flats

Wetland Characterization Sheet



Project Name: City of Eugene LWI

		Wetland Code:	WR-1
Date(s) of field work:	7/28/2003	Size (acres):	1.94
Data Sheet Numbers:	57, 58	Cowardin Class(es):	PEM, PSS
Investigator(s):	ME/SE	HGM Class(es):	RI

Location -- Legal:	T17S R4W Section 13
Other:	Adjacent to the Willamette River, just south of River Avenue
Tax Lots:	See accompanying table
Hydrologic basin:	Willamette River
Soil -- Mapped series:	Camas gravelly sandy loam
Hydrologic Source:	Surface Flow

Dominant Wetland Vegetation			
TREES / SHRUBS		VINES / HERBS	
<i>Salix lasiandra</i>	Pacific Willow	<i>Urtica dioica</i>	Stinging Nettle
<i>Salix sitchensis</i>	Sitka Willow	<i>Phalaris arundinacea</i>	Reed Canary Grass
<i>Cornus stolonifera</i>	Red-Osier Dogwood	<i>Solanum dulcamara</i>	Bittersweet Nightshade
<i>Populus trichocarpa</i>	Black Cottonwood		
<i>Fraxinus latifolia</i>	Oregon Ash		
<i>Alnus rubra</i>	Red Alder		

Comments: **Locally Significant Wetland**
 The wetland is a scrub-shrub (75%) and emergent (25%) system located in an undeveloped area downslope of a forested upland east of the sewage treatment facility, on the west bank of the Willamette River. During high water events there is likely a hydrologic connection between the river and WR-1. During normal flow conditions they are separated by a narrow berm. The wetland is within the 100 year floodplain in an area zoned as Public Land. Adjacent upland species: *Acer macrophyllum*, *Prunus avium*, *Oemleria cerasiformis*, *Symphoricarpos albus*, *Rubus parviflorus*, *Rubus discolor*, *Rubus ursinus*, *Polystichum munitum*, *Galium aparine*, *Melissa officinalis*, *Rhus diversiloba*, *Berberis aquifolium*

COWARDIN CODES:	R2AB = riverine lower perennial aquatic bed	R2UB = riverine lower perennial unconsolidated bottom	PUB = palustrine unconsolidated bottom
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	PAB = palustrine aquatic bed
HGM CODES:	DCP = Depressional Closed Permanent	RI = Riverine Impounding	DO = Depressional Outflow
	DCNP = Depressional Closed Nonpermanent	RFT = Riverine Flow Through	S = Slope FL = Flats

Wetland Characterization Sheet



Project Name: City of Eugene LWI

		Wetland Code:	WR-2
Date(s) of field work:	7/28/2003	Size (acres):	1.79
Data Sheet Numbers:	65, 66	Cowardin Class(es):	PUB, PSS
Investigator(s):	ME/SE	HGM Class(es):	RFT

Location -- Legal:	T17S R4W Section 24
Other:	Willamette River, Lindner Lane and Sandra Lane
Tax Lots:	See accompanying table
Hydrologic basin:	Willamette
Soil -- Mapped series:	Fluvents, nearly level
Hydrologic Source:	Surface Flow

Dominant Wetland Vegetation			
TREES / SHRUBS		VINES / HERBS	
<i>Salix lasiandra</i>	Pacific Willow	<i>Phalaris arundinacea</i>	Reed Canary Grass
<i>Fraxinus latifolia</i>	Oregon Ash	<i>Solanum dulcamara</i>	Bittersweet Nightshade
		<i>Carex obnupta</i>	Slough Sedge
		<i>Bidens frondosa</i>	Devil's Beggar-Ticks

Comments: **Locally Significant Wetland**
 Wetland of Special Interest for Protection. The wetland includes an open water (80% unconsolidated bottom) system connected to the Willamette River by a 25-foot wide channel. There is a pedestrian bridge over the wetland's connection to the river. It also consists of a small scrub-shrub (20%) community at the southern end of the wetland that is inundated during high water. It is located within the floodplain and is zoned as Public Land.
 Adjacent upland species: *Populus trichocarpa*, *Rubus discolor*, *Daucus carota*, *Festuca arundinacea*, *Cirsium arvense*, *Holcus lanatus*, *Cirsium vulgare*

COWARDIN CODES:	R2AB = riverine lower perennial aquatic bed	R2UB = riverine lower perennial unconsolidated bottom	PUB = palustrine unconsolidated bottom
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	PAB = palustrine aquatic bed
HGM CODES:	DCP = Depressional Closed Permanent	RJ = Riverine Impounding	DO = Depressional Outflow
	DCNP = Depressional Closed Nonpermanent	RFT = Riverine Flow Through	S = Slope FL = Flats

Wetland Characterization Sheet



Project Name: City of Eugene LWI

		Wetland Code:	WR-3
Date(s) of field work:	7/30/2003	Size (acres):	25.48
Data Sheet Numbers:	73, 74	Cowardin Class(es):	PSS, PEM, PAB
Investigator(s):	ME/SE	HGM Class(es):	DCP

Location -- Legal:	T17S, R4W, Section 24
Other:	East of the Willamette River, west of Goodpasture Island Loop
Tax Lots:	See accompanying table
Hydrologic basin:	Willamette River
Soil -- Mapped series:	Pits
Hydrologic Source:	Precipitation

Dominant Wetland Vegetation			
TREES / SHRUBS		VINES / HERBS	
<i>Salix lasiandra</i>	Pacific Willow	<i>Scutellaria galericulata</i>	Marsh Skullcap
<i>Salix sessilifolia</i>	Northwest Willow	<i>Leersia oryzoides</i>	Rice Cutgrass
<i>Cornus stolonifera</i>	Red-Osier Dogwood	<i>Myriophyllum brasiliense</i>	South American Water-Milfoil
<i>Spiraea douglasii</i>	Douglas' Spiraea	<i>Polygonum hydropiperoides</i>	Swamp Smartweed
		<i>Carex obnupta</i>	Slough Sedge
		<i>Eleocharis palustris</i>	Common Spikerush
		<i>Rumex crispus</i>	Curly Dock
		<i>Bidens frondosa</i>	Devil's Beggar-Ticks
		<i>Lotus corniculatus</i>	Birds-Foot Trefoil
		<i>Lythrum salicaria</i>	Purple Loosestrife

Comments: **Locally Significant Wetland**
 A series of open water ponds (80% aquatic bed) with scrub-shrub (10%) and emergent (10%) edges and islands. It is part of the Delta Ponds, which drain west to the Willamette River and are hydrologically connected to WKZ-7 via a 48-inch culvert under Goodpasture Island Loop. Portions of the west end were previously delineated (DSL WD#00-0130). It is zoned as Public Lands.
 Adjacent upland species: *Populus trichocarpa*, *Acer macrophyllum*, *Arbutus menziesii*, *Oemleria cerasiformis*, *Crataegus monogyna*, *Prunus sp.*, *Rhus diversiloba*, *Berberis aquifolium*, *Rubus discolor*, *Rubus ursinus*, *Lolium perenne*, *Holcus lanatus*, *Phalaris arundinacea*, *Cirsium arvense*

COWARDIN CODES:	R2AB = riverine lower perennial aquatic bed	R2UB = riverine lower perennial unconsolidated bottom	PUB = palustrine unconsolidated bottom
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	PAB = palustrine aquatic bed
HGM CODES:	DCP = Depressional Closed Permanent	RI = Riverine Impounding	DO = Depressional Outflow
	DCNP = Depressional Closed Nonpermanent	RFT = Riverine Flow Through	S = Slope FL = Flats

Wetland Characterization Sheet



Project Name: City of Eugene LWI

		Wetland Code:	WR-4
Date(s) of field work:	6/4/2003	Size (acres):	6.35
Data Sheet Numbers:	OFFSITE	Cowardin Class(es):	PAB, PSS, PUB
Investigator(s):	PF/ME	HGM Class(es):	RFT

Location -- Legal:	T17S R3W Section 32, 33
Other:	N. of Franklin Boulevard, between Kincaid St to Judkins Point
Tax Lots:	See accompanying table
Hydrologic basin:	Willamette River
Soil -- Mapped series:	Chapman-Urban land complex, Newberg-Urban land complex
Hydrologic Source:	Surface Flow

Dominant Wetland Vegetation			
TREES / SHRUBS		VINES / HERBS	
<i>Alnus rubra</i>	Red Alder	<i>Carex obnupta</i>	Slough Sedge
<i>Salix sitchensis</i>	Sitka Willow	<i>Juncus effusus</i>	Soft Rush
<i>Fraxinus latifolia</i>	Oregon Ash		

Comments: **Locally Significant Wetland**
 Wetland of Special Interest for Protection. OFFSITE - The wetland is associated with the Millrace, which is a riverine system that flows northwest to the Willamette River. Areas of palustrine unconsolidated bottom (75%) and aquatic bed (10%) dominate, but a scrub-shrub (15%) fringe is also present. This portion of the Millrace starts at a railroad crossing and pump station located near Judkins Point.
 Adjacent upland species: *Alnus rubra*, *Populus trichocarpa*, *Acer macrophyllum*, *Rubus discolor*, *Salix spp.*, *Agrostis tenuis*

COWARDIN CODES:	R2AB = riverine lower perennial aquatic bed	R2UB = riverine lower perennial unconsolidated bottom	PUB = palustrine unconsolidated bottom
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	PAB = palustrine aquatic bed
HGM CODES:	DCP = Depressional Closed Permanent	RI = Riverine Impounding	DO = Depressional Outflow
	DCNP = Depressional Closed Nonpermanent	RFT = Riverine Flow Through	S = Slope FL = Flats

Wetland Characterization Sheet



Project Name: City of Eugene LWI

		Wetland Code:	WR-5
Date(s) of field work:	6/4/2003	Size (acres):	1.17
Data Sheet Numbers:	107, 108	Cowardin Class(es):	PEM, PFO
Investigator(s):	PF/ME	HGM Class(es):	RI

Location -- Legal:	T17S R3W Section 33
Other:	Alton Baker Park, SW of Walnut Rd, adjacent to Willamette River
Tax Lots:	See accompanying table
Hydrologic basin:	Willamette River
Soil -- Mapped series:	Fluvents, nearly level
Hydrologic Source:	Surface Flow

Dominant Wetland Vegetation			
TREES / SHRUBS		VINES / HERBS	
<i>Fraxinus latifolia</i>	Oregon Ash	<i>Carex obnupta</i>	Slough Sedge
<i>Rosa sp.</i>	Rose	<i>Phalaris arundinacea</i>	Reed Canary Grass
<i>Salix sp.</i>	Willow	<i>Solanum dulcamara</i>	Bittersweet Nightshade
<i>Solanum dulcamara</i>	Bittersweet Nightshade	<i>Rubus ursinus</i>	California Dewberry

Comments: **Locally Significant Wetland**

Wetland of Special Interest for Protection. The wetland is a backwater slough connected to the Willamette River. It consists of forested (50%) and emergent (50%) wetland components. The wetland is separated east to west by an unimproved pedestrian path, but apparently maintains a hydrologic connection. Located within the 100-year floodplain and zoned Public Land.

Adjacent upland species: *Populus trichocarpa*, *Acer macrophyllum*, *Symphoricarpus albus*, *Poa trivialis*, *Dactylis glomerata*, *Conium maculatum*, *Berberis aquifolium*, *Oemleria cerasiformis*, *Galium aparine*, *Lactuca serriola*, *Polystichum munitum*, *Elymus glaucus*, *Hedera helix*, *Rubus discolor*

COWARDIN CODES:	R2AB = riverine lower perennial aquatic bed	R2UB = riverine lower perennial unconsolidated bottom	PUB = palustrine unconsolidated bottom
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	PAB = palustrine aquatic bed
HGM CODES:	DCP = Depressional Closed Permanent	RI = Riverine Impounding	DO = Depressional Outflow
	DCNP = Depressional Closed Nonpermanent	RFT = Riverine Flow Through	S = Slope FL= Flats



Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project: City of Eugene LWI		Number: 2762		Sample Site: AMA-3-86			
Applicant: City of Eugene		County: Lane		Date: 9/11/2003			
Investigators: SE/ME		Township: 18S		Range: 4W Section: 11			
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No					
Is this an Atypical Situation? No							
HYDROLOGY			<u>Primary Indicators</u>		<u>Secondary Indicators</u>		
			Inundated		Ox. rhizospheres		
			Sat. in Upper 12"		H2O-stained leaves		
Depth of Surf. H2O Inches			Water Marks		Local Soil Survey		
Depth to Free H2O >10 Inches			Drift Lines		FAC Neutral Test		
Depth to Saturation >10 Inches			Sediment Deposits		Other		
			Drainage patterns		Criteria Met: No		
SOILS		Mapped Series: Dixonville-Philomath-Hazelair		Hydric Soil?: No			
		Classification: N/A		Drainage Class: well/moderately well drained			
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments	
			Color	abundance/size/contrast			
0-10	7.5YR 2.5/3	L				refused at 10 inches due to bedrock	
*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
<i>Pseudotsuga menziesii</i> *		FACU	75	<i>Polypogon monspeliensis</i> *		FACW	80
<i>Prunus avium</i>		UPL	10	<i>Polystichum munitum</i>		FACU	5
<i>Quercus garryana</i>		UPL	15	<i>Festuca arundinacea</i>		FAC-	15
Shrub Stratum (30%)		Status	% Cover	Woody Vine Stratum (10%)		Status	% Cover
<i>Crataegus douglasii</i>		FAC	10	<i>Rubus discolor</i> *		FACU	100
<i>Amelanchier alnifolia</i> *		FACU	75				
<i>Prunus avium</i>		UPL	5				
<i>Rhododendron macrophyllum</i>		UPL	10				
*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 Eugene LWI	Number: 2762	Sample Site: AMA-6-79
Applicant: City of Eugene	County: Lane	Date: 10/1/2003
Investigators: SE/ME	Township: 18S Range: 4W Section: 1	

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

	<u>Primary Indicators</u>	<u>Secondary Indicators</u>
HYDROLOGY	Inundated	Ox. rhizospheres
	Sat. in Upper 12"	H2O-stained leaves
Depth of Surf. H2O Inches	Water Marks	Local Soil Survey
Depth to Free H2O >15 Inches	Drift Lines	FAC Neutral Test
Depth to Saturation >15 Inches	Sediment Deposits	Other
	Drainage patterns	Criteria Met: <input type="checkbox"/> No

SOILS	Mapped Series: Bashaw clay	Hydric Soil?: Yes	
	Classification: Xeric Endoaquerts	Drainage Class: poorly drained	

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments
			Color	abundance/size/contrast		
0-15	10YR 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 (15%)	Status	% Cover	Herbaceous Stratum (85%)	Status	% Cover		
<i>Quercus garryana</i> *	UPL	100	<i>Taraxacum officinale</i> *	FACU	22		
			<i>Lolium perenne</i> *	FACU	60		
			<i>Trifolium repens</i>	FAC	15		
			<i>Aster sp.</i>	(FACU)	3		
Shrub Stratum (0%)	Status	% Cover					
			Woody Vine Stratum (0%)	Status	% Cover		

*Percent of dominant species FAC, FACW, or OBL: **0%** **Criteria Met: No**

Comments: _____

Determination: Upland



Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project: City of Eugene LWI	Number: 2762	Sample Site: AMA-6-81
Applicant: City of Eugene	County: Lane	Date: 10/1/2003
Investigators: SE/ME	Township: 18S Range: 4W Section: 1	

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

	<u>Primary Indicators</u>	<u>Secondary Indicators</u>
HYDROLOGY	Inundated	Ox. rhizospheres
	Sat. in Upper 12"	H2O-stained leaves
Depth of Surf. H2O Inches	Water Marks	Local Soil Survey
Depth to Free H2O >15 Inches	Drift Lines	FAC Neutral Test
Depth to Saturation >15 Inches	Sediment Deposits	Other
	Drainage patterns	Criteria Met: <input type="checkbox"/> No

SOILS	Mapped Series: Pengra-Urban land complex	Hydric Soil?: Yes	
	Classification: Vertic Epiacquolls	Drainage Class: somewhat poorly drained	

Depth (Inches)	Matrix Color	Soil Texture*	<u>Redox Concentrations</u>		<u>Other Hydric Soil Field Indicators</u>	<u>Comments</u>
			Color	abundance/size/contrast		
0-15	10YR 3/2	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 (15%)	Status	% Cover	Herbaceous Stratum (85%)	Status	% Cover		
<i>Pinus contorta</i> *	FAC	100	<i>Taraxacum officinale</i>	FACU	10		
			<i>Hypochaeris radicata</i> *	FACU	20		
			<i>Trifolium repens</i>	FAC	5		
			<i>Agrostis tenuis</i> *	FAC	63		
			<i>Aster sp.</i>	(FACU)	2		
Shrub Stratum (0%)	Status	% Cover					
			Woody Vine Stratum (0%)	Status	% Cover		

*Percent of dominant species FAC, FACW, or OBL: **67%** **Criteria Met: Yes**

Comments: Pit in mowed and maintained area in park. **Determination: Upland**



Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project: City of Eugene LWI		Number: 2762		Sample Site: AMA-6-82			
Applicant: City of Eugene		County: Lane		Date: 10/1/2003			
Investigators: SE/ME		Township: 18S		Range: 4W 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		<u>Primary Indicators</u>		<u>Secondary Indicators</u>			
		Inundated		Ox. rhizospheres Yes			
		Sat. in Upper 12"		H2O-stained leaves			
Depth of Surf. H2O Inches		Water Marks		Local Soil Survey			
Depth to Free H2O >15 Inches		Drift Lines		FAC Neutral Test			
Depth to Saturation >15 Inches		Sediment Deposits		Other _____			
		Drainage patterns Yes		Criteria Met: Yes			
SOILS		Mapped Series: Pengra-Urban land complex		Hydric Soil?: Yes			
		Classification: Vertic Epiaquolls		Drainage Class: somewhat poorly drained			
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments	
			Color	abundance/size/contrast			
0-3	10YR 3/2	SCL					
3-15	7.5YR 3/1	SCL	7.5YR 3/4	few, 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 (0%)		Status	% Cover	Herbaceous Stratum (100%)		Status	% Cover
				<i>Juncus effusus</i> *		FACW	25
				<i>Daucus carota</i>		UPL	2
				<i>Agrostis tenuis</i> *		FAC	63
				<i>Festuca arundinacea</i>		FAC-	10
Shrub Stratum (0%)		Status	% Cover	Woody Vine Stratum (0%)		Status	% Cover
*Percent of dominant species FAC, FACW, or OBL: 100%				Criteria Met: Yes			
Comments: Infrequently mowed area in park.		Determination: Wetland					



Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project: City of Eugene LWI		Number: 2762		Sample Site: AMA-6-83			
Applicant: City of Eugene		County: Lane		Date: 6/10/2003			
Investigators: PF/SE		Township: 18S		Range: 4W 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		<u>Primary Indicators</u>		<u>Secondary Indicators</u>			
		Inundated		Ox. rhizospheres Yes			
		Sat. in Upper 12"		H2O-stained leaves Yes			
Depth of Surf. H2O Inches		Water Marks		Local Soil Survey			
Depth to Free H2O >14 Inches		Drift Lines		FAC Neutral Test			
Depth to Saturation >14 Inches		Sediment Deposits		Other _____			
		Drainage patterns Yes		Criteria Met: Yes			
SOILS		Mapped Series: Pengra-Urban Land Complex		Hydric Soil?: Yes			
		Classification: Vertic Epiaquolls		Drainage Class: somewhat poorly drained			
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments	
			Color	abundance/size/contrast			
0-14	10YR 3/2	C	10YR 3/4	many/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 (0%)		Status	% Cover	Herbaceous Stratum (95%)		Status	% Cover
				<i>Deschampsia cespitosa*</i>		FACW	35
				<i>Microseris sp.*</i>		NOL	20
				<i>Ranunculus acris</i>		FACW-	15
				<i>Danthonia californica</i>		FACU	10
				<i>Festuca arundinacea</i>		FAC-	10
				<i>Juncus tenuis</i>		FACW-	5
Shrub Stratum (5%)		Status	% Cover	<i>Briza minor</i>		FAC	5
<i>Rosa sp.*</i>		(FAC)	100				
Woody Vine Stratum (0%)		Status	% Cover				
*Percent of dominant species FAC, FACW, or OBL: 67%						Criteria Met: Yes	
Comments: This area of park unmaintained in spring but mowed during summer or early fall.							
						Determination: Wetland	



Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project: City of Eugene LWI	Number: 2762	Sample Site: AMA-7-84
Applicant: City of Eugene	County: Lane	Date: 9/26/2003
Investigators: SE/ME	Township: 17S Range: 4W	Section: 36
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No
Is this an Atypical Situation? No		

	Primary Indicators	Secondary Indicators
HYDROLOGY	Inundated	Ox. rhizospheres
Depth of Surf. H2O Inches	Sat. in Upper 12" Yes	H2O-stained leaves
Depth to Free H2O >7 Inches	Water Marks	Local Soil Survey
Depth to Saturation 3 Inches	Drift Lines	FAC Neutral Test
	Sediment Deposits	Other
	Drainage patterns Yes	Criteria Met: Yes

SOILS	Mapped Series: Natroy-Urban land complex	Hydric Soil?: Yes			
	Classification: Xeric Endoaquerts	Drainage Class: poorly drained			
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations	Other Hydric Soil Field Indicators	Comments
			Color abundance/size/contrast		
0-3	2.5Y 3/1	SD			Peaty, high in organics Refusal at 7" due to dense sedimentary layers or bedrock
3-7	10Y 2.5/1	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	Herbaceous Stratum	(100%)	Status	% Cover
				<i>Scirpus microcarpus</i> *		OBL	25
				<i>Veronica americana</i> *		OBL	30
				<i>Ranunculus repens</i> *		FACW	20
				<i>Phalaris arundinacea</i>		FACW	8
				<i>Juncus effusus</i>		FACW	3
				<i>Solanum dulcamara</i>		FAC+	2
Shrub Stratum	(0%)	Status	% Cover	<i>Cirsium arvense</i>		FACU+	5
				<i>Phleum pratense</i>		FAC-	7
				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 Eugene LWI		Number: 2762		Sample Site: AMA-7-85			
Applicant: City of Eugene		County: Lane		Date: 9/26/2003			
Investigators: SE/ME		Township: 17S		Range: 4W 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		<u>Primary Indicators</u>		<u>Secondary Indicators</u>			
		Inundated		Ox. rhizospheres			
		Sat. in Upper 12"		H2O-stained leaves			
Depth of Surf. H2O Inches		Water Marks		Local Soil Survey			
Depth to Free H2O >15 Inches		Drift Lines		FAC Neutral Test			
Depth to Saturation >15 Inches		Sediment Deposits		Other _____			
		Drainage patterns		Criteria Met: No			
SOILS		Mapped Series: Natroy-Urban land complex		Hydric Soil?: Yes			
		Classification: Xeric Endoaquerts		Drainage Class: poorly drained			
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments	
0-4	2.5Y 3/3	SL	Color	abundance/size/contrast			
4-15	2.5Y 4/4	unconsolidated sandstone					
*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 (100%)		Status	% Cover
				<i>Festuca arundinacea</i> *		FAC-	30
				<i>Torilis arvensis</i>		UPL	10
				<i>Bromus mollis</i> *		UPL	25
				<i>Polypogon monspeliensis</i> *		FACW	20
				<i>Daucus carota</i>		UPL	5
				<i>Dactylis glomerata</i>		FACU	5
Shrub Stratum (0%)		Status	% Cover	<i>Tragopogon dubius</i>		UPL	5
				Woody Vine Stratum (0%)		Status	% Cover
*Percent of dominant species FAC, FACW, or OBL: 33%				Criteria Met: No			
Comments:						Determination: Upland	



Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project: City of Eugene LWI	Number: 2762	Sample Site: AMA-8-102
Applicant: City of Eugene	County: Lane	Date: 6/10/2003
Investigators: PF/SE	Township: 18S	Range: 3W Section: 7
Do Normal Circumstances exist on this site? Yes	Is the area a potential Problem Area? No	
Is this an Atypical Situation? No		

	Primary Indicators	Secondary Indicators
HYDROLOGY	Inundated	Ox. rhizospheres Yes
	Sat. in Upper 12" Yes	H2O-stained leaves
Depth of Surf. H2O Inches	Water Marks	Local Soil Survey
Depth to Free H2O >6 Inches	Drift Lines	FAC Neutral Test
Depth to Saturation 0 Inches	Sediment Deposits	Other
	Drainage patterns Yes	Criteria Met: Yes

SOILS		Mapped Series: Panther silty clay loam	Hydric Soil?: Yes		
		Classification: Typic Haplaquolls	Drainage Class: poorly drained		
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations	Other Hydric Soil Field Indicators	Comments
0-6	10YR 3/2	SCL	10YR 4/6 few/medium/faint		
6+	10Y 3/1	C	10YR 4/6 common/coarse/prominent		gleyed

*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	(100%)	Status	% Cover
				<i>Alopecurus pratensis</i> *		FACW	60
				<i>Poa trivialis</i> *		FACW	30
				<i>Festuca arundinacea</i>		FAC-	5
				<i>Rumex crispus</i>		FAC+	2
Shrub Stratum	(0%)	Status	% Cover	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 Eugene LWI		Number: 2762		Sample Site: AMA-8-103			
Applicant: City of Eugene		County: Lane		Date: 6/10/2003			
Investigators: PF/SE		Township: 18S		Range: 3W Section: 7			
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No					
Is this an Atypical Situation? No							
HYDROLOGY		<u>Primary Indicators</u>		<u>Secondary Indicators</u>			
		Inundated Sat. in Upper 12" Water Marks Yes Drift Lines Sediment Deposits Drainage patterns Yes		Ox. rhizospheres Yes H2O-stained leaves Local Soil Survey FAC Neutral Test Other Criteria Met: Yes			
SOILS		Mapped Series: Panther silty clay loam Classification: Typic Haplaquolls		Hydric Soil?: Yes Drainage Class: poorly drained			
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments	
			Color	abundance/size/contrast			
0-4	10YR 3/2	SC	10YR 3/6	many/medium/prominent			
4-10	10YR 3/2	SCL	7.5YR 2.5/3	common/medium/faint			
10-15	10YR 3/2	SC					
*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 (100%)		Status	% Cover
				<i>Cynosurus cristatus</i> *		UPL	20
				<i>Alopecurus geniculatus</i> *		OBL	25
				<i>Alopecurus pratensis</i> *		FACW	50
				<i>Juncus bufonius</i>		FACW	2
				<i>Ranunculus repens</i>		FACW	1
				<i>Trifolium dubium</i>		UPL	2
Shrub Stratum (0%)		Status	% Cover	Woody Vine Stratum (0%)		Status	% Cover
*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 Eugene LWI	Number: 2762	Sample Site: AMA-8-104
Applicant: City of Eugene	County: Lane	Date: 6/10/2003
Investigators: PF/SE	Township: 18S	Range: 3W Section: 7
Do Normal Circumstances exist on this site? Yes	Is the area a potential Problem Area? No	
Is this an Atypical Situation? No		

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

SOILS	Mapped Series: Panther silty clay loam	Hydric Soil?: Yes			
	Classification: Typic Haplaquolls	Drainage Class: poorly drained			
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations	Other Hydric Soil Field Indicators	Comments
0-14	10YR 3/3	SL	Color abundance/size/contrast		

*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	(100%)	Status	% Cover
				<i>Cynosurus cristatus*</i>		UPL	40
				<i>Trifolium dubium*</i>		UPL	30
				<i>Alopecurus pratensis</i>		FACW	10
				<i>Juncus bufonius</i>		FACW	5
				<i>Bellis perennis</i>		UPL	5
				<i>Trifolium repens</i>		FAC	5
Shrub Stratum	(0%)	Status	% Cover	<i>Parentucellia viscosa</i>		FAC-	3
				<i>Cerastium arvense</i>		FACU	2
				Woody Vine Stratum	(0%)	Status	% Cover

*Percent of dominant species FAC, FACW, or OBL: **0%**

Criteria Met: No

Comments:

Determination: Upland



Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project: City of Eugene LWI		Number: 2762		Sample Site: AMA-9-91	
Applicant: City of Eugene		County: Lane		Date: 8/29/2003	
Investigators: SE/CR		Township: 18S		Range: 3W 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		<u>Primary Indicators</u>		<u>Secondary Indicators</u>	
		Inundated Sat. in Upper 12" Water Marks Drift Lines Sediment Deposits Drainage patterns		Ox. rhizospheres H2O-stained leaves Local Soil Survey FAC Neutral Test Other	
Depth of Surf. H2O	Inches				
Depth to Free H2O	>12 Inches				
Depth to Saturation	>12 Inches				
				Criteria Met: No	
SOILS		Mapped Series: Bashaw-Urban land complex		Hydric Soil?: Yes	
		Classification: Xeric Endoaquerts		Drainage Class: poorly drained	
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators
			Color	abundance/size/contrast	Comments
0-12+	10YR 3/2	C			some sand
*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 (100%)	
				<i>Festuca arundinacea</i> * <i>Daucus carota</i> <i>Agrostis tenuis</i> * <i>Dactylis glomerata</i>	
				FAC- 45 UPL 5 FAC 40 FACU 10	
Shrub Stratum (0%)		Status	% Cover		
				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 Eugene LWI		Number: 2762		Sample Site: AMA-9-92			
Applicant: City of Eugene		County: Lane		Date: 8/29/2003			
Investigators: SE/CR		Township: 18S		Range: 3W 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		<u>Primary Indicators</u>		<u>Secondary Indicators</u>			
		Inundated Sat. in Upper 12" Water Marks Yes Drift Lines Sediment Deposits Yes Drainage patterns Yes		Ox. rhizospheres Yes H2O-stained leaves Local Soil Survey FAC Neutral Test Other Criteria Met: Yes			
SOILS		Mapped Series: Bashaw-Urban land complex		Hydric Soil?: Yes			
		Classification: Xeric Endoaquerts		Drainage Class: poorly drained			
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments	
			Color	abundance/size/contrast			
0-14	10YR 2/2	SL	10YR 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 (30%)		Status	% Cover	Herbaceous Stratum (40%)		Status	% Cover
<i>Fraxinus latifolia</i> *		FACW	100	<i>Camassia quamash</i> *		FACW	45
				<i>Juncus patens</i> *		FACW	20
				<i>Agrostis tenuis</i> *		FAC	20
				<i>Rumex crispus</i>		FAC+	10
				<i>Epilobium watsonii</i>		FACW-	5
Shrub Stratum (20%)		Status	% Cover	Woody Vine Stratum (10%)		Status	% Cover
<i>Crataegus monogyna</i>		FACU+	17	<i>Rubus discolor</i> *		FACU	100
<i>Symphoricarpos albus</i> *		FACU	33				
<i>Fraxinus latifolia</i> *		FACW	33				
<i>Crataegus douglasii</i>		FAC	17				
*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 Eugene LWI	Number: 2762	Sample Site: AMA-9-97
Applicant: City of Eugene	County: Lane	Date: 8/29/2003
Investigators: SE/CR	Township: 18S Range: 3W	Section: 5
Do Normal Circumstances exist on this site? Yes	Is the area a potential Problem Area? No	
Is this an Atypical Situation? No		

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

SOILS		Mapped Series: Bashaw clay	Hydric Soil?: Yes		
		Classification: Xeric Endoaquerts	Drainage Class: poorly drained		
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations	Other Hydric Soil Field Indicators	Comments
			Color abundance/size/contrast		
0-14	10YR 2/2	SCL	10YR 3/3 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	(0%)	Status	% Cover	Herbaceous Stratum	(100%)	Status	% Cover
				<i>Deschampsia cespitosa*</i>		FACW	35
				<i>Agrostis tenuis</i>		FAC	10
				<i>Agrostis stolonifera*</i>		FAC	20
				<i>Juncus tenuis*</i>		FACW-	20
				<i>Holcus lanatus</i>		FAC	10
				<i>Alopecurus pratensis</i>		FACW	5
Shrub Stratum	(0%)	Status	% Cover	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 Eugene LWI	Number: 2762	Sample Site: AMA-9-98
Applicant: City of Eugene	County: Lane	Date: 8/29/2003
Investigators: SE/CR	Township: 18S Range: 3W	Section: 5
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No
Is this an Atypical Situation? No		

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

SOILS		Mapped Series: Bashaw clay	Hydric Soil?: Yes		
		Classification: Xeric Endoaquerts	Drainage Class: poorly drained		
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations	Other Hydric Soil Field Indicators	Comments
			Color		
			abundance/size/contrast		
0-9	10YR 2/2	C			cobble and gravel throughout
9-14	10YR 2/2	C	10YR 3/4	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	Herbaceous Stratum	(100%)	Status	% Cover
				<i>Festuca arundinacea</i> *		FAC-	87
				<i>Daucus carota</i>		UPL	10
				<i>Hypochaeris radicata</i>		FACU	3
Shrub Stratum	(0%)	Status	% Cover				
				Woody Vine Stratum	(0%)	Status	% Cover

*Percent of dominant species FAC, FACW, or OBL: **0%**

Criteria Met: **No**

Comments:

Determination: **Upland**



Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	City of Eugene LWI	Number:	2762	Sample Site:	AMA-7-99		
Applicant:	City of Eugene	County:	Lane	Date:	8/26/2003		
Investigators:	SE/ME	Township:	18S	Range:	3W	Section:	5
Do Normal Circumstances exist on this site?		Yes		Is the area a potential Problem Area?		No	
Is this an Atypical Situation?		No					

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

SOILS		Mapped Series: Bashaw clay		Hydric Soil?: Yes		
		Classification: Xeric Endoaquerts		Drainage Class: poorly drained		
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments
			Color	abundance/size/contrast		
0-16	10YR 3/1	C				

*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	(100%)	Status	% Cover
				<i>Festuca arundinacea</i> *		FAC-	25
				<i>Daucus carota</i> *		UPL	15
				<i>Agrostis tenuis</i> *		FAC	15
				<i>Taeniatherum caput-medusae</i> *		UPL	15
				<i>Cynosurus cristatus</i>		UPL	10
				<i>Prunella vulgaris</i>		FACU+	5
Shrub Stratum	(0%)	Status	% Cover	<i>Holcus lanatus</i>		FAC	5
				<i>Centaurium umbellatum</i>		FAC	5
				Woody Vine Stratum	(0%)	Status	% Cover

*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 Eugene LWI	Number: 2762	Sample Site: AMA-7-100
Applicant: City of Eugene	County: Lane	Date: 8/26/2003
Investigators: SE/ME	Township: 18S	Range: 3W Section: 5
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No
Is this an Atypical Situation? No		

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

SOILS		Mapped Series: Bashaw clay	Hydric Soil?: Yes		
		Classification: Xeric Endoaquerts	Drainage Class: poorly drained		
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations	Other Hydric Soil Field Indicators	Comments
			Color abundance/size/contrast		
0-3	10YR 3/2	CL			
3-12+	10YR 3/1	C	10YR 4/6 few/fine/prominent		

*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	(15%)	Status	% Cover
				<i>Phalaris arundinacea</i> *		FACW	22
				<i>Juncus tenuis</i> *		FACW-	20
				<i>Alopecurus pratensis</i> *		FACW	15
				<i>Juncus effusus</i> *		FACW	15
				<i>Holcus lanatus</i>		FAC	10
				<i>Equisetum arvense</i>		FAC	5
Shrub Stratum	(85%)	Status	% Cover	<i>Cynosurus cristatus</i>		UPL	5
<i>Salix scouleriana</i> *		FAC	100	<i>Trifolium pratense</i>		FACU	5
				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 Eugene LWI	Number: 2762	Sample Site: AMA-10-88
Applicant: City of Eugene	County: Lane	Date: 8/29/2003
Investigators: SE/CR	Township: 18S Range: 3W	Section: 6
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No
Is this an Atypical Situation? No		

	<u>Primary Indicators</u>	<u>Secondary Indicators</u>
HYDROLOGY	Inundated	Ox. rhizospheres Yes
	Sat. in Upper 12"	H2O-stained leaves
Depth of Surf. H2O Inches	Water Marks	Local Soil Survey
Depth to Free H2O >15 Inches	Drift Lines Yes	FAC Neutral Test
Depth to Saturation >15 Inches	Sediment Deposits Yes	Other
	Drainage patterns Yes	Criteria Met: Yes

SOILS	Mapped Series: Bashaw-Urban land complex	Hydric Soil?: Yes			
	Classification: Xeric Endoaquerts	Drainage Class: poorly drained			
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations	Other Hydric Soil Field Indicators	Comments
0-9	10YR 3/2	SCL			
9-15+	10YR 3/1	C	10YR 3/4	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	(35%)	Status	% Cover	Herbaceous Stratum	(35%)	Status	% Cover
<i>Fraxinus latifolia</i> *		FACW	100	<i>Juncus patens</i> *		FACW	60
				<i>Agrostis stolonifera</i> *		FAC	35
				<i>Geum macrophyllum</i>		FACW-	5
Shrub Stratum	(30%)	Status	% Cover	Woody Vine Stratum	(0%)	Status	% Cover
<i>Fraxinus latifolia</i> *		FACW	55				
<i>Crataegus monogyna</i>		FACU+	5				
<i>Crataegus douglasii</i>		FAC	5				
<i>Rosa eglanteria</i> *		FACW	35				

*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 Eugene LWI	Number: 2762	Sample Site: AMA-10-89
Applicant: City of Eugene	County: Lane	Date: 8/29/2003
Investigators: SE/CR	Township: 18S Range: 3W Section: 5	

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

	<u>Primary Indicators</u>	<u>Secondary Indicators</u>
HYDROLOGY	Inundated	Ox. rhizospheres
	Sat. in Upper 12"	H2O-stained leaves
Depth of Surf. H2O Inches	Water Marks	Local Soil Survey
Depth to Free H2O >8 Inches	Drift Lines	FAC Neutral Test
Depth to Saturation >8 Inches	Sediment Deposits	Other
	Drainage patterns	Criteria Met: No

SOILS **Mapped Series:** Bashaw-Urban land complex **Hydric Soil?:** **Yes**
Classification: Xeric Endoaquerts **Drainage Class:** **poorly drained**

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments
			Color	abundance/size/contrast		
0-8	10YR 3/3	SL				refused at 8 inches due to compaction/rock

*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	(100%)	Status	% Cover
				<i>Hypochaeris radicata</i> *		FACU	20
				<i>Crepis setosa</i> *		FACU	20
				<i>Trifolium repens</i>		FAC	10
				<i>Festuca arundinacea</i> *		FAC-	20
				<i>Taraxacum officinale</i>		FACU	10
				<i>Agrostis tenuis</i>		FAC	10
Shrub Stratum	(0%)	Status	% Cover	<i>Poa annua</i>		FAC	10
				Woody Vine Stratum	(0%)	Status	% Cover

***Percent of dominant species FAC, FACW, or OBL:** **0%** **Criteria Met: No**

Comments: Mowed area in park. **Determination: Upland**



Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project: City of Eugene LWI	Number: 2762	Sample Site: AMA-10-90
Applicant: City of Eugene	County: Lane	Date: 8/29/2003
Investigators: SE/CR	Township: 18S Range: 3W Section: 5	
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No
Is this an Atypical Situation? No		

	<u>Primary Indicators</u>	<u>Secondary Indicators</u>
HYDROLOGY	Inundated	Ox. rhizospheres yes
	Sat. in Upper 12"	H2O-stained leaves
Depth of Surf. H2O Inches	Water Marks	Local Soil Survey
Depth to Free H2O >8 Inches	Drift Lines	FAC Neutral Test
Depth to Saturation >8 Inches	Sediment Deposits	Other _____
	Drainage patterns yes	Criteria Met: Yes

SOILS	Mapped Series: Bashaw-Urban land complex	Hydric Soil?: Yes			
	Classification: Xeric Endoaquerts	Drainage Class: poorly drained			
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations	Other Hydric Soil Field Indicators	Comments
0-8	10YR 3/2	SL	10YR 3/4 common, medium, prominent		refused at 8 inches due to compaction/rock

*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	(100%)	Status	% Cover
				<i>Alopecurus pratensis</i> *		FACW	40
				<i>Mentha pulegium</i> *		OBL	20
				<i>Agrostis tenuis</i> *		FAC	20
				<i>Convolvulus arvensis</i>		UPL	15
				<i>Crepis setosa</i>		FACU	5
Shrub Stratum	(0%)	Status	% Cover	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 Eugene LWI		Number: 2762		Sample Site: AMA-11-93			
Applicant: City of Eugene		County: Lane		Date: 8/29/2003			
Investigators: SE/CR		Township: 18S		Range: 3W Section: 5			
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No					
Is this an Atypical Situation? No							
HYDROLOGY		<u>Primary Indicators</u>		<u>Secondary Indicators</u>			
		Inundated		Ox. rhizospheres			
		Sat. in Upper 12"		H2O-stained leaves			
Depth of Surf. H2O Inches		Water Marks		Local Soil Survey			
Depth to Free H2O >12 Inches		Drift Lines		FAC Neutral Test			
Depth to Saturation >12 Inches		Sediment Deposits		Other			
		Drainage patterns		Criteria Met: No			
SOILS		Mapped Series: Bashaw clay		Hydric Soil?: Yes			
		Classification: Xeric Endoaquerts		Drainage Class: poorly drained			
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments	
0-12	10YR 3/2	C	Color	abundance/size/contrast		40%	
0-12	10YR 3/1	C				60%	
*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 (100%)		Status	% Cover
				<i>Festuca arundinacea</i> *		FAC-	90
				<i>Daucus carota</i>		UPL	10
Shrub Stratum (0%)		Status	% Cover				
				Woody Vine Stratum (0%)		Status	% Cover
*Percent of dominant species FAC, FACW, or OBL: 0%				Criteria Met: No			
Comments: In raised area along stormwater or sewer line. Soils somewhat mixed, included cobble.							
						Determination: Upland	



Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project: City of Eugene LWI	Number: 2762	Sample Site: AMA-11-94
Applicant: City of Eugene	County: Lane	Date: 8/29/2003
Investigators: SE/CR	Township: 18S Range: 3W	Section: 5
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No
Is this an Atypical Situation? No		

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

SOILS	Mapped Series: Bashaw clay	Hydric Soil?: Yes			
	Classification: Xeric Endoaquerts	Drainage Class: poorly drained			
Depth (Inches)	Matrix Color	Soil Texture*	<u>Redox Concentrations</u>	<u>Other Hydric Soil Field Indicators</u>	<u>Comments</u>
0-14	10YR 3/2	SCL	5YR 3/3 common, medium, prominent		

*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	(100%)	Status	% Cover
				<i>Deschampsia cespitosa</i> *		FACW	60
				<i>Agrostis stolonifera</i> *		FAC	20
				<i>Beckmannia syzigachne</i>		OBL	10
				<i>Grindelia integrifolia</i>		FACW	5
				<i>Parentucellia viscosa</i>		FAC-	5
Shrub Stratum	(0%)	Status	% Cover	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 Eugene LWI		Number: 2762		Sample Site: AMA-12-101		
Applicant: City of Eugene		County: Lane		Date: 10/1/2003		
Investigators: SE/ME		Township: 18S		Range: 3W Section: 5		
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No				
Is this an Atypical Situation? No						
HYDROLOGY		<u>Primary Indicators</u>		<u>Secondary Indicators</u>		
		Inundated Sat. in Upper 12" Water Marks Drift Lines Sediment Deposits Drainage patterns		Ox. rhizospheres H2O-stained leaves Local Soil Survey FAC Neutral Test Other		
Depth of Surf. H2O	Inches					
Depth to Free H2O	>16 Inches					
Depth to Saturation	>16 Inches					
		Yes		Criteria Met: Yes		
SOILS		Mapped Series: Bashaw clay		Hydric Soil?: Yes		
		Classification: Xeric Endoaquerts		Drainage Class: poorly drained		
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments
			Color	abundance/size/contrast		
0-16	10YR 3/1	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 (30%)		Status	% Cover	Herbaceous Stratum (40%)		Status % Cover
<i>Fraxinus latifolia</i> *		FACW	75	<i>Galium aparine</i>		FACU 5
<i>Pyrus communis</i> *		NOL	25	<i>Dactylis glomerata</i> *		FACU 10
				<i>Juncus tenuis</i> *		FACW- 18
				<i>Camassia quamash</i> *		FACW 17
				<i>Bare ground</i>		50
Shrub Stratum (25%)		Status	% Cover			
<i>Crataegus monogyna</i> *		FACU+	40			
<i>Amelanchier alnifolia</i>		FACU	10	Woody Vine Stratum (5%)		Status % Cover
<i>Rosa nutkana</i> *		FAC	50	<i>Rubus discolor</i> *		FACU 100
*Percent of dominant species FAC, FACW, or OBL: 50%						Criteria Met: No
Comments: Wetland AMA-12 is a mosaic:60% wetland, 40% upland. Deep mud cracks indicate this area apparently is very wet at times. Upland species suggest this area dries out early in the growing season.						
Determination: Wetland						



Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project: City of Eugene LWI	Number: 2762	Sample Site: AMA-13-106
Applicant: City of Eugene	County: Lane	Date: 10/17/2003
Investigators: SE/ME	Township: 18S Range: 3W	Section: 19
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No
Is this an Atypical Situation? No		

	<u>Primary Indicators</u>	<u>Secondary Indicators</u>
HYDROLOGY	Inundated	Ox. rhizospheres
	Sat. in Upper 12"	H2O-stained leaves
Depth of Surf. H2O Inches	Water Marks	Local Soil Survey
Depth to Free H2O >15 Inches	Drift Lines	FAC Neutral Test
Depth to Saturation >15 Inches	Sediment Deposits	Other _____
	Drainage patterns	Criteria Met: No

SOILS	Mapped Series: Dixonville-Philomath-Hazelair	Hydric Soil?: No	
	Classification: N/A	Drainage Class: well/moderately well drained	

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments
			Color	abundance/size/contrast		
0-15	10YR 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 (70%)	Status	% Cover	Herbaceous Stratum (30%)	Status	% Cover		
<i>Pseudotsuga menziesii</i> *	FACU	70	<i>Polystichum munitum</i> *	FACU	60		
<i>Fraxinus latifolia</i> *	FACW	30	<i>Dactylis glomerata</i> *	FACU	20		
			<i>Bromus inermis</i> *	UPL	20		
Shrub Stratum (0%)	Status	% Cover					
			Woody Vine Stratum (0%)	Status	% Cover		

*Percent of dominant species FAC, FACW, or OBL: **20%** **Criteria Met: No**

Comments: The wetland is a mosaic of 60% wetland and 40% upland.

Determination: Upland



Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project: City of Eugene LWI	Number: 2762	Sample Site: AMA-16-95
Applicant: City of Eugene	County: Lane	Date: 10/1/2003
Investigators: SE/ME	Township: 18S Range: 3W	Section: 5

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

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

SOILS Mapped Series: **Bashaw clay** Hydric Soil?: **Yes**
 Classification: **Xeric Endoaquerts** Drainage Class: **poorly drained**

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments
			Color	abundance/size/contrast		
0-16	10YR 3/1	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	Herbaceous Stratum	(100%)	Status	% Cover
				<i>Taraxacum officinale</i>		FACU	5
				<i>Festuca arundinacea*</i>		FAC-	80
				<i>Agrostis tenuis</i>		FAC	15
Shrub Stratum	(0%)	Status	% Cover				
				Woody Vine Stratum	(0%)	Status	% Cover

*Percent of dominant species FAC, FACW, or OBL: **0%** Criteria Met: No

Comments: **Infrequently mowed lot.** Determination: **Upland**



Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project: City of Eugene LWI	Number: 2762	Sample Site: AMA-16-96
Applicant: City of Eugene	County: Lane	Date: 10/1/2003
Investigators: SE/ME	Township: 18S Range: 3W	Section: 5
Do Normal Circumstances exist on this site?	Yes	Is the area a potential Problem Area?
Is this an Atypical Situation?	No	No

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

SOILS		Mapped Series: Bashaw clay	Hydric Soil?: Yes		
		Classification: Xeric Endoaquerts	Drainage Class: poorly drained		
Depth (Inches)	Matrix Color	Soil Texture*	<u>Redox Concentrations</u>	<u>Other Hydric Soil Field Indicators</u>	<u>Comments</u>
0-16	10YR 3/1	CL	Color abundance/size/contrast		

*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	(100%)	Status	% Cover
				<i>Juncus tenuis</i> *		FACW-	20
				<i>Grindelia integrifolia</i> *		FACW	55
				<i>Gnaphalium palustre</i>		FAC+	10
				<i>Prunella vulgaris</i>		FACU+	3
				<i>Carex sp.</i>		(FACW)	10
				<i>Epilobium watsonii</i>		FACW-	2
Shrub Stratum	(0%)	Status	% Cover	Woody Vine Stratum	(0%)	Status	% Cover

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

Criteria Met: **Yes**

Comments: Infrequently mowed lot. Pit in typical topographic low area.

Determination: **Wetland**



Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project: City of Eugene LWI	Number: 2762	Sample Site: BD-3-29
Applicant: City of Eugene	County: Lane	Date: 7/10/2003
Investigators: PF/ME	Township: 17S	Range: 3W Section: 20
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No
Is this an Atypical Situation? No		

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

SOILS	Mapped Series: Awbrig silty clay loam	Hydric Soil?: Yes	
	Classification: Vertic Albaqualfs	Drainage Class: poorly drained	

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

*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	(100%)	Status	% Cover
				<i>Alopecurus pratensis</i> *		FACW	90
				<i>Eryngium petiolatum</i>		OBL	10
Shrub Stratum	(0%)	Status	% Cover				
				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 Eugene LWI	Number: 2762	Sample Site: BD-3-30
Applicant: City of Eugene	County: Lane	Date: 7/10/2003
Investigators: PF/ME	Township: 17S	Range: 3W Section: 20
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No
Is this an Atypical Situation? No		

	<u>Primary Indicators</u>	<u>Secondary Indicators</u>
HYDROLOGY	Inundated	Ox. rhizospheres
	Sat. in Upper 12"	H2O-stained leaves
Depth of Surf. H2O Inches	Water Marks	Local Soil Survey
Depth to Free H2O >15 Inches	Drift Lines	FAC Neutral Test
Depth to Saturation >15 Inches	Sediment Deposits	Other
	Drainage patterns	Criteria Met: No

SOILS		Mapped Series: Awbrig silty clay loam	Hydric Soil?: Yes		
		Classification: Vertic Albaqualfs	Drainage Class: poorly drained		
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations	Other Hydric Soil Field Indicators	Comments
			Color abundance/size/contrast		
0-15	10YR 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	Herbaceous Stratum	(100%)	Status	% Cover
				<i>Alopecurus pratensis</i> *		FACW	75
				<i>Rosa sp. (seedlings)</i>		(FAC)	10
				<i>Madia sativa</i>		UPL	10
				<i>Cirsium arvense</i>		FACU+	5
Shrub Stratum	(0%)	Status	% Cover				
				Woody Vine Stratum	(0%)	Status	% Cover

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

Criteria Met: Yes

Comments: **Mowed area.**

Determination: Upland



Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project: City of Eugene LWI	Number: 2762	Sample Site: BD-3-31
Applicant: City of Eugene	County: Lane	Date: 7/10/2003
Investigators: PF/ME	Township: 17S	Range: 4W Section: 20
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No
Is this an Atypical Situation? No		

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

SOILS	Mapped Series: Awbrig silty clay loam	Hydric Soil?: Yes	
	Classification: Vertic Albaqualfs	Drainage Class: poorly drained	

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments
			Color	abundance/size/contrast		
0-16	10YR 3/2	SL	10YR 3/4	many/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	(0%)	Status	% Cover	Herbaceous Stratum	(100%)	Status	% Cover
				<i>Alopecurus pratensis</i> *		FACW	25
				<i>Agrostis tenuis</i> *		FAC	25
				<i>Epilobium densiflorum</i> *		FACW-	15
				<i>Juncus ensifolius</i>		FACW	10
				<i>Madia sativa</i>		UPL	10
				<i>Navarretia intertexta</i>		FACW	5
Shrub Stratum	(0%)	Status	% Cover	<i>Hypochaeris radicata</i>		FACU	5
				<i>Carex arcta</i>		OBL	5
				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 Eugene LWI	Number: 2762	Sample Site: BD-4-32
Applicant: City of Eugene	County: Lane	Date: 7/23/2003
Investigators: PF/JVS	Township: 17S Range: 4W	Section: 20
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No
Is this an Atypical Situation? No		

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

SOILS	Mapped Series: Natroy silty clay loam	Hydric Soil?: Yes			
	Classification: Xeric Endoaquerts	Drainage Class: poorly drained			
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations	Other Hydric Soil Field Indicators	Comments
0-10	10YR 3/2	SL	7.5Y 6/8		
10-16	10YR 3/1	Loamy Clay	7.5YR 5/4		

*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	(100%)	Status	% Cover
				<i>Lolium perenne</i> *		FACU	100
Shrub Stratum	(0%)	Status	% Cover	Woody Vine Stratum	(0%)	Status	% Cover

*Percent of dominant species FAC, FACW, or OBL: **0%** **Criteria Met:** **No**

Comments: Pit taken in an agricultural field planted with *Lolium perenne*. Although it does not meet vegetation criteria, it is believed to be wetland based on the presence of wetland hydrology and soils.

Determination: **Wetland**



Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	City of Eugene LWI	Number:	2762	Sample Site	BD-4-33
Applicant:	City of Eugene	County:	Lane	Date:	7/23/2003
Investigators:	PF/JVS	Township:	17S	Range:	4W
				Section:	20
Do Normal Circumstances exist on this site?		Yes		Is the area a potential Problem Area?	
Is this an Atypical Situation?		No		No	

	Primary Indicators	Secondary Indicators
HYDROLOGY	Inundated	Ox. rhizospheres
	Sat. in Upper 12"	H2O-stained leaves
Depth of Surf. H2O Inches	Water Marks	Local Soil Survey
Depth to Free H2O >15 Inches	Drift Lines	FAC Neutral Test
Depth to Saturation >15 Inches	Sediment Deposits	Other
	Drainage patterns	Criteria Met: No

SOILS		Mapped Series: Natroy silty clay loam		Hydric Soil?: Yes		
		Classification: Xeric Endoaquerts		Drainage Class: poorly drained		
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments
			Color	abundance/size/contrast		
0-15	10YR 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	Herbaceous Stratum	(100%)	Status	% Cover
				<i>Vulpia myuros</i> *		FAC	40
				<i>Cirsium vulgare</i> *		FACU	20
				<i>Lactuca serriola</i> *		FACU	20
				<i>Sonchus asper</i>		FAC-	10
				<i>Hordeum brachyantherum</i>		FACW-	10
Shrub Stratum	(0%)	Status	% Cover				
				Woody Vine Stratum	(0%)	Status	% Cover

*Percent of dominant species FAC, FACW, or OBL: 33%

Criteria Met: No

Comments:

Determination: Upland



Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project: City of Eugene LWI	Number: 2762	Sample Site: BD-4-34
Applicant: City of Eugene	County: Lane	Date: 7/23/2003
Investigators: PF/JVS	Township: 17S	Range: 4W Section: 20
Do Normal Circumstances exist on this site? Yes	Is the area a potential Problem Area? No	
Is this an Atypical Situation? No		

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

SOILS	Mapped Series: Natroy silty clay loam	Hydric Soil?: Yes			
	Classification: Xeric Endoaquerts	Drainage Class: poorly drained			
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations	Other Hydric Soil Field Indicators	Comments
			Color abundance/size/contrast		
0-14	7.5YR 3/2	SCL	7.5YR 4/6 few/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 (0%)	Status	% Cover	Herbaceous Stratum (95%)	Status	% Cover	
			<i>Hordeum brachyantherum*</i>	FACW-	60	
			<i>Vulpia myuros*</i>	FAC	20	
			<i>Epilobium watsonii</i>	FACW-	15	
			<i>Sonchus asper</i>	FAC-	5	
Shrub Stratum (5%)	Status	% Cover				
<i>Fraxinus latifolia*</i>	FACW	100				
			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 Eugene LWI	Number: 2762	Sample Site: BD-4-35
Applicant: City of Eugene	County: Lane	Date: 7/23/2003
Investigators: PF/JVS	Township: 17S	Range: 4W Section: 20
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No
Is this an Atypical Situation? No		

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

SOILS	Mapped Series: Natroy silty clay loam	Hydric Soil?: Yes			
	Classification: Xeric Endoaquerts	Drainage Class: poorly drained.			
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations	Other Hydric Soil Field Indicators	Comments
0-14	7.5YR 3/1	C	7.5YR 4/6 few/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 (60%)	Status	% Cover	Herbaceous Stratum (30%)	Status	% Cover		
<i>Fraxinus latifolia</i> *	FACW	100	<i>Carex obnupta</i> *	OBL	60		
			<i>Poa trivialis</i> *	FACW	40		
Shrub Stratum (10%)	Status	% Cover					
<i>Fraxinus latifolia</i> *	FACW	100					
			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 Eugene LWI	Number: 2762	Sample Site: BD-9-38
Applicant: City of Eugene	County: Lane	Date: 7/16/2003
Investigators: PF/CR	Township: 17S	Range: 4W Section: 29
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No
Is this an Atypical Situation? No		

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

SOILS	Mapped Series: Holcomb silty clay loam	Hydric Soil?: No	
	Classification: Mollic Albaqualfs	Drainage Class: somewhat poorly drained	

Depth (Inches)	Matrix Color	Soil Texture*	<u>Redox Concentrations</u>		Other Hydric Soil Field Indicators	Comments
			Color	abundance/size/contrast		
0-16	10YR 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	(0%)	Status	% Cover	Herbaceous Stratum	(100%)	Status	% Cover
				<i>Crepis setosa</i> *		FACU	50
				<i>Juncus bufonius</i> *		FACW	20
				<i>Lolium perenne</i> *		FACU	20
				<i>Cirsium vulgare</i>		FACU	5
				<i>Gnaphalium palustre</i>		FAC+	5
Shrub Stratum	(0%)	Status	% Cover	Woody Vine Stratum	(0%)	Status	% Cover

*Percent of dominant species FAC, FACW, or OBL: **33%** **Criteria Met: No**

Comments:

Determination: Upland



Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project: City of Eugene LWI	Number: 2762	Sample Site: BD-9-39
Applicant: City of Eugene	County: Lane	Date: 7/16/2003
Investigators: PF/CR	Township: 17S	Range: 4W Section: 29
Do Normal Circumstances exist on this site?	Yes	Is the area a potential Problem Area?
Is this an Atypical Situation?	No	No

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

SOILS	Mapped Series: Dayton silt loam	Hydric Soil?: Yes			
	Classification: Typic Albaqualfs	Drainage Class: poorly drained			
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations	Other Hydric Soil Field Indicators	Comments
0-16	7.5YR 3/2	SCL	5Y 5/8 common/medium/prominent		

*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	(100%)	Status	% Cover
				<i>Alopecurus geniculatus</i> *		OBL	20
				<i>Alopecurus pratensis</i> *		FACW	30
				<i>Rumex crispus</i> *		FAC+	18
				<i>Agropyron repens</i>		FAC-	15
				<i>Sonchus asper</i>		FAC-	10
				<i>Epilobium densiflorum</i>		FACW-	7
Shrub Stratum	(0%)	Status	% Cover	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 Eugene LWI	Number:	2762	Sample Site	BD-9-40
Applicant:	City of Eugene	County:	Lane	Date:	7/16/2003
Investigators:	PF/CR	Township:	17S	Range:	4W
		Section:			29
Do Normal Circumstances exist on this site?		Yes		Is the area a potential Problem Area?	
		No		No	
Is this an Atypical Situation?		No			

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

SOILS		Mapped Series: Holcomb silty clay loam		Hydric Soil?: No		
		Classification: Mollic Albaqualfs		Drainage Class: somewhat poorly drained		
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments
			Color	abundance/size/contrast		
0-16	10YR 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	(0%)	Status	% Cover	Herbaceous Stratum	(100%)	Status	% Cover
				<i>Crepis setosa</i> *		FACU	20
				<i>Cirsium vulgare</i> *		FACU	20
				<i>Gnaphalium palustre</i> *		FAC+	20
				<i>Daucus carota</i>		UPL	15
				<i>Lactuca serriola</i>		FACU	10
				<i>Juncus bufonius</i>		FACW	15
Shrub Stratum	(0%)	Status	% Cover	Woody Vine Stratum	(0%)	Status	% Cover

*Percent of dominant species FAC, FACW, or OBL: 33% **Criteria Met:** No

Comments: _____

Determination: Upland



Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project: City of Eugene LWI	Number: 2762	Sample Site: BD-9-41
Applicant: City of Eugene	County: Lane	Date: 7/16/2003
Investigators: PF/CR	Township: 17S Range: 4W	Section: 29
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No
Is this an Atypical Situation? No		

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

SOILS	Mapped Series: Dayton silt loam	Hydric Soil?: Yes
	Classification: Typic Albaqualfs	Drainage Class: poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments
			Color	abundance/size/contrast		
0-16	7.5YR 3/2	SCL	7.5YR 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	(0%)	Status	% Cover	Herbaceous Stratum	(100%)	Status	% Cover
				<i>Rorippa curvisiliqua</i> *		OBL	35
				<i>Plagiobothrys figuratus</i> *		FACW	30
				<i>Gnaphalium palustre</i> *		FAC+	20
				<i>Downingia elegans</i>		OBL	10
				<i>Boisduvalia densiflora</i>		FACW-	5
Shrub Stratum	(0%)	Status	% Cover				
				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 Eugene LWI		Number: 2762		Sample Site: BD-9-42		
Applicant: City of Eugene		County: Lane		Date: 7/16/2003		
Investigators: PF/CR		Township: 17S		Range: 4W Section: 29		
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No				
Is this an Atypical Situation? No						
HYDROLOGY		<u>Primary Indicators</u>		<u>Secondary Indicators</u>		
		Inundated		Ox. rhizospheres Yes		
		Sat. in Upper 12"		H2O-stained leaves Yes		
Depth of Surf. H2O Inches		Water Marks		Local Soil Survey		
Depth to Free H2O >14 Inches		Drift Lines		FAC Neutral Test		
Depth to Saturation >14 Inches		Sediment Deposits		Other		
		Drainage patterns Yes		Criteria Met: Yes		
SOILS		Mapped Series: Dayton silt loam		Hydric Soil?: Yes		
		Classification: Typic Albaqualfs		Drainage Class: poorly drained		
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments
			Color	abundance/size/contrast		
0-6	7.5YR 3/2	SCL	7.5YR 4/6	common/medium/distinct		
6-16	7.5YR 3/1	C				
*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 (100%)		Status % Cover
				<i>Alopecurus geniculatus*</i>		OBL 20
				<i>Eleocharis palustris*</i>		OBL 10
				<i>Juncus oxymeris*</i>		FACW+ 10
				<i>Rorippa curvisiliqua*</i>		OBL 10
				<i>Beckmannia syzigachne*</i>		OBL 10
				<i>Epilobium densiflorum</i>		FACW- 5
Shrub Stratum (0%)		Status	% Cover	<i>Mentha pulegium</i>		OBL 5
				<i>Downingia elegans</i>		OBL 5
				Woody Vine Stratum (0%)		Status % Cover
*Percent of dominant species FAC, FACW, or OBL: 100%				Criteria Met: Yes		
Comments:		Other vegetation (5% each): <i>Hordeum geniculatum</i> , <i>Deschampsia cespitosa</i> , <i>Juncus tenuis</i> , <i>Lotus purshiana</i>				Determination: Wetland



Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project: City of Eugene LWI		Number: 2762		Sample Site: BD-9-43		
Applicant: City of Eugene		County: Lane		Date: 7/16/2003		
Investigators: PF/CR		Township: 17S Range: 4W		Section: 29		
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No				
Is this an Atypical Situation? No						
HYDROLOGY		<u>Primary Indicators</u>		<u>Secondary Indicators</u>		
		Inundated		Ox. rhizospheres Yes		
		Sat. in Upper 12"		H2O-stained leaves		
Depth of Surf. H2O Inches		Water Marks Yes		Local Soil Survey		
Depth to Free H2O >16 Inches		Drift Lines		FAC Neutral Test		
Depth to Saturation >16 Inches		Sediment Deposits		Other _____		
		Drainage patterns		Criteria Met: Yes		
SOILS		Mapped Series: Holcomb silty clay loam		Hydric Soil?: No		
		Classification: Mollic Albaqualfs		Drainage Class: somewhat poorly drained		
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments
			Color	abundance/size/contrast		
0-16	10YR 3/2	SL	10YR 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 (0%)		Status	% Cover	Herbaceous Stratum (100%)		Status % Cover
				<i>Plagiobothrys figuratus*</i>		FACW 30
				<i>Gnaphalium palustre*</i>		FAC+ 20
				<i>Alopecurus geniculatus*</i>		OBL 20
				<i>Rorippa curvisiliqua*</i>		OBL 20
				<i>Mentha pulegium</i>		OBL 5
				<i>Bidens cernua</i>		FACW+ 5
Shrub Stratum (0%)		Status	% Cover	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 Eugene LWI	Number: 2762	Sample Site: BD-9-44
Applicant: City of Eugene	County: Lane	Date: 7/16/2003
Investigators: PF/CR	Township: 17S Range: 4W Section: 29	
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No
Is this an Atypical Situation? No		

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

SOILS	Mapped Series: Holcomb silty clay loam	Hydric Soil?: No
	Classification: Mollic Albaqualfs	Drainage Class: somewhat poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments
			Color	abundance/size/contrast		
0-14	7.5YR 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	Herbaceous Stratum	(100%)	Status	% Cover
				<i>Juncus bufonius</i> *		FACW	40
				<i>Lolium perenne</i> *		FACU	20
				<i>Hypochaeris radicata</i> *		FACU	20
				<i>Gnaphalium palustre</i> *		FAC+	20
Shrub Stratum	(0%)	Status	% Cover				
				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 Eugene LWI	Number: 2762	Sample Site: BD-10-36
Applicant: City of Eugene	County: Lane	Date: 7/23/2003
Investigators: PF/JVS	Township: 17S	Range: 4W Section: 29
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
Depth of Surf. H2O Inches	Inundated	Ox. rhizospheres
Depth to Free H2O >16 Inches	Sat. in Upper 12"	H2O-stained leaves
Depth to Saturation >16 Inches	Water Marks	Local Soil Survey
	Drift Lines	FAC Neutral Test
	Sediment Deposits	Other
	Drainage patterns	Criteria Met: No

SOILS	Mapped Series: Awbrig silty clay loam	Hydric Soil?: Yes	
	Classification: Vertic Albaqualfs	Drainage Class: poorly drained	

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments
			Color	abundance/size/contrast		
0-16	10YR 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 (80%)	Status	% Cover		
<i>Acer macrophyllum</i> *	FACU	100	<i>Festuca arundinacea</i> *	FAC-	30		
			<i>Cirsium arvense</i> *	FACU+	20		
			<i>Lactuca serriola</i> *	FACU	20		
			<i>Galium aparine</i> *	FACU	20		
			<i>Hypochaeris radicata</i>	FACU	10		
Shrub Stratum (0%)	Status	% Cover					
			Woody Vine Stratum (0%)	Status	% Cover		

*Percent of dominant species FAC, FACW, or OBL: **0%** Criteria Met: **No**

Comments: Determination: **Upland**



Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project: City of Eugene LWI	Number: 2762	Sample Site: BD-10-37
Applicant: City of Eugene	County: Lane	Date: 7/23/2003
Investigators: PF/JVS	Township: 17S	Range: 4W Section: 29
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No
Is this an Atypical Situation? No		

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

SOILS	Mapped Series: Awbrig silty clay loam	Hydric Soil?: Yes			
	Classification: Vertic Albaqualfs	Drainage Class: poorly drained			
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations	Other Hydric Soil Field Indicators	Comments
			Color abundance/size/contrast		
0-14	7.5YR 3/1	SCL	7.5YR 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	(0%)	Status	% Cover	Herbaceous Stratum	(100%)	Status	% Cover
				<i>Alopecurus pratensis</i> *		FACW	70
				<i>Phalaris arundinacea</i> *		FACW	20
				<i>Carex densa</i>		OBL	5
				<i>Carex unilateralis</i>		FACW	5
Shrub Stratum	(0%)	Status	% Cover	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 Eugene LWI	Number: 2762	Sample Site: RSC-4-5
Applicant: City of Eugene	County: Lane	Date: 7/16/2003
Investigators: PF/CR	Township: 17S Range: 4W	Section: 4
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No
Is this an Atypical Situation? No		

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

SOILS	Mapped Series: Awbrig silty clay loam	Hydric Soil?: Yes
	Classification: Vertic Albaqualfs	Drainage Class: poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments
			Color	abundance/size/contrast		
0-16	7.5YR 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	(0%)	Status	% Cover	Herbaceous Stratum	(100%)	Status	% Cover
				<i>Lolium perenne</i> *		FACU	80
				<i>Avena sativa</i>		UPL	10
				<i>Aira caryophyllea</i>		UPL	5
				<i>Festuca arundinacea</i>		FAC-	5
Shrub Stratum	(0%)	Status	% Cover				
				Woody Vine Stratum	(0%)	Status	% Cover

*Percent of dominant species FAC, FACW, or OBL: **0%**

Criteria Met: No

Comments:

Determination: Upland

Wetland Determination Data Form

Routine Onsite Method



Pacific Habitat Services, Inc.

Project: City of Eugene LWI		Number: 2762		Sample Site: RSC-4-6			
Applicant: City of Eugene		County: Lane		Date: 7/16/2003			
Investigators: PF/CR		Township: 17S		Range: 4W Section: 4			
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No					
Is this an Atypical Situation? No							
HYDROLOGY		<u>Primary Indicators</u>		<u>Secondary Indicators</u>			
		Inundated		Ox. rhizospheres Yes			
		Sat. in Upper 12"		H2O-stained leaves			
Depth of Surf. H2O Inches		Water Marks Yes		Local Soil Survey			
Depth to Free H2O >16 Inches		Drift Lines		FAC Neutral Test			
Depth to Saturation >16 Inches		Sediment Deposits		Other			
		Drainage patterns		Criteria Met: Yes			
SOILS		Mapped Series: Awbrig silty clay loam		Hydric Soil?: Yes			
		Classification: Vertic Albaqualfs		Drainage Class: poorly drained			
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments	
			Color	abundance/size/contrast			
0-16	10YR 3/2	SL	10YR 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 (0%)		Status	% Cover	Herbaceous Stratum (100%)		Status	% Cover
				<i>Alopecurus geniculatus</i> *		OBL	40
				<i>Downingia elegans</i> *		OBL	20
				<i>Gnaphalium palustre</i> *		FAC+	30
				<i>Rorippa curvisiliqua</i>		OBL	10
Shrub Stratum (0%)		Status	% Cover	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 Eugene LWI	Number:	2762	Sample Site:	RSC-5-13
Applicant:	City of Eugene	County:	Lane	Date:	7/10/2003
Investigators:	PF/ME	Township:	17S	Range:	3W
		Section:			5
Do Normal Circumstances exist on this site?		Yes		Is the area a potential Problem Area?	
Is this an Atypical Situation?		No		No	

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

SOILS	Mapped Series: Malabon-Urban land complex	Hydric Soil?:	No
	Classification: Pachic Ultic Argixerolls	Drainage Class:	well drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments
			Color	abundance/size/contrast		
0-14	10YR 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	Herbaceous Stratum	(100%)	Status	% Cover
				<i>Festuca arundinacea*</i>		FAC-	85
				<i>Daucus carota</i>		UPL	5
				<i>Alopecurus pratensis</i>		FACW	10
Shrub Stratum	(0%)	Status	% Cover	Woody Vine Stratum	(0%)	Status	% Cover

*Percent of dominant species FAC, FACW, or OBL: 0% **Criteria Met:** **No**

Comments:

Determination: **Upland**

Wetland Determination Data Form

Routine Onsite Method



Pacific Habitat Services, Inc.

Project: City of Eugene LWI		Number: 2762		Sample Site: RSC-5-14			
Applicant: City of Eugene		County: Lane		Date: 7/10/2003			
Investigators: PF/ME		Township: 17S		Range: 3W Section: 5			
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No					
Is this an Atypical Situation? No							
HYDROLOGY							
			<u>Primary Indicators</u>		<u>Secondary Indicators</u>		
			Inundated		Ox. rhizospheres Yes		
			Sat. in Upper 12"		H2O-stained leaves		
Depth of Surf. H2O		Inches	Water Marks		Local Soil Survey		
Depth to Free H2O		>16 Inches	Drift Lines		FAC Neutral Test		
Depth to Saturation		>16 Inches	Sediment Deposits		Other		
			Drainage patterns Yes		Criteria Met: Yes		
SOILS							
Mapped Series: Malabon-Urban land complex			Hydric Soil?: No				
Classification: Pachic Ultic Argixerolls			Drainage Class: well drained				
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments	
			Color	abundance/size/contrast			
0-16	7.5YR 3/2	SL	7.5YR 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 (0%)		Status	% Cover	Herbaceous Stratum (100%)		Status	% Cover
				<i>Alopecurus pratensis</i> *		FACW	100
Shrub Stratum (0%)		Status	% Cover	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 Eugene LWI	Number:	2762	Sample Site:	RSC-5-15		
Applicant:	City of Eugene	County:	Lane	Date:	7/10/2003		
Investigators:	PF/ME	Township:	17S	Range:	3W	Section:	5
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
Depth of Surf. H2O	Inches	Inundated	Ox. rhizospheres
Depth to Free H2O	>16 Inches	Sat. in Upper 12"	H2O-stained leaves Yes
Depth to Saturation	>16 Inches	Water Marks	Local Soil Survey
		Drift Lines	FAC Neutral Test
		Sediment Deposits	Other
		Drainage patterns Yes	Criteria Met: Yes

SOILS		Mapped Series: Malabon-Urban land complex		Hydric Soil?: No		
		Classification: Pachic Ultic Argixerolls		Drainage Class: well drained		
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments
			Color	abundance/size/contrast		
0-6	7.5YR 3/1	C				
6-16	7.5YR 3/1	C	10YR 4/4	many/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 (0%)	Status	% Cover	Herbaceous Stratum (100%)	Status	% Cover	
			<i>Alisma plantago-aquatica*</i>	OBL	15	
			<i>Mentha pulegium*</i>	OBL	20	
			<i>Bidens sp.*</i>	OBL	30	
			<i>Phalaris arundinacea*</i>	FACW	15	
			<i>Carex unilateralis</i>	FACW	10	
			<i>Veronica scutellata</i>	OBL	10	
Shrub Stratum (0%)	Status	% Cover	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 Eugene LWI		Number: 2762		Sample Site: RSC-5-16			
Applicant: City of Eugene		County: Lane		Date: 7/10/2003			
Investigators: PF/ME		Township: 17S		Range: 3W Section: 5			
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No					
Is this an Atypical Situation? No							
HYDROLOGY		<u>Primary Indicators</u>		<u>Secondary Indicators</u>			
		Inundated		Ox. rhizospheres Yes			
		Sat. in Upper 12"		H2O-stained leaves			
Depth of Surf. H2O Inches		Water Marks		Local Soil Survey			
Depth to Free H2O >16 Inches		Drift Lines		FAC Neutral Test			
Depth to Saturation >16 Inches		Sediment Deposits Yes		Other _____			
		Drainage patterns Yes		Criteria Met: Yes			
SOILS		Mapped Series: Malabon-Urban land complex		Hydric Soil?: No			
		Classification: Pachic Ultic Argixerolls		Drainage Class: well drained			
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments	
			Color	abundance/size/contrast			
0-8	7.5YR 3/2	SL	7.5YR 4/6	few/medium/faint			
8-16	7.5YR 3/2	SCL	7.5YR 4/6	many/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	Herbaceous Stratum (100%)		Status	% Cover
				<i>Alopecurus pratensis</i> *		FACW	85
				<i>Carex unilateralis</i>		FACW	10
				<i>Carex feta</i>		FACW	5
Shrub Stratum (0%)		Status	% Cover	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 Eugene LWI	Number:	2762	Sample Site:	RSC-5-17
Applicant:	City of Eugene	County:	Lane	Date:	7/10/2003
Investigators:	PF/ME	Township:	17S	Range:	3W
		Section:			5

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

Is this an Atypical Situation? **No**

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

SOILS **Mapped Series:** Malabon-Urban land complex **Hydric Soil?:** No

Classification: Pachic Ultic Argixerolls **Drainage Class:** well drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments
			Color	abundance/size/contrast		
0-14	10YR 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	Herbaceous Stratum	(82%)	Status	% Cover
				<i>Festuca arundinacea</i> *		FAC-	25
				<i>Alopecurus pratensis</i> *		FACW	40
				<i>Cirsium arvense</i> *		FACU+	20
				<i>Heracleum lanatum</i>		FAC+	15
Shrub Stratum	(3%)	Status	% Cover				
<i>Cytisus scoparius</i> *			100				
				Woody Vine Stratum	(15%)	Status	% Cover
				<i>Rubus discolor</i> *			95
				<i>Rubus ursinus</i>			5

***Percent of dominant species FAC, FACW, or OBL:** **33%** **Criteria Met:** **No**

Comments:

Determination: **Upland**

Wetland Determination Data Form

Routine Onsite Method



Pacific Habitat Services, Inc.

Project: City of Eugene LWI		Number: 2762		Sample Site: RSC-6-25	
Applicant: City of Eugene		County: Lane		Date: 6/17/2003	
Investigators: PF/CR		Township: 17S Range: 4W		Section: 5	
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No			
Is this an Atypical Situation? No					
HYDROLOGY		<u>Primary Indicators</u>		<u>Secondary Indicators</u>	
		Inundated		Ox. rhizospheres	
		Sat. in Upper 12"		H2O-stained leaves	
Depth of Surf. H2O Inches		Water Marks		Local Soil Survey	
Depth to Free H2O >14 Inches		Drift Lines		FAC Neutral Test	
Depth to Saturation >14 Inches		Sediment Deposits		Other	
		Drainage patterns		Criteria Met: No	
SOILS		Mapped Series: Malabon-Urban Land Complex		Hydric Soil?: No	
		Classification: Pachic Ultic Argixerolls		Drainage Class: well drained	
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators
			Color	abundance/size/contrast	Comments
0-14	7.5YR 3/2	SL	7.5YR 3/3	common/medium/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	Herbaceous Stratum (100%)	
				<i>Festuca arundinacea</i> *	
				<i>Alopecurus pratensis</i> *	
				<i>Anthoxanthum odoratum</i> *	
Shrub Stratum (0%)		Status	% Cover		
				Woody Vine Stratum (0%)	
				Status	
				% Cover	
*Percent of dominant species FAC, FACW, or OBL: 33%				Criteria Met: No	
Comments:					
Determination: Upland					

Wetland Determination Data Form

Routine Onsite Method



Pacific Habitat Services, Inc.

Project: City of Eugene LWI		Number: 2762		Sample Site: RSC-6-26			
Applicant: City of Eugene		County: Lane		Date: 6/17/2003			
Investigators: PF/CR		Township: 17S		Range: 4W Section: 5			
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No					
Is this an Atypical Situation? No							
HYDROLOGY			<u>Primary Indicators</u>		<u>Secondary Indicators</u>		
			Inundated		Ox. rhizospheres Yes		
			Sat. in Upper 12"		H2O-stained leaves Yes		
Depth of Surf. H2O Inches			Water Marks		Local Soil Survey		
Depth to Free H2O >16 Inches			Drift Lines		FAC Neutral Test		
Depth to Saturation >16 Inches			Sediment Deposits Yes		Other		
			Drainage patterns Yes		Criteria Met: Yes		
SOILS		Mapped Series: Malabon-Urban Land Complex		Hydric Soil?: No			
		Classification: Pachic Ultic Argixerolls		Drainage Class: well drained			
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments	
			Color	abundance/size/contrast			
0-7	10YR 3/2	SL	7.5YR 4/6	many/medium/distinct			
7-16	10YR 3/1	SCL	10YR 3/6	few/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	(0%)	Status	% Cover	Herbaceous Stratum	(100%)	Status	% Cover
				<i>Alopecurus pratensis</i> *		FACW	50
				<i>Carex feta</i> *		FACW	20
				<i>Carex unilateralis</i> *		FACW	20
				<i>Rumex salicifolius</i>		FACW	10
Shrub Stratum	(0%)	Status	% Cover	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 Eugene LWI	Number: 2762	Sample Site: RSC-7-27
Applicant: City of Eugene	County: Lane	Date: 6/25/2003
Investigators: PF/CR	Township: 17S Range: 4W Section: 8	
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No
Is this an Atypical Situation? No		

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

SOILS	Mapped Series: Bashaw clay	Hydric Soil?: Yes
	Classification: Xeric Endoaquerts	Drainage Class: poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments
			Color	abundance/size/contrast		
0-16	10YR 2/1	Silty clay	10YR 3/4	few/medium/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 (20%)	Status	% Cover	Herbaceous Stratum (40%)	Status	% Cover		
<i>Fraxinus latifolia</i> *	FACW	100	<i>Alopecurus pratensis</i> *	FACW	40		
			<i>Agrostis tenuis</i> *	FAC	40		
			<i>Phalaris arundinacea</i> *	FACW	20		
Shrub Stratum (40%)	Status	% Cover					
<i>Salix sitchensis</i> *	FACW	60					
	FACW	40					
<i>Spiraea douglasii</i> *			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 Eugene LWI		Number: 2762		Sample Site: RSC-7-28		
Applicant: City of Eugene		County: Lane		Date: 6/25/2003		
Investigators: PF/CR		Township: 17S Range: 4W		Section: 8		
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No				
Is this an Atypical Situation? No						
HYDROLOGY		<u>Primary Indicators</u>		<u>Secondary Indicators</u>		
		Inundated		Ox. rhizospheres		
		Sat. in Upper 12"		H2O-stained leaves		
Depth of Surf. H2O Inches		Water Marks		Local Soil Survey		
Depth to Free H2O >16 Inches		Drift Lines		FAC Neutral Test		
Depth to Saturation >16 Inches		Sediment Deposits		Other _____		
		Drainage patterns		Criteria Met: No		
SOILS		Mapped Series: Bashaw clay		Hydric Soil?: Yes		
		Classification: Xeric Endoaquerts		Drainage Class: poorly drained		
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments
			Color	abundance/size/contrast		
0-16	10YR 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 (0%)		Status	% Cover	Herbaceous Stratum (95%)		Status % Cover
				<i>Agropyron repens*</i>		FAC- 40
				<i>Daucus carota*</i>		UPL 20
				<i>Geranium robertianum*</i>		UPL 20
				<i>Festuca arundinacea</i>		FAC- 5
				<i>Sonchus asper</i>		FAC- 5
				<i>Bromus mollis</i>		UPL 10
Shrub Stratum (5%)		Status	% Cover			
<i>Fraxinus latifolia</i>		FACW	100			
				Woody Vine Stratum (0%)		Status % Cover
*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 Eugene LWI	Number:	2762	Sample Site:	RSC-8-1
Applicant:	City of Eugene	County:	Lane	Date:	6/25/2003
Investigators:	PF/CR	Township:	17S	Range:	4W
		Section:	4		
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
Depth of Surf. H2O	Inches	Inundated	Ox. rhizospheres Yes
Depth to Free H2O	>14 Inches	Sat. in Upper 12"	H2O-stained leaves Yes
Depth to Saturation	>14 Inches	Water Marks	Local Soil Survey
		Drift Lines	FAC Neutral Test
		Sediment Deposits	Other _____
		Drainage patterns Yes	Criteria Met: Yes

SOILS		Mapped Series: Awbrig silty clay loam	Hydric Soil?:	Yes	
		Classification: Vertic Albaqualfs	Drainage Class:	poorly drained	
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations	Other Hydric Soil Field Indicators	
			Color	abundance/size/contrast	Comments
0-14	7.5YR 3/2	SCL	7.5YR 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	(0%)	Status	% Cover	Herbaceous Stratum	(100%)	Status	% Cover
				<i>Carex unilateralis</i> *		FACW	60
				<i>Eryngium petiolatum</i>		OBL	10
				<i>Mentha pulegium</i>		OBL	10
				<i>Grindelia integrifolia</i>		FACW	10
				<i>Rorippa curvisiliqua</i>		OBL	5
				<i>Gnaphalium palustre</i>		FAC+	5
Shrub Stratum	(0%)	Status	% Cover	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 Eugene LWI	Number: 2762	Sample Site: RSC-8-2
Applicant: City of Eugene	County: Lane	Date: 6/25/2003
Investigators: PF/CR	Township: 17S Range: 4W	Section: 4
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No
Is this an Atypical Situation? No		

	<u>Primary Indicators</u>	<u>Secondary Indicators</u>
HYDROLOGY	Inundated	Ox. rhizospheres Yes
	Sat. in Upper 12"	H2O-stained leaves
Depth of Surf. H2O Inches	Water Marks	Local Soil Survey
Depth to Free H2O >6 Inches	Drift Lines	FAC Neutral Test
Depth to Saturation >6 Inches	Sediment Deposits	Other
	Drainage patterns	Criteria Met: No

SOILS	Mapped Series: Awbrig silty clay loam	Hydric Soil?: Yes
	Classification: Vertic Albaqualfs	Drainage Class: poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments
			Color	abundance/size/contrast		
0-6	10YR 3/3	SL				Refusal at 6" due to compaction

*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	(100%)	Status	% Cover
				<i>Festuca arundinacea</i> *		FAC-	40
				<i>Anthoxanthum odoratum</i> *		FACU	30
				<i>Juncus bufonius</i> *		FACW	20
				<i>Agrostis tenuis</i>		FAC	10
Shrub Stratum	(0%)	Status	% Cover	Woody Vine Stratum	(0%)	Status	% Cover

*Percent of dominant species FAC, FACW, or OBL: **33%** **Criteria Met: No**

Comments: In horse pasture - heavily grazed. **Determination: Upland**



Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project: City of Eugene LWI	Number: 2762	Sample Site: RSC-9-3
Applicant: City of Eugene	County: Lane	Date: 6/25/2003
Investigators: PF, CR	Township: 17S Range: 4W	Section: 4
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No
Is this an Atypical Situation? No		

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

SOILS	Mapped Series: Awbrig silty clay loam	Hydric Soil?: Yes
	Classification: Vertic Albaqualfs	Drainage Class: poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments
			Color	abundance/size/contrast		
0-14	10YR 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	(0%)	Status	% Cover	Herbaceous Stratum	(100%)	Status	% Cover
				<i>Anthemis cotula*</i>		FACU	20
				<i>Matricaria matricarioides*</i>		FACU	30
				<i>Plantago lanceolata</i>		FAC	15
				<i>Bellis perennis</i>		UPL	10
				<i>Unknown pasture grass*</i>		(FAC)	20
Shrub Stratum	(0%)	Status	% Cover				
				Woody Vine Stratum	(0%)	Status	% Cover

*Percent of dominant species FAC, FACW, or OBL: **33%** **Criteria Met: No**

Comments: **In horse pasture - heavily grazed.** **Determination: Upland**

Wetland Determination Data Form

Routine Onsite Method



Pacific Habitat Services, Inc.

Project: City of Eugene LWI		Number: 2762		Sample Site: RSC-9-4		
Applicant: City of Eugene		County: Lane		Date: 6/25/2003		
Investigators: PF/CR		Township: 17S		Range: 4W Section: 4		
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No				
Is this an Atypical Situation? No						
HYDROLOGY		<u>Primary Indicators</u>		<u>Secondary Indicators</u>		
		Inundated Sat. in Upper 12" Water Marks Yes Drift Lines Sediment Deposits Drainage patterns Yes		Ox. rhizospheres Yes H2O-stained leaves Local Soil Survey FAC Neutral Test Other Criteria Met: Yes		
Depth of Surf. H2O Inches						
Depth to Free H2O >6 Inches						
Depth to Saturation >6 Inches						
SOILS		Mapped Series: Awbrig silty clay loam		Hydric Soil?: Yes		
		Classification: Vertic Albaqualfs		Drainage Class: poorly drained		
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments
			Color	abundance/size/contrast		
0-6	10YR 3/2	SL	10YR 4/6	common/medium/prominent		Refusal at 6" due to compaction
*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 (100%)		Status % Cover
				<i>Mentha pulegium*</i>		OBL 35
				<i>Downingia elegans</i>		OBL 10
				<i>Matricaria matricarioides</i>		FACU 5
				<i>Bare ground</i>		50
Shrub Stratum (0%)		Status	% Cover	Woody Vine Stratum (0%)		Status % Cover
*Percent of dominant species FAC, FACW, or OBL: 100%				Criteria Met: Yes		
Comments: In horse pasture - heavily grazed.						
						Determination: Wetland



Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	City of Eugene LWI	Number:	2762	Sample Site:	RSC-13-7
Applicant:	City of Eugene	County:	Lane	Date:	7/16/2003
Investigators:	PF/CR	Township:	17S	Range:	4W
		Section:	4		
Do Normal Circumstances exist on this site?		Yes		Is the area a potential Problem Area?	
Is this an Atypical Situation?		No		No	

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

SOILS	Mapped Series: Awbrig silty clay loam	Hydric Soil?:	Yes
	Classification: Vertic Albaqualfs	Drainage Class:	poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments
			Color	abundance/size/contrast		
0-16	10YR 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	(0%)	Status	% Cover	Herbaceous Stratum	(100%)	Status	% Cover
				<i>Lolium perenne</i> *		FACU	50
				<i>Festuca arundinacea</i> *		FAC-	20
				<i>Arrhenatherum elatius</i>		UPL	10
				<i>Cirsium vulgare</i>		FACU	10
				<i>Gnaphalium palustre</i>		FAC+	5
				<i>Juncus bufonius</i>		FACW	5
Shrub Stratum	(0%)	Status	% Cover	Woody Vine Stratum	(0%)	Status	% Cover

*Percent of dominant species FAC, FACW, or OBL: 0%

Criteria Met: **No**

Comments:

Determination: **Upland**



Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	City of Eugene LWI	Number:	2762	Sample Site:	RSC-13-8
Applicant:	City of Eugene	County:	Lane	Date:	7/16/2003
Investigators:	PF/CR	Township:	17S	Range:	4W
		Section:	4		
Do Normal Circumstances exist on this site?		Yes		Is the area a potential Problem Area?	
Is this an Atypical Situation?		No		No	

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

SOILS	Mapped Series: Awbrig silty clay loam	Hydric Soil?:	Yes
	Classification: Vertic Albaqualfs	Drainage Class:	poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments
			Color	abundance/size/contrast		
0-16	7.5YR 3/2	SCL	7.5YR 4/6	common/medium/prominent		

*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	(100%)	Status	% Cover
				<i>Plagiobothrys figuratus*</i>		FACW	40
				<i>Downingia elegans*</i>		OBL	20
				<i>Alopecurus geniculatus*</i>		OBL	20
				<i>Polygonum aviculare*</i>		FACW-	20
Shrub Stratum	(0%)	Status	% Cover				
				Woody Vine Stratum	(0%)	Status	% Cover

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

Criteria Met: Yes

Comments: Moist at 8 inches.

Determination: Wetland

Wetland Determination Data Form

Routine Onsite Method



Pacific Habitat Services, Inc.

Project: City of Eugene LWI	Number: 2762	Sample Site: RSC-14-9
Applicant: City of Eugene	County: Lane	Date: 7/16/2003
Investigators: PF/CR	Township: 17S Range: 4W Section: 4	
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No
Is this an Atypical Situation? No		

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

SOILS		Mapped Series: Coburg silty clay loam	Hydric Soil?: No		
		Classification: Pachic Ultic Argixerolls	Drainage Class: moderately well drained		
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations	Other Hydric Soil Field Indicators	Comments
			Color abundance/size/contrast		
0-16	10YR 3/2	SL	10YR 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	(0%)	Status	% Cover	Herbaceous Stratum	(100%)	Status	% Cover
				<i>Polygonum lapathifolium*</i>		FACW	20
				<i>Downingia elegans*</i>		OBL	20
				<i>Gnaphalium palustre*</i>		FAC+	20
				<i>Plagiobothrys figuratus</i>		FACW	15
				<i>Alopecurus geniculatus</i>		OBL	10
				<i>Mentha pulegium</i>		OBL	5
Shrub Stratum	(0%)	Status	% Cover	<i>Eryngium petiolatum</i>		OBL	5
				<i>Veronica scutellata</i>		OBL	5
				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 Eugene LWI	Number:	2762	Sample Site:	RSC-14-10		
Applicant:	City of Eugene	County:	Lane	Date:	7/16/2003		
Investigators:	PF/CR	Township:	17S	Range:	4W	Section:	4

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

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

SOILS Mapped Series: Coburg silty clay loam Hydric Soil?: No
 Classification: Pachic Ultic Argixerolls Drainage Class: moderately well drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments
			Color	abundance/size/contrast		
0-16	7.5YR 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	Herbaceous Stratum	(100%)	Status	% Cover
				<i>Lolium perenne</i> *		FACU	20
				<i>Avena sativa</i> *		UPL	20
				<i>Hordeum geniculatum</i> *		NI	40
				<i>Madia glomerata</i>		FACU+	5
				<i>Festuca arundinacea</i>		FAC-	5
				<i>Cirsium vulgare</i>		FACU	5
Shrub Stratum	(0%)	Status	% Cover	<i>Torilis arvensis</i>		UPL	2
				<i>Hypochaeris radicata</i>		FACU	2
				Woody Vine Stratum	(0%)	Status	% Cover

*Percent of dominant species FAC, FACW, or OBL: 0% Criteria Met: No

Comments: Determination: Upland



Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	City of Eugene LWI	Number:	2762	Sample Site:	RSC-15-11
Applicant:	City of Eugene	County:	Lane	Date:	7/16/2003
Investigators:	PF/CR	Township:	17S	Range:	4W
		Section:			4
Do Normal Circumstances exist on this site?		Yes		Is the area a potential Problem Area?	
Is this an Atypical Situation?		No		No	

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

SOILS	Mapped Series: Coburg silty clay loam	Hydric Soil?:	No
	Classification: Pachic Ultic Argixerolls	Drainage Class:	moderately well drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments
			Color	abundance/size/contrast		
0-16	5Y 3/1	C				

*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 (100%)	Status	% Cover	
			<i>Alopecurus geniculatus</i> *	OBL	35	
			<i>Holcus lanatus</i> *	FAC	30	
			<i>Agrostis tenuis</i> *	FAC	20	
			<i>Phalaris arundinacea</i>	FACW	10	
			<i>Glyceria occidentalis</i>	OBL	5	
Shrub Stratum (0%)	Status	% Cover				
			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 Eugene LWI	Number:	2762	Sample Site:	RSC-15-12
Applicant:	City of Eugene	County:	Lane	Date:	7/16/2003
Investigators:	PF/CR	Township:	17S	Range:	4W
		Section:	4		
Do Normal Circumstances exist on this site?		Yes		Is the area a potential Problem Area?	
Is this an Atypical Situation?		No		No	

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

SOILS	Mapped Series: Coburg silty clay loam	Hydric Soil?:	No
	Classification: Pachic Ultic Argixerolls	Drainage Class:	moderately well drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments
			Color	abundance/size/contrast		
0-16	10YR 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	(0%)	Status	% Cover	Herbaceous Stratum	(100%)	Status	% Cover
				<i>Lolium multiflorum*</i>		UPL	50
				<i>Lolium perenne*</i>		FACU	30
				<i>Arrhenatherum elatius</i>		UPL	15
				<i>Madia glomerata</i>		FACU+	5
Shrub Stratum	(0%)	Status	% Cover				
				Woody Vine Stratum	(0%)	Status	% Cover

*Percent of dominant species FAC, FACW, or OBL: 0%

Criteria Met: No

Comments:

Determination: Upland



Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project: City of Eugene LWI		Number: 2762		Sample Site: RSC-17-18			
Applicant: City of Eugene		County: Lane		Date: 6/17/2003			
Investigators: PF/CR		Township: 17S Range: 4W		Section: 4			
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No					
Is this an Atypical Situation? No							
HYDROLOGY		<u>Primary Indicators</u>		<u>Secondary Indicators</u>			
		Inundated		Ox. rhizospheres Yes			
		Sat. in Upper 12"		H2O-stained leaves			
Depth of Surf. H2O Inches		Water Marks		Local Soil Survey			
Depth to Free H2O >6 Inches		Drift Lines		FAC Neutral Test			
Depth to Saturation >6 Inches		Sediment Deposits		Other _____			
		Drainage patterns Yes		Criteria Met: Yes			
SOILS		Mapped Series: Awbrig silty clay loam		Hydric Soil?: Yes			
		Classification: Vertic Albaqualfs		Drainage Class: poorly drained			
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments	
			Color	abundance/size/contrast			
0-6	10YR 3/2	C	10YR 3/6	common/medium/distinct		Refusal at 6" due to compacted clay	
*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 (100%)		Status	% Cover
				<i>Alopecurus pratensis</i> *		FACW	30
				<i>Alopecurus geniculatus</i> *		OBL	30
				<i>Ranunculus acris</i> *		FACW-	20
				<i>Downingia elegans</i> *		OBL	20
Shrub Stratum (0%)		Status	% Cover	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 Eugene LWI	Number:	2762	Sample Site:	RSC-17-19
Applicant:	City of Eugene	County:	Lane	Date:	6/17/2003
Investigators:	PF/CR	Township:	17S	Range:	4W
		Section:	4		
Do Normal Circumstances exist on this site?		Yes		Is the area a potential Problem Area?	
Is this an Atypical Situation?		No		No	

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

SOILS		Mapped Series: Malabon silty clay loam		Hydric Soil?:		No	
		Classification: Pachic Ultic Argixerolls		Drainage Class:		well drained	
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments	
			Color	abundance/size/contrast			
0-14	7.5YR 3/2	SCL	7.5YR 4/6	few/medium/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	Herbaceous Stratum	(100%)	Status	% Cover
				<i>Trifolium dubium*</i>		UPL	20
				<i>Hordeum jubatum*</i>		FAC	20
				<i>Parentucellia viscosa*</i>		FAC-	20
				<i>Alopecurus pratensis</i>		FACW	10
				<i>Hypochaeris radicata</i>		FACU	10
				<i>Stellaria media</i>		FACU	10
Shrub Stratum	(0%)	Status	% Cover	<i>Anthemis cotula</i>		FACU	5
				<i>Senecio jacobaea</i>		FACU	5
				Woody Vine Stratum	(0%)	Status	% Cover

*Percent of dominant species FAC, FACW, or OBL: 33%

Criteria Met: No

Comments:

Determination: Upland



Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project: City of Eugene LWI	Number: 2762	Sample Site: RSC-17-20
Applicant: City of Eugene	County: Lane	Date: 6/17/2003
Investigators: PF/CR	Township: 17S Range: 4W Section: 4	
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No
Is this an Atypical Situation? No		

	<u>Primary Indicators</u>	<u>Secondary Indicators</u>
HYDROLOGY	Inundated	Ox. rhizospheres Yes
Depth of Surf. H2O Inches	Sat. in Upper 12" Yes	H2O-stained leaves
Depth to Free H2O >16 Inches	Water Marks	Local Soil Survey
Depth to Saturation 6 Inches	Drift Lines	FAC Neutral Test
	Sediment Deposits	Other _____
	Drainage patterns Yes	Criteria Met: Yes

SOILS	Mapped Series: Awbrig silty clay loam	Hydric Soil?: Yes
	Classification: Vertic Albaqualfs	Drainage Class: poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments
			Color	abundance/size/contrast		
0-16	10YR 2/2	SC	7.5YR 3/3	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	(0%)	Status	% Cover	Herbaceous Stratum	(100%)	Status	% Cover
				<i>Holcus lanatus</i> *		FAC	40
				<i>Alopecurus geniculatus</i> *		OBL	20
				<i>Agrostis tenuis</i> *		FAC	25
				<i>Alopecurus pratensis</i>		FACW	10
				<i>Festuca arundinacea</i>		FAC-	5
Shrub Stratum	(0%)	Status	% Cover	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 Eugene LWI	Number:	2762	Sample Site:	RSC-17-21
Applicant:	City of Eugene	County:	Lane	Date:	6/17/2003
Investigators:	PF/CR	Township:	17S	Range:	4W
		Section:	4		
Do Normal Circumstances exist on this site?		Yes		Is the area a potential Problem Area?	
Is this an Atypical Situation?		No		No	

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

SOILS	Mapped Series: Awbrig silty clay loam	Hydric Soil?:	Yes
	Classification: Vertic Albaqualfs	Drainage Class:	poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments
			Color	abundance/size/contrast		
0-14	7.5YR 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	Herbaceous Stratum	(100%)	Status	% Cover
				<i>Parentucellia viscosa*</i>		FAC-	20
				<i>Hypochaeris radicata*</i>		FACU	20
				<i>Festuca arundinacea*</i>		FAC-	15
				<i>Hordeum jubatum*</i>		FAC	15
				<i>Ranunculus acris</i>		FACW-	10
				<i>Trifolium repens</i>		FAC	10
Shrub Stratum	(0%)	Status	% Cover	<i>Taraxacum officinale</i>		FACU	5
				Woody Vine Stratum	(0%)	Status	% Cover

*Percent of dominant species FAC, FACW, or OBL: 0%

Criteria Met: **No**

Comments: _____

Determination: **Upland**



Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project: City of Eugene LWI		Number: 2762		Sample Site: RSC-17-22	
Applicant: City of Eugene		County: Lane		Date: 6/17/2003	
Investigators: PF/CR		Township: 17S		Range: 4W Section: 4	
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No			
Is this an Atypical Situation? No					
HYDROLOGY		<u>Primary Indicators</u>		<u>Secondary Indicators</u>	
		Inundated		Ox. rhizospheres Yes	
		Sat. in Upper 12"		H2O-stained leaves Yes	
Depth of Surf. H2O Inches		Water Marks		Local Soil Survey	
Depth to Free H2O >12 Inches		Drift Lines		FAC Neutral Test	
Depth to Saturation >12 Inches		Sediment Deposits		Other	
		Drainage patterns Yes		Criteria Met: Yes	
SOILS		Mapped Series: Awbrig silty clay loam		Hydric Soil?: Yes	
		Classification: Vertic Albaqualfs		Drainage Class: poorly drained	
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators
			Color	abundance/size/contrast	Comments
0-12	10YR 3/2	SCL	7.5YR 4/6	many/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 (0%)		Status	% Cover	Herbaceous Stratum (100%)	
				<i>Alopecurus geniculatus*</i>	OBL 50
				<i>Ranunculus acris*</i>	FACW- 30
				<i>Parentucellia viscosa</i>	FAC- 10
				<i>Mentha pulegium</i>	OBL 5
				<i>Anthemis cotula</i>	FACU 5
Shrub Stratum (0%)		Status	% Cover	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 Eugene LWI		Number: 2762		Sample Site: RSC-22-23			
Applicant: City of Eugene		County: Lane		Date: 6/17/2003			
Investigators: PF/CR		Township: 17S Range: 4W		Section: 3			
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No					
Is this an Atypical Situation? No							
HYDROLOGY		<u>Primary Indicators</u>		<u>Secondary Indicators</u>			
		Inundated		Ox. rhizospheres			
		Sat. in Upper 12"		H2O-stained leaves			
Depth of Surf. H2O Inches		Water Marks		Local Soil Survey			
Depth to Free H2O >14 Inches		Drift Lines		FAC Neutral Test			
Depth to Saturation >14 Inches		Sediment Deposits		Other _____			
		Drainage patterns		Criteria Met: No			
SOILS		Mapped Series: Coburg silty clay loam		Hydric Soil?: No			
		Classification: Pachic Ultic Argixerolls		Drainage Class: moderately well drained			
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments	
			Color	abundance/size/contrast			
0-14	10YR 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 (60%)		Status	% Cover	Herbaceous Stratum (30%)		Status	% Cover
<i>Fraxinus latifolia</i> *		FACW	60	<i>Rubus ursinus</i> *		FACU	100
<i>Crataegus douglasii</i> *		FAC	40				
Shrub Stratum (10%)		Status	% Cover	Woody Vine Stratum (0%)		Status	% Cover
<i>Crataegus douglasii</i> *		FAC	80				
<i>Rosa sp.</i> *		(FAC)	20				
*Percent of dominant species FAC, FACW, or OBL: 80%						Criteria Met: Yes	
Comments: Pit in mosaic wetland area. 80% wetland and 20% upland.						Determination: Upland	

Wetland Determination Data Form

Routine Onsite Method



Pacific Habitat Services, Inc.

Project: City of Eugene LWI		Number: 2762		Sample Site: RSC-23-49			
Applicant: City of Eugene		County: Lane		Date: 7/10/2003			
Investigators: PF/ME		Township: 17S Range: 3W		Section: 3			
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No					
Is this an Atypical Situation? No							
HYDROLOGY		<u>Primary Indicators</u>		<u>Secondary Indicators</u>			
		Inundated		Ox. rhizospheres Yes			
		Sat. in Upper 12" Yes		H2O-stained leaves			
Depth of Surf. H2O Inches		Water Marks		Local Soil Survey			
Depth to Free H2O 0 Inches		Drift Lines		FAC Neutral Test			
Depth to Saturation 0 Inches		Sediment Deposits		Other _____			
		Drainage patterns Yes		Criteria Met: Yes			
SOILS		Mapped Series: Malabon-Urban land complex		Hydric Soil?: No			
		Classification: Pachic Ultic Argixerolls		Drainage Class: well drained			
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments	
			Color	abundance/size/contrast			
0-16	10YR 4/1	SL			H ₂ S 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 (15%)		Status	% Cover	Herbaceous Stratum (55%)		Status	% Cover
<i>Fraxinus latifolia</i> *		FACW	100	<i>Ludwigia palustris</i> *		OBL	80
				<i>Bidens sp.</i>		OBL	10
				<i>Typha latifolia</i>		OBL	2
				<i>Carex obnupta</i>		OBL	8
Shrub Stratum (10%)		Status	% Cover	Woody Vine Stratum (20%)		Status	% Cover
<i>Populus trichocarpa</i> *		FAC	85	<i>Solanum dulcamara</i> *		FAC+	100
<i>Fraxinus latifolia</i>		FACW	15				
*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 Eugene LWI	Number: 2762	Sample Site: RSC-23-50
Applicant: City of Eugene	County: Lane	Date: 7/10/2003
Investigators: PF/ME	Township: 17S Range: 3W Section: 3	
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No
Is this an Atypical Situation? No		

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

SOILS	Mapped Series: Malabon silty clay loam	Hydric Soil?: No
	Classification: Pachic Ultic Argixerolls	Drainage Class: well drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments
			Color	abundance/size/contrast		
0-16	10YR 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 (30%)		Status	% Cover	Herbaceous Stratum (55%)		Status	% Cover
<i>Fraxinus latifolia*</i>		FACW	50	<i>Lactuca serriola*</i>		FACU	50
<i>Prunus avium*</i>		UPL	50	<i>Bidens frondosa*</i>		OBL	30
				<i>Taraxacum officinale</i>		FACU	10
				<i>Hypochaeris radicata</i>		FACU	10
Shrub Stratum (5%)		Status	% Cover	Woody Vine Stratum (10%)		Status	% Cover
<i>Symphoricarpos albus*</i>		FACU	100	<i>Solanum dulcamara*</i>		FAC+	100

*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 Eugene LWI		Number: 2762		Sample Site: RSC-28-51			
Applicant: City of Eugene		County: Lane		Date: 8/8/2003			
Investigators: JVS/CR		Township: 17S		Range: 4W Section: 15			
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No					
Is this an Atypical Situation? No							
HYDROLOGY		<u>Primary Indicators</u>		<u>Secondary Indicators</u>			
		Inundated		Ox. rhizospheres Yes			
		Sat. in Upper 12"		H2O-stained leaves			
Depth of Surf. H2O Inches		Water Marks		Local Soil Survey			
Depth to Free H2O >16 Inches		Drift Lines		FAC Neutral Test			
Depth to Saturation >16 Inches		Sediment Deposits		Other _____			
		Drainage patterns Yes		Criteria Met: Yes			
SOILS		Mapped Series: Malabon silty clay loam		Hydric Soil?: No			
		Classification: Pachic Ultic Argixerolls		Drainage Class: well drained			
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments	
			Color	abundance/size/contrast			
0-4	10YR 3/2	SL	7.5YR 4/6	common/medium/distinct			
4-16	10YR 2/1	C	7.5YR 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 (40%)		Status	% Cover	Herbaceous Stratum (20%)		Status	% Cover
<i>Fraxinus latifolia</i> *		FACW	60	<i>Phalaris arundinacea</i> *		FACW	100
<i>Populus trichocarpa</i> *		FAC	40				
Shrub Stratum (10%)		Status	% Cover	Woody Vine Stratum (30%)		Status	% Cover
<i>Cornus stolonifera</i> *		FACW	70	<i>Solanum dulcamara</i> *		FAC+	100
<i>Rosa pisocarpa</i> *		FAC	30				
*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 Eugene LWI	Number: 2762	Sample Site: RSC-28-52
Applicant: City of Eugene	County: Lane	Date: 8/8/2003
Investigators: JVS/CR	Township: 17S Range: 4W Section: 15	

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

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

SOILS **Mapped Series:** Malabon silty clay loam **Hydric Soil?:** No
Classification: Pachic Ultic Argixerolls **Drainage Class:** well drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments
			Color	abundance/size/contrast		
0-14	10YR 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	(0%)	Status	% Cover	Herbaceous Stratum	(90%)	Status	% Cover
				<i>Festuca arundinacea</i> *		FAC-	30
				<i>Hypochaeris radicata</i> *		FACU	15
				<i>Taraxacum officinale</i> *		FACU	15
				<i>Lolium perenne</i> *		FACU	15
				<i>Agrostis tenuis</i> *		FAC	15
				<i>Bromus inermis</i>		UPL	10
Shrub Stratum	(0%)	Status	% Cover	Woody Vine Stratum (10%)		Status	% Cover
				<i>Rubus discolor</i> *		FACU	100

*Percent of dominant species FAC, FACW, or OBL: **0%** **Criteria Met:** **No**

Comments: _____
Determination: **Upland**



Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	City of Eugene LWI	Number:	2762	Sample Site:	RSC-32-53		
Applicant:	City of Eugene	County:	Lane	Date:	10/17/2003		
Investigators:	JVS/CR	Township:	17S	Range:	4W	Section:	23
Do Normal Circumstances exist on this site?		Yes		Is the area a potential Problem Area?		No	
Is this an Atypical Situation?		No					

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

SOILS	Mapped Series: Coburg-Urban land complex	Hydric Soil?:	No
	Classification: Pachic Ultic Argixerolls	Drainage Class:	moderately well drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments
			Color	abundance/size/contrast		
0-12	10YR 3/3	SL				Refusal at 12 inches due to compaction.

*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	(100%)	Status	% Cover
				<i>Festuca arundinacea</i> *		FAC-	20
				<i>Crepis setosa</i> *		FACU	20
				<i>Hypochaeris radicata</i> *		FACU	20
				<i>Agrostis tenuis</i>		FAC	10
				<i>Daucus carota</i>		UPL	10
				<i>Plantago lanceolata</i>		FAC	10
Shrub Stratum	(0%)	Status	% Cover	<i>Poa annua</i>		FAC	10
				Woody Vine Stratum	(0%)	Status	% Cover

*Percent of dominant species FAC, FACW, or OBL: 0% **Criteria Met:** No

Comments: Pit in area of mowed lawn. **Determination:** Upland



Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project: City of Eugene LWI		Number: 2762		Sample Site: RSC-32-54			
Applicant: City of Eugene		County: Lane		Date: 10/1/2003			
Investigators: SE/ME		Township: 17S		Range: 4W Section: 23			
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No					
Is this an Atypical Situation? No							
HYDROLOGY		<u>Primary Indicators</u>		<u>Secondary Indicators</u>			
		Inundated		Ox. rhizospheres Yes			
		Sat. in Upper 12"		H2O-stained leaves			
Depth of Surf. H2O Inches		Water Marks		Local Soil Survey			
Depth to Free H2O >16 Inches		Drift Lines		FAC Neutral Test			
Depth to Saturation >16 Inches		Sediment Deposits		Other _____			
		Drainage patterns Yes		Criteria Met: Yes			
SOILS		Mapped Series: Coburg-Urban land complex		Hydric Soil?: No			
		Classification: Pachic Ultic Argixerolls		Drainage Class: moderately well drained			
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments	
			Color	abundance/size/contrast			
0-4	10YR 3/2	SL					
4-16	10YR 3/2	SCL	7.5YR 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 (0%)		Status	% Cover	Herbaceous Stratum (80%)		Status	% Cover
				<i>Iris pseudacorus</i> *		OBL	30
				<i>Bidens frondosa</i> *		FACW+	30
				<i>Beckmannia syzigachne</i> *		OBL	20
				<i>Paspalum distichum</i> *		FACW	20
Shrub Stratum (0%)		Status	% Cover	Woody Vine Stratum (20%)		Status	% Cover
				<i>Solanum dulcamara</i> *		FAC+	100
*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 Eugene LWI	Number: 2762	Sample Site: RSC-32-55
Applicant: City of Eugene	County: Lane	Date: 10/1/2003
Investigators: SE/ME	Township: 17S Range: 4W Section: 23	
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No
Is this an Atypical Situation? No		

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

SOILS **Mapped Series:** Coburg-Urban land complex **Hydric Soil?:** **No**
Classification: Pachic Ultic Argixerolls **Drainage Class:** moderately well drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments
			Color	abundance/size/contrast		
0-16	10YR 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	(0%)	Status	% Cover	Herbaceous Stratum	(100%)	Status	% Cover
				<i>Hypochaeris radicata</i> *		FACU	25
				<i>Lamium purpureum</i> *		UPL	30
				<i>Trifolium repens</i> *		FAC	25
				<i>Poa annua</i> *		FAC	20
Shrub Stratum	(0%)	Status	% Cover	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 Eugene LWI		Number: 2762		Sample Site: RSC-32-56			
Applicant: City of Eugene		County: Lane		Date: 10/17/2003			
Investigators: JVS/CR		Township: 17S Range: 4W		Section: 23			
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No					
Is this an Atypical Situation? No							
HYDROLOGY							
			<u>Primary Indicators</u>		<u>Secondary Indicators</u>		
			Inundated		Ox. rhizospheres Yes		
			Sat. in Upper 12" Yes		H2O-stained leaves		
Depth of Surf. H2O Inches			Water Marks		Local Soil Survey		
Depth to Free H2O >16 Inches			Drift Lines Yes		FAC Neutral Test		
Depth to Saturation 0 Inches			Sediment Deposits		Other		
			Drainage patterns Yes		Criteria Met: Yes		
SOILS							
Mapped Series: Coburg-Urban land complex		Hydric Soil?: No					
Classification: Pachic Ultic Argixerolls		Drainage Class: moderately well drained					
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments	
			Color	abundance/size/contrast			
0-16	10YR 3/2	SC	7.5YR 4/6	common, medium, prominent			
*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	Herbaceous Stratum (90%)		Status	% Cover
<i>Salix babylonica</i> *		FAC+	100	<i>Echinochloa crusgalli</i> *		FACW	30
				<i>Bidens cernua</i> *		FACW+	20
				<i>Carex nudata</i> *		FACW	20
				<i>Scirpus microcarpus</i>		OBL	10
				<i>Solanum dulcamara</i>		FAC+	10
				<i>Juncus effusus</i>		FACW	10
Shrub Stratum (0%)		Status	% Cover	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 Eugene LWI	Number: 2762	Sample Site: RSC-39-45
Applicant: City of Eugene	County: Lane	Date: 6/25/2003
Investigators: PF, CR	Township: 17S Range: 4W Section: 2	

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

	<u>Primary Indicators</u>	<u>Secondary Indicators</u>
HYDROLOGY	Inundated	Ox. rhizospheres
Depth of Surf. H2O Inches	Sat. in Upper 12" Yes	H2O-stained leaves
Depth to Free H2O >16 Inches	Water Marks	Local Soil Survey
Depth to Saturation 6 Inches	Drift Lines	FAC Neutral Test
	Sediment Deposits	Other _____
	Drainage patterns Yes	Criteria Met: Yes

SOILS **Mapped Series:** Malabon-Urban land complex **Hydric Soil?:** **No**
Classification: Pachic Ultic Argixerolls **Drainage Class:** **well drained**

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments
			Color	abundance/size/contrast		
0-6	10YR 2/2	SL				organic material cobbly
6-16	10YR 4/1	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: **Yes**

VEGETATION							
Tree Stratum (40%)	Status	% Cover	Herbaceous Stratum (0%)	Status	% Cover		
<i>Salix lasiandra</i> *	FACW+	100					
Shrub Stratum (60%)	Status	% Cover					
<i>Rosa pisocarpa</i> *	FAC	50					
<i>Salix lasiandra</i> *	FACW+	35	Woody Vine Stratum (0%)	Status	% Cover		
<i>Fraxinus latifolia</i>	FACW	15					

*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 Eugene LWI		Number: 2762		Sample Site: RSC-39-46		
Applicant: City of Eugene		County: Lane		Date: 6/25/2003		
Investigators: PF, CR		Township: 17S		Range: 4W Section: 2		
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No				
Is this an Atypical Situation? No						
HYDROLOGY		<u>Primary Indicators</u>		<u>Secondary Indicators</u>		
		Inundated		Ox. rhizospheres		
		Sat. in Upper 12"		H2O-stained leaves		
Depth of Surf. H2O Inches		Water Marks		Local Soil Survey		
Depth to Free H2O >12 Inches		Drift Lines		FAC Neutral Test		
Depth to Saturation >12 Inches		Sediment Deposits		Other _____		
		Drainage patterns		Criteria Met: No		
SOILS		Mapped Series: Malabon-Urban land complex		Hydric Soil?: No		
		Classification: Pachic Ultic Argixerolls		Drainage Class: well drained		
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments
			Color	abundance/size/contrast		
0-12	10YR 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 (0%)		Status	% Cover	Herbaceous Stratum (100%)		Status % Cover
				<i>Hypochaeris radicata*</i>		FACU 20
				<i>Daucus carota*</i>		UPL 20
				<i>Trifolium pratense*</i>		FACU 20
				<i>Agrostis tenuis</i>		FAC 15
				<i>Festuca arundinacea</i>		FAC- 15
				<i>Taraxacum officinale</i>		FACU 5
Shrub Stratum (0%)		Status	% Cover	<i>Holcus lanatus</i>		FAC 5
				Woody Vine Stratum (0%)		Status % Cover
*Percent of dominant species FAC, FACW, or OBL: 0%				Criteria Met: No		
Comments:						Determination: Upland



Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project: City of Eugene LWI		Number: 2762		Sample Site: RSC-40-47			
Applicant: City of Eugene		County: Lane		Date: 6/27/2003			
Investigators: SE/ME		Township: 17S Range: 4W		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		<u>Primary Indicators</u>		<u>Secondary Indicators</u>			
		Inundated		Ox. rhizospheres			
		Sat. in Upper 12"		H2O-stained leaves			
Depth of Surf. H2O Inches		Water Marks		Local Soil Survey			
Depth to Free H2O >15 Inches		Drift Lines		FAC Neutral Test			
Depth to Saturation >15 Inches		Sediment Deposits		Other _____			
		Drainage patterns		Criteria Met: No			
SOILS		Mapped Series: Chehalis silty clay loam		Hydric Soil?: No			
		Classification: Cumulic Ultic Haploxerolls		Drainage Class: well drained			
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments	
			Color	abundance/size/contrast			
0-15	10YR 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 (15%)		Status	% Cover	Herbaceous Stratum (60%)		Status	% Cover
<i>Acer macrophyllum</i> *		FACU	100	<i>Plantago lanceolata</i> *		FAC	25
				<i>Trifolium repens</i> *		FAC	20
				<i>Dipsacus sylvestris</i> *		FAC	15
				<i>Cirsium vulgare</i> *		FACU	15
				<i>Lactuca serriola</i>		FACU	5
Shrub Stratum (0%)				<i>Equisetum arvense</i>		FAC	5
				<i>Daucus carota</i>		UPL	5
				<i>Prunella vulgaris</i>		FACU+	5
				Woody Vine Stratum (25%)		Status	% Cover
				<i>Rubus discolor</i> *		FACU	100
*Percent of dominant species FAC, FACW, or OBL: 50%						Criteria Met: No	
Comments: Also 5% <i>Gnaphalium palustre</i>						Determination: Upland	



Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project: City of Eugene LWI		Number: 2762		Sample Site: RSC-40-48			
Applicant: City of Eugene		County: Lane		Date: 6/27/2003			
Investigators: SE/ME		Township: 17S Range: 4W		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							
			<u>Primary Indicators</u>		<u>Secondary Indicators</u>		
			Inundated		Ox. rhizospheres Yes		
			Sat. in Upper 12" Yes		H2O-stained leaves		
Depth of Surf. H2O Inches			Water Marks		Local Soil Survey		
Depth to Free H2O 10 Inches			Drift Lines		FAC Neutral Test		
Depth to Saturation 0 Inches			Sediment Deposits		Other _____		
			Drainage patterns Yes		Criteria Met: Yes		
SOILS							
Mapped Series: Chehalis silty clay loam		Hydric Soil?: No					
Classification: Cumulic Ultic Haploxerolls		Drainage Class: well drained					
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments	
0-6	10YR 3/2	SL	10YR 3/4	common/coarse/distinct			
6-16	10YR 4/1	SL	10YR 3/6	few/coarse/prominent			
*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 (100%)		Status	% Cover
				<i>Myosotis discolor</i> *		FACW	40
				<i>Sparganium emersum</i> *		OBL	25
				<i>Veronica americana</i>		OBL	15
				<i>Deschampsia cespitosa</i>		FACW	10
				<i>Bidens frondosa</i>		FACW+	5
				<i>Equisetum arvense</i>		FAC	3
Shrub Stratum (0%)		Status	% Cover	<i>Rumex crispus</i>		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 Eugene LWI		Number: 2762		Sample Site: WKZ-2-61					
Applicant: City of Eugene		County: Lane		Date: 9/9/2003					
Investigators: SE/ME		Township: 17S		Range: 3W Section: 18					
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No							
Is this an Atypical Situation? No									
HYDROLOGY		<u>Primary Indicators</u>		<u>Secondary Indicators</u>					
		Inundated		Ox. rhizospheres					
		Sat. in Upper 12"		H2O-stained leaves					
Depth of Surf. H2O Inches		Water Marks		Local Soil Survey					
Depth to Free H2O >14 Inches		Drift Lines		FAC Neutral Test					
Depth to Saturation >14 Inches		Sediment Deposits		Other					
		Drainage patterns		Criteria Met: No					
SOILS		Mapped Series: Fluvents, nearly level		Hydric Soil?: Yes/No					
		Classification: Fluvents		Drainage Class: well to poorly drained					
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments			
			Color	abundance/size/contrast					
0-14	10YR 2.5/2	SDL				abundant cobble and gravel			
*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 (40%)		Status	% Cover		
<i>Populus trichocarpa</i> *		FAC	100	<i>Galium aparine</i>		FACU	5		
				<i>Epilobium watsonii</i> *				FACW-	20
				bare ground					
Shrub Stratum (0%)		Status	% Cover	Woody Vine Stratum (40%)		Status	% Cover		
				<i>Rubus discolor</i> *		FACU	100		
*Percent of dominant species FAC, FACW, or OBL: 67%				Criteria Met: Yes					
Comments:						Determination: Upland			



Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project: City of Eugene LWI		Number: 2762		Sample Site: WKZ-2-62			
Applicant: City of Eugene		County: Lane		Date: 9/9/2003			
Investigators: SE/ME		Township: 17S Range: 3W		Section: 18			
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No					
Is this an Atypical Situation? No							
HYDROLOGY							
			<u>Primary Indicators</u>		<u>Secondary Indicators</u>		
			Inundated Yes		Ox. rhizospheres		
			Sat. in Upper 12" Yes		H2O-stained leaves		
Depth of Surf. H2O 1 Inches			Water Marks		Local Soil Survey		
Depth to Free H2O 0 Inches			Drift Lines		FAC Neutral Test		
Depth to Saturation 0 Inches			Sediment Deposits		Other _____		
			Drainage patterns Yes		Criteria Met: Yes		
SOILS							
Mapped Series: Fluvents, nearly level			Hydric Soil?: Yes/No				
Classification: Fluvents			Drainage Class: well to poorly drained				
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments	
0-8	10YR 3/2	SL	Color	abundance/size/contrast			
8-16	10YR 4/1	SL	10YR 3/6	many, 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 (35%)		Status	% Cover	Herbaceous Stratum (40%)		Status	% Cover
<i>Salix lasiandra</i> *		FACW+	100	<i>Solanum dulcamara</i> *		FAC+	25
				<i>Phalaris arundinacea</i> *		FACW	65
				<i>Pteridium aquilinum</i>		FACU	10
Shrub Stratum (25%)		Status	% Cover				
<i>Fraxinus latifolia</i> *		FACW	80				
<i>Salix lasiandra</i> *		FACW+	20	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 Eugene LWI		Number: 2762		Sample Site: WKZ-3-59		
Applicant: City of Eugene		County: Lane		Date: 9/9/2003		
Investigators: SE/ME		Township: 17S		Range: 3W Section: 18		
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No				
Is this an Atypical Situation? No						
HYDROLOGY		<u>Primary Indicators</u>		<u>Secondary Indicators</u>		
		Inundated		Ox. rhizospheres		
		Sat. in Upper 12"		H2O-stained leaves		
Depth of Surf. H2O Inches		Water Marks		Local Soil Survey		
Depth to Free H2O >15 Inches		Drift Lines		FAC Neutral Test		
Depth to Saturation >15 Inches		Sediment Deposits		Other _____		
		Drainage patterns		Criteria Met: No		
SOILS		Mapped Series: Camas gravelly sandy loam		Hydric Soil?: No		
		Classification: Fluventic Haploxerolls		Drainage Class: excessively drained		
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments
			Color	abundance/size/contrast		
0-15	10YR 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 (30%)		Status	% Cover	Herbaceous Stratum (0%)		Status % Cover
<i>Populus trichocarpa</i> *		FAC	100			
Shrub Stratum (25%)		Status	% Cover	Woody Vine Stratum (45%)		Status % Cover
<i>Populus trichocarpa</i> *		FAC	100	<i>Rubus discolor</i> *		FACU 100
*Percent of dominant species FAC, FACW, or OBL: 67%				Criteria Met: Yes		
Comments:						Determination: Upland



Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project: City of Eugene LWI		Number: 2762		Sample Site: WKZ-3-60		
Applicant: City of Eugene		County: Lane		Date: 9/9/2003		
Investigators: SE/ME		Township: 17S Range: 3W		Section: 18		
Do Normal Circumstances exist on this site? Yes			Is the area a potential Problem Area? No			
Is this an Atypical Situation? No						
HYDROLOGY		<u>Primary Indicators</u>		<u>Secondary Indicators</u>		
		Inundated		Ox. rhizospheres		
		Sat. in Upper 12"		H2O-stained leaves		
Depth of Surf. H2O Inches		Water Marks		Local Soil Survey		
Depth to Free H2O >15 Inches		Drift Lines		FAC Neutral Test		
Depth to Saturation >15 Inches		Sediment Deposits		Other _____		
		Drainage patterns		Criteria Met: Yes		
SOILS		Mapped Series: Camas gravelly sandy loam		Hydric Soil?: No		
		Classification: Fluventic Haploxerolls		Drainage Class: excessively drained		
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments
			Color	abundance/size/contrast		
0-5	10YR 3/2	L				
5-15	10YR 3.5/2	SDL	7.5YR 3/4	few, coarse, prominent		10%
			10YR 3/4	many, coarse, distinct		90%
*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 (35%)		Status	% Cover	Herbaceous Stratum (25%)		Status % Cover
<i>Salix lasiandra</i> *		FACW+	100	<i>Bidens frondosa</i>		FACW+ 5
				<i>Epilobium watsonii</i>		FACW- 5
				<i>Bare ground</i>		90
Shrub Stratum (35%)		Status	% Cover	Woody Vine Stratum (5%)		Status % Cover
<i>Fraxinus latifolia</i>		FACW	15	<i>Solanum dulcamara</i> *		FAC+ 100
<i>Cornus stolonifera</i> *		FACW	85			
*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 Eugene LWI		Number: 2762		Sample Site: WKZ-5-63			
Applicant: City of Eugene		County: Lane		Date: 8/15/2003			
Investigators: SE/ME		Township: 17S		Range: 3W Section: 18			
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No					
Is this an Atypical Situation? No							
HYDROLOGY		<u>Primary Indicators</u>		<u>Secondary Indicators</u>			
		Inundated		Ox. rhizospheres			
		Sat. in Upper 12"		H2O-stained leaves			
Depth of Surf. H2O Inches		Water Marks		Local Soil Survey			
Depth to Free H2O >8 Inches		Drift Lines		FAC Neutral Test			
Depth to Saturation >8 Inches		Sediment Deposits		Other _____			
		Drainage patterns		Criteria Met: No			
SOILS		Mapped Series: Fluvents, nearly level		Hydric Soil?: Yes/No			
		Classification: Fluvents		Drainage Class: well to poorly drained			
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments	
			Color	abundance/size/contrast			
0-8	10YR 3/2	SD				40% SD, 60% cobble Refusal at 8" due to cobble	
*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 (100%)		Status	% Cover
				<i>Agrostis tenuis</i> *		FAC	50
				<i>Cichorium intybus</i> *		UPL	20
				<i>Daucus carota</i>		UPL	15
				<i>Hypochaeris radicata</i>		FACU	5
				<i>Lotus purshiana</i>		UPL	5
				<i>Convolvulus arvensis</i>		UPL	5
Shrub Stratum (0%)		Status	% Cover	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 Eugene LWI	Number: 2762	Sample Site: WKZ-5-64
Applicant: City of Eugene	County: Lane	Date: 8/15/2003
Investigators: SE/ME	Township: 17S Range: 3W Section: 18	
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No
Is this an Atypical Situation? No		

	<u>Primary Indicators</u>	<u>Secondary Indicators</u>
HYDROLOGY	Inundated	Ox. rhizospheres
Depth of Surf. H2O Inches	Sat. in Upper 12" Yes	H2O-stained leaves
Depth to Free H2O >10 Inches	Water Marks	Local Soil Survey
Depth to Saturation 0 Inches	Drift Lines	FAC Neutral Test
	Sediment Deposits	Other
	Drainage patterns Yes	Criteria Met: Yes

SOILS	Mapped Series: Fluvents, nearly level	Hydric Soil?: Yes/No	
	Classification: Fluvents	Drainage Class: well to poorly drained	

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments
			Color	abundance/size/contrast		
0-10	10YR 4/1	peat	10YR 4/6	common, coarse, prominent	organics	Abundant cobble from 8 to 10 inches; refusal on cobble.

*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	(80%)	Status	% Cover
				<i>Mentha pulegium</i> *		OBL	40
				<i>Solanum dulcamara</i> *		FAC+	25
				<i>Polygonum punctatum</i>		OBL	10
				<i>Phalaris arundinacea</i>		FACW	10
				<i>Bidens frondosa</i>		FACW+	10
				<i>Impatiens noli-tangere</i>		FACW	5
Shrub Stratum	(20%)	Status	% Cover				
<i>Salix scouleriana</i> *		FAC	100				
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 Eugene LWI		Number: 2762		Sample Site: WKZ-6-71			
Applicant: City of Eugene		County: Lane		Date: 8/15/2003			
Investigators: SE/ME		Township: 17S Range: 3W		Section: 18			
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No					
Is this an Atypical Situation? No							
HYDROLOGY							
			<u>Primary Indicators</u>		<u>Secondary Indicators</u>		
			Inundated		Ox. rhizospheres		
			Sat. in Upper 12"		H2O-stained leaves		
Depth of Surf. H2O	Inches		Water Marks	Yes	Local Soil Survey		
Depth to Free H2O	>16	Inches	Drift Lines		FAC Neutral Test		
Depth to Saturation	>16	Inches	Sediment Deposits	Yes	Other _____		
			Drainage patterns	Yes	Criteria Met: Yes		
SOILS							
Mapped Series: McBee silty clay loam		Hydric Soil?: No					
Classification: Cumulic Ultic Haploxerolls		Drainage Class: moderately well drained					
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil	Comments	
			Color	abundance/size/contrast	Field Indicators		
0-3	10YR 2/2	peat					
3-16	10YR 4/1	SCL	10YR 4/6	many, medium, prominent			
*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 (80%)		Status	% Cover
				<i>Polygonum punctatum</i> *		OBL	55
				<i>Bidens frondosa</i> *		FACW+	20
				<i>Sparganium emersum</i> *		OBL	25
Shrub Stratum (20%)		Status	% Cover	Woody Vine Stratum (0%)		Status	% Cover
<i>Salix scouleriana</i> *		FAC	80				
<i>Cornus stolonifera</i> *		FACW	20				
*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 Eugene LWI		Number: 2762		Sample Site: WKZ-6-72		
Applicant: City of Eugene		County: Lane		Date: 8/15/2003		
Investigators: SE/ME		Township: 17S		Range: 3W Section: 18		
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No				
Is this an Atypical Situation? No						
HYDROLOGY		<u>Primary Indicators</u>		<u>Secondary Indicators</u>		
		Inundated		Ox. rhizospheres		
		Sat. in Upper 12"		H2O-stained leaves		
Depth of Surf. H2O Inches		Water Marks		Local Soil Survey		
Depth to Free H2O >15 Inches		Drift Lines		FAC Neutral Test		
Depth to Saturation >15 Inches		Sediment Deposits		Other _____		
		Drainage patterns		Criteria Met: No		
SOILS		Mapped Series: McBee silty clay loam		Hydric Soil?: No		
		Classification: Cumulic Ultic Haploxerolls		Drainage Class: moderately well drained		
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments
			Color	abundance/size/contrast		
0-15	10YR 3/3	SL				Cobbly
*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 (10%)		Status % Cover
				<i>Festuca arundinacea*</i>		FAC- 45
				<i>Agrostis tenuis*</i>		FAC 35
				<i>Hypochaeris radicata</i>		FACU 10
				<i>Plantago major</i>		FACU+ 5
				<i>Holcus lanatus</i>		FAC 5
Shrub Stratum (0%)		Status	% Cover	Woody Vine Stratum (90%)		Status % Cover
				<i>Rubus discolor*</i>		FACU 100
*Percent of dominant species FAC, FACW, or OBL: 33%						Criteria Met: No
Comments:						Determination: Upland



Wetland Determination Data Form Routine Onsite Method

Pacific Habitat Services, Inc.

Project: City of Eugene LWI	Number: 2762	Sample Site: WKZ-7-67
Applicant: City of Eugene	County: Lane	Date: 7/30/2003
Investigators: SE/ME	Township: 17S Range: 4W Section: 24	
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No
Is this an Atypical Situation? No		

	<u>Primary Indicators</u>	<u>Secondary Indicators</u>
HYDROLOGY	Inundated	Ox. rhizospheres
	Sat. in Upper 12"	H2O-stained leaves
Depth of Surf. H2O Inches	Water Marks	Local Soil Survey
Depth to Free H2O >15 Inches	Drift Lines	FAC Neutral Test
Depth to Saturation >15 Inches	Sediment Deposits	Other: _____
	Drainage patterns	Criteria Met: <input type="checkbox"/> No

SOILS	Mapped Series: Pits	Hydric Soil?: No	
	Classification: N/A	Drainage Class: N/A	

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments
			Color	abundance/size/contrast		
0-15	10YR 3/3	SL				Cobbly

*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 (20%)	Status	% Cover		
<i>Acer macrophyllum</i> *	FACU	100	<i>Agrostis tenuis</i> *	FAC	35		
			<i>Plantago major</i> *	FACU+	25		
			<i>Daucus carota</i> *	UPL	25		
			<i>Convolvulus arvensis</i>	UPL	10		
			<i>Hypochaeris radicata</i>	FACU	5		
Shrub Stratum (20%)	Status	% Cover					
<i>Corylus cornuta</i> *	FACU	100					
			Woody Vine Stratum (30%)	Status	% Cover		
			<i>Rubus discolor</i> *	FACU	100		

*Percent of dominant species FAC, FACW, or OBL: **17%**

Criteria Met: **No**

Comments:

Determination: **Upland**



Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	City of Eugene LWI	Number:	2762	Sample Site:	WKZ-7-68		
Applicant:	City of Eugene	County:	Lane	Date:	7/30/2003		
Investigators:	SE/ME	Township:	17S	Range:	4W	Section:	24
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
Depth of Surf. H2O	Inches	Inundated	Ox. rhizospheres
Depth to Free H2O	12	Sat. in Upper 12"	H2O-stained leaves
Depth to Saturation	8	Water Marks	Local Soil Survey
		Drift Lines	FAC Neutral Test
		Sediment Deposits	Other: _____
		Drainage patterns	Yes
		Criteria Met:	Yes

SOILS	Mapped Series: Pits	Hydric Soil?:	No
	Classification: N/A	Drainage Class:	N/A

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments
			Color	abundance/size/contrast		
0-6	10YR 2/2	L			70% organics (peaty)	
6-14	10Y 3/1	L	10YR 3/3	few/coarse/distinct	Gleying	Cobbles/gravels common

*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	Herbaceous Stratum (10%)		Status	% Cover
<i>Salix lasiandra</i> *		FACW+	100	<i>Eleocharis ovata</i> *		OBL	75
				<i>Veronica americana</i>		OBL	10
				<i>Lotus corniculatus</i>		FAC	10
				<i>Epilobium watsonii</i>		FACW-	5
Shrub Stratum (75%)		Status	% Cover	Woody Vine Stratum (0%)		Status	% Cover
<i>Salix scouleriana</i> *		FAC	45				
<i>Cornus stolonifera</i> *		FACW	65				

*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 Eugene LWI	Number: 2762	Sample Site: WKZ-7-69
Applicant: City of Eugene	County: Lane	Date: 9/9/2003
Investigators: SE/ME	Township: 17S Range: 3W	Section: 19
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No
Is this an Atypical Situation? No		

	<u>Primary Indicators</u>	<u>Secondary Indicators</u>
HYDROLOGY	Inundated	Ox. rhizospheres
	Sat. in Upper 12"	H2O-stained leaves
Depth of Surf. H2O Inches	Water Marks	Local Soil Survey
Depth to Free H2O >15 Inches	Drift Lines	FAC Neutral Test
Depth to Saturation >15 Inches	Sediment Deposits	Other
	Drainage patterns	Criteria Met: No

SOILS		Mapped Series: Fluvents, nearly level	Hydric Soil?: Yes/No		
		Classification: Fluvents	Drainage Class: well to poorly drained		
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations	Other Hydric Soil Field Indicators	Comments
			Color abundance/size/contrast		
0-15	10YR 3/2	SL			abundant small cobble

*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
				<i>Festuca arundinacea</i> *		FAC-	40
				<i>Daucus carota</i>		UPL	5
				<i>Plantago lanceolata</i> *		FAC	20
				<i>Hypochaeris radicata</i>		FACU	15
				<i>Convolvulus arvensis</i> *		UPL	20
Shrub Stratum	(5%)	Status	% Cover				
<i>Quercus garryana</i> *		UPL	100	Woody Vine Stratum	(60%)	Status	% Cover
				<i>Rubus discolor</i> *		FACU	100

***Percent of dominant species FAC, FACW, or OBL:** 20%

Criteria Met: No

Comments:

Determination: Upland



Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project: City of Eugene LWI		Number: 2762		Sample Site: WKZ-7-70		
Applicant: City of Eugene		County: Lane		Date: 9/9/2003		
Investigators: SE/ME		Township: 17S		Range: 3W 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		<u>Primary Indicators</u>		<u>Secondary Indicators</u>		
		Inundated		Ox. rhizospheres		
Depth of Surf. H2O Inches		Sat. in Upper 12" Yes		H2O-stained leaves		
Depth to Free H2O 2 Inches		Water Marks		Local Soil Survey		
Depth to Saturation 0 Inches		Drift Lines Yes		FAC Neutral Test		
		Sediment Deposits		Other _____		
		Drainage patterns Yes		Criteria Met: Yes		
SOILS		Mapped Series: Fluvents, nearly level		Hydric Soil?: Yes/No		
		Classification: Fluvents		Drainage Class: well to poorly drained		
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments
			Color	abundance/size/contrast		
0-12	10YR 2/1	Sandy muck				refused at 12 inches due to rock
*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 (100%)		Status % Cover
				<i>Leersia oryzoides</i>		OBL 2
				<i>Polygonum hydropiper</i>		OBL 1
				<i>Veronica americana</i>		OBL 1
				<i>Sparganium emersum*</i>		OBL 6
				Bare ground		90
Shrub Stratum (0%)		Status	% Cover			
Woody Vine Stratum (0%)		Status	% Cover			
*Percent of dominant species FAC, FACW, or OBL: 100%						Criteria Met: Yes
Comments: Sample site located at the edge of open water. This area is apparently underwater during much of the year.						
						Determination: Wetland



Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project: City of Eugene LWI		Number: 2762		Sample Site: WKZ-8-75		
Applicant: City of Eugene		County: Lane		Date: 8/15/2003		
Investigators: SE/ME		Township: 17S		Range: 3W 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		<u>Primary Indicators</u>		<u>Secondary Indicators</u>		
		Inundated		Ox. rhizospheres		
		Sat. in Upper 12"		H2O-stained leaves		
Depth of Surf. H2O Inches		Water Marks		Local Soil Survey		
Depth to Free H2O >12 Inches		Drift Lines		FAC Neutral Test		
Depth to Saturation >12 Inches		Sediment Deposits		Other _____		
		Drainage patterns		Criteria Met: <input type="checkbox"/> No		
SOILS		Mapped Series: Coburg-Urban land complex		Hydric Soil?: No		
		Classification: Pachic Ultic Argixerolls		Drainage Class: moderately well drained		
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments
			Color	abundance/size/contrast		
0-12	10YR 2/2	SL				Gravelly, sand stone Refusal at 12" due to gravels
*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: <input type="checkbox"/> No						
VEGETATION						
Tree Stratum (0%)		Status	% Cover	Herbaceous Stratum (100%)		Status % Cover
				<i>Convolvulus arvensis</i>		UPL 40
				<i>Festuca arundinacea</i>		FAC- 25
				<i>Hypochaeris radicata</i>		FACU 15
				<i>Lolium multiflorum</i>		UPL 15
				<i>Crepis setosa</i>		FACU 5
Shrub Stratum (0%)		Status	% Cover	Woody Vine Stratum (0%)		Status % Cover
*Percent of dominant species FAC, FACW, or OBL: 0%						Criteria Met: <input type="checkbox"/> No
Comments:						Determination: Upland



Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project: City of Eugene LWI		Number: 2762		Sample Site: WKZ-8-76			
Applicant: City of Eugene		County: Lane		Date: 8/15/2003			
Investigators: SE/ME		Township: 17S		Range: 3W 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							
			<u>Primary Indicators</u>		<u>Secondary Indicators</u>		
			Inundated		Ox. rhizospheres Yes		
			Sat. in Upper 12"		H2O-stained leaves		
Depth of Surf. H2O	Inches		Water Marks	Yes	Local Soil Survey		
Depth to Free H2O	>16	Inches	Drift Lines		FAC Neutral Test		
Depth to Saturation	>16	Inches	Sediment Deposits	Yes	Other _____		
			Drainage patterns	Yes	Criteria Met: Yes		
SOILS							
Mapped Series: Coburg-Urban land complex			Hydric Soil?: No				
Classification: Pachic Ultic Argixerolls			Drainage Class: moderately well drained				
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments	
			Color	abundance/size/contrast			
0-16	10YR 3/2	SL	7.5YR 4/6	common/medium/ prominent	Manganese concretions		
*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	Herbaceous Stratum (85%)		Status	% Cover
<i>Populus trichocarpa</i> *		FAC	100	<i>Mentha pulegium</i> *		OBL	15
				<i>Bidens frondosa</i>		FACW+	8
				<i>Rumex crispus</i>		FAC+	2
				<i>Bare ground</i>			75
Shrub Stratum (0%)		Status	% Cover	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 Eugene LWI	Number: 2762	Sample Site: WKZ-13-77
Applicant: City of Eugene	County: Lane	Date: 5/29/2003
Investigators: PF/CR	Township: 17S Range: 3W	Section: 29
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No
Is this an Atypical Situation? No		

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

SOILS	Mapped Series: Cloquato silt loam	Hydric Soil?: No
	Classification: Cumulic Ultic	Drainage Class: well drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments
			Color	abundance/size/contrast		
0-8.	10YR 3/2	SL				Refusal at 8" due to rock

*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 (60%)	Status	% Cover		
<i>Acer macrophyllum</i> *	FACU	60	<i>Festuca arundinacea</i> *	FAC-	36		
<i>Corylus cornuta</i> *	FACU	30	<i>Poa annua</i> *	FAC	15		
<i>Populus trichocarpa</i>	FAC	10	<i>Agrostis tenuis</i>	FAC	7		
			<i>Hypochaeris radicata</i>	FACU	7		
			<i>Galium aparine</i>	FACU	7		
			<i>Cirsium vulgare</i>	FACU	2		
Shrub Stratum (10%)	Status	% Cover	<i>Bare ground</i>		25		
<i>Corylus cornuta</i> *	FACU	100					
			Woody Vine Stratum (10%)	Status	% Cover		
			<i>Rubus discolor</i> *	FACU	100		

*Percent of dominant species FAC, FACW, or OBL: **17%**

Criteria Met: **No**

Comments:

Determination: **Upland**



Wetland Determination Data Form Routine Onsite Method

Pacific Habitat Services, Inc.

Project: City of Eugene LWI		Number: 2762		Sample Site: WKZ-13-78			
Applicant: City of Eugene		County: Lane		Date: 5/29/2003			
Investigators: PF/CR		Township: 17S Range: 3W		Section: 29			
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No					
Is this an Atypical Situation? No							
HYDROLOGY		<u>Primary Indicators</u>		<u>Secondary Indicators</u>			
		Inundated		Ox. rhizospheres			
		Sat. in Upper 12" Yes		H2O-stained leaves			
Depth of Surf. H2O Inches		Water Marks		Local Soil Survey			
Depth to Free H2O 3 Inches		Drift Lines		FAC Neutral Test			
Depth to Saturation 0 Inches		Sediment Deposits		Other _____			
		Drainage patterns		Criteria Met: Yes			
SOILS		Mapped Series: Cloquato silt loam		Hydric Soil?: No			
		Classification: Cumulic Ultic		Drainage Class: well drained			
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments	
			Color	abundance/size/contrast			
0-5	10YR 2/2	SC				Refusal at 5" due to gravels and roots	
*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 (20%)		Status	% Cover
				<i>Agrostis stolonifera</i> *		FAC	100
Shrub Stratum (80%)		Status	% Cover				
<i>Salix lasiandra</i> *		FACW+	100				
Woody Vine Stratum (0%)		Status	% Cover				
*Percent of dominant species FAC, FACW, or OBL: 100%				Criteria Met: Yes			
Comments: Sample site does not meet the soils criteria; soils have been assumed due to presence of strong hydrology and vegetation. Site is within wet fringe adjacent to open water. Determination: Wetland							



Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	City of Eugene LWI	Number:	2762	Sample Site:	WR-1-57
Applicant:	City of Eugene	County:	Lane	Date:	7/28/2003
Investigators:	SE/ME	Township:	17S	Range:	4W
		Section:			13

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

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

SOILS Mapped Series: Camas gravelly sandy loam Hydric Soil?: **No**
 Classification: Fluventic Haploxerolls Drainage Class: **excessively drained**

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments
			Color	abundance/size/contrast		
0-5	10YR 2/2	SDL				
5-14	10YR 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 (40%)		Status	% Cover	Herbaceous Stratum (5%)		Status	% Cover
<i>Acer macrophyllum</i> *		FACU	95	<i>Phalaris arundinacea</i> *		FACW	20
<i>Prunus avium</i>		UPL	5	<i>Carex densa</i> *		OBL	20
				<i>Rubus ursinus</i> *		FACU	20
				<i>Polystichum munitum</i>		FACU	15
				<i>Galium aparine</i>		FACU	15
				<i>Melissa officinalis</i>		UPL	10
Shrub Stratum (45%)		Status	% Cover	Woody Vine Stratum (10%)		Status	% Cover
<i>Symphoricarpos albus</i> *		FACU	70	<i>Hedera helix</i> *		UPL	60
<i>Oemleria cerasiformis</i> *		FACU	25	<i>Rubus discolor</i> *		FACU	40
<i>Rubus parviflorus</i>		FAC-	5				

*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 Eugene LWI		Number: 2762		Sample Site: WR-1-58		
Applicant: City of Eugene		County: Lane		Date: 7/28/2003		
Investigators: SE/ME		Township: 17S Range: 4W		Section: 13		
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No				
Is this an Atypical Situation? No						
HYDROLOGY			<u>Primary Indicators</u>		<u>Secondary Indicators</u>	
			Inundated		Ox. rhizospheres	
Depth of Surf. H2O Inches			Sat. in Upper 12" Yes		H2O-stained leaves	
Depth to Free H2O 11 Inches			Water Marks		Local Soil Survey	
Depth to Saturation 8 Inches			Drift Lines		FAC Neutral Test	
			Sediment Deposits		Other:	
			Drainage patterns Yes		Criteria Met: Yes	
SOILS		Mapped Series: Camas gravelly sandy loam		Hydric Soil?: No		
		Classification: Fluventic Haploxerolls		Drainage Class: excessively drained		
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments
			Color	abundance/size/contrast		
0-8	10YR 3/2	SL	10YR 3/4	common/medium/distinct		
8-12	2.5Y 4/1	SDL	10YR 3/6	common/coarse/prominent		
12-						Refusal at 12" due to rock
*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 (40%)		Status % Cover
				<i>Phalaris arundinacea*</i>		FACW 100
Shrub Stratum (60%)		Status	% Cover			
<i>Salix lasiandra*</i>		FACW+	90			
<i>Salix sitchensis</i>		FACW	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 Eugene LWI		Number: 2762		Sample Site: WR-2-65			
Applicant: City of Eugene		County: Lane		Date: 7/28/2003			
Investigators: SE/ME		Township: 17S		Range: 4W Section: 24			
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No					
Is this an Atypical Situation? No							
HYDROLOGY		<u>Primary Indicators</u>		<u>Secondary Indicators</u>			
		Inundated		Ox. rhizospheres			
		Sat. in Upper 12"		H2O-stained leaves			
Depth of Surf. H2O Inches		Water Marks		Local Soil Survey			
Depth to Free H2O >15 Inches		Drift Lines Yes		FAC Neutral Test			
Depth to Saturation >15 Inches		Sediment Deposits		Other: _____			
		Drainage patterns Yes		Criteria Met: Yes			
SOILS		Mapped Series: Fluvents, nearly level		Hydric Soil?: Yes/No			
		Classification: Fluvents		Drainage Class: well to poorly drained			
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments	
			Color	abundance/size/contrast			
0-4	10YR 3/2	SL	10YR 3/6	common/coarse/prominent	H ₂ S odor		
4-15	2.5Y 3/1	SDL	10YR 3/6	common/medium/prominent			
*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 (45%)		Status	% Cover
				<i>Phalaris arundinacea</i> *		FACW	50
				<i>Solanum dulcamara</i> *		FAC+	25
				<i>Carex obnupta</i> *		OBL	20
				<i>Bidens frondosa</i>		FACW+	5
Shrub Stratum (55%)		Status	% Cover				
<i>Salix lasiandra</i> *		FACW+	85				
<i>Fraxinus latifolia</i> *		FACW	15	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 Eugene LWI		Number: 2762		Sample Site: WR-2-66			
Applicant: City of Eugene		County: Lane		Date: 7/28/2003			
Investigators: SE/ME		Township: 17S		Range: 4W Section: 24			
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No					
Is this an Atypical Situation? No							
HYDROLOGY		<u>Primary Indicators</u>		<u>Secondary Indicators</u>			
		Inundated		Ox. rhizospheres			
		Sat. in Upper 12"		H2O-stained leaves			
Depth of Surf. H2O Inches		Water Marks		Local Soil Survey			
Depth to Free H2O >15 Inches		Drift Lines		FAC Neutral Test			
Depth to Saturation >15 Inches		Sediment Deposits		Other: _____			
		Drainage patterns		Criteria Met: No			
SOILS		Mapped Series: Fluvents, nearly level		Hydric Soil?: Yes/No			
		Classification: Fluvents		Drainage Class: well to poorly drained			
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments	
			Color	abundance/size/contrast			
0-15	10YR 3/4	SL				abundant cobble	
*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 (50%)		Status	% Cover
<i>Populus trichocarpa</i> *		FAC	100	<i>Festuca arundinacea</i> *		FAC-	20
				<i>Holcus lanatus</i> *		FAC	20
				<i>Cirsium vulgare</i> *		FACU	25
				<i>Phalaris arundinacea</i>		FACW	15
				<i>Cirsium arvense</i>		FACU+	15
<i>Daucus carota</i>		UPL	5				
Shrub Stratum (0%)		Status	% Cover	Woody Vine Stratum (35%)		Status	% Cover
				<i>Rubus discolor</i> *		FACU	100
*Percent of dominant species FAC, FACW, or OBL: 40%						Criteria Met: No	
Comments:						Determination: Upland	



Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project: City of Eugene LWI		Number: 2762		Sample Site: WR-3-73			
Applicant: City of Eugene		County: Lane		Date: 7/30/2003			
Investigators: SE/ME		Township: 17S		Range: 4W Section: 24			
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No					
Is this an Atypical Situation? No							
HYDROLOGY							
			<u>Primary Indicators</u>		<u>Secondary Indicators</u>		
			Inundated		Ox. rhizospheres Yes		
			Sat. in Upper 12" Yes		H2O-stained leaves		
Depth of Surf. H2O 0 Inches			Water Marks		Local Soil Survey		
Depth to Free H2O 0 Inches			Drift Lines		FAC Neutral Test		
Depth to Saturation 0 Inches			Sediment Deposits		Other:		
			Drainage patterns Yes		Criteria Met: Yes		
SOILS							
Mapped Series: Fluvents, nearly level			Hydric Soil?:		Yes/No		
Classification: Fluvents			Drainage Class:		well to poorly drained		
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments	
			Color	abundance/size/contrast			
0-4	2.5Y 3/1	peat	10YR 3/3	common/medium/distinct	H ₂ S odor		
4-16	2.5Y 3/1	peat			Histosol		
*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 (85%)		Status	% Cover
				<i>Scutellaria galericulata*</i>		OBL	20
				<i>Leersia oryzoides*</i>		OBL	15
				<i>Myriophyllum brasiliense*</i>		OBL	15
				<i>Polygonum hydropiperoides*</i>		OBL	10
				<i>Carex obnupta*</i>		OBL	10
				<i>Eleocharis palustris*</i>		OBL	10
Shrub Stratum (15%)		Status	% Cover	<i>Rumex crispus</i>		FAC+	5
<i>Salix lasiandra*</i>		FACW+	50	<i>Bidens frondosa</i>		FACW+	3
<i>Salix sessilifolia*</i>		FACW	25	Woody Vine Stratum (0%)		Status	% Cover
<i>Cornus stolonifera</i>		FACW	15				
<i>Spiraea douglasii</i>		FACW	10				
*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 Eugene LWI		Number: 2762		Sample Site: WR-3-74		
Applicant: City of Eugene		County: Lane		Date: 7/30/2003		
Investigators: SE/ME		Township: 17S		Range: 4W Section: 24		
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No				
Is this an Atypical Situation? No						
HYDROLOGY		<u>Primary Indicators</u>		<u>Secondary Indicators</u>		
		Inundated		Ox. rhizospheres		
		Sat. in Upper 12"		H2O-stained leaves		
Depth of Surf. H2O Inches		Water Marks		Local Soil Survey		
Depth to Free H2O >15 Inches		Drift Lines		FAC Neutral Test		
Depth to Saturation >15 Inches		Sediment Deposits		Other: _____		
		Drainage patterns		Criteria Met: No		
SOILS		Mapped Series: Fluvents, nearly level		Hydric Soil?: Yes/No		
		Classification: Fluvents		Drainage Class: well to poorly drained		
Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments
			Color	abundance/size/contrast		
0-15	10YR 3/3	SL				Cobbly
*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 (10%)		Status % Cover
<i>Populus trichocarpa</i> *		FAC	75	<i>Lolium perenne</i> *		FACU 50
<i>Acer macrophyllum</i> *		FACU	20	<i>Holcus lanatus</i> *		FAC 30
<i>Arbutus menziesii</i>		UPL	5	<i>Phalaris arundinacea</i>		FACW 15
				<i>Cirsium arvense</i>		FACU+ 5
Shrub Stratum (35%)		Status	% Cover			
<i>Oemleria cerasiformis</i> *		FACU	65			
<i>Crataegus monogyna</i> *		FACU+	25	Woody Vine Stratum (40%)		Status % Cover
<i>Prunus sp.</i>		NI	10	<i>Rubus discolor</i> *		FACU 85
				<i>Rubus ursinus</i>		FACU 15
*Percent of dominant species FAC, FACW, or OBL: 29%				Criteria Met: No		
Comments:						Determination: Upland



Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project: City of Eugene LWI	Number: 2762	Sample Site: WR-5-107
Applicant: City of Eugene	County: Lane	Date: 6/4/2003
Investigators: PF/ME	Township: 17S Range: 3W	Section: 33
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No
Is this an Atypical Situation? No		

	Primary Indicators	Secondary Indicators
HYDROLOGY	Inundated	Ox. rhizospheres
	Sat. in Upper 12"	H2O-stained leaves
Depth of Surf. H2O Inches	Water Marks	Local Soil Survey
Depth to Free H2O >8 Inches	Drift Lines	FAC Neutral Test
Depth to Saturation >8 Inches	Sediment Deposits	Other _____
	Drainage patterns	Criteria Met: <input type="checkbox"/> No

SOILS	Mapped Series: Fluvents, nearly level	Hydric Soil?:	Yes/No
	Classification: Fluvents	Drainage Class:	well to poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments
			Color	abundance/size/contrast		
0-8	10YR 3/2	S				Refusal at 8" due to 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 (40%)	Status	% Cover	Herbaceous Stratum (40%)	Status	% Cover		
<i>Populus trichocarpa</i> *	FAC	60	<i>Galium aparine</i> *	FACU	40		
<i>Acer macrophyllum</i> *	FACU	40	<i>Lactuca serriola</i> *	FACU	40		
			<i>Polystichum munitum</i>	FACU	10		
			<i>Elymus glaucus</i>	FACU	10		
Shrub Stratum (10%)	Status	% Cover					
<i>Berberis aquifolium</i> *	UPL	50					
<i>Oemleria cerasiformis</i> *	FACU	50	Woody Vine Stratum (10%)	Status	% Cover		
			<i>Hedera helix</i> *	UPL	60		
			<i>Rubus discolor</i> *	FACU	40		

*Percent of dominant species FAC, FACW, or OBL: **13%**

Criteria Met: No

Comments:

Determination: Upland



Wetland Determination Data Form

Routine Onsite Method

Pacific Habitat Services, Inc.

Project: City of Eugene LWI	Number: 2762	Sample Site: WR-5-108
Applicant: City of Eugene	County: Lane	Date: 6/4/2003
Investigators: PF/ME	Township: 17S Range: 3W	Section: 33
Do Normal Circumstances exist on this site? Yes		Is the area a potential Problem Area? No
Is this an Atypical Situation? No		

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

SOILS	Mapped Series: Fluvents, nearly level	Hydric Soil?:	Yes/No
	Classification: Fluvents	Drainage Class:	well to poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations		Other Hydric Soil Field Indicators	Comments
			Color	abundance/size/contrast		
0-16	10YR 3/2	SL	10YR 3/6	few/fine/prominent		

*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	Herbaceous Stratum	(50%)	Status	% Cover
<i>Fraxinus latifolia</i> *		FACW	100	<i>Carex obnupta</i> *		OBL	70
				<i>Phalaris arundinacea</i> *		FACW	25
				<i>Rubus ursinus</i>		FACU	5
Shrub Stratum	(5%)	Status	% Cover				
<i>Fraxinus latifolia</i> *		FACW	97				
<i>Rosa sp.</i>		NOL	3				
				Woody Vine Stratum	(0%)	Status	% Cover

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

Criteria Met: **Yes**

Comments:

Determination: **Wetland**

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	City of Eugene LWI	Wetland:	AMA-1
Project Location:	Lane County, Oregon	Wetland Type(s):	PEM
Date(s) of field work:	9/11/2003	Approx. Area (acres):	1.58
Onsite Assessment?:	No	Investigator(s):	SE/ME
Wetland Location:	East and west sides of Timberline Drive, south of Warren 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	B	Q-1		Q-1	C	Q-1	B	Q-1	B
Q-2	C	Q-2		Q-2	C	Q-2	C	Q-2	B
Q-3	C	Q-3		Q-3	A	Q-3	B	Q-3	C
Q-4	C	Q-4		Q-4	B	Q-4	B	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	C	Q-6	C
Q-7	A					Q-7	C		
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 lost or not present
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	B	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	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 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:	City of Eugene LWI	Wetland:	AMA-1
Location:	Lane County, Oregon	Approx. Area (acres):	1.58
Date:	9/11/2003	Wetland Types(s):	PEM
Result:	Wetland provides habitat for some wildlife species		
Rationale:	One Cowardin class with > 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 groundwater	Wetland is between 0.5 and 5 acres	
	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 lost or not present		
Rationale:	Wetland is not within 100 year floodplain	Herbaceous vegetation, no ponding	
	Wetland does not flood or pond	Open space downslope of development	
	Minor restrictions slow down the water	Open space 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 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%	
		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 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:	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:	City of Eugene LWI	Wetland:	AMA-2
Project Location:	Lane County, Oregon	Wetland Type(s):	PFO, PSS, PEM
Date(s) of field work:	9/26/2003	Approx. Area (acres):	0.70
Onsite Assessment?:	No	Investigator(s):	SE
Wetland Location:	East of Timberline Drive and Bailey Hill		

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	C	Q-2		Q-2	B	Q-2	B	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	C
Q-5	B	Q-5		Q-5	C	Q-5	C	Q-5	A
Q-6	B	Q-6		Q-6	C	Q-6	C	Q-6	C
Q-7	A					Q-7	C		
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 impacted or degraded
Hydrologic Control	Wetland's hydrologic control function is lost or not present
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	B	Q-2	A	Q-2	C	Q-2	C
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	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:	City of Eugene LWI	Wetland:	AMA-2
Location:	Lane County, Oregon	Approx. Area (acres):	0.70
Date:	9/26/2003	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 impacted or degraded		
Rationale:	Primary water source is groundwater	Wetland is between 0.5 and 5 acres	
	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 lost or not present		
Rationale:	Wetland is not 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	Open space 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 groundwater	Wetland buffer is greater than 40%	
		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:	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:	City of Eugene LWI	Wetland:	AMA-3
Project Location:	Lane County, Oregon	Wetland Type(s):	PSS, PEM
Date(s) of field work:	9/11/2003	Approx. Area (acres):	0.53
Onsite Assessment?:	Yes	Investigator(s):	SE/ME
Wetland Location:	East of Skyview Lane, north of Wintercreek 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	B
Q-2	B	Q-2		Q-2	A	Q-2	A	Q-2	B
Q-3	C	Q-3		Q-3	A	Q-3	B	Q-3	C
Q-4	B	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	C	Q-6	A	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 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	A	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	A
Q-4	B	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 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:	City of Eugene LWI	Wetland:	AMA-3
Location:	Lane County, Oregon	Approx. Area (acres):	0.53
Date:	9/11/2003	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 & ponding	Adjacent land is primarily open space	
	Between 0.5 - 1 acre 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	Wetland is between 0.5 and 5 acres	
	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 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	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 & 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%	
		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:	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:	City of Eugene LWI	Wetland:	AMA-4
Project Location:	Lane County, Oregon	Wetland Type(s):	PFO, PSS, PEM
Date(s) of field work:	9/11/2003	Approx. Area (acres):	1.43
Onsite Assessment?:	No (previously delineated)	Investigator(s):	SE/ME
Wetland Location:	East and west sides of Hawkins 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	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	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 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 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	A	Q-1	A
Q-2		Q-2	A	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	B
Q-5B		Q-5	A	Q-5	B	Q-5	A
Q-6		Q-6	A	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 provides recreational opportunities
Aesthetic Quality	Wetland is considered to be pleasing

Oregon Freshwater Wetland Assessment Methodology

Functions and Conditions Summary Sheet



Project:	City of Eugene LWI	Wetland:	AMA-4
Location:	Lane County, Oregon	Approx. Area (acres):	1.43
Date:	9/11/2003	Wetland Types(s):	PFO, 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 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	Wetland is between 0.5 and 5 acres	
	Wetland does not flood or pond	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 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 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	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 provides recreational opportunities		
Rationale:	Maintained 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 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:	City of Eugene LWI	Wetland:	AMA-5
Project Location:	Lane County, Oregon	Wetland Type(s):	PFO, PSS, PEM
Date(s) of field work:	9/11/2003	Approx. Area (acres):	1.23
Onsite Assessment?:	No (previously delineated)	Investigator(s):	SE/ME
Wetland Location:	East of Hawkins 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	A
Q-2	A	Q-2		Q-2	B	Q-2	B	Q-2	B
Q-3	B	Q-3		Q-3	A	Q-3	B	Q-3	C
Q-4	C	Q-4		Q-4	C	Q-4	C	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	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 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	A	Q-1	A
Q-2		Q-2	A	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	B
Q-5B		Q-5	A	Q-5	B	Q-5	A
Q-6		Q-6	A	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 provides recreational opportunities
Aesthetic Quality	Wetland is considered to be pleasing

Oregon Freshwater Wetland Assessment Methodology

Functions and Conditions Summary Sheet



Project:	City of Eugene LWI		Wetland:	AMA-5
Location:	Lane County, Oregon	Approx. Area (acres):	1.23	
Date:	9/11/2003	Wetland Types(s):	PFO, 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 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 impacted or degraded			
Rationale:	Primary water source is precipitation	Wetland is between 0.5 and 5 acres		
	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 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 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	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 provides recreational opportunities			
Rationale:	Maintained 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 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:	City of Eugene LWI	Wetland:	AMA-6
Project Location:	Lane County, Oregon	Wetland Type(s):	PEM
Date(s) of field work:	6/10/2003, 10/1/2003	Approx. Area (acres):	9.90
Onsite Assessment?:	Yes	Investigator(s):	PF/SE, ME/SE
Wetland Location:	Westmoreland Park east of Filmore Street, between 18th and 21st		

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	C	Q-2		Q-2	A	Q-2	A	Q-2	A
Q-3	A	Q-3		Q-3	B	Q-3	A	Q-3	C
Q-4	C	Q-4		Q-4	A	Q-4	A	Q-4	A
Q-5	C	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	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	A	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	A	Q-3	A
Q-4	A	Q-4	A	Q-4	B	Q-4	B
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:	City of Eugene LWI		Wetland:	AMA-6
Location:	Lane County, Oregon	Approx. Area (acres):	9.90	
Date:	6/10/2003, 10/1/2003		Wetland Types(s):	PEM
Result:	Wetland provides habitat for some wildlife species			
Rationale:	One Cowardin class with > 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 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 greater than 5 acres		
	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, 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 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 greater than 5 acres		
	Primary water source is precipitation	Wetland buffer is greater than 40%		
		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:	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:	City of Eugene LWI	Wetland:	AMA-7
Project Location:	Lane County, Oregon	Wetland Type(s):	R2UB
Date(s) of field work:	8/26/2003	Approx. Area (acres):	7.10
Onsite Assessment?:	Yes	Investigator(s):	SE
Wetland Location:	Between E. and W. Amazon Parkway, W. of Pearl St. to UGB Boundary		

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	C	Q-1	A	Q-1	A	Q-1	A
Q-2	B	Q-2	C	Q-2	A	Q-2	A	Q-2	B
Q-3	C	Q-3	C	Q-3	C	Q-3	A	Q-3	A
Q-4	A	Q-4	C	Q-4	A	Q-4	A	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	A	Q-6	A	Q-6	B
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 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	A	Q-1	A
Q-2	A	Q-2	A	Q-2	C	Q-2	C
Q-3	A	Q-3	B	Q-3	A	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 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:	City of Eugene LWI	Wetland:	AMA-7
Location:	Lane County, Oregon	Approx. Area (acres):	7.10
Date:	8/26/2003	Wetland Type(s):	R2UB
Result:	Wetland provides habitat for some wildlife species		
Rationale:	One Cowardin class with > 5 species	Adjacent Water Quality limited stream	
	Herbaceous vegetation & ponding	Adjacent land is mostly developed	
	Greater than 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	
	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	Wetland is greater than 5 acres	
	Wetland floods/ponds in growing season	Adjacent land is mostly developed	
	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	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 & 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 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 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:	City of Eugene LWI	Wetland:	AMA-8
Project Location:	Lane County, Oregon	Wetland Type(s):	PEM, PFO, PSS
Date(s) of field work:	6/10/2003	Approx. Area (acres):	4.17
Onsite Assessment?:	Yes	Investigator(s):	PF/SE
Wetland Location:	North of Crest Drive, just west 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	B	Q-1	C	Q-1	B	Q-1	A
Q-2	C	Q-2	B	Q-2	A	Q-2	A	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	C
Q-5	A	Q-5	A	Q-5	C	Q-5	C	Q-5	A
Q-6	A	Q-6	C	Q-6	C	Q-6	A	Q-6	C
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	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	A	Q-1	A	Q-1	A
Q-2	B	Q-2	A	Q-2	C	Q-2	B
Q-3		Q-3	B	Q-3	A	Q-3	B
Q-4	B	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 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:	City of Eugene LWI	Wetland:	AMA-8
Location:	Lane County, Oregon	Approx. Area (acres):	4.17
Date:	6/10/2003	Wetland Type(s):	PEM, PFO, 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 primarily open space	
	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 primarily open space	
	<10% 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 groundwater	Wetland is between 0.5 and 5 acres	
	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	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 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 groundwater	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 pleasing		
Rationale:	More than two Cowardin classes are 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:	City of Eugene LWI	Wetland:	AMA-9
Project Location:	Lane County, Oregon	Wetland Type(s):	PFO, PEM
Date(s) of field work:	8/29/2003	Approx. Area (acres):	14.84
Onsite Assessment?:	Yes	Investigator(s):	SE/CR
Wetland Location:	East of Amazon Parkway between 24th and 29th 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	A	Q-2	A	Q-2	A
Q-3	B	Q-3		Q-3	A	Q-3	A	Q-3	A
Q-4	C	Q-4		Q-4	A	Q-4	C	Q-4	C
Q-5	B	Q-5		Q-5	C	Q-5	A	Q-5	C
Q-6	B	Q-6		Q-6	A	Q-6	A	Q-6	A
Q-7	C					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 intact
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	A	Q-1	A	Q-1	A	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	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	C	Q-6	A	Q-6	B	Q-6	B

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 pleasing

Oregon Freshwater Wetland Assessment Methodology

Functions and Conditions Summary Sheet



Project:	City of Eugene LWI	Wetland:	AMA-9
Location:	Lane County, Oregon	Approx. Area (acres):	14.84
Date:	8/29/2003	Wetland Types(s):	PFO, PEM
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 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 intact		
Rationale:	Primary water source is precipitation	Wetland is greater than 5 acres	
	Wetland floods/ponds in growing season	Adjacent land is primarily open space	
	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	Development downslope of wetland	
	Water has unrestricted flow out of wetland	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 mostly open space	
	Adjacent Water Quality Limited stream	Dominated by woody vegetation	
Result:	Wetland has moderate potential for enhancement		
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%	
		Wetland is 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:	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	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:	City of Eugene LWI	Wetland:	AMA-10
Project Location:	Lane County, Oregon	Wetland Type(s):	PFO, PEM
Date(s) of field work:	8/29/2003	Approx. Area (acres):	1.42
Onsite Assessment?:	Yes	Investigator(s):	SE/CR
Wetland Location:	West of Amazon Parkway, South of 24th 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	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	A	Q-3	B	Q-3	A
Q-4	C	Q-4		Q-4	B	Q-4	A	Q-4	C
Q-5	B	Q-5		Q-5	C	Q-5	A	Q-5	C
Q-6	B	Q-6		Q-6	A	Q-6	A	Q-6	A
Q-7	C					Q-7	A		
Q-8	A								
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 intact
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	A	Q-1	A	Q-1	A	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	A
Q-4	B	Q-4	A	Q-4	B	Q-4	B
Q-5B	C	Q-5	A	Q-5	B	Q-5	A
Q-6	C	Q-6	A	Q-6	B	Q-6	B

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 pleasing

Oregon Freshwater Wetland Assessment Methodology

Functions and Conditions Summary Sheet



Project:	City of Eugene LWI	Wetland:	AMA-10
Location:	Lane County, Oregon	Approx. Area (acres):	1.42
Date:	8/29/2003	Wetland Types(s):	PFO, PEM
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 primarily open space	
	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 intact		
Rationale:	Primary water source is precipitation	Wetland is between 0.5 and 5 acres	
	Wetland floods/ponds in growing season	Adjacent land is primarily open space	
	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	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 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 mostly open space	
	Adjacent Water Quality Limited stream	Dominated by woody vegetation	
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%	
		Wetland is 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:	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	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:	City of Eugene LWI	Wetland:	AMA-11
Project Location:	Lane County, Oregon	Wetland Type(s):	PEM
Date(s) of field work:	8/29/2003	Approx. Area (acres):	8.36
Onsite Assessment?:	Yes	Investigator(s):	SE/CR
Wetland Location:	East of Hillyard Street between 25th and 27th 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	B	Q-1		Q-1	B	Q-1	A	Q-1	A
Q-2	C	Q-2		Q-2	A	Q-2	A	Q-2	A
Q-3	C	Q-3		Q-3	A	Q-3	A	Q-3	A
Q-4	C	Q-4		Q-4	A	Q-4	C	Q-4	C
Q-5	B	Q-5		Q-5	C	Q-5	C	Q-5	C
Q-6	B	Q-6		Q-6	A	Q-6	A	Q-6	C
Q-7	C					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 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	A	Q-1	C
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	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 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:	City of Eugene LWI	Wetland:	AMA-11
Location:	Lane County, Oregon	Approx. Area (acres):	8.36
Date:	8/29/2003	Wetland Types(s):	PEM
Result:	Wetland provides habitat for some wildlife species		
Rationale:	One Cowardin class with > 5 species	Adjacent Water Quality limited stream	
	Herbaceous vegetation, no 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 intact		
Rationale:	Primary water source is precipitation	Wetland is greater than 5 acres	
	Wetland floods/ponds in growing season	Adjacent land is primarily open space	
	High wetland vegetation cover	Adjacent Water Quality Limited stream	
Result:	Wetland's hydrologic control function is intact		
Rationale:	Wetland is 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 primarily open space	
	Water is taken out or isolated wetland	Adjacent zoning is mostly open space	
	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 precipitation	Wetland buffer is between 10% and 40%	
		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:	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

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Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	City of Eugene LWI	Wetland:	AMA-12
Project Location:	Lane County, Oregon	Wetland Type(s):	PFO, PSS, PEM
Date(s) of field work:	10/1/2003	Approx. Area (acres):	1.03
Onsite Assessment?:	Yes	Investigator(s):	SE/ME
Wetland Location:	West of Hillyard Street between 28th and 30th 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	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	B	Q-3	B	Q-3	A
Q-4	C	Q-4		Q-4	B	Q-4	C	Q-4	C
Q-5	A	Q-5		Q-5	C	Q-5	A	Q-5	C
Q-6	A	Q-6		Q-6	A	Q-6	C	Q-6	A
Q-7	C					Q-7	C		
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		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	B	Q-5	A	Q-5	B	Q-5	B
Q-6	B	Q-6	A	Q-6	B	Q-6	B

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:	City of Eugene LWI	Wetland:	AMA-12
Location:	Lane County, Oregon	Approx. Area (acres):	1.03
Date:	10/1/2003	Wetland Types(s):	PFO, PSS, PEM
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 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	Wetland is between 0.5 and 5 acres	
	Wetland floods/ponds in growing season	Adjacent land is primarily open space	
	Moderate vegetation cover	Adjacent Water Quality Limited stream	
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	Open space 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	
	Adjacent Water Quality Limited stream	Dominated by woody vegetation	
Result:	Wetland has high enhancement potential		
Rationale:	One or more functions lost/not present	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 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	Unpleasant odors are present sometimes	
	No visual detractors are present	Continuous traffic and natural noises occur	

Oregon Freshwater Wetland Assessment Methodology

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Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	City of Eugene LWI	Wetland:	AMA-13
Project Location:	Lane County, Oregon	Wetland Type(s):	PFO, PEM
Date(s) of field work:	10/17/2003	Approx. Area (acres):	1.43
Onsite Assessment?:	Yes	Investigator(s):	JVS/CR
Wetland Location:	West of Fox Hollow Drive, south of Owl 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	A
Q-2	A	Q-2		Q-2	C	Q-2	C	Q-2	A
Q-3	B	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	B	Q-5		Q-5	C	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	C		
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 lost or not present
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		Q-2	A	Q-2	C	Q-2	B
Q-3		Q-3	A	Q-3	C	Q-3	A
Q-4		Q-4	C	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:	City of Eugene LWI	Wetland:	AMA-13
Location:	Lane County, Oregon	Approx. Area (acres):	1.43
Date:	10/17/2003	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:	Fish habitat was not assessed for this wetland		
Rationale:			
Result:	Wetland's water-quality function is lost or not present		
Rationale:	Primary water source is groundwater	Wetland is between 0.5 and 5 acres	
	Wetland does not flood or pond	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 does not flood or pond	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 is primarily open space	
	Water is taken out or isolated wetland	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	
	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 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	
	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:	City of Eugene LWI	Wetland:	AMA-14
Project Location:	Lane County, Oregon	Wetland Type(s):	PFO, PSS, PEM
Date(s) of field work:	11/25/2003	Approx. Area (acres):	0.86
Onsite Assessment?:	No	Investigator(s):	SE/ME
Wetland Location:	Northeast corner of Shasta Loop and Barber 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	A	Q-1	B	Q-1	B
Q-2	B	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	A	Q-5		Q-5	A	Q-5	B	Q-5	A
Q-6	A	Q-6		Q-6	C	Q-6	A	Q-6	B
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 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	A
Q-2	A	Q-2	A	Q-2	C	Q-2	A
Q-3	A	Q-3	B	Q-3	C	Q-3	A
Q-4	B	Q-4	C	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 pleasing

Oregon Freshwater Wetland Assessment Methodology

Functions and Conditions Summary Sheet



Project:	City of Eugene LWI	Wetland:	AMA-14
Location:	Lane County, Oregon	Approx. Area (acres):	0.86
Date:	11/25/2003	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 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 surface flow	Wetland is between 0.5 and 5 acres	
	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 & 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 & 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 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 pleasing		
Rationale:	More than two Cowardin classes are 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:	City of Eugene LWI	Wetland:	AMA-15
Project Location:	Lane County, Oregon	Wetland Type(s):	PFO, PEM
Date(s) of field work:	9/11/2003	Approx. Area (acres):	2.38
Onsite Assessment?:	No	Investigator(s):	SE/ME
Wetland Location:	Northeast corner of Greenhill Road and Bonnie Heights 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	A	Q-2		Q-2	B	Q-2	B	Q-2	B
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	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	B	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	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	A
Q-4	B	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	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 considered to be pleasing

Oregon Freshwater Wetland Assessment Methodology

Functions and Conditions Summary Sheet



Project:	City of Eugene LWI	Wetland:	AMA-15
Location:	Lane County, Oregon	Approx. Area (acres):	2.38
Date:	9/11/2003	Wetland Types(s):	PFO, 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 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	Wetland is between 0.5 and 5 acres	
	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	Agriculture downslope of wetland	
	Flow out of wetland is restricted	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	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%	
		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 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	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:	City of Eugene LWI	Wetland:	AMA-16
Project Location:	Lane County, Oregon	Wetland Type(s):	PEM
Date(s) of field work:	10/1/2003	Approx. Area (acres):	0.89
Onsite Assessment?:	Yes	Investigator(s):	SE/ME
Wetland Location:	West of Amazon Parkway, east of 28th 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	B	Q-1		Q-1	B	Q-1	B	Q-1	B
Q-2	B	Q-2		Q-2	A	Q-2	A	Q-2	B
Q-3	C	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	B	Q-5	C
Q-6	A	Q-6		Q-6	C	Q-6	A	Q-6	B
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 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	B	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	B	Q-4	C	Q-4	B	Q-4	C
Q-5B	C	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 has potential 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:	City of Eugene LWI	Wetland:	AMA-16
Location:	Lane County, Oregon	Approx. Area (acres):	0.89
Date:	10/1/2003	Wetland Types(s):	PEM
Result:	Wetland provides habitat for some wildlife species		
Rationale:	One Cowardin class with > 5 species	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 less than 10%	
Result:	Fish habitat was not assessed for this wetland		
Rationale:			
Result:	Wetland's water-quality function is intact		
Rationale:	Primary water source is precipitation	Wetland is between 0.5 and 5 acres	
	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 & 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 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 between 0.5 and 5 acres	
	Primary water source is precipitation	Wetland buffer is less than 10%	
		Potentially sensitive to future impacts	
Result:	Wetland has potential for educational use		
Rationale:	Wetland is open to the public	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:	One Cowardin class is visible	Wetland surrounded by development	
	>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:	City of Eugene LWI	Wetland:	BD-1
Project Location:	Lane County, Oregon	Wetland Type(s):	PEM, PSS
Date(s) of field work:	11/4/2003	Approx. Area (acres):	4.09
Onsite Assessment?:	No	Investigator(s):	ME
Wetland Location:	S. of Beltline Rd. and Barger Dr. to W. of Terry St. and Jessen Ave.		

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	B	Q-2	B	Q-2	A	Q-2	A	Q-2	B
Q-3	B	Q-3	C	Q-3	C	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	B	Q-5	A
Q-6	A	Q-6	B	Q-6	C	Q-6	B	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 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	B	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	A
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	B

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:	City of Eugene LWI	Wetland:	BD-1
Location:	Lane County, Oregon	Approx. Area (acres):	4.09
Date:	11/4/2003	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:	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 impacted or degraded		
Rationale:	Primary water source is surface flow	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 within 100 year floodplain	Herbaceous vegetation & 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 & 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 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	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	
	Less than 25% 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:	City of Eugene LWI	Wetland:	BD-2
Project Location:	Lane County, Oregon	Wetland Type(s):	PFO, PAB, PEM
Date(s) of field work:	7/31/2003	Approx. Area (acres):	5.35
Onsite Assessment?:	No	Investigator(s):	JVS/CR
Wetland Location:	West of Terry Street, North of Sugar Pine Circle		

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	A	Q-1	A
Q-2	A	Q-2	C	Q-2	A	Q-2	A	Q-2	B
Q-3	C	Q-3	C	Q-3	C	Q-3	A	Q-3	C
Q-4	B	Q-4	A	Q-4	A	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	C	Q-6	C	Q-6	B	Q-6	A
Q-7	A					Q-7	B		
Q-8	A								
Q-9A									
Q-9B	C								

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 lost or not present
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	B	Q-2	A	Q-2	C	Q-2	C
Q-3		Q-3	B	Q-3	B	Q-3	A
Q-4	A	Q-4	C	Q-4	B	Q-4	C
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 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:	City of Eugene LWI	Wetland:	BD-2
Location:	Lane County, Oregon	Approx. Area (acres):	5.35
Date:	7/31/2003	Wetland Types(s):	PFO, PAB, 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	
	Between 0.5 - 1 acre of open water	Wetland buffer is less than 10%	
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	Stream does not contain fish	
Result:	Wetland's water-quality function is lost or not present		
Rationale:	Primary water source is groundwater	Wetland is more than 5 acres in size	
	Wetland floods/ponds in growing season	Adjacent land is primarily open space	
	Low 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	Agriculture downslope of wetland	
	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 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 greater than 5 acres	
	Primary water source is groundwater	Wetland buffer is less than 10%	
		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	
	Unmaintained 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	
	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:	City of Eugene LWI	Wetland:	BD-3
Project Location:	Lane County, Oregon	Wetland Type(s):	PEM
Date(s) of field work:	7/10/2003	Approx. Area (acres):	5.71
Onsite Assessment?:	Yes (previously delineated)	Investigator(s):	PF/ME
Wetland Location:	N. of Praslin Street, west of Heitzman Way		

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	A	Q-1	A
Q-2	C	Q-2		Q-2	A	Q-2	A	Q-2	A
Q-3	C	Q-3		Q-3	A	Q-3	A	Q-3	C
Q-4	C	Q-4		Q-4	A	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	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 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	A
Q-3		Q-3	B	Q-3	C	Q-3	C
Q-4	A	Q-4	A	Q-4	B	Q-4	C
Q-5B	C	Q-5	C	Q-5	B	Q-5	B
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 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:	City of Eugene LWI	Wetland:	BD-3
Location:	Lane County, Oregon	Approx. Area (acres):	5.71
Date:	7/10/2003	Wetland Types(s):	PEM
Result:	Wetland provides habitat for some wildlife species		
Rationale:	One Cowardin class with > 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 intact		
Rationale:	Primary water source is precipitation	Wetland is less than 0.5 acres	
	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	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 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 greater than 5 acres	
	Primary water source is precipitation	Wetland buffer is less than 10%	
		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 limited mobility accessible	
	Public access to other habitats exist		
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	

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	City of Eugene LWI	Wetland:	BD-4
Project Location:	Lane County, Oregon	Wetland Type(s):	PEMf, PEM
Date(s) of field work:	7/23/2003	Approx. Area (acres):	9.06
Onsite Assessment?:	Yes (previously delineated)	Investigator(s):	PF/JVS
Wetland Location:	East of Legacy 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	B
Q-2	C	Q-2		Q-2	A	Q-2	A	Q-2	B
Q-3	B	Q-3		Q-3	A	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	C	Q-5	A
Q-6	B	Q-6		Q-6	C	Q-6	B	Q-6	C
Q-7	A					Q-7	A		
Q-8	B								
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 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	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	A	Q-4	A	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 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:	City of Eugene LWI	Wetland:	BD-4
Location:	Lane County, Oregon	Approx. Area (acres):	9.06
Date:	7/23/2003	Wetland Types(s):	PEMf, 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 use is primarily agriculture	
	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 intact		
Rationale:	Primary water source is precipitation	Wetland is greater than 5 acres	
	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 function is intact		
Rationale:	Wetland is 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 greater than 5 acres	
	Primary water source is precipitation	Wetland buffer is less than 10%	
		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 not limited mobility accessible	
	Public access to other habitats exist		
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:	City of Eugene LWI	Wetland:	BD-5
Project Location:	Lane County, Oregon	Wetland Type(s):	PEMf
Date(s) of field work:	7/23/2003	Approx. Area (acres):	26.93
Onsite Assessment?:	No (previously delineated)	Investigator(s):	JVS/PF
Wetland Location:	East of Greenhill Road, South of Amazon Creek		

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	A	Q-3	A
Q-4	C	Q-4		Q-4	A	Q-4	A	Q-4	B
Q-5	B	Q-5		Q-5	B	Q-5	C	Q-5	B
Q-6	B	Q-6		Q-6	A	Q-6	B	Q-6	C
Q-7	C					Q-7	B		
Q-8	B								
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	A
Q-4	A	Q-4	C	Q-4	B	Q-4	B
Q-5B	C	Q-5	A	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 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:	City of Eugene LWI	Wetland:	BD-5
Location:	Lane County, Oregon	Approx. Area (acres):	26.93
Date:	7/23/2003	Wetland Types(s):	PEMf
Result:	Wetland provides habitat for some wildlife species		
Rationale:	One Class with less than 5 species	Adjacent Water Quality limited stream	
	Herbaceous vegetation, no ponding	Adjacent land use is primarily agriculture	
	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	Wetland is greater than 5 acres	
	Wetland floods/ponds in growing season	Adjacent land use is primarily agriculture	
	Low vegetation cover	Adjacent Water Quality Limited stream	
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	
	Flow out of wetland is restricted	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 agriculture	
	Adjacent Water Quality Limited stream	Herbaceous vegetation, no ponding	
Result:	Wetland has moderate potential for enhancement		
Rationale:	Wetland functions are impacted or degraded	Wetland is greater than 5 acres	
	Primary water source is precipitation	Wetland buffer is less than 10%	
		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 not 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 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:	City of Eugene LWI	Wetland:	BD-6
Project Location:	Lane County, Oregon	Wetland Type(s):	PEMf
Date(s) of field work:	N/A	Approx. Area (acres):	13.87
Onsite Assessment?:	No	Investigator(s):	ME
Wetland Location:	North of the Greenhill Tributary, West of Austin Way		

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	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	C	Q-5	B
Q-6	B	Q-6		Q-6	C	Q-6	B	Q-6	C
Q-7	A					Q-7	B		
Q-8	B								
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	A
Q-4	A	Q-4	C	Q-4	B	Q-4	B
Q-5B	C	Q-5	A	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 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:	City of Eugene LWI	Wetland:	BD-6
Location:	Lane County, Oregon	Approx. Area (acres):	13.87
Date:	N/A	Wetland Types(s):	PEMf
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 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	Wetland is greater than 5 acres	
	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	Agriculture 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 agriculture	
	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 greater than 5 acres	
	Primary water source is precipitation	Wetland buffer is less than 10%	
		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 not 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 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:	City of Eugene LWI	Wetland:	BD-7
Project Location:	Lane County, Oregon	Wetland Type(s):	PEMf, PEM
Date(s) of field work:	7/23/2003	Approx. Area (acres):	25.72
Onsite Assessment?:	No (previously delineated)	Investigator(s):	PF/JVS
Wetland Location:	South of Donohoe Avenue, North of Royal 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	B	Q-1		Q-1	B	Q-1	A	Q-1	A
Q-2	C	Q-2		Q-2	A	Q-2	A	Q-2	B
Q-3	B	Q-3		Q-3	C	Q-3	A	Q-3	A
Q-4	C	Q-4		Q-4	A	Q-4	C	Q-4	B
Q-5	A	Q-5		Q-5	B	Q-5	C	Q-5	B
Q-6	A	Q-6		Q-6	A	Q-6	B	Q-6	C
Q-7	C					Q-7	A		
Q-8	B								
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 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	C
Q-3		Q-3	B	Q-3	C	Q-3	A
Q-4	A	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:	City of Eugene LWI	Wetland:	BD-7
Location:	Lane County, Oregon	Approx. Area (acres):	25.72
Date:	7/23/2003	Wetland Type(s):	PEMf, PEM
Result:	Wetland provides habitat for some wildlife species		
Rationale:	One Cowardin class with > 5 species	Adjacent Water Quality limited stream	
	Herbaceous vegetation, no ponding	Adjacent land use is primarily agriculture	
	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	Wetland is more than 5 acres in size	
	Wetland floods/ponds in growing season	Adjacent land use is primarily agriculture	
	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, 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 use is primarily agriculture	
	Water not taken out	Adjacent zoning is primarily agriculture	
	Adjacent Water Quality Limited stream	Herbaceous vegetation, no ponding	
Result:	Wetland has moderate potential for enhancement		
Rationale:	Wetland functions are impacted or degraded	Wetland is greater than 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	
	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

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Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	City of Eugene LWI	Wetland:	BD-8
Project Location:	Lane County, Oregon	Wetland Type(s):	PEM
Date(s) of field work:	7/23/2003	Approx. Area (acres):	9.12
Onsite Assessment?:	No	Investigator(s):	PF/JVS
Wetland Location:	West of Terry Street, between Donahoe and Royal Avenues		

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	A	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	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		Q-6	C	Q-6	B	Q-6	B
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	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	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	A	Q-4	B	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 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:	City of Eugene LWI		Wetland:	BD-8
Location:	Lane County, Oregon	Approx. Area (acres):	9.12	
Date:	7/23/2003	Wetland Types(s):	PEM	
Result:	Wetland provides habitat for some wildlife species			
Rationale:	One Cowardin class with > 5 species	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 less than 10%		
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	Stream does not contain fish		
Result:	Wetland's water-quality function is intact			
Rationale:	Primary water source is precipitation	Wetland is greater than 5 acres		
	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	Herbaceous vegetation & 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 & ponding		
Result:	Wetland has moderate potential for enhancement			
Rationale:	Wetland functions are impacted or degraded	Wetland is greater than 5 acres		
	Primary water source is precipitation	Wetland buffer is less than 10%		
	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 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:	City of Eugene LWI	Wetland:	BD-9
Project Location:	Lane County, Oregon	Wetland Type(s):	PEM, PEMf
Date(s) of field work:	7/16/2003	Approx. Area (acres):	65.37
Onsite Assessment?:	Yes	Investigator(s):	JVS/PF
Wetland Location:	South of Royal Avenue, East of Amazon Creek, west of Terry St.		

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	A	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	A	Q-3	A
Q-4	C	Q-4		Q-4	A	Q-4	A	Q-4	B
Q-5	B	Q-5		Q-5	B	Q-5	C	Q-5	B
Q-6	A	Q-6		Q-6	A	Q-6	B	Q-6	C
Q-7	C					Q-7	B		
Q-8	B								
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 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	C
Q-2	C	Q-2	A	Q-2	C	Q-2	A
Q-3		Q-3	B	Q-3	A	Q-3	B
Q-4	A	Q-4	A	Q-4	B	Q-4	B
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 provides recreational opportunities
Aesthetic Quality	Wetland is considered to be pleasing

Oregon Freshwater Wetland Assessment Methodology

Functions and Conditions Summary Sheet



Project:	City of Eugene LWI		Wetland:	BD-9
Location:	Lane County, Oregon	Approx. Area (acres):	65.37	
Date:	7/16/2003	Wetland Types(s):	PEM, PEMf	
Result:	Wetland provides habitat for some wildlife species			
Rationale:	One Cowardin class with > 5 species	Adjacent Water Quality limited stream		
	Herbaceous vegetation, no ponding	Adjacent land use is primarily agriculture		
	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	Wetland is more than 5 acres in size		
	Wetland floods/ponds in growing season	Adjacent land use is primarily agriculture		
	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, no ponding		
	Wetland floods/ponds in growing season	Agriculture downslope of wetland		
	Flow out of wetland is restricted	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 agriculture		
	Adjacent Water Quality Limited stream	Herbaceous vegetation, no ponding		
Result:	Wetland has moderate potential for enhancement			
Rationale:	Wetland functions are impacted or degraded	Wetland is greater than 5 acres		
	Primary water source is precipitation	Wetland buffer is less than 10%		
		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 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		
	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:	City of Eugene LWI	Wetland:	BD-10
Project Location:	Lane County, Oregon	Wetland Type(s):	PEM
Date(s) of field work:	7/23/2003	Approx. Area (acres):	7.36
Onsite Assessment?:	Yes	Investigator(s):	JVS/PF
Wetland Location:	East and west of Glenhaven Road, South of Royal 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	B	Q-1		Q-1	B	Q-1	A	Q-1	A
Q-2	C	Q-2		Q-2	B	Q-2	B	Q-2	B
Q-3	C	Q-3		Q-3	A	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	C	Q-5	B
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	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	B
Q-3		Q-3	B	Q-3	C	Q-3	A
Q-4	A	Q-4	B	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:	City of Eugene LWI		Wetland:	BD-10
Location:	Lane County, Oregon	Approx. Area (acres):	7.36	
Date:	7/23/2003	Wetland Types(s):	PEM	
Result:	Wetland provides habitat for some wildlife species			
Rationale:	One Cowardin class with > 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 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	Wetland is more than 5 acres in size		
	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	Herbaceous vegetation, no ponding		
	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 use is primarily agriculture		
	Water not taken out	Adjacent zoning is primarily agriculture		
	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 greater than 5 acres		
	Primary water source is precipitation	Wetland buffer is less than 10%		
		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:	City of Eugene LWI	Wetland:	BD-11
Project Location:	Lane County, Oregon	Wetland Type(s):	PEM
Date(s) of field work:	7/23/2003	Approx. Area (acres):	0.57
Onsite Assessment?:	No	Investigator(s):	JVS/PF
Wetland Location:	South of Royal Avenue, West of Glenhaven 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	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	C	Q-4	A
Q-5	B	Q-5		Q-5	A	Q-5	C	Q-5	B
Q-6	B	Q-6		Q-6	C	Q-6	B	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 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	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	A
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 considered to be pleasing

Oregon Freshwater Wetland Assessment Methodology

Functions and Conditions Summary Sheet



Project:	City of Eugene LWI		Wetland:	BD-11
Location:	Lane County, Oregon		Approx. Area (acres):	0.57
Date:	7/23/2003		Wetland Types(s):	PEM
Result:	Wetland provides habitat for some wildlife species			
Rationale:	One Cowardin class with > 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 intact			
Rationale:	Primary water source is precipitation		Wetland is between 0.5 and 5 acres	
	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		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 is taken out or isolated wetland		Adjacent zoning is primarily agriculture	
	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%	
	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 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:	City of Eugene LWI	Wetland:	BD-12
Project Location:	Lane County, Oregon	Wetland Type(s):	PAB, PSS
Date(s) of field work:	7/31/2003	Approx. Area (acres):	4.47
Onsite Assessment?:	No	Investigator(s):	JVS/CR
Wetland Location:	N. of Cody Avenue, between Golden Gardens and DeVos 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	A	Q-1	C	Q-1	B	Q-1	A
Q-2	B	Q-2	C	Q-2	A	Q-2	A	Q-2	B
Q-3	C	Q-3	C	Q-3	C	Q-3	B	Q-3	C
Q-4	A	Q-4	A	Q-4	B	Q-4	B	Q-4	A
Q-5	B	Q-5	C	Q-5	A	Q-5	B	Q-5	A
Q-6	B	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	C								

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	B	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	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 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:	City of Eugene LWI	Wetland:	BD-12
Location:	Lane County, Oregon	Approx. Area (acres):	4.47
Date:	7/31/2003	Wetland Types(s):	PAB, 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	
	Greater than 1 acre of open water	Wetland buffer is less than 10%	
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 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 groundwater	Wetland is between 0.5 and 5 acres	
	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 & ponding	
	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	Herbaceous vegetation & 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 groundwater	Wetland buffer is less than 10%	
		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	
	>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

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Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	City of Eugene LWI	Wetland:	BD-13
Project Location:	Lane County, Oregon	Wetland Type(s):	PSS, PEM
Date(s) of field work:	8/8/2003	Approx. Area (acres):	2.66
Onsite Assessment?:	No	Investigator(s):	JVS/PF
Wetland Location:	E. of Shasta Middle School, W. of Beltline, S. of Barger Ave.		

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	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	C
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	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 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	B
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	C
Q-5B	C	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 has potential 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:	City of Eugene LWI	Wetland:	BD-13
Location:	Lane County, Oregon	Approx. Area (acres):	2.66
Date:	8/8/2003	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 less than 10%	
Result:	Fish habitat was not assessed for this wetland		
Rationale:			
Result:	Wetland's water-quality function is intact		
Rationale:	Primary water source is precipitation	Wetland is between 0.5 and 5 acres	
	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 mostly open space	
	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 between 0.5 and 5 acres	
	Primary water source is precipitation	Wetland buffer is less than 10%	
	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 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:	Two Cowardin classes visible	Wetland surrounded by development	
	>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:	City of Eugene LWI	Wetland:	BD-14
Project Location:	Lane County, Oregon	Wetland Type(s):	PEM
Date(s) of field work:	8/8/2003	Approx. Area (acres):	1.57
Onsite Assessment?:	No	Investigator(s):	JVS/CR
Wetland Location:	Roadway cloverleaf, East of Prairie Rd., N. of Beltline Rd., S. of offramp.		

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	C	Q-1	B	Q-1	B
Q-2	B	Q-2		Q-2	A	Q-2	A	Q-2	B
Q-3	C	Q-3		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	B	Q-5	A
Q-6	A	Q-6		Q-6	C	Q-6	A	Q-6	B
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	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	C
Q-2	B	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	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 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:	City of Eugene LWI	Wetland:	BD-14
Location:	Lane County, Oregon	Approx. Area (acres):	1.57
Date:	8/8/2003	Wetland Types(s):	PEM
Result:	Wetland provides habitat for some wildlife species		
Rationale:	One Cowardin class with > 5 species	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 less than 10%	
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	Stream does not contain fish	
Result:	Wetland's water-quality function is impacted or degraded		
Rationale:	Primary water source is groundwater	Wetland is between 0.5 and 5 acres	
	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 & 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 & 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 groundwater	Wetland buffer is less than 10%	
		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	
	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:	City of Eugene LWI	Wetland:	BD-15
Project Location:	Lane County, Oregon	Wetland Type(s):	PEM
Date(s) of field work:	8/8/2003	Approx. Area (acres):	0.63
Onsite Assessment?:	No	Investigator(s):	JVS/CR
Wetland Location:	SW corner of the Highway 99 and Beltline Road intersection		

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	C	Q-1	A	Q-1	A
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	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 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	B	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	B	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 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:	City of Eugene LWI	Wetland:	BD-15
Location:	Lane County, Oregon	Approx. Area (acres):	0.63
Date:	8/8/2003	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 groundwater	Wetland is between 0.5 and 5 acres	
	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	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 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 groundwater	Wetland buffer is less than 10%	
		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 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	

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	City of Eugene LWI	Wetland:	BD-16
Project Location:	Lane County, Oregon	Wetland Type(s):	PEM
Date(s) of field work:	8/8/2003	Approx. Area (acres):	1.97
Onsite Assessment?:	No	Investigator(s):	JVS/CR
Wetland Location:	SW corner of the Highway 99 and Beltline Road intersection		

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	C	Q-1	A	Q-1	A
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	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 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	B	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	B	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 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:	City of Eugene LWI	Wetland:	BD-16
Location:	Lane County, Oregon	Approx. Area (acres):	1.97
Date:	8/8/2003	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 groundwater	Wetland is between 0.5 and 5 acres	
	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	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 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 groundwater	Wetland buffer is less than 10%	
		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 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	

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	City of Eugene LWI	Wetland:	BD-17
Project Location:	Lane County, Oregon	Wetland Type(s):	PEM
Date(s) of field work:	8/8/2003	Approx. Area (acres):	1.01
Onsite Assessment?:	No	Investigator(s):	JVS/CR
Wetland Location:	NW corner of the Highway 99 and Beltline Road intersection		

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	C	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	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	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	C
Q-2	B	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	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:	City of Eugene LWI	Wetland:	BD-17
Location:	Lane County, Oregon	Approx. Area (acres):	1.01
Date:	8/8/2003	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 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	Wetland is between 0.5 and 5 acres	
	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 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 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 greater than 40%	
		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	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:	City of Eugene LWI	Wetland:	BD-18
Project Location:	Lane County, Oregon	Wetland Type(s):	PEM
Date(s) of field work:	8/8/2003	Approx. Area (acres):	1.03
Onsite Assessment?:	No (previously delineated)	Investigator(s):	JVS/CR
Wetland Location:	E.of Danebo St., NW corner of Beltline Road and Roosevelt Blvd.		

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	C	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	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	C	Q-5	B
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	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	B	Q-2	A	Q-2	C	Q-2	C
Q-3		Q-3	B	Q-3	C	Q-3	A
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	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 not aesthetically pleasing

Oregon Freshwater Wetland Assessment Methodology

Functions and Conditions Summary Sheet



Project:	City of Eugene LWI	Wetland:	BD-18
Location:	Lane County, Oregon	Approx. Area (acres):	1.03
Date:	8/8/2003	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 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	Wetland is between 0.5 and 5 acres	
	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 is taken out or isolated wetland	Adjacent zoning is primarily agriculture	
	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 groundwater	Wetland buffer is greater than 40%	
		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 development	
	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:	City of Eugene LWI	Wetland:	BD-19
Project Location:	Lane County, Oregon	Wetland Type(s):	PSS, PEM
Date(s) of field work:	10/10/2003	Approx. Area (acres):	3.70
Onsite Assessment?:	No	Investigator(s):	JVS, CR
Wetland Location:	North of Roosevelt Road, W. of Highway 99 to Beltline 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	C	Q-1	A	Q-1	B	Q-1	A
Q-2	B	Q-2	C	Q-2	A	Q-2	A	Q-2	B
Q-3	C	Q-3	C	Q-3	C	Q-3	B	Q-3	C
Q-4	A	Q-4	A	Q-4	B	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	C								

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	A	Q-1	A	Q-1	B
Q-2	A	Q-2	B	Q-2	C	Q-2	B
Q-3	A	Q-3	B	Q-3	A	Q-3	C
Q-4	B	Q-4	C	Q-4	B	Q-4	C
Q-5B	C	Q-5	A	Q-5	B	Q-5	B
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 provides recreational opportunities
Aesthetic Quality	Wetland is not aesthetically pleasing

Oregon Freshwater Wetland Assessment Methodology

Functions and Conditions Summary Sheet



Project:	City of Eugene LWI	Wetland:	BD-19
Location:	Lane County, Oregon	Approx. Area (acres):	3.70
Date:	10/10/2003	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 & ponding	Adjacent land is mostly developed	
	Greater than 1 acre of open water	Wetland buffer is less than 10%	
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 surface flow	Wetland is between 0.5 and 5 acres	
	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 & 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 between 0.5 and 5 acres	
	Primary water source is surface flow	Wetland buffer is less than 10%	
	Flow into wetland is not restricted	Potentially sensitive to future impacts	
Result:	Wetland has potential for educational use		
Rationale:	Wetland is open to the public	Maintained public access within 250 feet	
	1 or 2 visible safety hazards	Wetland is limited mobility accessible	
	No access or observation of other habitats		
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:	Two Cowardin classes visible	Wetland surrounded by development	
	25 - 50% of wetland can be seen	Unpleasant odors are present sometimes	
	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:	City of Eugene LWI	Wetland:	BD-20
Project Location:	Lane County, Oregon	Wetland Type(s):	PAB, PEM
Date(s) of field work:	7/31/2003	Approx. Area (acres):	1.84
Onsite Assessment?:	No	Investigator(s):	JVS/CR
Wetland Location:	East of Empire Park, North of Barger 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	B	Q-1	B	Q-1	A
Q-2	B	Q-2	C	Q-2	A	Q-2	A	Q-2	A
Q-3	C	Q-3	C	Q-3	C	Q-3	B	Q-3	C
Q-4	A	Q-4	A	Q-4	B	Q-4	A	Q-4	A
Q-5	B	Q-5	C	Q-5	A	Q-5	B	Q-5	A
Q-6	B	Q-6	C	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	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	B	Q-3	C
Q-4	B	Q-4	B	Q-4	B	Q-4	C
Q-5B	B	Q-5	B	Q-5	A	Q-5	B
Q-6	B	Q-6	B	Q-6	B	Q-6	C

Results:

Enhancement Potential	Wetland has high enhancement potential
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:	City of Eugene LWI	Wetland:	BD-20
Location:	Lane County, Oregon	Approx. Area (acres):	1.84
Date:	7/31/2003	Wetland Types(s):	PAB, 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 mostly developed	
	Greater than 1 acre 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	No adjacent Water Quality Limited streams	
	Stream banks are extensively modified	Adjacent land is mostly developed	
	<10% 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 precipitation	Wetland is between 0.5 and 5 acres	
	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	Herbaceous vegetation & 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 is taken out or isolated wetland	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 between 0.5 and 5 acres	
	Primary water source is precipitation	Wetland buffer is between 10% and 40%	
		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	
	Other habitats can be observed not accessed		
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	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	
	>50% of wetland can be seen	Unpleasant odors are present sometimes	
	Visual detractors present, can't be removed	Traffic noise and no natural noises	

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	City of Eugene LWI	Wetland:	BD-21
Project Location:	Lane County, Oregon	Wetland Type(s):	PEM
Date(s) of field work:	8/15/2003	Approx. Area (acres):	0.73
Onsite Assessment?:	No	Investigator(s):	PF/CR
Wetland Location:	East of Taney Street, North of Pattison 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	A
Q-3	C	Q-3		Q-3	B	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	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	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	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 not aesthetically pleasing

Oregon Freshwater Wetland Assessment Methodology

Functions and Conditions Summary Sheet



Project:	City of Eugene LWI	Wetland:	BD-21
Location:	Lane County, Oregon	Approx. Area (acres):	0.73
Date:	8/15/2003	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 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 between 0.5 and 5 acres	
	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, 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 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 greater than 40%	
		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 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:	City of Eugene LWI	Wetland:	BD-22
Project Location:	Lane County, Oregon	Wetland Type(s):	PFO, PAB
Date(s) of field work:	8/8/2003	Approx. Area (acres):	5.44
Onsite Assessment?:	No	Investigator(s):	JVS/CR
Wetland Location:	Between Highway 99 & the NW Expressway, S. of Maxwell 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	C	Q-1	B	Q-1	A
Q-2	B	Q-2	B	Q-2	A	Q-2	A	Q-2	A
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	A
Q-5	B	Q-5	C	Q-5	A	Q-5	B	Q-5	B
Q-6	B	Q-6	C	Q-6	C	Q-6	A	Q-6	B
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 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	C
Q-2	B	Q-2	A	Q-2	C	Q-2	A
Q-3		Q-3	B	Q-3	C	Q-3	C
Q-4	A	Q-4	B	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	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 not aesthetically pleasing

Oregon Freshwater Wetland Assessment Methodology

Functions and Conditions Summary Sheet



Project:	City of Eugene LWI		Wetland:	BD-22
Location:	Lane County, Oregon		Approx. Area (acres):	5.44
Date:	8/8/2003		Wetland Types(s):	PFO, PAB
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	
	Greater than 1 acre 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 is mostly developed	
	>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 groundwater		Wetland is more than 5 acres in size	
	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		Herbaceous vegetation & 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 is taken out or isolated wetland		Adjacent zoning is primarily agriculture	
	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 groundwater		Wetland buffer is greater than 40%	
			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 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	

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Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	City of Eugene LWI	Wetland:	BD-23
Project Location:	Lane County, Oregon	Wetland Type(s):	PEM
Date(s) of field work:	Off-site	Approx. Area (acres):	1.23
Onsite Assessment?:	No (previously delineated)	Investigator(s):	SE/ME
Wetland Location:	Candlelight 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	C	Q-1		Q-1	B	Q-1	B	Q-1	A
Q-2	C	Q-2		Q-2	C	Q-2	C	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	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	A	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	B	Q-4	A	Q-4	B	Q-4	B
Q-5B	C	Q-5	A	Q-5	B	Q-5	B
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 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:	City of Eugene LWI	Wetland:	BD-23
Location:	Lane County, Oregon	Approx. Area (acres):	1.23
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	Wetland is between 0.5 and 5 acres	
	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 is impacted or degraded		
Rationale:	Wetland is not within 100 year floodplain	Herbaceous vegetation, no ponding	
	Wetland does not flood or pond	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 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%	
		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 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 landscaped areas	
	>50% of wetland can be seen	Unpleasant odors are present sometimes	
	Visual detractors present, can't be removed	Some traffic and natural noises are present	

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Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	City of Eugene LWI	Wetland:	LAU-1
Project Location:	Lane County, Oregon	Wetland Type(s):	PFO, PEM
Date(s) of field work:	10/8/2003	Approx. Area (acres):	0.62
Onsite Assessment?:	No (Previously delineated)	Investigator(s):	SE/ME
Wetland Location:	South of Laurel Hill 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	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	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	C		
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 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	C
Q-3		Q-3	B	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:	City of Eugene LWI	Wetland:	LAU-1
Location:	Lane County, Oregon	Approx. Area (acres):	0.62
Date:	10/8/2003	Wetland Types(s):	PFO, 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 groundwater	Wetland is between 0.5 and 5 acres	
	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	Open space 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 groundwater	Wetland buffer is greater than 40%	
		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	
	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:	City of Eugene LWI	Wetland:	RSC-1
Project Location:	Lane County, Oregon	Wetland Type(s):	PEMf
Date(s) of field work:	9/26/2003	Approx. Area (acres):	111.42
Onsite Assessment?:	No	Investigator(s):	CR
Wetland Location:	Between Highway 99 and Brown Street, North of Awbrey 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	C	Q-1	A	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	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	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	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	C
Q-2	B	Q-2	A	Q-2	C	Q-2	A
Q-3		Q-3	B	Q-3	C	Q-3	C
Q-4	A	Q-4	A	Q-4	B	Q-4	B
Q-5B	A	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 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:	City of Eugene LWI		Wetland:	RSC-1
Location:	Lane County, Oregon		Approx. Area (acres):	111.42
Date:	9/26/2003		Wetland Types(s):	PEMf
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 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		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 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 high enhancement potential			
Rationale:	Wetland functions are impacted or degraded		Wetland is greater than 5 acres	
	Primary water source is groundwater		Wetland buffer is greater than 40%	
			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 limited mobility accessible	
	Public access to other habitats exist			
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		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:	City of Eugene LWI	Wetland:	RSC-2
Project Location:	Lane County, Oregon	Wetland Type(s):	PEM
Date(s) of field work:	9/26/2003	Approx. Area (acres):	11.37
Onsite Assessment?:	No	Investigator(s):	CR
Wetland Location:	East of Highway 99 to East of the Northwest Expressway		

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	C	Q-1	A	Q-1	A	Q-1	A
Q-2	B	Q-2	C	Q-2	A	Q-2	A	Q-2	B
Q-3	C	Q-3	C	Q-3	C	Q-3	A	Q-3	C
Q-4	A	Q-4	A	Q-4	A	Q-4	A	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	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 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	C
Q-2	A	Q-2	B	Q-2	C	Q-2	B
Q-3	C	Q-3	B	Q-3	C	Q-3	C
Q-4	A	Q-4	C	Q-4	B	Q-4	C
Q-5B	B	Q-5	A	Q-5	B	Q-5	B
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 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:	City of Eugene LWI	Wetland:	RSC-2
Location:	Lane County, Oregon	Approx. Area (acres):	11.37
Date:	9/26/2003	Wetland Types(s):	PEM
Result:	Wetland provides habitat for some wildlife species		
Rationale:	One Cowardin class with > 5 species	No adjacent Water Quality limited streams	
	Herbaceous vegetation & ponding	Adjacent land is mostly developed	
	Greater than 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	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	Wetland is more than 5 acres in size	
	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 within 100 year floodplain	Herbaceous vegetation & ponding	
	Wetland floods/ponds in growing season	Development downslope of wetland	
	Flow out of wetland is restricted	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	
	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 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	
	1 or 2 visible safety hazards	Wetland is not 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	
	25 - 50% of wetland can be seen	Unpleasant odors are present sometimes	
	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:	City of Eugene LWI	Wetland:	RSC-3
Project Location:	Lane County, Oregon	Wetland Type(s):	PEMf
Date(s) of field work:	8/15/2003	Approx. Area (acres):	1.08
Onsite Assessment?:	No	Investigator(s):	PF/CR
Wetland Location:	East of Highway 99, South of Awbrey 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	B
Q-3	C	Q-3		Q-3	B	Q-3	B	Q-3	C
Q-4	C	Q-4		Q-4	B	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	B	Q-6	C
Q-7	A					Q-7	B		
Q-8	B								
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	A
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	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 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:	City of Eugene LWI	Wetland:	RSC-3
Location:	Lane County, Oregon	Approx. Area (acres):	1.08
Date:	8/15/2003	Wetland Types(s):	PEMf
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 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	Wetland is between 0.5 and 5 acres	
	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	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, 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%	
		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 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 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:	City of Eugene LWI	Wetland:	RSC-4
Project Location:	Lane County, Oregon	Wetland Type(s):	PEMf
Date(s) of field work:	7/16/2003 & 1/26/04	Approx. Area (acres):	5.28
Onsite Assessment?:	Yes	Investigator(s):	CR, PF, ME
Wetland Location:	E.of Highway 99, S.of Awbrey Lane, S.of the drainage		

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	C	Q-1	A	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	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	C	Q-5	A
Q-6	A	Q-6		Q-6	C	Q-6	B	Q-6	C
Q-7	A					Q-7	B		
Q-8	B								
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	B	Q-2	A	Q-2	C	Q-2	C
Q-3		Q-3	B	Q-3	C	Q-3	A
Q-4	A	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 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:	City of Eugene LWI	Wetland:	RSC-4
Location:	Lane County, Oregon	Approx. Area (acres):	5.28
Date:	7/16/2003 & 1/26/04	Wetland Types(s):	PEMf
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 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 groundwater	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 is impacted or degraded		
Rationale:	Wetland is 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	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	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 groundwater	Wetland buffer is less than 10%	
		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	
	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:	City of Eugene LWI	Wetland:	RSC-5
Project Location:	Lane County, Oregon	Wetland Type(s):	PEM
Date(s) of field work:	7/10/2003	Approx. Area (acres):	10.44
Onsite Assessment?:	Yes	Investigator(s):	PF/ME
Wetland Location:	N. of Airport Road, E. and W. sides of West Enid 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	B
Q-2	C	Q-2		Q-2	A	Q-2	A	Q-2	B
Q-3	C	Q-3		Q-3	A	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	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	B								
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 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	A
Q-3		Q-3	B	Q-3	C	Q-3	A
Q-4	A	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 pleasing

Oregon Freshwater Wetland Assessment Methodology

Functions and Conditions Summary Sheet



Project:	City of Eugene LWI	Wetland:	RSC-5
Location:	Lane County, Oregon	Approx. Area (acres):	10.44
Date:	7/10/2003	Wetland Types(s):	PEM
Result:	Wetland provides habitat for some wildlife species		
Rationale:	One Cowardin class with > 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 less than 10%	
Result:	Fish habitat was not assessed for this wetland		
Rationale:			
Result:	Wetland's water-quality function is intact		
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	
	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	
	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 greater than 5 acres	
	Primary water source is precipitation	Wetland buffer is less than 10%	
		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 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:	City of Eugene LWI	Wetland:	RSC-6
Project Location:	Lane County, Oregon	Wetland Type(s):	PEM
Date(s) of field work:	6/17/2003	Approx. Area (acres):	2.57
Onsite Assessment?:	Yes	Investigator(s):	PF/CR
Wetland Location:	North of Airport Road, West of West Enid 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	B
Q-2	C	Q-2		Q-2	A	Q-2	A	Q-2	B
Q-3	C	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	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	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 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	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	B	Q-4	C	Q-4	B	Q-4	C
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:	City of Eugene LWI		Wetland:	RSC-6
Location:	Lane County, Oregon		Approx. Area (acres):	2.57
Date:	6/17/2003		Wetland Types(s):	PEM
Result:	Wetland provides habitat for some wildlife species			
Rationale:	One Cowardin class with > 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 intact			
Rationale:	Primary water source is precipitation		Wetland is between 0.5 and 5 acres	
	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		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 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%	
			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		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:	City of Eugene LWI	Wetland:	RSC-7
Project Location:	Lane County, Oregon	Wetland Type(s):	PSS, PFO, PEM
Date(s) of field work:	6/25/2003	Approx. Area (acres):	1.90
Onsite Assessment?:	Yes	Investigator(s):	PF/CR
Wetland Location:	South of Airport Road, SW corner of the UGB		

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	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	A	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	B		
Q-8	B								
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	A
Q-2	B	Q-2	A	Q-2	C	Q-2	C
Q-3		Q-3	B	Q-3	C	Q-3	A
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 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:	City of Eugene LWI		Wetland:	RSC-7
Location:	Lane County, Oregon		Approx. Area (acres):	1.90
Date:	6/25/2003		Wetland Types(s):	PSS, PFO, 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 use is primarily agriculture	
	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 groundwater		Wetland is between 0.5 and 5 acres	
	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		Dominated by woody vegetation	
	Wetland floods/ponds in growing season		Agriculture downslope of wetland	
	Flow out of wetland is restricted		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		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 less than 10%	
			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 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:	City of Eugene LWI	Wetland:	RSC-8
Project Location:	Lane County, Oregon	Wetland Type(s):	PEM
Date(s) of field work:	6/25/2003	Approx. Area (acres):	0.90
Onsite Assessment?:	Yes	Investigator(s):	PF/CR
Wetland Location:	East of Highway 99, South of Awbrey 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	B	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	A	Q-3	B	Q-3	C
Q-4	C	Q-4		Q-4	B	Q-4	A	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	B	Q-6	C
Q-7	A					Q-7	B		
Q-8	B								
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 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	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	A
Q-4	B	Q-4	B	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 pleasing

Oregon Freshwater Wetland Assessment Methodology

Functions and Conditions Summary Sheet



Project:	City of Eugene LWI	Wetland:	RSC-8
Location:	Lane County, Oregon	Approx. Area (acres):	0.90
Date:	6/25/2003	Wetland Types(s):	PEM
Result:	Wetland provides habitat for some wildlife species		
Rationale:	One Cowardin class with > 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 less than 10%	
Result:	Fish habitat was not assessed for this wetland		
Rationale:			
Result:	Wetland's water-quality function is intact		
Rationale:	Primary water source is precipitation	Wetland is between 0.5 and 5 acres	
	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, no ponding	
	Wetland floods/ponds in growing season	Agriculture downslope of wetland	
	Flow out of wetland is restricted	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 between 0.5 and 5 acres	
	Primary water source is precipitation	Wetland buffer is less than 10%	
		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:	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:	City of Eugene LWI	Wetland:	RSC-9
Project Location:	Lane County, Oregon	Wetland Type(s):	PEM
Date(s) of field work:	6/25/2003	Approx. Area (acres):	0.57
Onsite Assessment?:	Yes	Investigator(s):	PF/CR
Wetland Location:	South of Awbrey 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	B	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	A	Q-3	B	Q-3	C
Q-4	C	Q-4		Q-4	B	Q-4	A	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	B	Q-6	C
Q-7	A					Q-7	A		
Q-8	B								
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 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	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	A
Q-4	B	Q-4	B	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 pleasing

Oregon Freshwater Wetland Assessment Methodology

Functions and Conditions Summary Sheet



Project:	City of Eugene LWI		Wetland:	RSC-9
Location:	Lane County, Oregon	Approx. Area (acres):	0.57	
Date:	6/25/2003	Wetland Types(s):	PEM	
Result:	Wetland provides habitat for some wildlife species			
Rationale:	One Cowardin class with > 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 less than 10%		
Result:	Fish habitat was not assessed for this wetland			
Rationale:				
Result:	Wetland's water-quality function is intact			
Rationale:	Primary water source is precipitation	Wetland is between 0.5 and 5 acres		
	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, no ponding		
	Wetland floods/ponds in growing season	Agriculture 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 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 between 0.5 and 5 acres		
	Primary water source is precipitation	Wetland buffer is less than 10%		
		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:	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:	City of Eugene LWI	Wetland:	RSC-10
Project Location:	Lane County, Oregon	Wetland Type(s):	PEMf
Date(s) of field work:	10/10/2003	Approx. Area (acres):	5.39
Onsite Assessment?:	No	Investigator(s):	JVS, CSR
Wetland Location:	South of Awbrey Lane, NW of Auction Way		

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	C	Q-1	A	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	A	Q-3	C
Q-4	C	Q-4		Q-4	A	Q-4	A	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	B	Q-6	C
Q-7	A					Q-7	B		
Q-8	B								
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 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	B	Q-2	A	Q-2	C	Q-2	C
Q-3		Q-3	B	Q-3	C	Q-3	A
Q-4	A	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 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:	City of Eugene LWI	Wetland:	RSC-10
Location:	Lane County, Oregon	Approx. Area (acres):	5.39
Date:	10/10/2003	Wetland Types(s):	PEMf
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 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 groundwater	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 within 100 year floodplain	Herbaceous vegetation, no ponding	
	Wetland floods/ponds in growing season	Agriculture downslope of wetland	
	Flow out of wetland is restricted	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 high enhancement potential		
Rationale:	Wetland functions are impacted or degraded	Wetland is greater than 5 acres	
	Primary water source is groundwater	Wetland buffer is less than 10%	
		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	
	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

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Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	City of Eugene LWI	Wetland:	RSC-11
Project Location:	Lane County, Oregon	Wetland Type(s):	PEM
Date(s) of field work:	10/10/2003	Approx. Area (acres):	4.81
Onsite Assessment?:	No	Investigator(s):	JVS, CSR, PF, ME
Wetland Location:	South of Awbrey Lane, East and west of Auction Way		

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	C	Q-1	C	Q-1	A	Q-1	A
Q-2	C	Q-2	C	Q-2	A	Q-2	A	Q-2	B
Q-3	C	Q-3	C	Q-3	C	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	C	Q-5	A
Q-6	A	Q-6	B	Q-6	C	Q-6	B	Q-6	C
Q-7	A					Q-7	B		
Q-8	B								
Q-9A									
Q-9B	C								

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	C
Q-2	B	Q-2	A	Q-2	C	Q-2	C
Q-3		Q-3	B	Q-3	C	Q-3	B
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 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:	City of Eugene LWI	Wetland:	RSC-11
Location:	Lane County, Oregon	Approx. Area (acres):	4.81
Date:	10/10/2003	Wetland Types(s):	PEM
Result:	Wetland provides habitat for some wildlife species		
Rationale:	One Cowardin class with > 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 less than 10%	
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 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 groundwater	Surface water connection to 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 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	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, 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 groundwater	Wetland buffer is less than 10%	
		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	
	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:	City of Eugene LWI	Wetland:	RSC-12
Project Location:	Lane County, Oregon	Wetland Type(s):	PEM
Date(s) of field work:	10/10/2003	Approx. Area (acres):	6.10
Onsite Assessment?:	No	Investigator(s):	ME/PF
Wetland Location:	North of Auction Way, West of Link 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	B
Q-3	C	Q-3		Q-3	A	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	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	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	C
Q-3		Q-3	B	Q-3	C	Q-3	C
Q-4	A	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	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:	City of Eugene LWI	Wetland:	RSC-12
Location:	Lane County, Oregon	Approx. Area (acres):	6.10
Date:	10/10/2003	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 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	Wetland is more than 5 acres in size	
	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 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	
	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 high enhancement potential		
Rationale:	Wetland functions are impacted or degraded	Wetland is greater than 5 acres	
	Primary water source is precipitation	Wetland buffer is greater than 40%	
		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 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'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:	City of Eugene LWI	Wetland:	RSC-13
Project Location:	Lane County, Oregon	Wetland Type(s):	PEMF
Date(s) of field work:	7/16/2003	Approx. Area (acres):	0.58
Onsite Assessment?:	Yes	Investigator(s):	PF/CR
Wetland Location:	East of Highway 99, North of Enid Station 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	C	Q-2		Q-2	A	Q-2	A	Q-2	A
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	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	A	Q-6	C
Q-7	A					Q-7	B		
Q-8	B								
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	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:	City of Eugene LWI	Wetland:	RSC-13
Location:	Lane County, Oregon	Approx. Area (acres):	0.58
Date:	7/16/2003	Wetland Types(s):	PEMf
Result:	Wetland provides habitat for some wildlife species		
Rationale:	One Cowardin class with > 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 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	Wetland is between 0.5 and 5 acres	
	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 between 0.5 and 5 acres	
	Primary water source is precipitation	Wetland buffer is less than 10%	
		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	Unpleasant odors are present sometimes	
	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:	City of Eugene LWI	Wetland:	RSC-14
Project Location:	Lane County, Oregon	Wetland Type(s):	PEM, PEMf
Date(s) of field work:	7/16/2003	Approx. Area (acres):	0.83
Onsite Assessment?:	Yes	Investigator(s):	PF/CR
Wetland Location:	North of Enid Road, just west of Woodruff		

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	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	B	Q-3	C
Q-4	C	Q-4		Q-4	B	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	B	Q-6	C
Q-7	A					Q-7	B		
Q-8	B								
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	C

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:	City of Eugene LWI	Wetland:	RSC-14
Location:	Lane County, Oregon	Approx. Area (acres):	0.83
Date:	7/16/2003	Wetland Types(s):	PEM, PEMf
Result:	Wetland provides habitat for some wildlife species		
Rationale:	One Cowardin class with > 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 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	Wetland is between 0.5 and 5 acres	
	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	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	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%	
		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	Traffic noise and no natural noises	

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	City of Eugene LWI	Wetland:	RSC-15
Project Location:	Lane County, Oregon	Wetland Type(s):	PEMf, PEM
Date(s) of field work:	7/16/2003	Approx. Area (acres):	1.04
Onsite Assessment?:	Yes	Investigator(s):	PF/CR
Wetland Location:	Located north and south of West Enid 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	B
Q-2	C	Q-2		Q-2	A	Q-2	A	Q-2	B
Q-3	C	Q-3		Q-3	A	Q-3	B	Q-3	C
Q-4	C	Q-4		Q-4	B	Q-4	C	Q-4	B
Q-5	B	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	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 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	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	B	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	C

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:	City of Eugene LWI	Wetland:	RSC-15
Location:	Lane County, Oregon	Approx. Area (acres):	1.04
Date:	7/16/2003	Wetland Types(s):	PEMf, PEM
Result:	Wetland provides habitat for some wildlife species		
Rationale:	One Cowardin class with > 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 less than 10%	
Result:	Fish habitat was not assessed for this wetland		
Rationale:			
Result:	Wetland's water-quality function is intact		
Rationale:	Primary water source is precipitation	Wetland is between 0.5 and 5 acres	
	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, 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 between 0.5 and 5 acres	
	Primary water source is precipitation	Wetland buffer is less than 10%	
		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 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	Traffic noise and no natural noises	

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	City of Eugene LWI	Wetland:	RSC-16
Project Location:	Lane County, Oregon	Wetland Type(s):	PEM
Date(s) of field work:	7/10/2003	Approx. Area (acres):	0.84
Onsite Assessment?:	No	Investigator(s):	ME/PF
Wetland Location:	South of West Enid 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	A	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	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	B	Q-5	A
Q-6	B	Q-6		Q-6	C	Q-6	B	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	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	C	Q-1	A	Q-1	C
Q-2	A	Q-2	B	Q-2	C	Q-2	C
Q-3	A	Q-3	B	Q-3	C	Q-3	C
Q-4	B	Q-4	C	Q-4	B	Q-4	B
Q-5B	B	Q-5	A	Q-5	B	Q-5	B
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 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:	City of Eugene LWI	Wetland:	RSC-16
Location:	Lane County, Oregon	Approx. Area (acres):	0.84
Date:	7/10/2003	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 & 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 surface flow	Wetland is between 0.5 and 5 acres	
	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 & 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 & 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 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	Maintained public access within 250 feet	
	1 or 2 visible safety hazards	Wetland is not 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 landscaped areas	
	Less than 25% of wetland can be seen	Unpleasant odors are present sometimes	
	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:	City of Eugene LWI	Wetland:	RSC-17
Project Location:	Lane County, Oregon	Wetland Type(s):	PEMf
Date(s) of field work:	6/17/2003	Approx. Area (acres):	15.32
Onsite Assessment?:	No (previously delineated)	Investigator(s):	JVS, CSR
Wetland Location:	Located north and south of West Enid Road, West of Prairie 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	C	Q-1	A	Q-1	B
Q-2	C	Q-2		Q-2	B	Q-2	B	Q-2	B
Q-3	C	Q-3		Q-3	A	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	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	B								
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 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	B	Q-2	B	Q-2	C	Q-2	B
Q-3		Q-3	B	Q-3	C	Q-3	C
Q-4	A	Q-4	B	Q-4	B	Q-4	B
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 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:	City of Eugene LWI	Wetland:	RSC-17
Location:	Lane County, Oregon	Approx. Area (acres):	15.32
Date:	6/17/2003	Wetland Types(s):	PEMf
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 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 groundwater	Wetland is more than 5 acres in size	
	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 function is intact		
Rationale:	Wetland is 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 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 high enhancement potential		
Rationale:	Wetland functions are impacted or degraded	Wetland is greater than 5 acres	
	Primary water source is groundwater	Wetland buffer is less than 10%	
		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 not aesthetically pleasing		
Rationale:	One Cowardin class is visible	Wetland surrounded by landscaped areas	
	25 - 50% of wetland can be seen	Unpleasant odors are present sometimes	
	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:	City of Eugene LWI	Wetland:	RSC-18
Project Location:	Lane County, Oregon	Wetland Type(s):	PEM
Date(s) of field work:	7/10/2003	Approx. Area (acres):	2.78
Onsite Assessment?:	No	Investigator(s):	PF/ME
Wetland Location:	North and South of Carol 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	B	Q-1	C	Q-1	A	Q-1	A	Q-1	A
Q-2	C	Q-2	B	Q-2	A	Q-2	A	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	C	Q-5	A
Q-6	A	Q-6	B	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	Wetland's fish habitat function is impacted or degraded
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	C	Q-1	C	Q-1	C
Q-2	A	Q-2	A	Q-2	C	Q-2	C
Q-3	A	Q-3	B	Q-3	C	Q-3	C
Q-4	B	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	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 not aesthetically pleasing

Oregon Freshwater Wetland Assessment Methodology

Functions and Conditions Summary Sheet



Project:	City of Eugene LWI		Wetland:	RSC-18
Location:	Lane County, Oregon	Approx. Area (acres):	2.78	
Date:	7/10/2003	Wetland Types(s):	PEM	
Result:	Wetland provides habitat for some wildlife species			
Rationale:	One Cowardin class with > 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:	Wetland's fish habitat function is impacted or degraded			
Rationale:	Less than 25% 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 surface flow	Wetland is between 0.5 and 5 acres		
	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 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 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 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		
	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:	City of Eugene LWI	Wetland:	RSC-19
Project Location:	Lane County, Oregon	Wetland Type(s):	PEM
Date(s) of field work:	10/17/2003	Approx. Area (acres):	5.96
Onsite Assessment?:	No	Investigator(s):	JVS, CR
Wetland Location:	West of Prairie Road, South of Irving 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	C	Q-1	B	Q-1	A
Q-2	C	Q-2		Q-2	B	Q-2	B	Q-2	B
Q-3	C	Q-3		Q-3	C	Q-3	A	Q-3	C
Q-4	C	Q-4		Q-4	A	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	C
Q-2	B	Q-2	B	Q-2	C	Q-2	B
Q-3		Q-3	B	Q-3	C	Q-3	C
Q-4	A	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 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:	City of Eugene LWI		Wetland:	RSC-19
Location:	Lane County, Oregon	Approx. Area (acres):	5.96	
Date:	10/17/2003	Wetland Type(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 groundwater	Wetland is more than 5 acres in size		
	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	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 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 greater than 5 acres		
	Primary water source is groundwater	Wetland buffer is less than 10%		
		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		
	25 - 50% of wetland can be seen	Unpleasant odors are present sometimes		
	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:	City of Eugene LWI	Wetland:	RSC-20
Project Location:	Lane County, Oregon	Wetland Type(s):	PAB
Date(s) of field work:	8/8/2003	Approx. Area (acres):	1.86
Onsite Assessment?:	No	Investigator(s):	JVS/CR
Wetland Location:	W of Highway 99, S of McDougal Road, N of Jessen 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	C	Q-1	B	Q-1	C	Q-1	B	Q-1	A
Q-2	B	Q-2	C	Q-2	A	Q-2	A	Q-2	B
Q-3	C	Q-3	B	Q-3	C	Q-3	B	Q-3	C
Q-4	A	Q-4	A	Q-4	B	Q-4	A	Q-4	A
Q-5	B	Q-5	C	Q-5	A	Q-5	B	Q-5	C
Q-6	B	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	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 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	C
Q-2	B	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	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 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:	City of Eugene LWI	Wetland:	RSC-20
Location:	Lane County, Oregon	Approx. Area (acres):	1.86
Date:	8/8/2003	Wetland Types(s):	PAB
Result:	Wetland provides habitat for some wildlife species		
Rationale:	One Class with less than 5 species	No adjacent Water Quality limited streams	
	Herbaceous vegetation & ponding	Adjacent land is mostly developed	
	Greater than 1 acre 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 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 groundwater	Wetland is between 0.5 and 5 acres	
	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	Herbaceous vegetation & 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 mostly open space	
	No adjacent Water Quality Limited streams	Herbaceous vegetation & 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 groundwater	Wetland buffer is greater than 40%	
		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	
	1 or 2 visible safety hazards	Wetland is not limited mobility accessible	
	Other habitats can be observed not accessed		
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:	One Cowardin class is visible	Wetland surrounded by development	
	>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:	City of Eugene LWI	Wetland:	RSC-21
Project Location:	Lane County, Oregon	Wetland Type(s):	PFO, PAB, PEM
Date(s) of field work:	8/8/2003	Approx. Area (acres):	2.38
Onsite Assessment?:	No	Investigator(s):	JVS/CR
Wetland Location:	W of Highway 99, S of McDougal Road, N of Jessen 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	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	A	Q-3	A	Q-3	B	Q-3	C
Q-4	C	Q-4	A	Q-4	B	Q-4	A	Q-4	A
Q-5	B	Q-5	C	Q-5	A	Q-5	A	Q-5	C
Q-6	B	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 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	A
Q-2	B	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	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 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 moderately pleasing

Oregon Freshwater Wetland Assessment Methodology

Functions and Conditions Summary Sheet



Project:	City of Eugene LWI	Wetland:	RSC-21
Location:	Lane County, Oregon	Approx. Area (acres):	2.38
Date:	8/8/2003	Wetland Types(s):	PFO, PAB, 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 banks are extensively modified	Adjacent land is mostly developed	
	>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 groundwater	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 mostly open space	
	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 greater than 40%	
		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	
	Other habitats can be observed not accessed		
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 considered to be moderately 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	
	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:	City of Eugene LWI	Wetland:	RSC-22
Project Location:	Lane County, Oregon	Wetland Type(s):	PFO
Date(s) of field work:	6/17/2003	Approx. Area (acres):	1.41
Onsite Assessment?:	Yes	Investigator(s):	PF/CR
Wetland Location:	South of Eddystone Place and North of Dorchester 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	B	Q-1		Q-1	B	Q-1	B	Q-1	B
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	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 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	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	C
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 not aesthetically pleasing

Oregon Freshwater Wetland Assessment Methodology

Functions and Conditions Summary Sheet



Project:	City of Eugene LWI	Wetland:	RSC-22
Location:	Lane County, Oregon	Approx. Area (acres):	1.41
Date:	6/17/2003	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 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	Wetland is between 0.5 and 5 acres	
	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	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 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%	
		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 not aesthetically pleasing		
Rationale:	One Cowardin class is visible	Wetland surrounded by development	
	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:	City of Eugene LWI	Wetland:	RSC-23
Project Location:	Lane County, Oregon	Wetland Type(s):	PFO, PSS, PEM
Date(s) of field work:	7/10/2003	Approx. Area (acres):	4.49
Onsite Assessment?:	Yes (Previously delineated)	Investigator(s):	ME/PF
Wetland Location:	South of Irvington Road, West of Arrowhead 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	B	Q-1	A	Q-1	A	Q-1	B
Q-2	B	Q-2	B	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	B	Q-4	A	Q-4	B	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 diverse wildlife habitat
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		Q-1	C	Q-1	C	Q-1	A
Q-2		Q-2	A	Q-2	C	Q-2	B
Q-3		Q-3	A	Q-3	C	Q-3	C
Q-4		Q-4	B	Q-4	A	Q-4	C
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 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:	City of Eugene LWI	Wetland:	RSC-23
Location:	Lane County, Oregon	Approx. Area (acres):	4.49
Date:	7/10/2003	Wetland Types(s):	PFO, PSS, PEM
Result:	Wetland provides diverse wildlife habitat		
Rationale:	More than one Cowardin class	No adjacent Water Quality limited streams	
	Herbaceous vegetation & 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:	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 surface flow	Wetland is between 0.5 and 5 acres	
	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	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 not modified	Adjacent land is mostly developed	
	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	
	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 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:	City of Eugene LWI	Wetland:	RSC-24
Project Location:	Lane County, Oregon	Wetland Type(s):	PEM
Date(s) of field work:	6/17/2003	Approx. Area (acres):	0.67
Onsite Assessment?:	No (previously delineated)	Investigator(s):	PF/SE
Wetland Location:	North of Irvington Drive, West and East of Brockton		

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	C	Q-2		Q-2	B	Q-2	B	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	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	A
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 considered to be pleasing

Oregon Freshwater Wetland Assessment Methodology

Functions and Conditions Summary Sheet



Project:	City of Eugene LWI	Wetland:	RSC-24
Location:	Lane County, Oregon	Approx. Area (acres):	0.67
Date:	6/17/2003	Wetland Types(s):	PEM
Result:	Wetland provides habitat for some wildlife species		
Rationale:	One Cowardin class with > 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	Wetland is between 0.5 and 5 acres	
	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	Herbaceous vegetation, no ponding	
	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 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%	
		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 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:	City of Eugene LWI	Wetland:	RSC-25
Project Location:	Lane County, Oregon	Wetland Type(s):	PSS, PEM
Date(s) of field work:	11/30/2003	Approx. Area (acres):	1.74
Onsite Assessment?:	No	Investigator(s):	ME/SE
Wetland Location:	North of Beltline Road and South of Irving Road, West of Midland		

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	B
Q-2	B	Q-2	B	Q-2	A	Q-2	A	Q-2	B
Q-3	B	Q-3	C	Q-3	C	Q-3	B	Q-3	C
Q-4	B	Q-4	A	Q-4	B	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 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 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		Q-2	A	Q-2	C	Q-2	B
Q-3	A	Q-3	A	Q-3	C	Q-3	C
Q-4		Q-4	B	Q-4	A	Q-4	C
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 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:	City of Eugene LWI	Wetland:	RSC-25
Location:	Lane County, Oregon	Approx. Area (acres):	1.74
Date:	11/30/2003	Wetland Type(s):	PSS, PEM
Result:	Wetland provides diverse wildlife habitat		
Rationale:	More than one Cowardin class	No adjacent Water Quality limited streams	
	Herbaceous vegetation & 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:	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 impacted or degraded		
Rationale:	Primary water source is surface flow	Wetland is between 0.5 and 5 acres	
	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 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 not modified	Adjacent land is mostly developed	
	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	
	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 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:	City of Eugene LWI	Wetland:	RSC-26
Project Location:	Lane County, Oregon	Wetland Type(s):	PSS, PEM
Date(s) of field work:	8/8/2003	Approx. Area (acres):	0.94
Onsite Assessment?:	No	Investigator(s):	JVS/CR
Wetland Location:	Northeast corner of Beltline Road and NW Prairie 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	A	Q-1	B	Q-1	B
Q-2	A	Q-2		Q-2	A	Q-2	A	Q-2	B
Q-3	C	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	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 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	A	Q-2	B	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	B
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:	City of Eugene LWI	Wetland:	RSC-26
Location:	Lane County, Oregon	Approx. Area (acres):	0.94
Date:	8/8/2003	Wetland Type(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 intact		
Rationale:	Primary water source is surface flow	Wetland is between 0.5 and 5 acres	
	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 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 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	
	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:	Two Cowardin classes visible	Wetland surrounded by development	
	25 - 50% of wetland can be seen	Unpleasant odors are present sometimes	
	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:	City of Eugene LWI	Wetland:	RSC-27
Project Location:	Lane County, Oregon	Wetland Type(s):	PAB, PEM
Date(s) of field work:	8/8/2003	Approx. Area (acres):	0.63
Onsite Assessment?:	No	Investigator(s):	JVS/CR
Wetland Location:	Northeast corner of Beltline Road and NW Prairie 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	B	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	C	Q-4	A
Q-5	B	Q-5		Q-5	A	Q-5	B	Q-5	A
Q-6	B	Q-6		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	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	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	B	Q-4	C	Q-4	B	Q-4	C
Q-5B	B	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 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:	City of Eugene LWI	Wetland:	RSC-27
Location:	Lane County, Oregon	Approx. Area (acres):	0.63
Date:	8/8/2003	Wetland Types(s):	PAB, 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 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	Wetland is between 0.5 and 5 acres	
	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 & 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 & 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%	
		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:	Two Cowardin classes 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	

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	City of Eugene LWI	Wetland:	RSC-28
Project Location:	Lane County, Oregon	Wetland Type(s):	PFO, PEM
Date(s) of field work:	8/8/2003	Approx. Area (acres):	6.98
Onsite Assessment?:	Yes	Investigator(s):	JVS/CR
Wetland Location:	South of Skipper Avenue, North of Maxwell 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	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	C	Q-3	C	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	C
Q-2	A	Q-2	A	Q-2	C	Q-2	C
Q-3	A	Q-3	B	Q-3	A	Q-3	A
Q-4	A	Q-4	C	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 provides recreational opportunities
Aesthetic Quality	Wetland is not aesthetically pleasing

Oregon Freshwater Wetland Assessment Methodology

Functions and Conditions Summary Sheet



Project:	City of Eugene LWI	Wetland:	RSC-28
Location:	Lane County, Oregon	Approx. Area (acres):	6.98
Date:	8/8/2003	Wetland Types(s):	PFO, 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:	50% or more 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 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 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 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 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 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 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:	One Cowardin class is 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:	City of Eugene LWI	Wetland:	RSC-29
Project Location:	Lane County, Oregon	Wetland Type(s):	PFO, PAB
Date(s) of field work:	7/31/2003	Approx. Area (acres):	3.46
Onsite Assessment?:	No	Investigator(s):	JVS/CR
Wetland Location:	East of the NW Expressway, South of Maxwell 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	B	Q-1	C	Q-1	A	Q-1	A
Q-2	A	Q-2	C	Q-2	A	Q-2	A	Q-2	A
Q-3	A	Q-3	B	Q-3	A	Q-3	B	Q-3	C
Q-4	A	Q-4	A	Q-4	B	Q-4	C	Q-4	A
Q-5	B	Q-5	C	Q-5	A	Q-5	A	Q-5	A
Q-6	B	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 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 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	C	Q-2	B
Q-3		Q-3	A	Q-3	C	Q-3	A
Q-4		Q-4	C	Q-4	A	Q-4	C
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:	City of Eugene LWI	Wetland:	RSC-29
Location:	Lane County, Oregon	Approx. Area (acres):	3.46
Date:	7/31/2003	Wetland Types(s):	PFO, PAB
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	
	Greater than 1 acre 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 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 groundwater	Wetland is between 0.5 and 5 acres	
	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	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:	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	
	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 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 development	
	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:	City of Eugene LWI	Wetland:	RSC-30
Project Location:	Lane County, Oregon	Wetland Type(s):	PFO, PAB, PEM
Date(s) of field work:	7/31/2003	Approx. Area (acres):	11.98
Onsite Assessment?:	No	Investigator(s):	JVS/CR
Wetland Location:	East of NW Expressway, West of Park 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	C	Q-1	A	Q-1	B
Q-2	B	Q-2	C	Q-2	A	Q-2	A	Q-2	B
Q-3	C	Q-3	B	Q-3	C	Q-3	A	Q-3	C
Q-4	A	Q-4	A	Q-4	A	Q-4	B	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	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 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	B	Q-2	A	Q-2	C	Q-2	B
Q-3		Q-3	B	Q-3	C	Q-3	A
Q-4	A	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	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:	City of Eugene LWI	Wetland:	RSC-30
Location:	Lane County, Oregon	Approx. Area (acres):	11.98
Date:	7/31/2003	Wetland Types(s):	PFO, PAB, 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 mostly developed	
	Greater than 1 acre 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 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 groundwater	Wetland is more than 5 acres in size	
	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 within 100 year floodplain	Herbaceous vegetation & ponding	
	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 not modified	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 groundwater	Wetland buffer is greater than 40%	
		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 development	
	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:	City of Eugene LWI	Wetland:	RSC-31
Project Location:	Lane County, Oregon	Wetland Type(s):	PFO, PEM, PAB
Date(s) of field work:	11/3/2003	Approx. Area (acres):	4.52
Onsite Assessment?:	No (Previously delineated)	Investigator(s):	ME
Wetland Location:	East of NW Expressway, East of Natoma to Maclay 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	B	Q-1	A	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	C	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	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 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	A	Q-2	B	Q-2	C	Q-2	A
Q-3	A	Q-3	B	Q-3	C	Q-3	C
Q-4	B	Q-4	A	Q-4	B	Q-4	C
Q-5B	B	Q-5	A	Q-5	A	Q-5	B
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 provides recreational opportunities
Aesthetic Quality	Wetland is not aesthetically pleasing

Oregon Freshwater Wetland Assessment Methodology

Functions and Conditions Summary Sheet



Project:	City of Eugene LWI	Wetland:	RSC-31
Location:	Lane County, Oregon	Approx. Area (acres):	4.52
Date:	11/3/2003	Wetland Types(s):	PFO, PEM, PAB
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:	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	Wetland is between 0.5 and 5 acres	
	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 & ponding	
	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	Herbaceous vegetation & 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 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 is open to the public	Maintained public access within 250 feet	
	1 or 2 visible safety hazards	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	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	Unpleasant odors are present sometimes	
	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:	City of Eugene LWI	Wetland:	RSC-32
Project Location:	Lane County, Oregon	Wetland Type(s):	PEM
Date(s) of field work:	10/01/2003 & 10/17/2003	Approx. Area (acres):	2.64
Onsite Assessment?:	Yes (Previously delineated)	Investigator(s):	JVS/CR
Wetland Location:	East of NW Expressway, S of Elkay Drive to S of Filbert 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	B	Q-1	C	Q-1	A	Q-1	B	Q-1	A
Q-2	B	Q-2	B	Q-2	A	Q-2	A	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	A	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 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	A	Q-2	B	Q-2	C	Q-2	C
Q-3	A	Q-3	B	Q-3	A	Q-3	C
Q-4	B	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	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:	City of Eugene LWI	Wetland:	RSC-32
Location:	Lane County, Oregon	Approx. Area (acres):	2.64
Date:	10/01/2003 & 10/17/2003	Wetland Types(s):	PEM
Result:	Wetland provides habitat for some wildlife species		
Rationale:	One Cowardin class with > 5 species	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	
	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 surface flow	Wetland is between 0.5 and 5 acres	
	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 & 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	
	No adjacent Water Quality Limited streams	Herbaceous vegetation & 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 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	
	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	
	Maintained 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'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:	City of Eugene LWI		Wetland:	RSC-33
Project Location:	Lane County, Oregon	Wetland Type(s):	PFO, PEM	
Date(s) of field work:	8/8/2003	Approx. Area (acres):	3.01	
Onsite Assessment?:	No	Investigator(s):	JVS/CR	
Wetland Location:	East of NW Expressway, South of Maxwell 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	A	Q-1	A	Q-1	B
Q-2	C	Q-2		Q-2	A	Q-2	A	Q-2	B
Q-3	C	Q-3		Q-3	A	Q-3	B	Q-3	C
Q-4	C	Q-4		Q-4	B	Q-4	C	Q-4	C
Q-5	B	Q-5		Q-5	C	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	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 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	A	Q-2	B	Q-2	C	Q-2	A
Q-3	A	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	A	Q-6	B	Q-6	C

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:	City of Eugene LWI	Wetland:	RSC-33
Location:	Lane County, Oregon	Approx. Area (acres):	3.01
Date:	8/8/2003	Wetland Types(s):	PFO, 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 surface flow	Wetland is between 0.5 and 5 acres	
	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 function is intact		
Rationale:	Wetland is 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 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 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 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	
	>50% of wetland can be seen	Natural odors present at wetland	
	No visual detractors are present	Traffic noise and no natural noises	

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	City of Eugene LWI	Wetland:	RSC-34
Project Location:	Lane County, Oregon	Wetland Type(s):	PFO
Date(s) of field work:	8/8/2003	Approx. Area (acres):	1.18
Onsite Assessment?:	No	Investigator(s):	JVS/CR
Wetland Location:	West of Park Avenue, South of Maxwell 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	C	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	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	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	A
Q-2	B	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	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 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:	City of Eugene LWI	Wetland:	RSC-34
Location:	Lane County, Oregon	Approx. Area (acres):	1.18
Date:	8/8/2003	Wetland Types(s):	PFO
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 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	Wetland is between 0.5 and 5 acres	
	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 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%	
		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:	More than two Cowardin classes are 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:	City of Eugene LWI	Wetland:	RSC-35
Project Location:	Lane County, Oregon	Wetland Type(s):	PFO
Date(s) of field work:	9/26/2003	Approx. Area (acres):	1.78
Onsite Assessment?:	No	Investigator(s):	CR
Wetland Location:	West of River 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	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	B
Q-5	B	Q-5	B	Q-5	B	Q-5	A	Q-5	B
Q-6	A	Q-6	B	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 habitat for some wildlife species
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	A	Q-1	C	Q-1	C	Q-1	C
Q-2	A	Q-2	A	Q-2	C	Q-2	B
Q-3	C	Q-3	A	Q-3	C	Q-3	C
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	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:	City of Eugene LWI	Wetland:	RSC-35
Location:	Lane County, Oregon	Approx. Area (acres):	1.78
Date:	9/26/2003	Wetland Types(s):	PFO
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:	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 use is primarily agriculture	
	<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	Wetland is between 0.5 and 5 acres	
	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 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 use is primarily agriculture	
	Water not taken out	Adjacent zoning is primarily agriculture	
	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%	
	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 not aesthetically pleasing		
Rationale:	One Cowardin class is 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	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:	City of Eugene LWI	Wetland:	RSC-36
Project Location:	Lane County, Oregon	Wetland Type(s):	PEM, PAB
Date(s) of field work:	9/26/2003	Approx. Area (acres):	2.36
Onsite Assessment?:	No (Previously delineated)	Investigator(s):	CR
Wetland Location:	East of River Road, Between Beacon Drive and Spring Creek 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	C	Q-1	C	Q-1	A	Q-1	B
Q-2	B	Q-2	B	Q-2	A	Q-2	A	Q-2	B
Q-3	C	Q-3	B	Q-3	C	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	B	Q-5	A
Q-6	A	Q-6	A	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	C	Q-1	C	Q-1	B
Q-2	B	Q-2	A	Q-2	C	Q-2	B
Q-3		Q-3	B	Q-3	A	Q-3	C
Q-4	B	Q-4	B	Q-4	B	Q-4	C
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 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:	City of Eugene LWI	Wetland:	RSC-36
Location:	Lane County, Oregon	Approx. Area (acres):	2.36
Date:	9/26/2003	Wetland Types(s):	PEM, PAB
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	
	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 impacted or degraded		
Rationale:	Primary water source is groundwater	Wetland is between 0.5 and 5 acres	
	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 within 100 year floodplain	Herbaceous vegetation & ponding	
	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 not modified	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 between 0.5 and 5 acres	
	Primary water source is groundwater	Wetland buffer is between 10% and 40%	
		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 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 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:	City of Eugene LWI	Wetland:	RSC-37
Project Location:	Lane County, Oregon	Wetland Type(s):	PEM, PSS, PFO
Date(s) of field work:	6/27/2003	Approx. Area (acres):	1.27
Onsite Assessment?:	No (Previously delineated)	Investigator(s):	PF/CR
Wetland Location:	East of River Road, North of Spring Creek 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	B	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	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	A	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	A	Q-1	A	Q-1	A
Q-2	A	Q-2	A	Q-2	C	Q-2	C
Q-3	A	Q-3	B	Q-3	A	Q-3	A
Q-4	B	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	B	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:	City of Eugene LWI	Wetland:	RSC-37
Location:	Lane County, Oregon	Approx. Area (acres):	1.27
Date:	6/27/2003	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:	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	Salmon and/or trout present in stream	
Result:	Wetland's water-quality function is intact		
Rationale:	Primary water source is surface flow	Wetland is between 0.5 and 5 acres	
	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	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 surface flow	Wetland buffer is between 10% and 40%	
	Flow into wetland is not 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 not 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	
	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:	City of Eugene LWI		Wetland:	RSC-38
Project Location:	Lane County, Oregon	Wetland Type(s):	PEM	
Date(s) of field work:	8/8/2003	Approx. Area (acres):	7.11	
Onsite Assessment?:	No (Previously delineated)	Investigator(s):	CR/JVS	
Wetland Location:	West of River Road, Between Hampshire Lane and Blackfoot 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	B	Q-1	C	Q-1	C	Q-1	A	Q-1	B
Q-2	B	Q-2	B	Q-2	A	Q-2	A	Q-2	B
Q-3	C	Q-3	B	Q-3	A	Q-3	A	Q-3	C
Q-4	C	Q-4	A	Q-4	A	Q-4	B	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	C	Q-1	C	Q-1	C
Q-2	B	Q-2	A	Q-2	C	Q-2	B
Q-3		Q-3	B	Q-3	A	Q-3	C
Q-4	A	Q-4	B	Q-4	B	Q-4	C
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 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:	City of Eugene LWI	Wetland:	RSC-38
Location:	Lane County, Oregon	Approx. Area (acres):	7.11
Date:	8/8/2003	Wetland Types(s):	PEM
Result:	Wetland provides habitat for some wildlife species		
Rationale:	One Cowardin class with > 5 species	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	
	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 groundwater	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 within 100 year floodplain	Herbaceous vegetation & ponding	
	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 not modified	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 groundwater	Wetland buffer is between 10% and 40%	
		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 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 not aesthetically pleasing		
Rationale:	One Cowardin class is 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:	City of Eugene LWI	Wetland:	RSC-39
Project Location:	Lane County, Oregon	Wetland Type(s):	PSS
Date(s) of field work:	6/25/2003	Approx. Area (acres):	0.61
Onsite Assessment?:	Yes	Investigator(s):	PF/CR
Wetland Location:	East of River Road, North and South of Swan 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	C	Q-1	A	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	B	Q-3	C
Q-4	C	Q-4		Q-4	B	Q-4	B	Q-4	B
Q-5	B	Q-5		Q-5	B	Q-5	A	Q-5	B
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	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 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	B	Q-2	A	Q-2	C	Q-2	B
Q-3		Q-3	B	Q-3	C	Q-3	B
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 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:	City of Eugene LWI	Wetland:	RSC-39
Location:	Lane County, Oregon	Approx. Area (acres):	0.61
Date:	6/25/2003	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 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 groundwater	Wetland is between 0.5 and 5 acres	
	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 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 use is primarily agriculture	
	Water not taken out	Adjacent zoning is primarily agriculture	
	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 less than 10%	
		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:	One Cowardin class is 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:	City of Eugene LWI		Wetland:	RSC-40
Project Location:	Lane County, Oregon	Wetland Type(s):	PAB, PSS	
Date(s) of field work:	6/27/2003	Approx. Area (acres):	1.56	
Onsite Assessment?:	Yes (Previously delineated)	Investigator(s):	SE/ME	
Wetland Location:	East of Scenic Dr., from Watson Drive north to the UGB line			

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	B	Q-2	A	Q-2	A	Q-2	A	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	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	A		
Q-8	B								
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	B
Q-2	A	Q-2	A	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	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:	City of Eugene LWI	Wetland:	RSC-40
Location:	Lane County, Oregon	Approx. Area (acres):	1.56
Date:	6/27/2003	Wetland Types(s):	PAB, 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 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 is in a natural channel	Adjacent land use is primarily agriculture	
	<10% of stream has instream structures	Stream does not contain fish	
Result:	Wetland's water-quality function is intact		
Rationale:	Primary water source is surface flow	Wetland is between 0.5 and 5 acres	
	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 function is intact		
Rationale:	Wetland is 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 use is primarily agriculture	
	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 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	
	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:	City of Eugene LWI	Wetland:	WC-1
Project Location:	Lane County, Oregon	Wetland Type(s):	PFO, PSS, PEM
Date(s) of field work:	9/26/2003	Approx. Area (acres):	1.38
Onsite Assessment?:	No	Investigator(s):	SE
Wetland Location:	East of the intersection of Jarding Road and Bailey Hill		

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	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	B
Q-5	B	Q-5		Q-5	B	Q-5	A	Q-5	B
Q-6	B	Q-6		Q-6	C	Q-6	B	Q-6	A
Q-7	A					Q-7	C		
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 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	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 moderately pleasing

Oregon Freshwater Wetland Assessment Methodology

Functions and Conditions Summary Sheet



Project:	City of Eugene LWI	Wetland:	WC-1
Location:	Lane County, Oregon	Approx. Area (acres):	1.38
Date:	9/26/2003	Wetland Types(s):	PFO, 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:	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 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	Agriculture downslope of wetland	
	Water has unrestricted flow out of wetland	Open space 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 agriculture	
	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	Continuous traffic and natural noises occur	

Oregon Freshwater Wetland Assessment Methodology

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Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	City of Eugene LWI	Wetland:	WKZ-1
Project Location:	Lane County, Oregon	Wetland Type(s):	PUB, PEM, PFO
Date(s) of field work:	6/4/2003	Approx. Area (acres):	4.11
Onsite Assessment?:	No (Previously delineated)	Investigator(s):	PF/ME
Wetland Location:	NW corner of Leo Harris Parkway and Centennial Boulevard		

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	A
Q-2	B	Q-2	B	Q-2	A	Q-2	A	Q-2	B
Q-3	A	Q-3	C	Q-3	C	Q-3	B	Q-3	C
Q-4	A	Q-4	A	Q-4	B	Q-4	A	Q-4	A
Q-5	A	Q-5	C	Q-5	A	Q-5	B	Q-5	C
Q-6	A	Q-6	A	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 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 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	A	Q-1	A	Q-1	A
Q-2		Q-2	A	Q-2	C	Q-2	A
Q-3		Q-3	A	Q-3	C	Q-3	A
Q-4		Q-4	A	Q-4	A	Q-4	B
Q-5B		Q-5	A	Q-5	A	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 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:	City of Eugene LWI	Wetland:	WKZ-1
Location:	Lane County, Oregon	Approx. Area (acres):	4.11
Date:	6/4/2003	Wetland Types(s):	PUB, PEM, PFO
Result:	Wetland provides diverse wildlife habitat		
Rationale:	More than one Cowardin class	No adjacent Water Quality limited streams	
	Herbaceous vegetation & ponding	Adjacent land is mostly developed	
	Greater than 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	No adjacent Water Quality Limited streams	
	Only portions of stream are modified	Adjacent land is mostly developed	
	<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 surface flow	Wetland is between 0.5 and 5 acres	
	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 within 100 year floodplain	Herbaceous vegetation & 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 mostly open space	
	No adjacent Water Quality Limited streams	Herbaceous vegetation & ponding	
Result:	Due to diverse wildlife habitat, this wetland cannot be enhanced		
Rationale:			
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 diverse wildlife habitat	
	No boat launching can be developed	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	
	>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:	City of Eugene LWI	Wetland:	WKZ-2
Project Location:	Lane County, Oregon	Wetland Type(s):	PFO
Date(s) of field work:	9/9/2003	Approx. Area (acres):	0.50
Onsite Assessment?:	Yes	Investigator(s):	SE/ME
Wetland Location:	South of Ayres Road, east of Delta Highway.		

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	A	Q-1	A	Q-1	A	Q-1	B
Q-2	A	Q-2	C	Q-2	A	Q-2	A	Q-2	B
Q-3	C	Q-3	C	Q-3	C	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 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	A	Q-2	A	Q-2	C	Q-2	C
Q-3	C	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	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 not aesthetically pleasing

Oregon Freshwater Wetland Assessment Methodology

Functions and Conditions Summary Sheet



Project:	City of Eugene LWI	Wetland:	WKZ-2
Location:	Lane County, Oregon	Approx. Area (acres):	0.50
Date:	9/9/2003	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 between 10% and 40%	
Result:	Wetland's fish habitat function is impacted or degraded		
Rationale:	Pond contains deep and shallow water	No adjacent Water Quality Limited streams	
	Less than 20% of shoreline is shaded	Adjacent land is mostly developed	
	Less 10% of pond contains cover 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 between 0.5 and 5 acres	
	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 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 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 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	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 development	
	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:	City of Eugene LWI	Wetland:	WKZ-3
Project Location:	Lane County, Oregon	Wetland Type(s):	PFO
Date(s) of field work:	9/9/2003	Approx. Area (acres):	1.00
Onsite Assessment?:	Yes	Investigator(s):	SE/ME
Wetland Location:	East of Delta Hwy between Applewood Lane & Stapp 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	B	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	C	Q-3		Q-3	A	Q-3	B	Q-3	C
Q-4	B	Q-4		Q-4	B	Q-4	A	Q-4	A
Q-5	A	Q-5		Q-5	A	Q-5	B	Q-5	A
Q-6	A	Q-6		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	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	C	Q-1	C
Q-2	B	Q-2	A	Q-2	C	Q-2	C
Q-3		Q-3	B	Q-3	C	Q-3	A
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 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:	City of Eugene LWI	Wetland:	WKZ-3
Location:	Lane County, Oregon	Approx. Area (acres):	1.00
Date:	9/9/2003	Wetland Type(s):	PFO
Result:	Wetland provides habitat for some wildlife species		
Rationale:	One Cowardin class with > 5 species	No adjacent Water Quality limited streams	
	Herbaceous vegetation & ponding	Adjacent land is mostly developed	
	Between 0.5 - 1 acre 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	Wetland is between 0.5 and 5 acres	
	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	Herbaceous vegetation & 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 is taken out or isolated wetland	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 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 has potential for educational use		
Rationale:	Wetland is open to the public	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 development	
	Less than 25% 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:	City of Eugene LWI	Wetland:	WKZ-4
Project Location:	Lane County, Oregon	Wetland Type(s):	PFO, PEM, PSS
Date(s) of field work:	8/15/2003	Approx. Area (acres):	6.58
Onsite Assessment?:	Yes	Investigator(s):	SE/ME
Wetland Location:	NW of the intersection of Beltline and Delta Highway		

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	A	Q-1	A	Q-1	A
Q-2	A	Q-2		Q-2	A	Q-2	A	Q-2	B
Q-3	C	Q-3		Q-3	A	Q-3	A	Q-3	A
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	B
Q-6	A	Q-6		Q-6	A	Q-6	C	Q-6	A
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	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	A	Q-2	A	Q-2	C	Q-2	B
Q-3	A	Q-3	B	Q-3	A	Q-3	C
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	B

Results:

Enhancement Potential	Wetland has high enhancement potential
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:	City of Eugene LWI	Wetland:	WKZ-4
Location:	Lane County, Oregon	Approx. Area (acres):	6.58
Date:	8/15/2003	Wetland Types(s):	PFO, PEM, PSS
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:	Fish habitat was not assessed for this wetland		
Rationale:			
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	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 agriculture	
	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 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 considered to be moderately pleasing		
Rationale:	More than two Cowardin classes are 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	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:	City of Eugene LWI	Wetland:	WKZ-5
Project Location:	Lane County, Oregon	Wetland Type(s):	PSS, PFO, R2AB
Date(s) of field work:	8/15/2003	Approx. Area (acres):	12.28
Onsite Assessment?:	Yes	Investigator(s):	SE/ME
Wetland Location:	S. of Lakeside Road and along the west side of Delta Highway		

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	B	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	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	B	Q-5	A
Q-6	A	Q-6	A	Q-6	A	Q-6	A	Q-6	B
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	B
Q-2	A	Q-2	A	Q-2	C	Q-2	C
Q-3	A	Q-3	B	Q-3	A	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 provides recreational opportunities
Aesthetic Quality	Wetland is considered to be moderately pleasing

Oregon Freshwater Wetland Assessment Methodology

Functions and Conditions Summary Sheet



Project:	City of Eugene LWI	Wetland:	WKZ-5
Location:	Lane County, Oregon	Approx. Area (acres):	12.28
Date:	8/15/2003	Wetland Types(s):	PSS, PFO, R2AB
Result:	Wetland provides habitat for some wildlife species		
Rationale:	More than one Cowardin class	Adjacent Water Quality limited stream	
	Herbaceous vegetation & 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:	25-50% 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	Salmon and/or trout 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	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	
	Adjacent Water Quality Limited stream	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 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	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:	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

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Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	City of Eugene LWI		Wetland:	WKZ-6
Project Location:	Lane County, Oregon	Wetland Type(s):	PAB, PSS, PFO	
Date(s) of field work:	8/15/2003	Approx. Area (acres):	19.02	
Onsite Assessment?:	Yes	Investigator(s):	SE/ME	
Wetland Location:	E. of Delta Hwy., from N. of Belt Line & Goodpasture Island 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	A	Q-1	C	Q-1	A	Q-1	A
Q-2	B	Q-2	B	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	A
Q-5	B	Q-5	C	Q-5	A	Q-5	B	Q-5	A
Q-6	B	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	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 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	B	Q-2	A	Q-2	C	Q-2	C
Q-3		Q-3	A	Q-3	C	Q-3	A
Q-4	A	Q-4	A	Q-4	B	Q-4	B
Q-5B	A	Q-5	A	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 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:	City of Eugene LWI	Wetland:	WKZ-6
Location:	Lane County, Oregon	Approx. Area (acres):	19.02
Date:	8/15/2003	Wetland Types(s):	PAB, PSS, PFO
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	
	Greater than 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	Warmwater fish present in stream	
Result:	Wetland's water-quality function is impacted or degraded		
Rationale:	Primary water source is groundwater	Wetland is more than 5 acres in size	
	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 within 100 year floodplain	Herbaceous vegetation & 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	
	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 groundwater	Wetland buffer is greater than 40%	
		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 not 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	Continuous traffic and natural noises occur	

Oregon Freshwater Wetland Assessment Methodology

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Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	City of Eugene LWI	Wetland:	WKZ-7
Project Location:	Lane County, Oregon	Wetland Type(s):	PAB, PSS, PFO, PEM
Date(s) of field work:	7/30/2003 & 9/9/2003	Approx. Area (acres):	65.54
Onsite Assessment?:	Yes	Investigator(s):	SE/ME
Wetland Location:	East of Goodpasture Island Loop, East and west of Delta Highway		

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	C	Q-1	A	Q-1	B
Q-2	B	Q-2	C	Q-2	A	Q-2	A	Q-2	B
Q-3	B	Q-3	A	Q-3	C	Q-3	A	Q-3	C
Q-4	A	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	B	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	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 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	A	Q-1	A	Q-1	A
Q-2		Q-2	A	Q-2	C	Q-2	A
Q-3		Q-3	A	Q-3	A	Q-3	C
Q-4		Q-4	A	Q-4	A	Q-4	C
Q-5B		Q-5	A	Q-5	A	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 educational uses
Recreation	Wetland provides recreational opportunities
Aesthetic Quality	Wetland is not aesthetically pleasing

Oregon Freshwater Wetland Assessment Methodology

Functions and Conditions Summary Sheet



Project:	City of Eugene LWI		Wetland:	WKZ-7
Location:	Lane County, Oregon		Approx. Area (acres):	65.54
Date:	7/30/2003 & 9/9/2003		Wetland Types(s):	PAB, PSS, PFO, PEM
Result:	Wetland provides diverse wildlife habitat			
Rationale:	More than one Cowardin class		No adjacent Water Quality limited streams	
	Herbaceous vegetation & ponding		Adjacent land is mostly developed	
	Greater than 1 acre 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 banks are extensively modified		Adjacent land is mostly developed	
	>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 groundwater		Wetland is more than 5 acres in size	
	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 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 not modified		Adjacent land is mostly developed	
	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 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 diverse wildlife habitat	
	No boat launching can be developed		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:	City of Eugene LWI	Wetland:	WKZ-8
Project Location:	Lane County, Oregon	Wetland Type(s):	PEM
Date(s) of field work:	8/15/2003	Approx. Area (acres):	0.62
Onsite Assessment?:	Yes	Investigator(s):	SE/ME
Wetland Location:	East of Delta Highway, West of Willagillespie 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	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	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 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	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	C	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:	City of Eugene LWI		Wetland:	WKZ-8
Location:	Lane County, Oregon	Approx. Area (acres):	0.62	
Date:	8/15/2003	Wetland Types(s):	PEM	
Result:	Wetland provides habitat for some wildlife species			
Rationale:	One Cowardin class with > 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 intact			
Rationale:	Primary water source is precipitation	Wetland is between 0.5 and 5 acres		
	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 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%		
		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		
	>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:	City of Eugene LWI	Wetland:	WKZ-9
Project Location:	Lane County, Oregon	Wetland Type(s):	PAB, PUB, PEM, PSS
Date(s) of field work:	8/6/2003	Approx. Area (acres):	10.18
Onsite Assessment?:	No	Investigator(s):	SE
Wetland Location:	E. and W. of Delta Highway to W. of Country Sand 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	C	Q-1	A	Q-1	A	Q-1	A
Q-2	B	Q-2	C	Q-2	A	Q-2	A	Q-2	B
Q-3	C	Q-3	C	Q-3	C	Q-3	A	Q-3	C
Q-4	B	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	C	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	B
Q-4	A	Q-4	B	Q-4	B	Q-4	B
Q-5B	B	Q-5	A	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 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:	City of Eugene LWI	Wetland:	WKZ-9
Location:	Lane County, Oregon	Approx. Area (acres):	10.18
Date:	8/6/2003	Wetland Types(s):	PAB, PUB, 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	
	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	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	Wetland is more than 5 acres in size	
	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 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 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	Maintained public access within 250 feet	
	No visible hazards to public	Wetland is not 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 considered to be pleasing		
Rationale:	More than two Cowardin classes are visible	Wetland surrounded by landscaped areas	
	25 - 50% of wetland can be seen	Natural odors present at wetland	
	Visual detractors present, can 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:	City of Eugene LWI	Wetland:	WKZ-10
Project Location:	Lane County, Oregon	Wetland Type(s):	PAB, PSS
Date(s) of field work:	7/8/2003	Approx. Area (acres):	0.55
Onsite Assessment?:	No	Investigator(s):	SE/ME
Wetland Location:	W. of Coburg Rd. in trailer park community at N. end of the UGB		

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	A
Q-2	B	Q-2		Q-2	A	Q-2	A	Q-2	A
Q-3	C	Q-3		Q-3	C	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	B	Q-5	B
Q-6	B	Q-6		Q-6	C	Q-6	A	Q-6	B
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	B
Q-2	B	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	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:	City of Eugene LWI	Wetland:	WKZ-10
Location:	Lane County, Oregon	Approx. Area (acres):	0.55
Date:	7/8/2003	Wetland Types(s):	PAB, 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 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	Wetland is between 0.5 and 5 acres	
	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	Herbaceous vegetation & 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 is taken out or isolated wetland	Adjacent zoning is primarily agriculture	
	No adjacent Water Quality Limited streams	Herbaceous vegetation & 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 groundwater	Wetland buffer is greater than 40%	
		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:	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:	City of Eugene LWI	Wetland:	WKZ-11
Project Location:	Lane County, Oregon	Wetland Type(s):	PEMf, PFO
Date(s) of field work:	11/4/2003	Approx. Area (acres):	4.66
Onsite Assessment?:	No (previously delineated)	Investigator(s):	ME
Wetland Location:	NW corner of County Farm Road and Coburg 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	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	A	Q-4	B
Q-5	B	Q-5		Q-5	B	Q-5	C	Q-5	B
Q-6	B	Q-6		Q-6	C	Q-6	B	Q-6	C
Q-7	A					Q-7	A		
Q-8	B								
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	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	C	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:	City of Eugene LWI		Wetland:	WKZ-11
Location:	Lane County, Oregon	Approx. Area (acres):	4.66	
Date:	11/4/2003	Wetland Types(s):	PEMf, PFO	
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 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	Wetland is between 0.5 and 5 acres		
	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	Agriculture 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 use is primarily agriculture		
	Water is taken out or isolated wetland	Adjacent zoning is primarily agriculture		
	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%		
		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	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:	City of Eugene LWI	Wetland:	WKZ-12
Project Location:	Lane County, Oregon	Wetland Type(s):	PEMf
Date(s) of field work:	8/6/2003	Approx. Area (acres):	2.18
Onsite Assessment?:	No	Investigator(s):	SE
Wetland Location:	SW corner of Game Farm Road and Crescent 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	A
Q-3	C	Q-3		Q-3	C	Q-3	B	Q-3	C
Q-4	C	Q-4		Q-4	B	Q-4	A	Q-4	B
Q-5	C	Q-5		Q-5	B	Q-5	C	Q-5	A
Q-6	B	Q-6		Q-6	C	Q-6	B	Q-6	C
Q-7	A					Q-7	B		
Q-8	B								
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	A
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 considered to be pleasing

Oregon Freshwater Wetland Assessment Methodology

Functions and Conditions Summary Sheet



Project:	City of Eugene LWI	Wetland:	WKZ-12
Location:	Lane County, Oregon	Approx. Area (acres):	2.18
Date:	8/6/2003	Wetland Types(s):	PEMF
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 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	Wetland is between 0.5 and 5 acres	
	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	Agriculture downslope of wetland	
	Flow out of wetland is restricted	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 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 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:	City of Eugene LWI	Wetland:	WKZ-13
Project Location:	Lane County, Oregon	Wetland Type(s):	PUB, PEM
Date(s) of field work:	5/29/2003	Approx. Area (acres):	2.69
Onsite Assessment?:	Yes	Investigator(s):	PF/CR
Wetland Location:	N. of Highway 126, S. of Sorrel Way, W. of Rustic Place		

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	C	Q-1	B	Q-1	B
Q-2	B	Q-2	B	Q-2	A	Q-2	A	Q-2	B
Q-3	C	Q-3	B	Q-3	C	Q-3	B	Q-3	C
Q-4	B	Q-4	A	Q-4	B	Q-4	A	Q-4	A
Q-5	B	Q-5	C	Q-5	A	Q-5	B	Q-5	A
Q-6	B	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	C								

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	A	Q-1	A	Q-1	B
Q-2	B	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	C	Q-4	B	Q-4	C
Q-5B	C	Q-5	A	Q-5	A	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 provides recreational opportunities
Aesthetic Quality	Wetland is considered to be moderately pleasing

Oregon Freshwater Wetland Assessment Methodology

Functions and Conditions Summary Sheet



Project:	City of Eugene LWI	Wetland:	WKZ-13
Location:	Lane County, Oregon	Approx. Area (acres):	2.69
Date:	5/29/2003	Wetland Type(s):	PUB, 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 mostly developed	
	Between 0.5 - 1 acre of open water	Wetland buffer is less than 10%	
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 impacted or degraded		
Rationale:	Primary water source is groundwater	Wetland is between 0.5 and 5 acres	
	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	Herbaceous vegetation & 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 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 between 0.5 and 5 acres	
	Primary water source is groundwater	Wetland buffer is less than 10%	
		Potentially sensitive to future impacts	
Result:	Wetland has potential for educational use		
Rationale:	Wetland is open to the public	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 provides recreational opportunities		
Rationale:	Maintained public access within 250 feet	Wetland provides habitat for some wildlife	
	No boat launching can be developed	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 development	
	>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:	City of Eugene LWI	Wetland:	WKZ-14
Project Location:	Lane County, Oregon	Wetland Type(s):	R2UB, PEM, PSS
Date(s) of field work:	8/21/2003	Approx. Area (acres):	7.29
Onsite Assessment?:	No	Investigator(s):	ME/SE
Wetland Location:	S.of Highway 126, E.of Centennial Loop to I-5		

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	B	Q-2	B	Q-2	A	Q-2	A	Q-2	B
Q-3	C	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	B	Q-5	A
Q-6	A	Q-6	A	Q-6	C	Q-6	A	Q-6	B
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	A	Q-1	A
Q-2	A	Q-2	A	Q-2	C	Q-2	B
Q-3	A	Q-3	B	Q-3	A	Q-3	A
Q-4	A	Q-4	B	Q-4	B	Q-4	B
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 site is not appropriate for educational use
Recreation	Wetland provides recreational opportunities
Aesthetic Quality	Wetland is considered to be pleasing

Oregon Freshwater Wetland Assessment Methodology

Functions and Conditions Summary Sheet



Project:	City of Eugene LWI		Wetland:	WKZ-14
Location:	Lane County, Oregon	Approx. Area (acres):	7.29	
Date:	8/21/2003	Wetland Types(s):	R2UB, 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 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	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 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 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	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 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 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:	City of Eugene LWI	Wetland:	WR-1
Project Location:	Lane County, Oregon	Wetland Type(s):	PEM, PSS
Date(s) of field work:	7/28/2003	Approx. Area (acres):	1.94
Onsite Assessment?:	Yes	Investigator(s):	ME/SE
Wetland Location:	Adjacent to the Willamette River, just south of River 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	A	Q-1	A	Q-1	B
Q-2	A	Q-2		Q-2	A	Q-2	A	Q-2	A
Q-3	B	Q-3		Q-3	A	Q-3	B	Q-3	A
Q-4	C	Q-4		Q-4	B	Q-4	C	Q-4	C
Q-5	A	Q-5		Q-5	C	Q-5	A	Q-5	a
Q-6	A	Q-6		Q-6	A	Q-6	A	Q-6	A
Q-7	C					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 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	A	Q-1	B
Q-2	A	Q-2	A	Q-2	C	Q-2	A
Q-3	A	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	B	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:	City of Eugene LWI	Wetland:	WR-1
Location:	Lane County, Oregon	Approx. Area (acres):	1.94
Date:	7/28/2003	Wetland Types(s):	PEM, PSS
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 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 surface flow	Wetland is between 0.5 and 5 acres	
	Wetland floods/ponds in growing season	Adjacent land is primarily open space	
	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	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 primarily open space	
	Water is taken out or isolated wetland	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 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 educational uses		
Rationale:	Wetland is open to the public	Maintained public access within 250 feet	
	No visible hazards to public	Wetland is not 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:	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	

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Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	City of Eugene LWI	Wetland:	WR-2
Project Location:	Lane County, Oregon	Wetland Type(s):	PUB, PSS
Date(s) of field work:	7/28/2003	Approx. Area (acres):	1.79
Onsite Assessment?:	Yes	Investigator(s):	ME/SE
Wetland Location:	Willamette River, Lindner Lane and Sandra 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	C	Q-1	A	Q-1	A	Q-1	A
Q-2	B	Q-2	B	Q-2	A	Q-2	A	Q-2	B
Q-3	C	Q-3	B	Q-3	C	Q-3	B	Q-3	A
Q-4	A	Q-4	C	Q-4	B	Q-4	C	Q-4	C
Q-5	A	Q-5	A	Q-5	C	Q-5	B	Q-5	C
Q-6	A	Q-6	A	Q-6	A	Q-6	C	Q-6	B
Q-7	C					Q-7	C		
Q-8	A								
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	A	Q-1	A	Q-1	C
Q-2	A	Q-2	A	Q-2	C	Q-2	A
Q-3	A	Q-3	B	Q-3	A	Q-3	A
Q-4	B	Q-4	A	Q-4	B	Q-4	B
Q-5B	B	Q-5	A	Q-5	A	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:	City of Eugene LWI	Wetland:	WR-2
Location:	Lane County, Oregon	Approx. Area (acres):	1.79
Date:	7/28/2003	Wetland Types(s):	PUB, PSS
Result:	Wetland provides habitat for some wildlife species		
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 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 primarily open space	
	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	Wetland is between 0.5 and 5 acres	
	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 is impacted or degraded		
Rationale:	Wetland is 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	Open space 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	
	Adjacent Water Quality Limited stream	Herbaceous vegetation & 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 surface flow	Wetland buffer is between 10% and 40%	
	Flow into wetland is not 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	Fishing is allowed	
	Maintained trails, 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	

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Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	City of Eugene LWI		Wetland:	WR-3
Project Location:	Lane County, Oregon	Wetland Type(s):	PSS, PEM, PAB	
Date(s) of field work:	7/30/2003	Approx. Area (acres):	25.48	
Onsite Assessment?:	Yes	Investigator(s):	ME/SE	
Wetland Location:	East of the Willamette River, west of Goodpasture Island Loop			

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	A	Q-1	A
Q-2	B	Q-2	B	Q-2	A	Q-2	A	Q-2	B
Q-3	B	Q-3	B	Q-3	C	Q-3	A	Q-3	A
Q-4	A	Q-4	C	Q-4	A	Q-4	A	Q-4	C
Q-5	A	Q-5	A	Q-5	C	Q-5	B	Q-5	C
Q-6	A	Q-6	B	Q-6	A	Q-6	A	Q-6	B
Q-7	C					Q-7	A		
Q-8	A								
Q-9A									
Q-9B	B								

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 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	A	Q-1	A	Q-1	A
Q-2		Q-2	A	Q-2	C	Q-2	B
Q-3		Q-3	A	Q-3	A	Q-3	C
Q-4		Q-4	A	Q-4	A	Q-4	B
Q-5B		Q-5	A	Q-5	B	Q-5	B
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 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:	City of Eugene LWI		Wetland:	WR-3
Location:	Lane County, Oregon	Approx. Area (acres):	25.48	
Date:	7/30/2003	Wetland Types(s):	PSS, PEM, PAB	
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 between 10% and 40%		
Result:	Wetland's fish habitat function is impacted or degraded			
Rationale:	25-50% of stream is shaded	Adjacent Water Quality Limited stream		
	Only portions of stream are modified	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 precipitation	Wetland is more than 5 acres in size		
	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	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 mostly open space		
	Adjacent Water Quality Limited stream	Herbaceous vegetation & ponding		
Result:	Due to diverse wildlife habitat, this wetland cannot be enhanced			
Rationale:				
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 diverse wildlife habitat		
	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 landscaped areas		
	25 - 50% of wetland can be seen	Unpleasant odors are present sometimes		
	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:	City of Eugene LWI	Wetland:	WR-4
Project Location:	Lane County, Oregon	Wetland Type(s):	PAB, PSS, PUB
Date(s) of field work:	6/4/2003	Approx. Area (acres):	6.35
Onsite Assessment?:	No	Investigator(s):	PF/ME
Wetland Location:	N. of Franklin Boulevard, between Kincaid St to Judkins Point		

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	B
Q-2	B	Q-2	B	Q-2	A	Q-2	A	Q-2	B
Q-3	C	Q-3	A	Q-3	C	Q-3	A	Q-3	A
Q-4	A	Q-4	C	Q-4	A	Q-4	C	Q-4	A
Q-5	B	Q-5	C	Q-5	A	Q-5	B	Q-5	c
Q-6	A	Q-6	B	Q-6	A	Q-6	A	Q-6	B
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 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	A	Q-1	A
Q-2	A	Q-2	A	Q-2	C	Q-2	C
Q-3	C	Q-3	B	Q-3	A	Q-3	A
Q-4	A	Q-4	A	Q-4	B	Q-4	C
Q-5B	B	Q-5	A	Q-5	A	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 educational uses
Recreation	Wetland provides recreational opportunities
Aesthetic Quality	Wetland is not aesthetically pleasing

Oregon Freshwater Wetland Assessment Methodology

Functions and Conditions Summary Sheet



Project:	City of Eugene LWI	Wetland:	WR-4
Location:	Lane County, Oregon	Approx. Area (acres):	6.35
Date:	6/4/2003	Wetland Types(s):	PAB, PSS, PUB
Result:	Wetland provides habitat for some wildlife species		
Rationale:	More than one Cowardin class	Adjacent Water Quality limited stream	
	Herbaceous vegetation & ponding	Adjacent land is mostly developed	
	Greater than 1 acre 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	Adjacent Water Quality Limited stream	
	Only portions of stream are modified	Adjacent land is mostly developed	
	>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	
	Wetland floods/ponds in growing season	Adjacent land is mostly developed	
	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	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 mostly open space	
	Adjacent Water Quality Limited stream	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 surface flow	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	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	
	Less than 25% 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:	City of Eugene LWI	Wetland:	WR-5
Project Location:	Lane County, Oregon	Wetland Type(s):	PEM, PFO
Date(s) of field work:	6/4/2003	Approx. Area (acres):	1.17
Onsite Assessment?:	Yes	Investigator(s):	PF/ME
Wetland Location:	Alton Baker Park, SW of Walnut Rd, adjacent to Willamette River		

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	A	Q-2	A	Q-2	A	Q-2	A	Q-2	B
Q-3	B	Q-3	B	Q-3	A	Q-3	B	Q-3	A
Q-4	C	Q-4	C	Q-4	B	Q-4	C	Q-4	C
Q-5	A	Q-5	A	Q-5	C	Q-5	A	Q-5	C
Q-6	A	Q-6	A	Q-6	A	Q-6	C	Q-6	A
Q-7	C					Q-7	B		
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 impacted or degraded
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	B
Q-2	A	Q-2	A	Q-2	A	Q-2	C
Q-3	C	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	A	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 moderately pleasing

Oregon Freshwater Wetland Assessment Methodology

Functions and Conditions Summary Sheet



Project:	City of Eugene LWI		Wetland:	WR-5
Location:	Lane County, Oregon	Approx. Area (acres):	1.17	
Date:	6/4/2003	Wetland Types(s):	PEM, 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 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	Adjacent Water Quality Limited stream		
	Stream is in a natural channel	Adjacent land is primarily open space		
	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	Wetland is between 0.5 and 5 acres		
	Wetland floods/ponds in growing season	Adjacent land is primarily open space		
	High wetland vegetation cover	Adjacent Water Quality Limited stream		
Result:	Wetland's hydrologic control is impacted or degraded			
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 not modified	Adjacent land is primarily open space		
	Water not taken out	Adjacent zoning is mostly open space		
	Adjacent Water Quality Limited stream	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%		
	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		
	Boat launching within 1/2 mile	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 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		

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)



Project Name:	City of Eugene LWI	Wetland:	AMA-1
Project Location:	Lane County, Oregon	Approx. Area (acres):	1.58
Date:	9/11/2003	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:		No
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 <i>diverse wildlife habitat</i> ?		No
2 Is the wetland's <i>fish habitat function intact</i> ?		No
3 Is the wetland's <i>water quality function intact</i> ?		No
4 Is the wetland's <i>hydrologic control function intact</i> ?		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) <u>and</u> is the wetland's <i>water quality function intact, or impacted or degraded</i> ?		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 <u>and</u> is the wetland's <i>fish habitat function intact, or impacted or degraded</i> ?		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 <u>and</u> provides <i>diverse wildlife habitat or habitat for some species</i> <u>or</u> has a <i>intact, or impacted or degraded fish habitat function</i> <u>or</u> has a <i>intact, or impacted or degraded water quality function</i> <u>or</u> has a <i>intact, or impacted or degraded hydrologic control function</i> .		No
2 Is the wetland publicly owned and used by a school or organization <u>and</u> does the wetland provide <i>educational uses</i> ?		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:	City of Eugene LWI	Wetland:	AMA-2
Project Location:	Lane County, Oregon	Approx. Area (acres):	0.70
Date:	9/26/2003	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".

<p>1 Is this wetland artificially created entirely from upland and:</p> <p>a. created for the purpose of controlling, storing, or maintaining stormwater</p> <p>b. is used for active surface mining or as a log pond</p> <p>c. is a ditch without a free and open connection to natural waters of the state</p> <p>d. is less than 1 acre and created unintentionally from irrigation or construction</p> <p>e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 80%;"></td><td style="width: 20%;">No</td></tr> <tr><td></td><td>No</td></tr> <tr><td></td><td>No</td></tr> <tr><td></td><td>No</td></tr> <tr><td></td><td>No</td></tr> </table>		No		No		No		No		No
	No										
	No										
	No										
	No										
	No										
<p>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)</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 80%;"></td><td style="width: 20%;">No</td></tr> </table>		No								
	No										
Exclusion criteria satisfied?	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 80%;"></td><td style="width: 20%;">No</td></tr> </table>		No								
	No										

Mandatory Locally Significant Wetland Criteria : This wetland is locally significant if "Yes" is the answer to any of the criteria below.

<p>1 Does the wetland provide <i>diverse wildlife habitat</i> ?</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 80%;"></td><td style="width: 20%;">No</td></tr> </table>		No
	No		
<p>2 Is the wetland's <i>fish habitat function intact</i> ?</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 80%;"></td><td style="width: 20%;">No</td></tr> </table>		No
	No		
<p>3 Is the wetland's <i>water quality function intact</i> ?</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 80%;"></td><td style="width: 20%;">No</td></tr> </table>		No
	No		
<p>4 Is the wetland's <i>hydrologic control function intact</i> ?</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 80%;"></td><td style="width: 20%;">No</td></tr> </table>		No
	No		
<p>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) <u>and</u> is the wetland's <i>water quality function intact, or impacted or degraded</i> ?</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 80%;"></td><td style="width: 20%;">No</td></tr> </table>		No
	No		
<p>6 Does the wetland contain a rare plant community?</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 80%;"></td><td style="width: 20%;">No</td></tr> </table>		No
	No		
<p>7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 80%;"></td><td style="width: 20%;">No</td></tr> </table>		No
	No		
<p>8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids <u>and</u> is the wetland's <i>fish habitat function intact, or impacted or degraded</i> ?</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 80%;"></td><td style="width: 20%;">No</td></tr> </table>		No
	No		
Mandatory Locally Significant Wetland criteria satisfied ?	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 80%;"></td><td style="width: 20%;">No</td></tr> </table>		No
	No		

Optional Locally Significant Wetland Criteria : local governments may identify a wetland as significant if "Yes" is the answer to the criteria below

<p>1 Does the wetland represent a locally unique native plant community <u>and</u> provides <i>diverse wildlife habitat or habitat for some species</i> <u>or</u> has a <i>intact, or impacted or degraded fish habitat function</i> <u>or</u> has a <i>intact, or impacted or degraded water quality function</i> <u>or</u> has a <i>intact, or impacted or degraded hydrologic control function</i> .</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 80%;"></td><td style="width: 20%;">No</td></tr> </table>		No
	No		
<p>2 Is the wetland publicly owned and used by a school or organization <u>and</u> does the wetland provide <i>educational uses</i> ?</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 80%;"></td><td style="width: 20%;">No</td></tr> </table>		No
	No		
Optional Locally Significant Wetland criteria satisfied ?	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 80%;"></td><td style="width: 20%;">No</td></tr> </table>		No
	No		

Does not satisfy the criteria, Not a Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)



Project Name:	City of Eugene LWI	Wetland:	AMA-3
Project Location:	Lane County, Oregon	Approx. Area (acres):	0.53
Date:	9/11/2003	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 <i>diverse wildlife habitat</i> ?		No
2 Is the wetland's <i>fish habitat function intact</i> ?		No
3 Is the wetland's <i>water quality function intact</i> ?	Yes	
4 Is the wetland's <i>hydrologic control function intact</i> ?	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) <u>and</u> is the wetland's <i>water quality function intact, or impacted or degraded</i> ?		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 <u>and</u> is the wetland's <i>fish habitat function intact, or impacted or degraded</i> ?		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 <u>and</u> provides <i>diverse wildlife habitat or habitat for some species</i> <u>or</u> has a <i>intact, or impacted or degraded fish habitat function</i> <u>or</u> has a <i>intact, or impacted or degraded water quality function</i> <u>or</u> has a <i>intact, or impacted or degraded hydrologic control function</i> .		No
2 Is the wetland publicly owned and used by a school or organization <u>and</u> does the wetland provide <i>educational uses</i> ?		No
Optional Locally Significant Wetland criteria satisfied ?		No

Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)



Project Name:	City of Eugene LWI	Wetland:	AMA-4
Project Location:	Lane County, Oregon	Approx. Area (acres):	1.43
Date:	9/11/2003	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:		No
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 <i>diverse wildlife habitat</i> ?	Yes	
2 Is the wetland's <i>fish habitat function intact</i> ?		No
3 Is the wetland's <i>water quality function intact</i> ?		No
4 Is the wetland's <i>hydrologic control function intact</i> ?		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) <u>and</u> is the wetland's <i>water quality function intact, or impacted or degraded</i> ?		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 <u>and</u> is the wetland's <i>fish habitat function intact, or impacted or degraded</i> ?		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 <u>and</u> provides <i>diverse wildlife habitat or habitat for some species</i> <u>or</u> has a <i>intact, or impacted or degraded fish habitat function</i> <u>or</u> has a <i>intact, or impacted or degraded water quality function</i> <u>or</u> has a <i>intact, or impacted or degraded hydrologic control function</i> .		No
2 Is the wetland publicly owned and used by a school or organization <u>and</u> does the wetland provide <i>educational uses</i> ?		No
Optional Locally Significant Wetland criteria satisfied ?		No

Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)



Project Name:	City of Eugene LWI	Wetland:	AMA-5
Project Location:	Lane County, Oregon	Approx. Area (acres):	1.23
Date:	9/11/2003	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 <i>diverse wildlife habitat</i> ?	Yes		
2 Is the wetland's <i>fish habitat function intact</i> ?			No
3 Is the wetland's <i>water quality function intact</i> ?			No
4 Is the wetland's <i>hydrologic control function intact</i> ?			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) <u>and</u> is the wetland's <i>water quality function intact, or impacted or degraded</i> ?			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 <u>and</u> is the wetland's <i>fish habitat function intact, or impacted or degraded</i> ?			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 <u>and</u> provides <i>diverse wildlife habitat or habitat for some species</i> <u>or</u> has a <i>intact, or impacted or degraded fish habitat function</i> <u>or</u> has a <i>intact, or impacted or degraded water quality function</i> <u>or</u> has a <i>intact, or impacted or degraded hydrologic control function</i> .			No
2 Is the wetland publicly owned and used by a school or organization <u>and</u> does the wetland provide <i>educational uses</i> ?			No
Optional Locally Significant Wetland criteria satisfied ?			No

Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)



Project Name:	City of Eugene LWI	Wetland:	AMA-6
Project Location:	Lane County, Oregon	Approx. Area (acres):	9.9
Date:	6/10/2003, 10/1/2003	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 <i>diverse wildlife habitat</i> ?		No
2 Is the wetland's <i>fish habitat function intact</i> ?		No
3 Is the wetland's <i>water quality function intact</i> ?		No
4 Is the wetland's <i>hydrologic control function intact</i> ?	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) <u>and</u> is the wetland's <i>water quality function intact, or impacted or degraded</i> ?	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 <u>and</u> is the wetland's <i>fish habitat function intact, or impacted or degraded</i> ?		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 <u>and</u> provides <i>diverse wildlife habitat or habitat for some species</i> <u>or</u> has a <i>intact, or impacted or degraded fish habitat function</i> <u>or</u> has a <i>intact, or impacted or degraded water quality function</i> <u>or</u> has a <i>intact, or impacted or degraded hydrologic control function</i> .		No
2 Is the wetland publicly owned and used by a school or organization <u>and</u> does the wetland provide <i>educational uses</i> ?		No
Optional Locally Significant Wetland criteria satisfied ?		No

Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)



Project Name:	City of Eugene LWI	Wetland:	AMA-7
Project Location:	Lane County, Oregon	Approx. Area (acres):	7.10
Date:	8/26/2003	Wetland Types(s):	R2UB

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 <i>diverse wildlife habitat</i> ?		No
2 Is the wetland's <i>fish habitat function intact</i> ?		No
3 Is the wetland's <i>water quality function intact</i> ?		No
4 Is the wetland's <i>hydrologic control function intact</i> ?	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) <u>and</u> is the wetland's <i>water quality function intact, or impacted or degraded</i> ?	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 <u>and</u> is the wetland's <i>fish habitat function intact, or impacted or degraded</i> ?		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 <u>and</u> provides <i>diverse wildlife habitat or habitat for some species</i> <u>or</u> has a <i>intact, or impacted or degraded fish habitat function</i> <u>or</u> has a <i>intact, or impacted or degraded water quality function</i> <u>or</u> has a <i>intact, or impacted or degraded hydrologic control function</i> .		No
2 Is the wetland publicly owned and used by a school or organization <u>and</u> does the wetland provide <i>educational uses</i> ?		No
Optional Locally Significant Wetland criteria satisfied ?		No

Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)



Project Name:	City of Eugene LWI	Wetland:	AMA-8
Project Location:	Lane County, Oregon	Approx. Area (acres):	4.17
Date:	6/10/2003	Wetland Types(s):	PEM, 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 <i>diverse wildlife habitat</i> ?	
2 Is the wetland's <i>fish habitat function intact</i> ?	No
3 Is the wetland's <i>water quality function intact</i> ?	No
4 Is the wetland's <i>hydrologic control function intact</i> ?	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) <u>and</u> is the wetland's <i>water quality function intact, or impacted or degraded</i> ?	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 <u>and</u> is the wetland's <i>fish habitat function intact, or impacted or degraded</i> ?	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 <u>and</u> provides <i>diverse wildlife habitat or habitat for some species</i> <u>or</u> has a <i>intact, or impacted or degraded fish habitat function</i> <u>or</u> has a <i>intact, or impacted or degraded water quality function</i> <u>or</u> has a <i>intact, or impacted or degraded hydrologic control function</i> .	
2 Is the wetland publicly owned and used by a school or organization <u>and</u> does the wetland provide <i>educational uses</i> ?	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:	City of Eugene LWI	Wetland:	AMA-9
Project Location:	Lane County, Oregon	Approx. Area (acres):	14.84
Date:	8/29/2003	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 <i>diverse wildlife habitat</i> ?		No
2 Is the wetland's <i>fish habitat function intact</i> ?		No
3 Is the wetland's <i>water quality function intact</i> ?	Yes	
4 Is the wetland's <i>hydrologic control function intact</i> ?	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) <u>and</u> is the wetland's <i>water quality function intact, or impacted or degraded</i> ?	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?	Yes	
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids <u>and</u> is the wetland's <i>fish habitat function intact, or impacted or degraded</i> ?		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 <u>and</u> provides <i>diverse wildlife habitat or habitat for some species</i> <u>or</u> has a <i>intact, or impacted or degraded fish habitat function</i> <u>or</u> has a <i>intact, or impacted or degraded water quality function</i> <u>or</u> has a <i>intact, or impacted or degraded hydrologic control function</i> .		No
2 Is the wetland publicly owned and used by a school or organization <u>and</u> does the wetland provide <i>educational uses</i> ?		No
Optional Locally Significant Wetland criteria satisfied ?		No

Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)



Project Name:	City of Eugene LWI	Wetland:	AMA-10
Project Location:	Lane County, Oregon	Approx. Area (acres):	1.42
Date:	8/29/2003	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 <i>diverse wildlife habitat</i> ?		No
2 Is the wetland's <i>fish habitat function intact</i> ?		No
3 Is the wetland's <i>water quality function intact</i> ?	Yes	
4 Is the wetland's <i>hydrologic control function intact</i> ?	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) <u>and</u> is the wetland's <i>water quality function intact, or impacted or degraded</i> ?	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 <u>and</u> is the wetland's <i>fish habitat function intact, or impacted or degraded</i> ?		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 <u>and</u> provides <i>diverse wildlife habitat or habitat for some species</i> <u>or</u> has a <i>intact, or impacted or degraded fish habitat function</i> <u>or</u> has a <i>intact, or impacted or degraded water quality function</i> <u>or</u> has a <i>intact, or impacted or degraded hydrologic control function</i> .		No
2 Is the wetland publicly owned and used by a school or organization <u>and</u> does the wetland provide <i>educational uses</i> ?		No
Optional Locally Significant Wetland criteria satisfied ?		No

Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)



Project Name:	City of Eugene LWI	Wetland:	AMA-11
Project Location:	Lane County, Oregon	Approx. Area (acres):	8.36
Date:	8/29/2003	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 <i>diverse wildlife habitat</i> ?		No
2 Is the wetland's <i>fish habitat function intact</i> ?		No
3 Is the wetland's <i>water quality function intact</i> ?	Yes	
4 Is the wetland's <i>hydrologic control function intact</i> ?	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) <u>and</u> is the wetland's <i>water quality function intact, or impacted or degraded</i> ?	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 <u>and</u> is the wetland's <i>fish habitat function intact, or impacted or degraded</i> ?		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 <u>and</u> provides <i>diverse wildlife habitat or habitat for some species</i> <u>or</u> has a <i>intact, or impacted or degraded fish habitat function</i> <u>or</u> has a <i>intact, or impacted or degraded water quality function</i> <u>or</u> has a <i>intact, or impacted or degraded hydrologic control function</i> .		No
2 Is the wetland publicly owned and used by a school or organization <u>and</u> does the wetland provide <i>educational uses</i> ?		No
Optional Locally Significant Wetland criteria satisfied ?		No

Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)



Project Name:	City of Eugene LWI	Wetland:	AMA-12
Project Location:	Lane County, Oregon	Approx. Area (acres):	1.03
Date:	10/1/2003	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 <i>diverse wildlife habitat</i> ?		No
2 Is the wetland's <i>fish habitat function intact</i> ?		No
3 Is the wetland's <i>water quality function intact</i> ?		No
4 Is the wetland's <i>hydrologic control function intact</i> ?		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) <u>and</u> is the wetland's <i>water quality function intact, or impacted or degraded</i> ?	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 <u>and</u> is the wetland's <i>fish habitat function intact, or impacted or degraded</i> ?		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 <u>and</u> provides <i>diverse wildlife habitat or habitat for some species</i> <u>or</u> has a <i>intact, or impacted or degraded fish habitat function</i> <u>or</u> has a <i>intact, or impacted or degraded water quality function</i> <u>or</u> has a <i>intact, or impacted or degraded hydrologic control function</i> .		No
2 Is the wetland publicly owned and used by a school or organization <u>and</u> does the wetland provide <i>educational uses</i> ?		No
Optional Locally Significant Wetland criteria satisfied ?		No

Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)



Project Name:	City of Eugene LWI	Wetland:	AMA-13
Project Location:	Lane County, Oregon	Approx. Area (acres):	1.43
Date:	10/17/2003	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 <i>diverse wildlife habitat</i> ?	Yes	
2 Is the wetland's <i>fish habitat function intact</i> ?		No
3 Is the wetland's <i>water quality function intact</i> ?		No
4 Is the wetland's <i>hydrologic control function intact</i> ?		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) <u>and</u> is the wetland's <i>water quality function intact, or impacted or degraded</i> ?		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 <u>and</u> is the wetland's <i>fish habitat function intact, or impacted or degraded</i> ?		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 <u>and</u> provides <i>diverse wildlife habitat or habitat for some species</i> <u>or</u> has a <i>intact, or impacted or degraded fish habitat function</i> <u>or</u> has a <i>intact, or impacted or degraded water quality function</i> <u>or</u> has a <i>intact, or impacted or degraded hydrologic control function</i> .		No
2 Is the wetland publicly owned and used by a school or organization <u>and</u> does the wetland provide <i>educational uses</i> ?		No
Optional Locally Significant Wetland criteria satisfied ?		No

Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)



Project Name:	City of Eugene LWI	Wetland:	AMA-14
Project Location:	Lane County, Oregon	Approx. Area (acres):	0.86
Date:	11/25/2003	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:		No
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 <i>diverse wildlife habitat</i> ?		No
2 Is the wetland's <i>fish habitat function intact</i> ?		No
3 Is the wetland's <i>water quality function intact</i> ?	Yes	
4 Is the wetland's <i>hydrologic control function intact</i> ?		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) <u>and</u> is the wetland's <i>water quality function intact, or impacted or degraded</i> ?		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 <u>and</u> is the wetland's <i>fish habitat function intact, or impacted or degraded</i> ?		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 <u>and</u> provides <i>diverse wildlife habitat or habitat for some species</i> <u>or</u> has a <i>intact, or impacted or degraded fish habitat function</i> <u>or</u> has a <i>intact, or impacted or degraded water quality function</i> <u>or</u> has a <i>intact, or impacted or degraded hydrologic control function</i> .		No
2 Is the wetland publicly owned and used by a school or organization <u>and</u> does the wetland provide <i>educational uses</i> ?		No
Optional Locally Significant Wetland criteria satisfied ?		No

Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)



Project Name:	City of Eugene LWI	Wetland:	AMA-15
Project Location:	Lane County, Oregon	Approx. Area (acres):	2.38
Date:	9/11/2003	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 <i>diverse wildlife habitat</i> ?			
2 Is the wetland's <i>fish habitat function intact</i> ?			No
3 Is the wetland's <i>water quality function intact</i> ?			No
4 Is the wetland's <i>hydrologic control function intact</i> ?			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) <u>and</u> is the wetland's <i>water quality function intact, or impacted or degraded</i> ?			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 <u>and</u> is the wetland's <i>fish habitat function intact, or impacted or degraded</i> ?			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 <u>and</u> provides <i>diverse wildlife habitat or habitat for some species</i> <u>or</u> has a <i>intact, or impacted or degraded fish habitat function</i> <u>or</u> has a <i>intact, or impacted or degraded water quality function</i> <u>or</u> has a <i>intact, or impacted or degraded hydrologic control function</i> .			
2 Is the wetland publicly owned and used by a school or organization <u>and</u> does the wetland provide <i>educational uses</i> ?			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:	City of Eugene LWI	Wetland:	AMA-16
Project Location:	Lane County, Oregon	Approx. Area (acres):	0.89
Date:	10/1/2003	Wetland Type(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:		No
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 <i>diverse wildlife habitat</i> ?		No
2 Is the wetland's <i>fish habitat function intact</i> ?		No
3 Is the wetland's <i>water quality function intact</i> ?	Yes	
4 Is the wetland's <i>hydrologic control function intact</i> ?		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) <u>and</u> is the wetland's <i>water quality function intact, or impacted or degraded</i> ?	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?	Yes	
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids <u>and</u> is the wetland's <i>fish habitat function intact, or impacted or degraded</i> ?		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 <u>and</u> provides <i>diverse wildlife habitat or habitat for some species</i> <u>or</u> has a <i>intact, or impacted or degraded fish habitat function</i> <u>or</u> has a <i>intact, or impacted or degraded water quality function</i> <u>or</u> has a <i>intact, or impacted or degraded hydrologic control function</i> .		No
2 Is the wetland publicly owned and used by a school or organization <u>and</u> does the wetland provide <i>educational uses</i> ?		No
Optional Locally Significant Wetland criteria satisfied ?		No

Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)



Project Name:	City of Eugene LWI	Wetland:	BD-1
Project Location:	Lane County, Oregon	Approx. Area (acres):	4.09
Date:	11/4/2003	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 <i>diverse wildlife habitat</i> ?		No
2 Is the wetland's <i>fish habitat function intact</i> ?		No
3 Is the wetland's <i>water quality function intact</i> ?		No
4 Is the wetland's <i>hydrologic control function intact</i> ?		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) <u>and</u> is the wetland's <i>water quality function intact, or impacted or degraded</i> ?		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 <u>and</u> is the wetland's <i>fish habitat function intact, or impacted or degraded</i> ?		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 <u>and</u> provides <i>diverse wildlife habitat or habitat for some species</i> <u>or</u> has a <i>intact, or impacted or degraded fish habitat function</i> <u>or</u> has a <i>intact, or impacted or degraded water quality function</i> <u>or</u> has a <i>intact, or impacted or degraded hydrologic control function</i> .		No
2 Is the wetland publicly owned and used by a school or organization <u>and</u> does the wetland provide <i>educational uses</i> ?		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:	City of Eugene LWI	Wetland:	BD-2
Project Location:	Lane County, Oregon	Approx. Area (acres):	5.35
Date:	7/31/2003	Wetland Types(s):	PFO, PAB, 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 <i>diverse wildlife habitat</i> ?		No
2 Is the wetland's <i>fish habitat function intact</i> ?		No
3 Is the wetland's <i>water quality function intact</i> ?		No
4 Is the wetland's <i>hydrologic control function intact</i> ?	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) <u>and</u> is the wetland's <i>water quality function intact, or impacted or degraded</i> ?		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 <u>and</u> is the wetland's <i>fish habitat function intact, or impacted or degraded</i> ?		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 <u>and</u> provides <i>diverse wildlife habitat or habitat for some species</i> <u>or</u> has a <i>intact, or impacted or degraded fish habitat function</i> <u>or</u> has a <i>intact, or impacted or degraded water quality function</i> <u>or</u> has a <i>intact, or impacted or degraded hydrologic control function</i> .		No
2 Is the wetland publicly owned and used by a school or organization <u>and</u> does the wetland provide <i>educational uses</i> ?		No
Optional Locally Significant Wetland criteria satisfied ?		No

Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)



Project Name:	City of Eugene LWI	Wetland:	BD-3
Project Location:	Lane County, Oregon	Approx. Area (acres):	5.71
Date:	7/10/2003	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:		No
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 <i>diverse wildlife habitat</i> ?		No
2 Is the wetland's <i>fish habitat function intact</i> ?		No
3 Is the wetland's <i>water quality function intact</i> ?	Yes	
4 Is the wetland's <i>hydrologic control function intact</i> ?	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) <u>and</u> is the wetland's <i>water quality function intact, or impacted or degraded</i> ?		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 <u>and</u> is the wetland's <i>fish habitat function intact, or impacted or degraded</i> ?		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 <u>and</u> provides <i>diverse wildlife habitat or habitat for some species</i> <u>or</u> has a <i>intact, or impacted or degraded fish habitat function</i> <u>or</u> has a <i>intact, or impacted or degraded water quality function</i> <u>or</u> has a <i>intact, or impacted or degraded hydrologic control function</i> .		No
2 Is the wetland publicly owned and used by a school or organization <u>and</u> does the wetland provide <i>educational uses</i> ?		No
Optional Locally Significant Wetland criteria satisfied ?		No

Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)



Project Name:	City of Eugene LWI	Wetland:	BD-4
Project Location:	Lane County, Oregon	Approx. Area (acres):	9.06
Date:	7/23/2003	Wetland Types(s):	PEMf, 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 <i>diverse wildlife habitat</i> ?			
2 Is the wetland's <i>fish habitat function intact</i> ?			No
3 Is the wetland's <i>water quality function intact</i> ?		Yes	
4 Is the wetland's <i>hydrologic control function intact</i> ?		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) <u>and</u> is the wetland's <i>water quality function intact, or impacted or degraded</i> ?		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 <u>and</u> is the wetland's <i>fish habitat function intact, or impacted or degraded</i> ?			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 <u>and</u> provides <i>diverse wildlife habitat or habitat for some species</i> <u>or</u> has a <i>intact, or impacted or degraded fish habitat function</i> <u>or</u> has a <i>intact, or impacted or degraded water quality function</i> <u>or</u> has a <i>intact, or impacted or degraded hydrologic control function</i> .			
2 Is the wetland publicly owned and used by a school or organization <u>and</u> does the wetland provide <i>educational uses</i> ?			No
Optional Locally Significant Wetland criteria satisfied ?			No

Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)



Project Name:	City of Eugene LWI	Wetland:	BD-5
Project Location:	Lane County, Oregon	Approx. Area (acres):	26.93
Date:	7/23/2003	Wetland Types(s):	PEMf

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 <i>diverse wildlife habitat</i> ?			
2 Is the wetland's <i>fish habitat function intact</i> ?			No
3 Is the wetland's <i>water quality function intact</i> ?			No
4 Is the wetland's <i>hydrologic control function intact</i> ?			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) <u>and</u> is the wetland's <i>water quality function intact, or impacted or degraded</i> ?	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 <u>and</u> is the wetland's <i>fish habitat function intact, or impacted or degraded</i> ?			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 <u>and</u> provides <i>diverse wildlife habitat or habitat for some species</i> <u>or</u> has a <i>intact, or impacted or degraded fish habitat function</i> <u>or</u> has a <i>intact, or impacted or degraded water quality function</i> <u>or</u> has a <i>intact, or impacted or degraded hydrologic control function</i> .			
2 Is the wetland publicly owned and used by a school or organization <u>and</u> does the wetland provide <i>educational uses</i> ?			No
Optional Locally Significant Wetland criteria satisfied ?			No

Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)



Project Name:	City of Eugene LWI	Wetland:	BD-6
Project Location:	Lane County, Oregon	Approx. Area (acres):	13.87
Date:	N/A	Wetland Type(s):	PEMf

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 <i>diverse wildlife habitat</i> ?			
2 Is the wetland's <i>fish habitat function intact</i> ?			No
3 Is the wetland's <i>water quality function intact</i> ?			No
4 Is the wetland's <i>hydrologic control function intact</i> ?			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) <u>and</u> is the wetland's <i>water quality function intact, or impacted or degraded</i> ?		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 <u>and</u> is the wetland's <i>fish habitat function intact, or impacted or degraded</i> ?			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 <u>and</u> provides <i>diverse wildlife habitat or habitat for some species</i> <u>or</u> has a <i>intact, or impacted or degraded fish habitat function</i> <u>or</u> has a <i>intact, or impacted or degraded water quality function</i> <u>or</u> has a <i>intact, or impacted or degraded hydrologic control function</i> .			
2 Is the wetland publicly owned and used by a school or organization <u>and</u> does the wetland provide <i>educational uses</i> ?			No
Optional Locally Significant Wetland criteria satisfied ?			No

Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)



Project Name:	City of Eugene LWI	Wetland:	BD-7
Project Location:	Lane County, Oregon	Approx. Area (acres):	25.72
Date:	7/23/2003	Wetland Types(s):	PEMf, 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 <i>diverse wildlife habitat</i> ?		No
2 Is the wetland's <i>fish habitat function intact</i> ?		No
3 Is the wetland's <i>water quality function intact</i> ?		No
4 Is the wetland's <i>hydrologic control function intact</i> ?	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) <u>and</u> is the wetland's <i>water quality function intact, or impacted or degraded</i> ?	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 <u>and</u> is the wetland's <i>fish habitat function intact, or impacted or degraded</i> ?		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 <u>and</u> provides <i>diverse wildlife habitat or habitat for some species</i> <u>or</u> has a <i>intact, or impacted or degraded fish habitat function</i> <u>or</u> has a <i>intact, or impacted or degraded water quality function</i> <u>or</u> has a <i>intact, or impacted or degraded hydrologic control function</i> .		No
2 Is the wetland publicly owned and used by a school or organization <u>and</u> does the wetland provide <i>educational uses</i> ?		No
Optional Locally Significant Wetland criteria satisfied ?		No

Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)



Project Name:	City of Eugene LWI	Wetland:	BD-8
Project Location:	Lane County, Oregon	Approx. Area (acres):	9.12
Date:	7/23/2003	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 <i>diverse wildlife habitat</i> ?		No
2 Is the wetland's <i>fish habitat function intact</i> ?		No
3 Is the wetland's <i>water quality function intact</i> ?	Yes	
4 Is the wetland's <i>hydrologic control function intact</i> ?	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) <u>and</u> is the wetland's <i>water quality function intact, or impacted or degraded</i> ?	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 <u>and</u> is the wetland's <i>fish habitat function intact, or impacted or degraded</i> ?		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 <u>and</u> provides <i>diverse wildlife habitat or habitat for some species</i> <u>or</u> has a <i>intact, or impacted or degraded fish habitat function</i> <u>or</u> has a <i>intact, or impacted or degraded water quality function</i> <u>or</u> has a <i>intact, or impacted or degraded hydrologic control function</i> .		No
2 Is the wetland publicly owned and used by a school or organization <u>and</u> does the wetland provide <i>educational uses</i> ?		No
Optional Locally Significant Wetland criteria satisfied ?		No

Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)



Project Name:	City of Eugene LWI	Wetland:	BD-9
Project Location:	Lane County, Oregon	Approx. Area (acres):	65.37
Date:	7/16/2003	Wetland Types(s):	PEM, PEMf

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: <ul style="list-style-type: none"> a. created for the purpose of controlling, storing, or maintaining stormwater 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 	<table border="1" style="width: 100%; height: 50px;"> <tr><td style="width: 70%;"></td><td style="width: 30%; text-align: center;">No</td></tr> <tr><td></td><td style="text-align: center;">No</td></tr> <tr><td></td><td style="text-align: center;">No</td></tr> <tr><td></td><td style="text-align: center;">No</td></tr> <tr><td></td><td style="text-align: center;">No</td></tr> </table>		No		No		No		No		No
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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)	<table border="1" style="width: 100%; height: 20px;"> <tr><td style="width: 70%;"></td><td style="width: 30%; text-align: center;">No</td></tr> </table>		No								
	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 <i>diverse wildlife habitat</i> ?	<table border="1" style="width: 100%; height: 20px;"> <tr><td style="width: 70%;"></td><td style="width: 30%; text-align: center;">No</td></tr> </table>		No
	No		
2 Is the wetland's <i>fish habitat function intact</i> ?	<table border="1" style="width: 100%; height: 20px;"> <tr><td style="width: 70%;"></td><td style="width: 30%; text-align: center;">No</td></tr> </table>		No
	No		
3 Is the wetland's <i>water quality function intact</i> ?	<table border="1" style="width: 100%; height: 20px;"> <tr><td style="width: 70%;"></td><td style="width: 30%; text-align: center;">No</td></tr> </table>		No
	No		
4 Is the wetland's <i>hydrologic control function intact</i> ?	<table border="1" style="width: 100%; height: 20px;"> <tr><td style="width: 70%; text-align: center;">Yes</td><td style="width: 30%;"></td></tr> </table>	Yes	
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) <u>and</u> is the wetland's <i>water quality function intact, or impacted or degraded</i> ?	<table border="1" style="width: 100%; height: 20px;"> <tr><td style="width: 70%; text-align: center;">Yes</td><td style="width: 30%;"></td></tr> </table>	Yes	
Yes			
6 Does the wetland contain a rare plant community?	<table border="1" style="width: 100%; height: 20px;"> <tr><td style="width: 70%;"></td><td style="width: 30%; text-align: center;">No</td></tr> </table>		No
	No		
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?	<table border="1" style="width: 100%; height: 20px;"> <tr><td style="width: 70%;"></td><td style="width: 30%; text-align: center;">No</td></tr> </table>		No
	No		
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids <u>and</u> is the wetland's <i>fish habitat function intact, or impacted or degraded</i> ?	<table border="1" style="width: 100%; height: 20px;"> <tr><td style="width: 70%;"></td><td style="width: 30%; text-align: center;">No</td></tr> </table>		No
	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 <u>and</u> provides <i>diverse wildlife habitat or habitat for some species</i> <u>or</u> has a <i>intact, or impacted or degraded fish habitat function</i> <u>or</u> has a <i>intact, or impacted or degraded water quality function</i> <u>or</u> has a <i>intact, or impacted or degraded hydrologic control function</i> .	<table border="1" style="width: 100%; height: 20px;"> <tr><td style="width: 70%;"></td><td style="width: 30%; text-align: center;">No</td></tr> </table>		No
	No		
2 Is the wetland publicly owned and used by a school or organization <u>and</u> does the wetland provide <i>educational uses</i> ?	<table border="1" style="width: 100%; height: 20px;"> <tr><td style="width: 70%;"></td><td style="width: 30%; text-align: center;">No</td></tr> </table>		No
	No		
Optional Locally Significant Wetland criteria satisfied ?	No		

Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)



Project Name:	City of Eugene LWI	Wetland:	BD-10
Project Location:	Lane County, Oregon	Approx. Area (acres):	7.36
Date:	7/23/2003	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: <ul style="list-style-type: none"> a. created for the purpose of controlling, storing, or maintaining stormwater 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 	<input type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/> 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)	<input type="checkbox"/> 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 <i>diverse wildlife habitat</i> ?	<input type="checkbox"/> No
2 Is the wetland's <i>fish habitat function intact</i> ?	<input type="checkbox"/> No
3 Is the wetland's <i>water quality function intact</i> ?	<input type="checkbox"/> No
4 Is the wetland's <i>hydrologic control function intact</i> ?	<input type="checkbox"/> 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) <u>and</u> is the wetland's <i>water quality function intact, or impacted or degraded</i> ?	<input type="checkbox"/> Yes <input type="checkbox"/> No
6 Does the wetland contain a rare plant community?	<input type="checkbox"/> No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?	<input type="checkbox"/> No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids <u>and</u> is the wetland's <i>fish habitat function intact, or impacted or degraded</i> ?	<input type="checkbox"/> 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 <u>and</u> provides <i>diverse wildlife habitat or habitat for some species</i> <u>or</u> has a <i>intact, or impacted or degraded fish habitat function</i> <u>or</u> has a <i>intact, or impacted or degraded water quality function</i> <u>or</u> has a <i>intact, or impacted or degraded hydrologic control function</i> .	<input type="checkbox"/> No
2 Is the wetland publicly owned and used by a school or organization <u>and</u> does the wetland provide <i>educational uses</i> ?	<input type="checkbox"/> No
Optional Locally Significant Wetland criteria satisfied ?	No

Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)



Project Name:	City of Eugene LWI	Wetland:	BD-11
Project Location:	Lane County, Oregon	Approx. Area (acres):	0.57
Date:	7/23/2003	Wetland Type(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:		No
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 <i>diverse wildlife habitat</i> ?		No
2 Is the wetland's <i>fish habitat function intact</i> ?		No
3 Is the wetland's <i>water quality function intact</i> ?	Yes	
4 Is the wetland's <i>hydrologic control function intact</i> ?		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) <u>and</u> is the wetland's <i>water quality function intact, or impacted or degraded</i> ?		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 <u>and</u> is the wetland's <i>fish habitat function intact, or impacted or degraded</i> ?		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 <u>and</u> provides <i>diverse wildlife habitat or habitat for some species</i> <u>or</u> has a <i>intact, or impacted or degraded fish habitat function</i> <u>or</u> has a <i>intact, or impacted or degraded water quality function</i> <u>or</u> has a <i>intact, or impacted or degraded hydrologic control function</i> .		No
2 Is the wetland publicly owned and used by a school or organization <u>and</u> does the wetland provide <i>educational uses</i> ?		No
Optional Locally Significant Wetland criteria satisfied ?		No

Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)



Project Name:	City of Eugene LWI	Wetland:	BD-12
Project Location:	Lane County, Oregon	Approx. Area (acres):	4.47
Date:	7/31/2003	Wetland Types(s):	PAB, 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 <i>diverse wildlife habitat</i> ?			
2 Is the wetland's <i>fish habitat function intact</i> ?			No
3 Is the wetland's <i>water quality function intact</i> ?			No
4 Is the wetland's <i>hydrologic control function intact</i> ?			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) <u>and</u> is the wetland's <i>water quality function intact, or impacted or degraded</i> ?			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 <u>and</u> is the wetland's <i>fish habitat function intact, or impacted or degraded</i> ?			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 <u>and</u> provides <i>diverse wildlife habitat</i> <u>or</u> <i>habitat for some species</i> <u>or</u> has a <i>intact, or impacted or degraded fish habitat function</i> <u>or</u> has a <i>intact, or impacted or degraded water quality function</i> <u>or</u> has a <i>intact, or impacted or degraded hydrologic control function</i> .			
2 Is the wetland publicly owned and used by a school or organization <u>and</u> does the wetland provide <i>educational uses</i> ?			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:	City of Eugene LWI	Wetland:	BD-13
Project Location:	Lane County, Oregon	Approx. Area (acres):	2.66
Date:	8/8/2003	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 <i>diverse wildlife habitat</i> ?		No
2 Is the wetland's <i>fish habitat function intact</i> ?		No
3 Is the wetland's <i>water quality function intact</i> ?	Yes	
4 Is the wetland's <i>hydrologic control function intact</i> ?	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) <u>and</u> is the wetland's <i>water quality function intact, or impacted or degraded</i> ?		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 <u>and</u> is the wetland's <i>fish habitat function intact, or impacted or degraded</i> ?		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 <u>and</u> provides <i>diverse wildlife habitat or habitat for some species</i> <u>or</u> has a <i>intact, or impacted or degraded fish habitat function</i> <u>or</u> has a <i>intact, or impacted or degraded water quality function</i> <u>or</u> has a <i>intact, or impacted or degraded hydrologic control function</i> .		No
2 Is the wetland publicly owned and used by a school or organization <u>and</u> does the wetland provide <i>educational uses</i> ?		No
Optional Locally Significant Wetland criteria satisfied ?		No

Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)



Project Name:	City of Eugene LWI	Wetland:	BD-14
Project Location:	Lane County, Oregon	Approx. Area (acres):	1.57
Date:	8/8/2003	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 <i>diverse wildlife habitat</i> ?			
2 Is the wetland's <i>fish habitat function intact</i> ?			No
3 Is the wetland's <i>water quality function intact</i> ?			No
4 Is the wetland's <i>hydrologic control function intact</i> ?			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) <u>and</u> is the wetland's <i>water quality function intact, or impacted or degraded</i> ?			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 <u>and</u> is the wetland's <i>fish habitat function intact, or impacted or degraded</i> ?			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 <u>and</u> provides <i>diverse wildlife habitat or habitat for some species</i> <u>or</u> has a <i>intact, or impacted or degraded fish habitat function</i> <u>or</u> has a <i>intact, or impacted or degraded water quality function</i> <u>or</u> has a <i>intact, or impacted or degraded hydrologic control function</i> .			
2 Is the wetland publicly owned and used by a school or organization <u>and</u> does the wetland provide <i>educational uses</i> ?			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:	City of Eugene LWI	Wetland:	BD-15
Project Location:	Lane County, Oregon	Approx. Area (acres):	0.63
Date:	8/8/2003	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:		No
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 <i>diverse wildlife habitat</i> ?		No
2 Is the wetland's <i>fish habitat function intact</i> ?		No
3 Is the wetland's <i>water quality function intact</i> ?		No
4 Is the wetland's <i>hydrologic control function intact</i> ?	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) <u>and</u> is the wetland's <i>water quality function intact, or impacted or degraded</i> ?		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 <u>and</u> is the wetland's <i>fish habitat function intact, or impacted or degraded</i> ?		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 <u>and</u> provides <i>diverse wildlife habitat or habitat for some species</i> <u>or</u> has a <i>intact, or impacted or degraded fish habitat function</i> <u>or</u> has a <i>intact, or impacted or degraded water quality function</i> <u>or</u> has a <i>intact, or impacted or degraded hydrologic control function</i> .		No
2 Is the wetland publicly owned and used by a school or organization <u>and</u> does the wetland provide <i>educational uses</i> ?		No
Optional Locally Significant Wetland criteria satisfied ?		No

Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)



Project Name:	City of Eugene LWI	Wetland:	BD-16
Project Location:	Lane County, Oregon	Approx. Area (acres):	1.97
Date:	8/8/2003	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:		No
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 <i>diverse wildlife habitat</i> ?		No
2 Is the wetland's <i>fish habitat function intact</i> ?		No
3 Is the wetland's <i>water quality function intact</i> ?		No
4 Is the wetland's <i>hydrologic control function intact</i> ?	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) <u>and</u> is the wetland's <i>water quality function intact, or impacted or degraded</i> ?		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 <u>and</u> is the wetland's <i>fish habitat function intact, or impacted or degraded</i> ?		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 <u>and</u> provides <i>diverse wildlife habitat or habitat for some species</i> <u>or</u> has a <i>intact, or impacted or degraded fish habitat function</i> <u>or</u> has a <i>intact, or impacted or degraded water quality function</i> <u>or</u> has a <i>intact, or impacted or degraded hydrologic control function</i> .		No
2 Is the wetland publicly owned and used by a school or organization <u>and</u> does the wetland provide <i>educational uses</i> ?		No
Optional Locally Significant Wetland criteria satisfied ?		No

Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)



Project Name:	City of Eugene LWI	Wetland:	BD-17
Project Location:	Lane County, Oregon	Approx. Area (acres):	1.01
Date:	8/8/2003	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: <ul style="list-style-type: none"> a. created for the purpose of controlling, storing, or maintaining stormwater 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 	<table border="1" style="width: 100%; height: 50px;"> <tr><td style="width: 80%;"></td><td style="width: 20%; text-align: center;">No</td></tr> <tr><td></td><td style="text-align: center;">No</td></tr> <tr><td></td><td style="text-align: center;">No</td></tr> <tr><td></td><td style="text-align: center;">No</td></tr> <tr><td></td><td style="text-align: center;">No</td></tr> </table>		No		No		No		No		No
	No										
	No										
	No										
	No										
	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)	<table border="1" style="width: 100%; height: 20px;"> <tr><td style="width: 80%;"></td><td style="width: 20%; text-align: center;">No</td></tr> </table>		No								
	No										
Exclusion criteria satisfied?	<table border="1" style="width: 100%; height: 20px;"> <tr><td style="width: 80%;"></td><td style="width: 20%; text-align: center;">No</td></tr> </table>		No								
	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 <i>diverse wildlife habitat</i> ?	<table border="1" style="width: 100%; height: 20px;"> <tr><td style="width: 80%;"></td><td style="width: 20%; text-align: center;">No</td></tr> </table>		No
	No		
2 Is the wetland's <i>fish habitat function intact</i> ?	<table border="1" style="width: 100%; height: 20px;"> <tr><td style="width: 80%;"></td><td style="width: 20%; text-align: center;">No</td></tr> </table>		No
	No		
3 Is the wetland's <i>water quality function intact</i> ?	<table border="1" style="width: 100%; height: 20px;"> <tr><td style="width: 80%;"></td><td style="width: 20%; text-align: center;">No</td></tr> </table>		No
	No		
4 Is the wetland's <i>hydrologic control function intact</i> ?	<table border="1" style="width: 100%; height: 20px;"> <tr><td style="width: 80%;">Yes</td><td style="width: 20%;"></td></tr> </table>	Yes	
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) <u>and</u> is the wetland's <i>water quality function intact, or impacted or degraded</i> ?	<table border="1" style="width: 100%; height: 20px;"> <tr><td style="width: 80%;"></td><td style="width: 20%; text-align: center;">No</td></tr> </table>		No
	No		
6 Does the wetland contain a rare plant community?	<table border="1" style="width: 100%; height: 20px;"> <tr><td style="width: 80%;"></td><td style="width: 20%; text-align: center;">No</td></tr> </table>		No
	No		
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?	<table border="1" style="width: 100%; height: 20px;"> <tr><td style="width: 80%;"></td><td style="width: 20%; text-align: center;">No</td></tr> </table>		No
	No		
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids <u>and</u> is the wetland's <i>fish habitat function intact, or impacted or degraded</i> ?	<table border="1" style="width: 100%; height: 20px;"> <tr><td style="width: 80%;"></td><td style="width: 20%; text-align: center;">No</td></tr> </table>		No
	No		
Mandatory Locally Significant Wetland criteria satisfied ?	<table border="1" style="width: 100%; height: 20px;"> <tr><td style="width: 80%;">Yes</td><td style="width: 20%;"></td></tr> </table>	Yes	
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 <u>and</u> provides <i>diverse wildlife habitat or habitat for some species</i> <u>or</u> has a <i>intact, or impacted or degraded fish habitat function</i> <u>or</u> has a <i>intact, or impacted or degraded water quality function</i> <u>or</u> has a <i>intact, or impacted or degraded hydrologic control function</i> .	<table border="1" style="width: 100%; height: 20px;"> <tr><td style="width: 80%;"></td><td style="width: 20%; text-align: center;">No</td></tr> </table>		No
	No		
2 Is the wetland publicly owned and used by a school or organization <u>and</u> does the wetland provide <i>educational uses</i> ?	<table border="1" style="width: 100%; height: 20px;"> <tr><td style="width: 80%;"></td><td style="width: 20%; text-align: center;">No</td></tr> </table>		No
	No		
Optional Locally Significant Wetland criteria satisfied ?	<table border="1" style="width: 100%; height: 20px;"> <tr><td style="width: 80%;"></td><td style="width: 20%; text-align: center;">No</td></tr> </table>		No
	No		

Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)



Project Name:	City of Eugene LWI	Wetland:	BD-18
Project Location:	Lane County, Oregon	Approx. Area (acres):	1.03
Date:	8/8/2003	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 <i>diverse wildlife habitat</i> ?		No
2 Is the wetland's <i>fish habitat function intact</i> ?		No
3 Is the wetland's <i>water quality function intact</i> ?		No
4 Is the wetland's <i>hydrologic control function intact</i> ?		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) <u>and</u> is the wetland's <i>water quality function intact, or impacted or degraded</i> ?	*	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 <u>and</u> is the wetland's <i>fish habitat function intact, or impacted or degraded</i> ?		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 <u>and</u> provides <i>diverse wildlife habitat or habitat for some species</i> <u>or</u> has a <i>intact, or impacted or degraded fish habitat function</i> <u>or</u> has a <i>intact, or impacted or degraded water quality function</i> <u>or</u> has a <i>intact, or impacted or degraded hydrologic control function</i> .		No
2 Is the wetland publicly owned and used by a school or organization <u>and</u> does the wetland provide <i>educational uses</i> ?		No
Optional Locally Significant Wetland criteria satisfied ?		No

Does not satisfy the criteria, Not a Locally Significant Wetland

*Despite being within 1/4-mile of the A-3 Channel, BD-18 does not provide the functions to alleviate the identified Water Quality Limited parameters, in this case dissolved oxygen and water contact recreation.

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)



Project Name:	City of Eugene LWI	Wetland:	BD-19
Project Location:	Lane County, Oregon	Approx. Area (acres):	3.70
Date:	10/10/2003	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 <i>diverse wildlife habitat</i> ?		No
2 Is the wetland's <i>fish habitat function intact</i> ?		No
3 Is the wetland's <i>water quality function intact</i> ?		No
4 Is the wetland's <i>hydrologic control function intact</i> ?		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) <u>and</u> is the wetland's <i>water quality function intact, or impacted or degraded</i> ?		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 <u>and</u> is the wetland's <i>fish habitat function intact, or impacted or degraded</i> ?		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 <u>and</u> provides <i>diverse wildlife habitat or habitat for some species</i> <u>or</u> has a <i>intact, or impacted or degraded fish habitat function</i> <u>or</u> has a <i>intact, or impacted or degraded water quality function</i> <u>or</u> has a <i>intact, or impacted or degraded hydrologic control function</i> .		No
2 Is the wetland publicly owned and used by a school or organization <u>and</u> does the wetland provide <i>educational uses</i> ?		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:	City of Eugene LWI	Wetland:	BD-20
Project Location:	Lane County, Oregon	Approx. Area (acres):	1.84
Date:	7/31/2003	Wetland Types(s):	PAB, 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 <i>diverse wildlife habitat</i> ?			
2 Is the wetland's <i>fish habitat function intact</i> ?			No
3 Is the wetland's <i>water quality function intact</i> ?			No
4 Is the wetland's <i>hydrologic control function intact</i> ?		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) <u>and</u> is the wetland's <i>water quality function intact, or impacted or degraded</i> ?			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 <u>and</u> is the wetland's <i>fish habitat function intact, or impacted or degraded</i> ?			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 <u>and</u> provides <i>diverse wildlife habitat or habitat for some species</i> <u>or</u> has a <i>intact, or impacted or degraded fish habitat function</i> <u>or</u> has a <i>intact, or impacted or degraded water quality function</i> <u>or</u> has a <i>intact, or impacted or degraded hydrologic control function</i> .			
2 Is the wetland publicly owned and used by a school or organization <u>and</u> does the wetland provide <i>educational uses</i> ?			No
Optional Locally Significant Wetland criteria satisfied ?			No

Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)



Project Name:	City of Eugene LWI	Wetland:	BD-21
Project Location:	Lane County, Oregon	Approx. Area (acres):	0.73
Date:	8/15/2003	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 <i>diverse wildlife habitat</i> ?		No
2 Is the wetland's <i>fish habitat function intact</i> ?		No
3 Is the wetland's <i>water quality function intact</i> ?		No
4 Is the wetland's <i>hydrologic control function intact</i> ?	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) <u>and</u> is the wetland's <i>water quality function intact, or impacted or degraded</i> ?		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 <u>and</u> is the wetland's <i>fish habitat function intact, or impacted or degraded</i> ?		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 <u>and</u> provides <i>diverse wildlife habitat or habitat for some species</i> <u>or</u> has a <i>intact, or impacted or degraded fish habitat function</i> <u>or</u> has a <i>intact, or impacted or degraded water quality function</i> <u>or</u> has a <i>intact, or impacted or degraded hydrologic control function</i> .		No
2 Is the wetland publicly owned and used by a school or organization <u>and</u> does the wetland provide <i>educational uses</i> ?		No
Optional Locally Significant Wetland criteria satisfied ?		No

Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)



Project Name:	City of Eugene LWI	Wetland:	BD-22
Project Location:	Lane County, Oregon	Approx. Area (acres):	5.44
Date:	8/8/2003	Wetland Types(s):	PFO, PAB

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 <i>diverse wildlife habitat</i> ?			
2 Is the wetland's <i>fish habitat function intact</i> ?			No
3 Is the wetland's <i>water quality function intact</i> ?			No
4 Is the wetland's <i>hydrologic control function intact</i> ?		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) <u>and</u> is the wetland's <i>water quality function intact, or impacted or degraded</i> ?			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 <u>and</u> is the wetland's <i>fish habitat function intact, or impacted or degraded</i> ?			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 <u>and</u> provides <i>diverse wildlife habitat or habitat for some species</i> <u>or</u> has a <i>intact, or impacted or degraded fish habitat function</i> <u>or</u> has a <i>intact, or impacted or degraded water quality function</i> <u>or</u> has a <i>intact, or impacted or degraded hydrologic control function</i> .			
2 Is the wetland publicly owned and used by a school or organization <u>and</u> does the wetland provide <i>educational uses</i> ?			No
Optional Locally Significant Wetland criteria satisfied ?			No

Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)



Project Name:	City of Eugene LWI	Wetland:	BD-23
Project Location:	Lane County, Oregon	Approx. Area (acres):	1.23
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 <i>diverse wildlife habitat</i> ?		No
2 Is the wetland's <i>fish habitat function intact</i> ?		No
3 Is the wetland's <i>water quality function intact</i> ?		No
4 Is the wetland's <i>hydrologic control function intact</i> ?		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) <u>and</u> is the wetland's <i>water quality function intact, or impacted or degraded</i> ?		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 <u>and</u> is the wetland's <i>fish habitat function intact, or impacted or degraded</i> ?		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 <u>and</u> provides <i>diverse wildlife habitat or habitat for some species</i> <u>or</u> has a <i>intact, or impacted or degraded fish habitat function</i> <u>or</u> has a <i>intact, or impacted or degraded water quality function</i> <u>or</u> has a <i>intact, or impacted or degraded hydrologic control function</i> .		No
2 Is the wetland publicly owned and used by a school or organization <u>and</u> does the wetland provide <i>educational uses</i> ?		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:	City of Eugene LWI	Wetland:	LAU-1
Project Location:	Lane County, Oregon	Approx. Area (acres):	0.62
Date:	10/8/2003	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 <i>diverse wildlife habitat</i> ?		No
2 Is the wetland's <i>fish habitat function intact</i> ?		No
3 Is the wetland's <i>water quality function intact</i> ?		No
4 Is the wetland's <i>hydrologic control function intact</i> ?		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) <u>and</u> is the wetland's <i>water quality function intact, or impacted or degraded</i> ?		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 <u>and</u> is the wetland's <i>fish habitat function intact, or impacted or degraded</i> ?		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 <u>and</u> provides <i>diverse wildlife habitat or habitat for some species</i> <u>or</u> has a <i>intact, or impacted or degraded fish habitat function</i> <u>or</u> has a <i>intact, or impacted or degraded water quality function</i> <u>or</u> has a <i>intact, or impacted or degraded hydrologic control function</i> .		No
2 Is the wetland publicly owned and used by a school or organization <u>and</u> does the wetland provide <i>educational uses</i> ?		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:	City of Eugene LWI	Wetland:	RSC-1
Project Location:	Lane County, Oregon	Approx. Area (acres):	111.42
Date:	9/26/2003	Wetland Types(s):	PEMf

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 <i>diverse wildlife habitat</i> ?			
2 Is the wetland's <i>fish habitat function intact</i> ?			No
3 Is the wetland's <i>water quality function intact</i> ?			No
4 Is the wetland's <i>hydrologic control function intact</i> ?	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) <u>and</u> is the wetland's <i>water quality function intact, or impacted or degraded</i> ?			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 <u>and</u> is the wetland's <i>fish habitat function intact, or impacted or degraded</i> ?			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 <u>and</u> provides <i>diverse wildlife habitat or habitat for some species</i> <u>or</u> has a <i>intact, or impacted or degraded fish habitat function</i> <u>or</u> has a <i>intact, or impacted or degraded water quality function</i> <u>or</u> has a <i>intact, or impacted or degraded hydrologic control function</i> .			
2 Is the wetland publicly owned and used by a school or organization <u>and</u> does the wetland provide <i>educational uses</i> ?			No
Optional Locally Significant Wetland criteria satisfied ?			No

Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)



Project Name:	City of Eugene LWI	Wetland:	RSC-2
Project Location:	Lane County, Oregon	Approx. Area (acres):	11.37
Date:	9/26/2003	Wetland Type(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 <i>diverse wildlife habitat</i> ?			
2 Is the wetland's <i>fish habitat function intact</i> ?			No
3 Is the wetland's <i>water quality function intact</i> ?			No
4 Is the wetland's <i>hydrologic control function intact</i> ?		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) <u>and</u> is the wetland's <i>water quality function intact, or impacted or degraded</i> ?			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 <u>and</u> is the wetland's <i>fish habitat function intact, or impacted or degraded</i> ?			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 <u>and</u> provides <i>diverse wildlife habitat or habitat for some species</i> <u>or</u> has a <i>intact, or impacted or degraded fish habitat function</i> <u>or</u> has a <i>intact, or impacted or degraded water quality function</i> <u>or</u> has a <i>intact, or impacted or degraded hydrologic control function</i> .			
2 Is the wetland publicly owned and used by a school or organization <u>and</u> does the wetland provide <i>educational uses</i> ?			No
Optional Locally Significant Wetland criteria satisfied ?			No

Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)



Project Name:	City of Eugene LWI	Wetland:	RSC-3
Project Location:	Lane County, Oregon	Approx. Area (acres):	1.08
Date:	8/15/2003	Wetland Types(s):	PEMf

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 <i>diverse wildlife habitat</i> ?		No
2 Is the wetland's <i>fish habitat function intact</i> ?		No
3 Is the wetland's <i>water quality function intact</i> ?		No
4 Is the wetland's <i>hydrologic control function intact</i> ?		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) <u>and</u> is the wetland's <i>water quality function intact, or impacted or degraded</i> ?		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 <u>and</u> is the wetland's <i>fish habitat function intact, or impacted or degraded</i> ?		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 <u>and</u> provides <i>diverse wildlife habitat or habitat for some species</i> <u>or</u> has a <i>intact, or impacted or degraded fish habitat function</i> <u>or</u> has a <i>intact, or impacted or degraded water quality function</i> <u>or</u> has a <i>intact, or impacted or degraded hydrologic control function</i> .		No
2 Is the wetland publicly owned and used by a school or organization <u>and</u> does the wetland provide <i>educational uses</i> ?		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:	City of Eugene LWI	Wetland:	RSC-4
Project Location:	Lane County, Oregon	Approx. Area (acres):	5.28
Date:	7/16/2003 & 1/26/04	Wetland Types(s):	PEMf

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 <i>diverse wildlife habitat</i> ?		No
2 Is the wetland's <i>fish habitat function intact</i> ?		No
3 Is the wetland's <i>water quality function intact</i> ?		No
4 Is the wetland's <i>hydrologic control function intact</i> ?		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) <u>and</u> is the wetland's <i>water quality function intact, or impacted or degraded</i> ?		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 <u>and</u> is the wetland's <i>fish habitat function intact, or impacted or degraded</i> ?		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 <u>and</u> provides <i>diverse wildlife habitat or habitat for some species</i> <u>or</u> has a <i>intact, or impacted or degraded fish habitat function</i> <u>or</u> has a <i>intact, or impacted or degraded water quality function</i> <u>or</u> has a <i>intact, or impacted or degraded hydrologic control function</i> .		No
2 Is the wetland publicly owned and used by a school or organization <u>and</u> does the wetland provide <i>educational uses</i> ?		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:	City of Eugene LWI	Wetland:	RSC-5
Project Location:	Lane County, Oregon	Approx. Area (acres):	10.44
Date:	7/10/2003	Wetland Type(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: <ul style="list-style-type: none"> a. created for the purpose of controlling, storing, or maintaining stormwater 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 	<input type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/> 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)	<input type="checkbox"/> 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 <i>diverse wildlife habitat</i> ?	<input type="checkbox"/> No
2 Is the wetland's <i>fish habitat function intact</i> ?	<input type="checkbox"/> No
3 Is the wetland's <i>water quality function intact</i> ?	<input checked="" type="checkbox"/> Yes
4 Is the wetland's <i>hydrologic control function intact</i> ?	<input checked="" type="checkbox"/> 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) <u>and</u> is the wetland's <i>water quality function intact, or impacted or degraded</i> ?	<input type="checkbox"/> No
6 Does the wetland contain a rare plant community?	<input type="checkbox"/> No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?	<input type="checkbox"/> No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids <u>and</u> is the wetland's <i>fish habitat function intact, or impacted or degraded</i> ?	<input type="checkbox"/> 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 <u>and</u> provides <i>diverse wildlife habitat or habitat for some species</i> <u>or</u> has a <i>intact, or impacted or degraded fish habitat function</i> <u>or</u> has a <i>intact, or impacted or degraded water quality function</i> <u>or</u> has a <i>intact, or impacted or degraded hydrologic control function</i> .	<input type="checkbox"/> No
2 Is the wetland publicly owned and used by a school or organization <u>and</u> does the wetland provide <i>educational uses</i> ?	<input type="checkbox"/> No
Optional Locally Significant Wetland criteria satisfied ?	No

Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)



Project Name:	City of Eugene LWI	Wetland:	RSC-6
Project Location:	Lane County, Oregon	Approx. Area (acres):	2.57
Date:	6/17/2003	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: <ul style="list-style-type: none"> a. created for the purpose of controlling, storing, or maintaining stormwater 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 	<table border="1" style="width: 100%; height: 50px;"> <tr><td style="width: 80%;"></td><td style="width: 20%; text-align: center;">No</td></tr> <tr><td></td><td style="text-align: center;">No</td></tr> <tr><td></td><td style="text-align: center;">No</td></tr> <tr><td></td><td style="text-align: center;">No</td></tr> <tr><td></td><td style="text-align: center;">No</td></tr> </table>		No		No		No		No		No
	No										
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	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)	<table border="1" style="width: 100%; height: 20px;"> <tr><td style="width: 80%;"></td><td style="width: 20%; text-align: center;">No</td></tr> </table>		No								
	No										
Exclusion criteria satisfied?	<table border="1" style="width: 100%; height: 20px;"> <tr><td style="width: 80%;"></td><td style="width: 20%; text-align: center;">No</td></tr> </table>		No								
	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 <i>diverse wildlife habitat</i> ?	<table border="1" style="width: 100%; height: 20px;"> <tr><td style="width: 80%;"></td><td style="width: 20%; text-align: center;">No</td></tr> </table>		No
	No		
2 Is the wetland's <i>fish habitat function intact</i> ?	<table border="1" style="width: 100%; height: 20px;"> <tr><td style="width: 80%;"></td><td style="width: 20%; text-align: center;">No</td></tr> </table>		No
	No		
3 Is the wetland's <i>water quality function intact</i> ?	<table border="1" style="width: 100%; height: 20px;"> <tr><td style="width: 80%; text-align: center;">Yes</td><td style="width: 20%;"></td></tr> </table>	Yes	
Yes			
4 Is the wetland's <i>hydrologic control function intact</i> ?	<table border="1" style="width: 100%; height: 20px;"> <tr><td style="width: 80%;"></td><td style="width: 20%; text-align: center;">No</td></tr> </table>		No
	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) <u>and</u> is the wetland's <i>water quality function intact, or impacted or degraded</i> ?	<table border="1" style="width: 100%; height: 20px;"> <tr><td style="width: 80%;"></td><td style="width: 20%; text-align: center;">No</td></tr> </table>		No
	No		
6 Does the wetland contain a rare plant community?	<table border="1" style="width: 100%; height: 20px;"> <tr><td style="width: 80%;"></td><td style="width: 20%; text-align: center;">No</td></tr> </table>		No
	No		
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?	<table border="1" style="width: 100%; height: 20px;"> <tr><td style="width: 80%;"></td><td style="width: 20%; text-align: center;">No</td></tr> </table>		No
	No		
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids <u>and</u> is the wetland's <i>fish habitat function intact, or impacted or degraded</i> ?	<table border="1" style="width: 100%; height: 20px;"> <tr><td style="width: 80%;"></td><td style="width: 20%; text-align: center;">No</td></tr> </table>		No
	No		
Mandatory Locally Significant Wetland criteria satisfied ?	<table border="1" style="width: 100%; height: 20px;"> <tr><td style="width: 80%; text-align: center;">Yes</td><td style="width: 20%;"></td></tr> </table>	Yes	
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 <u>and</u> provides <i>diverse wildlife habitat or habitat for some species</i> <u>or</u> has a <i>intact, or impacted or degraded fish habitat function</i> <u>or</u> has a <i>intact, or impacted or degraded water quality function</i> <u>or</u> has a <i>intact, or impacted or degraded hydrologic control function</i> .	<table border="1" style="width: 100%; height: 20px;"> <tr><td style="width: 80%;"></td><td style="width: 20%; text-align: center;">No</td></tr> </table>		No
	No		
2 Is the wetland publicly owned and used by a school or organization <u>and</u> does the wetland provide <i>educational uses</i> ?	<table border="1" style="width: 100%; height: 20px;"> <tr><td style="width: 80%;"></td><td style="width: 20%; text-align: center;">No</td></tr> </table>		No
	No		
Optional Locally Significant Wetland criteria satisfied ?	<table border="1" style="width: 100%; height: 20px;"> <tr><td style="width: 80%;"></td><td style="width: 20%; text-align: center;">No</td></tr> </table>		No
	No		

Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)



Project Name:	City of Eugene LWI	Wetland:	RSC-7
Project Location:	Lane County, Oregon	Approx. Area (acres):	1.90
Date:	6/25/2003	Wetland Type(s):	PSS, 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 <i>diverse wildlife habitat</i> ?		No
2 Is the wetland's <i>fish habitat function intact</i> ?		No
3 Is the wetland's <i>water quality function intact</i> ?		No
4 Is the wetland's <i>hydrologic control function intact</i> ?		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) <u>and</u> is the wetland's <i>water quality function intact, or impacted or degraded</i> ?		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 <u>and</u> is the wetland's <i>fish habitat function intact, or impacted or degraded</i> ?		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 <u>and</u> provides <i>diverse wildlife habitat or habitat for some species</i> <u>or</u> has a <i>intact, or impacted or degraded fish habitat function</i> <u>or</u> has a <i>intact, or impacted or degraded water quality function</i> <u>or</u> has a <i>intact, or impacted or degraded hydrologic control function</i> .		No
2 Is the wetland publicly owned and used by a school or organization <u>and</u> does the wetland provide <i>educational uses</i> ?		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:	City of Eugene LWI	Wetland:	RSC-8
Project Location:	Lane County, Oregon	Approx. Area (acres):	0.90
Date:	6/25/2003	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:		No
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 <i>diverse wildlife habitat</i> ?		No
2 Is the wetland's <i>fish habitat function intact</i> ?		No
3 Is the wetland's <i>water quality function intact</i> ?	Yes	
4 Is the wetland's <i>hydrologic control function intact</i> ?		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) <u>and</u> is the wetland's <i>water quality function intact, or impacted or degraded</i> ?		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 <u>and</u> is the wetland's <i>fish habitat function intact, or impacted or degraded</i> ?		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 <u>and</u> provides <i>diverse wildlife habitat or habitat for some species</i> <u>or</u> has a <i>intact, or impacted or degraded fish habitat function</i> <u>or</u> has a <i>intact, or impacted or degraded water quality function</i> <u>or</u> has a <i>intact, or impacted or degraded hydrologic control function</i> .		No
2 Is the wetland publicly owned and used by a school or organization <u>and</u> does the wetland provide <i>educational uses</i> ?		No
Optional Locally Significant Wetland criteria satisfied ?		No

Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)



Project Name:	City of Eugene LWI	Wetland:	RSC-9
Project Location:	Lane County, Oregon	Approx. Area (acres):	0.57
Date:	6/25/2003	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:		No
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 <i>diverse wildlife habitat</i> ?		No
2 Is the wetland's <i>fish habitat function intact</i> ?		No
3 Is the wetland's <i>water quality function intact</i> ?	Yes	
4 Is the wetland's <i>hydrologic control function intact</i> ?		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) <u>and</u> is the wetland's <i>water quality function intact, or impacted or degraded</i> ?		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 <u>and</u> is the wetland's <i>fish habitat function intact, or impacted or degraded</i> ?		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 <u>and</u> provides <i>diverse wildlife habitat or habitat for some species</i> <u>or</u> has a <i>intact, or impacted or degraded fish habitat function</i> <u>or</u> has a <i>intact, or impacted or degraded water quality function</i> <u>or</u> has a <i>intact, or impacted or degraded hydrologic control function</i> .		No
2 Is the wetland publicly owned and used by a school or organization <u>and</u> does the wetland provide <i>educational uses</i> ?		No
Optional Locally Significant Wetland criteria satisfied ?		No

Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)



Project Name:	City of Eugene LWI	Wetland:	RSC-10
Project Location:	Lane County, Oregon	Approx. Area (acres):	5.39
Date:	10/10/2003	Wetland Types(s):	PEMf

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 <i>diverse wildlife habitat</i> ?			
2 Is the wetland's <i>fish habitat function intact</i> ?			No
3 Is the wetland's <i>water quality function intact</i> ?			No
4 Is the wetland's <i>hydrologic control function intact</i> ?		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) <u>and</u> is the wetland's <i>water quality function intact, or impacted or degraded</i> ?			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 <u>and</u> is the wetland's <i>fish habitat function intact, or impacted or degraded</i> ?			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 <u>and</u> provides <i>diverse wildlife habitat or habitat for some species</i> <u>or</u> has a <i>intact, or impacted or degraded fish habitat function</i> <u>or</u> has a <i>intact, or impacted or degraded water quality function</i> <u>or</u> has a <i>intact, or impacted or degraded hydrologic control function</i> .			
			No
2 Is the wetland publicly owned and used by a school or organization <u>and</u> does the wetland provide <i>educational uses</i> ?			No
Optional Locally Significant Wetland criteria satisfied ?			No

Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)



Project Name:	City of Eugene LWI	Wetland:	RSC-11
Project Location:	Lane County, Oregon	Approx. Area (acres):	4.81
Date:	10/10/2003	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 <i>diverse wildlife habitat</i> ?		No
2 Is the wetland's <i>fish habitat function intact</i> ?		No
3 Is the wetland's <i>water quality function intact</i> ?		No
4 Is the wetland's <i>hydrologic control function intact</i> ?		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) <u>and</u> is the wetland's <i>water quality function intact, or impacted or degraded</i> ?		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 <u>and</u> is the wetland's <i>fish habitat function intact, or impacted or degraded</i> ?		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 <u>and</u> provides <i>diverse wildlife habitat or habitat for some species</i> <u>or</u> has a <i>intact, or impacted or degraded fish habitat function</i> <u>or</u> has a <i>intact, or impacted or degraded water quality function</i> <u>or</u> has a <i>intact, or impacted or degraded hydrologic control function</i> .		No
2 Is the wetland publicly owned and used by a school or organization <u>and</u> does the wetland provide <i>educational uses</i> ?		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:	City of Eugene LWI	Wetland:	RSC-12
Project Location:	Lane County, Oregon	Approx. Area (acres):	6.10
Date:	10/10/2003	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:		No
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 <i>diverse wildlife habitat</i> ?		No
2 Is the wetland's <i>fish habitat function intact</i> ?		No
3 Is the wetland's <i>water quality function intact</i> ?	Yes	
4 Is the wetland's <i>hydrologic control function intact</i> ?	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) <u>and</u> is the wetland's <i>water quality function intact, or impacted or degraded</i> ?		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 <u>and</u> is the wetland's <i>fish habitat function intact, or impacted or degraded</i> ?		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 <u>and</u> provides <i>diverse wildlife habitat or habitat for some species</i> <u>or</u> has a <i>intact, or impacted or degraded fish habitat function</i> <u>or</u> has a <i>intact, or impacted or degraded water quality function</i> <u>or</u> has a <i>intact, or impacted or degraded hydrologic control function</i> .		No
2 Is the wetland publicly owned and used by a school or organization <u>and</u> does the wetland provide <i>educational uses</i> ?		No
Optional Locally Significant Wetland criteria satisfied ?		No

Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)



Project Name:	City of Eugene LWI	Wetland:	RSC-13
Project Location:	Lane County, Oregon	Approx. Area (acres):	0.58
Date:	7/16/2003	Wetland Types(s):	PEMf

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:		No
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 <i>diverse wildlife habitat</i> ?		No
2 Is the wetland's <i>fish habitat function intact</i> ?		No
3 Is the wetland's <i>water quality function intact</i> ?		No
4 Is the wetland's <i>hydrologic control function intact</i> ?		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) <u>and</u> is the wetland's <i>water quality function intact, or impacted or degraded</i> ?		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 <u>and</u> is the wetland's <i>fish habitat function intact, or impacted or degraded</i> ?		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 <u>and</u> provides <i>diverse wildlife habitat or habitat for some species</i> <u>or</u> has a <i>intact, or impacted or degraded fish habitat function</i> <u>or</u> has a <i>intact, or impacted or degraded water quality function</i> <u>or</u> has a <i>intact, or impacted or degraded hydrologic control function</i> .		No
2 Is the wetland publicly owned and used by a school or organization <u>and</u> does the wetland provide <i>educational uses</i> ?		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:	City of Eugene LWI	Wetland:	RSC-14
Project Location:	Lane County, Oregon	Approx. Area (acres):	0.83
Date:	7/16/2003	Wetland Types(s):	PEM, PEMf

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 <i>diverse wildlife habitat</i> ?		No
2 Is the wetland's <i>fish habitat function intact</i> ?		No
3 Is the wetland's <i>water quality function intact</i> ?		No
4 Is the wetland's <i>hydrologic control function intact</i> ?		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) <u>and</u> is the wetland's <i>water quality function intact, or impacted or degraded</i> ?		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 <u>and</u> is the wetland's <i>fish habitat function intact, or impacted or degraded</i> ?		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 <u>and</u> provides <i>diverse wildlife habitat or habitat for some species</i> <u>or</u> has a <i>intact, or impacted or degraded fish habitat function</i> <u>or</u> has a <i>intact, or impacted or degraded water quality function</i> <u>or</u> has a <i>intact, or impacted or degraded hydrologic control function</i> .		No
2 Is the wetland publicly owned and used by a school or organization <u>and</u> does the wetland provide <i>educational uses</i> ?		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:	City of Eugene LWI	Wetland:	RSC-15
Project Location:	Lane County, Oregon	Approx. Area (acres):	1.04
Date:	7/16/2003	Wetland Types(s):	PEMF, 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:		No
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 <i>diverse wildlife habitat</i> ?		No
2 Is the wetland's <i>fish habitat function intact</i> ?		No
3 Is the wetland's <i>water quality function intact</i> ?	Yes	
4 Is the wetland's <i>hydrologic control function intact</i> ?		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) <u>and</u> is the wetland's <i>water quality function intact, or impacted or degraded</i> ?		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 <u>and</u> is the wetland's <i>fish habitat function intact, or impacted or degraded</i> ?		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 <u>and</u> provides <i>diverse wildlife habitat or habitat for some species</i> <u>or</u> has a <i>intact, or impacted or degraded fish habitat function</i> <u>or</u> has a <i>intact, or impacted or degraded water quality function</i> <u>or</u> has a <i>intact, or impacted or degraded hydrologic control function</i> .		No
2 Is the wetland publicly owned and used by a school or organization <u>and</u> does the wetland provide <i>educational uses</i> ?		No
Optional Locally Significant Wetland criteria satisfied ?		No

Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)



Project Name:	City of Eugene LWI	Wetland:	RSC-16
Project Location:	Lane County, Oregon	Approx. Area (acres):	0.84
Date:	7/10/2003	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:		No
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 <i>diverse wildlife habitat</i> ?		No
2 Is the wetland's <i>fish habitat function intact</i> ?		No
3 Is the wetland's <i>water quality function intact</i> ?	Yes	
4 Is the wetland's <i>hydrologic control function intact</i> ?		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) <u>and</u> is the wetland's <i>water quality function intact, or impacted or degraded</i> ?		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 <u>and</u> is the wetland's <i>fish habitat function intact, or impacted or degraded</i> ?		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 <u>and</u> provides <i>diverse wildlife habitat or habitat for some species</i> <u>or</u> has a <i>intact, or impacted or degraded fish habitat function</i> <u>or</u> has a <i>intact, or impacted or degraded water quality function</i> <u>or</u> has a <i>intact, or impacted or degraded hydrologic control function</i> .		No
2 Is the wetland publicly owned and used by a school or organization <u>and</u> does the wetland provide <i>educational uses</i> ?		No
Optional Locally Significant Wetland criteria satisfied ?		No

Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)



Project Name:	City of Eugene LWI	Wetland:	RSC-17
Project Location:	Lane County, Oregon	Approx. Area (acres):	15.32
Date:	6/17/2003	Wetland Types(s):	PEMf

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:		No
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 <i>diverse wildlife habitat</i> ?		No
2 Is the wetland's <i>fish habitat function intact</i> ?		No
3 Is the wetland's <i>water quality function intact</i> ?		No
4 Is the wetland's <i>hydrologic control function intact</i> ?	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) <u>and</u> is the wetland's <i>water quality function intact, or impacted or degraded</i> ?		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 <u>and</u> is the wetland's <i>fish habitat function intact, or impacted or degraded</i> ?		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 <u>and</u> provides <i>diverse wildlife habitat or habitat for some species</i> <u>or</u> has a <i>intact, or impacted or degraded fish habitat function</i> <u>or</u> has a <i>intact, or impacted or degraded water quality function</i> <u>or</u> has a <i>intact, or impacted or degraded hydrologic control function</i> .		No
2 Is the wetland publicly owned and used by a school or organization <u>and</u> does the wetland provide <i>educational uses</i> ?		No
Optional Locally Significant Wetland criteria satisfied ?		No

Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)



Project Name:	City of Eugene LWI	Wetland:	RSC-18
Project Location:	Lane County, Oregon	Approx. Area (acres):	2.78
Date:	7/10/2003	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:		No
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 <i>diverse wildlife habitat</i> ?		No
2 Is the wetland's <i>fish habitat function intact</i> ?		No
3 Is the wetland's <i>water quality function intact</i> ?	Yes	
4 Is the wetland's <i>hydrologic control function intact</i> ?		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) <u>and</u> is the wetland's <i>water quality function intact, or impacted or degraded</i> ?		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 <u>and</u> is the wetland's <i>fish habitat function intact, or impacted or degraded</i> ?		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 <u>and</u> provides <i>diverse wildlife habitat or habitat for some species</i> <u>or</u> has a <i>intact, or impacted or degraded fish habitat function</i> <u>or</u> has a <i>intact, or impacted or degraded water quality function</i> <u>or</u> has a <i>intact, or impacted or degraded hydrologic control function</i> .		No
2 Is the wetland publicly owned and used by a school or organization <u>and</u> does the wetland provide <i>educational uses</i> ?		No
Optional Locally Significant Wetland criteria satisfied ?		No

Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)



Project Name:	City of Eugene LWI	Wetland:	RSC-19
Project Location:	Lane County, Oregon	Approx. Area (acres):	5.96
Date:	10/17/2003	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:		No
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 <i>diverse wildlife habitat</i> ?		No
2 Is the wetland's <i>fish habitat function intact</i> ?		No
3 Is the wetland's <i>water quality function intact</i> ?		No
4 Is the wetland's <i>hydrologic control function intact</i> ?		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) <u>and</u> is the wetland's <i>water quality function intact, or impacted or degraded</i> ?		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 <u>and</u> is the wetland's <i>fish habitat function intact, or impacted or degraded</i> ?		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 <u>and</u> provides <i>diverse wildlife habitat or habitat for some species</i> <u>or</u> has a <i>intact, or impacted or degraded fish habitat function</i> <u>or</u> has a <i>intact, or impacted or degraded water quality function</i> <u>or</u> has a <i>intact, or impacted or degraded hydrologic control function</i> .		No
2 Is the wetland publicly owned and used by a school or organization <u>and</u> does the wetland provide <i>educational uses</i> ?		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:	City of Eugene LWI	Wetland:	RSC-20
Project Location:	Lane County, Oregon	Approx. Area (acres):	1.86
Date:	8/8/2003	Wetland Types(s):	PAB

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 <i>diverse wildlife habitat</i> ?			No
2 Is the wetland's <i>fish habitat function intact</i> ?			No
3 Is the wetland's <i>water quality function intact</i> ?			No
4 Is the wetland's <i>hydrologic control function intact</i> ?		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) <u>and</u> is the wetland's <i>water quality function intact, or impacted or degraded</i> ?			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 <u>and</u> is the wetland's <i>fish habitat function intact, or impacted or degraded</i> ?			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 <u>and</u> provides <i>diverse wildlife habitat or habitat for some species</i> <u>or</u> has a <i>intact, or impacted or degraded fish habitat function</i> <u>or</u> has a <i>intact, or impacted or degraded water quality function</i> <u>or</u> has a <i>intact, or impacted or degraded hydrologic control function</i> .			No
2 Is the wetland publicly owned and used by a school or organization <u>and</u> does the wetland provide <i>educational uses</i> ?			No
Optional Locally Significant Wetland criteria satisfied ?			No

Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)



Project Name:	City of Eugene LWI	Wetland:	RSC-21
Project Location:	Lane County, Oregon	Approx. Area (acres):	2.38
Date:	8/8/2003	Wetland Types(s):	PFO, PAB, 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:		No
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 <i>diverse wildlife habitat</i> ?		No
2 Is the wetland's <i>fish habitat function intact</i> ?		No
3 Is the wetland's <i>water quality function intact</i> ?		No
4 Is the wetland's <i>hydrologic control function intact</i> ?	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) <u>and</u> is the wetland's <i>water quality function intact, or impacted or degraded</i> ?		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 <u>and</u> is the wetland's <i>fish habitat function intact, or impacted or degraded</i> ?		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 <u>and</u> provides <i>diverse wildlife habitat or habitat for some species</i> <u>or</u> has a <i>intact, or impacted or degraded fish habitat function</i> <u>or</u> has a <i>intact, or impacted or degraded water quality function</i> <u>or</u> has a <i>intact, or impacted or degraded hydrologic control function</i> .		No
2 Is the wetland publicly owned and used by a school or organization <u>and</u> does the wetland provide <i>educational uses</i> ?		No
Optional Locally Significant Wetland criteria satisfied ?		No

Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)



Project Name:	City of Eugene LWI	Wetland:	RSC-22
Project Location:	Lane County, Oregon	Approx. Area (acres):	1.41
Date:	6/17/2003	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:		No
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 <i>diverse wildlife habitat</i> ?		No
2 Is the wetland's <i>fish habitat function intact</i> ?		No
3 Is the wetland's <i>water quality function intact</i> ?	Yes	
4 Is the wetland's <i>hydrologic control function intact</i> ?		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) <u>and</u> is the wetland's <i>water quality function intact, or impacted or degraded</i> ?		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 <u>and</u> is the wetland's <i>fish habitat function intact, or impacted or degraded</i> ?		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 <u>and</u> provides <i>diverse wildlife habitat or habitat for some species</i> <u>or</u> has a <i>intact, or impacted or degraded fish habitat function</i> <u>or</u> has a <i>intact, or impacted or degraded water quality function</i> <u>or</u> has a <i>intact, or impacted or degraded hydrologic control function</i> .		No
2 Is the wetland publicly owned and used by a school or organization <u>and</u> does the wetland provide <i>educational uses</i> ?		No
Optional Locally Significant Wetland criteria satisfied ?		No

Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)



Project Name:	City of Eugene LWI	Wetland:	RSC-23
Project Location:	Lane County, Oregon	Approx. Area (acres):	4.49
Date:	7/10/2003	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 <i>diverse wildlife habitat</i> ?	Yes	
2 Is the wetland's <i>fish habitat function intact</i> ?		No
3 Is the wetland's <i>water quality function intact</i> ?	Yes	
4 Is the wetland's <i>hydrologic control function intact</i> ?	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) <u>and</u> is the wetland's <i>water quality function intact, or impacted or degraded</i> ?		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 <u>and</u> is the wetland's <i>fish habitat function intact, or impacted or degraded</i> ?		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 <u>and</u> provides <i>diverse wildlife habitat or habitat for some species</i> <u>or</u> has a <i>intact, or impacted or degraded fish habitat function</i> <u>or</u> has a <i>intact, or impacted or degraded water quality function</i> <u>or</u> has a <i>intact, or impacted or degraded hydrologic control function</i> .		No
2 Is the wetland publicly owned and used by a school or organization <u>and</u> does the wetland provide <i>educational uses</i> ?		No
Optional Locally Significant Wetland criteria satisfied ?		No

Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)



Project Name:	City of Eugene LWI	Wetland:	RSC-24
Project Location:	Lane County, Oregon	Approx. Area (acres):	0.67
Date:	6/17/2003	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:		No
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 <i>diverse wildlife habitat</i> ?		No
2 Is the wetland's <i>fish habitat function intact</i> ?		No
3 Is the wetland's <i>water quality function intact</i> ?		No
4 Is the wetland's <i>hydrologic control function intact</i> ?		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) <u>and</u> is the wetland's <i>water quality function intact, or impacted or degraded</i> ?		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 <u>and</u> is the wetland's <i>fish habitat function intact, or impacted or degraded</i> ?		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 <u>and</u> provides <i>diverse wildlife habitat or habitat for some species</i> <u>or</u> has a <i>intact, or impacted or degraded fish habitat function</i> <u>or</u> has a <i>intact, or impacted or degraded water quality function</i> <u>or</u> has a <i>intact, or impacted or degraded hydrologic control function</i> .		No
2 Is the wetland publicly owned and used by a school or organization <u>and</u> does the wetland provide <i>educational uses</i> ?		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:	City of Eugene LWI	Wetland:	RSC-25
Project Location:	Lane County, Oregon	Approx. Area (acres):	1.74
Date:	11/30/2003	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:		No
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 <i>diverse wildlife habitat</i> ?	Yes	
2 Is the wetland's <i>fish habitat function intact</i> ?		No
3 Is the wetland's <i>water quality function intact</i> ?		No
4 Is the wetland's <i>hydrologic control function intact</i> ?	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) <u>and</u> is the wetland's <i>water quality function intact, or impacted or degraded</i> ?		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 <u>and</u> is the wetland's <i>fish habitat function intact, or impacted or degraded</i> ?		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 <u>and</u> provides <i>diverse wildlife habitat or habitat for some species</i> <u>or</u> has a <i>intact, or impacted or degraded fish habitat function</i> <u>or</u> has a <i>intact, or impacted or degraded water quality function</i> <u>or</u> has a <i>intact, or impacted or degraded hydrologic control function</i> .		No
2 Is the wetland publicly owned and used by a school or organization <u>and</u> does the wetland provide <i>educational uses</i> ?		No
Optional Locally Significant Wetland criteria satisfied ?		No

Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)



Project Name:	City of Eugene LWI	Wetland:	RSC-26
Project Location:	Lane County, Oregon	Approx. Area (acres):	0.94
Date:	8/8/2003	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:		No
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 <i>diverse wildlife habitat</i> ?		No
2 Is the wetland's <i>fish habitat function intact</i> ?		No
3 Is the wetland's <i>water quality function intact</i> ?	Yes	
4 Is the wetland's <i>hydrologic control function intact</i> ?	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) <u>and</u> is the wetland's <i>water quality function intact, or impacted or degraded</i> ?		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 <u>and</u> is the wetland's <i>fish habitat function intact, or impacted or degraded</i> ?		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 <u>and</u> provides <i>diverse wildlife habitat or habitat for some species</i> <u>or</u> has a <i>intact, or impacted or degraded fish habitat function</i> <u>or</u> has a <i>intact, or impacted or degraded water quality function</i> <u>or</u> has a <i>intact, or impacted or degraded hydrologic control function</i> .		No
2 Is the wetland publicly owned and used by a school or organization <u>and</u> does the wetland provide <i>educational uses</i> ?		No
Optional Locally Significant Wetland criteria satisfied ?		No

Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)



Project Name:	City of Eugene LWI	Wetland:	RSC-27
Project Location:	Lane County, Oregon	Approx. Area (acres):	0.63
Date:	8/8/2003	Wetland Types(s):	PAB, 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 <i>diverse wildlife habitat</i> ?		No
2 Is the wetland's <i>fish habitat function intact</i> ?		No
3 Is the wetland's <i>water quality function intact</i> ?	Yes	
4 Is the wetland's <i>hydrologic control function intact</i> ?		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) <u>and</u> is the wetland's <i>water quality function intact, or impacted or degraded</i> ?		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 <u>and</u> is the wetland's <i>fish habitat function intact, or impacted or degraded</i> ?		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 <u>and</u> provides <i>diverse wildlife habitat or habitat for some species</i> <u>or</u> has a <i>intact, or impacted or degraded fish habitat function</i> <u>or</u> has a <i>intact, or impacted or degraded water quality function</i> <u>or</u> has a <i>intact, or impacted or degraded hydrologic control function</i> .		No
2 Is the wetland publicly owned and used by a school or organization <u>and</u> does the wetland provide <i>educational uses</i> ?		No
Optional Locally Significant Wetland criteria satisfied ?		No

Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)



Project Name:	City of Eugene LWI	Wetland:	RSC-28
Project Location:	Lane County, Oregon	Approx. Area (acres):	6.98
Date:	8/8/2003	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 <i>diverse wildlife habitat</i> ?			
2 Is the wetland's <i>fish habitat function intact</i> ?			No
3 Is the wetland's <i>water quality function intact</i> ?		Yes	
4 Is the wetland's <i>hydrologic control function intact</i> ?		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) <u>and</u> is the wetland's <i>water quality function intact, or impacted or degraded</i> ?			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 <u>and</u> is the wetland's <i>fish habitat function intact, or impacted or degraded</i> ?			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 <u>and</u> provides <i>diverse wildlife habitat or habitat for some species</i> <u>or</u> has a <i>intact, or impacted or degraded fish habitat function</i> <u>or</u> has a <i>intact, or impacted or degraded water quality function</i> <u>or</u> has a <i>intact, or impacted or degraded hydrologic control function</i> .			
2 Is the wetland publicly owned and used by a school or organization <u>and</u> does the wetland provide <i>educational uses</i> ?			No
Optional Locally Significant Wetland criteria satisfied ?			No

Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)



Project Name:	City of Eugene LWI	Wetland:	RSC-29
Project Location:	Lane County, Oregon	Approx. Area (acres):	3.46
Date:	7/31/2003	Wetland Types(s):	PFO, PAB

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:		No
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 <i>diverse wildlife habitat</i> ?	Yes	
2 Is the wetland's <i>fish habitat function intact</i> ?		No
3 Is the wetland's <i>water quality function intact</i> ?		No
4 Is the wetland's <i>hydrologic control function intact</i> ?	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) <u>and</u> is the wetland's <i>water quality function intact, or impacted or degraded</i> ?		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 <u>and</u> is the wetland's <i>fish habitat function intact, or impacted or degraded</i> ?		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 <u>and</u> provides <i>diverse wildlife habitat or habitat for some species</i> <u>or</u> has a <i>intact, or impacted or degraded fish habitat function</i> <u>or</u> has a <i>intact, or impacted or degraded water quality function</i> <u>or</u> has a <i>intact, or impacted or degraded hydrologic control function</i> .		No
2 Is the wetland publicly owned and used by a school or organization <u>and</u> does the wetland provide <i>educational uses</i> ?		No
Optional Locally Significant Wetland criteria satisfied ?		No

Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)



Project Name:	City of Eugene LWI	Wetland:	RSC-30
Project Location:	Lane County, Oregon	Approx. Area (acres):	11.98
Date:	7/31/2003	Wetland Types(s):	PFO, PAB, 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: <ul style="list-style-type: none"> a. created for the purpose of controlling, storing, or maintaining stormwater 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 	<table border="1" style="width: 100%; height: 50px;"> <tr><td style="width: 70%;"></td><td style="width: 30%; text-align: center;">No</td></tr> <tr><td></td><td style="text-align: center;">No</td></tr> <tr><td></td><td style="text-align: center;">No</td></tr> <tr><td></td><td style="text-align: center;">No</td></tr> </table>		No		No		No		No
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	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)	<table border="1" style="width: 100%; height: 30px;"> <tr><td style="width: 70%;"></td><td style="width: 30%; text-align: center;">No</td></tr> </table>		No						
	No								
Exclusion criteria satisfied?	<table border="1" style="width: 100%; height: 30px;"> <tr><td style="width: 70%;"></td><td style="width: 30%; text-align: center;">No</td></tr> </table>		No						
	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 <i>diverse wildlife habitat</i> ?	<table border="1" style="width: 100%; height: 30px;"> <tr><td style="width: 70%;"></td><td style="width: 30%; text-align: center;">No</td></tr> </table>		No
	No		
2 Is the wetland's <i>fish habitat function intact</i> ?	<table border="1" style="width: 100%; height: 30px;"> <tr><td style="width: 70%;"></td><td style="width: 30%; text-align: center;">No</td></tr> </table>		No
	No		
3 Is the wetland's <i>water quality function intact</i> ?	<table border="1" style="width: 100%; height: 30px;"> <tr><td style="width: 70%;"></td><td style="width: 30%; text-align: center;">No</td></tr> </table>		No
	No		
4 Is the wetland's <i>hydrologic control function intact</i> ?	<table border="1" style="width: 100%; height: 30px;"> <tr><td style="width: 70%; text-align: center;">Yes</td><td style="width: 30%;"></td></tr> </table>	Yes	
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) <u>and</u> is the wetland's <i>water quality function intact, or impacted or degraded</i> ?	<table border="1" style="width: 100%; height: 30px;"> <tr><td style="width: 70%;"></td><td style="width: 30%; text-align: center;">No</td></tr> </table>		No
	No		
6 Does the wetland contain a rare plant community?	<table border="1" style="width: 100%; height: 30px;"> <tr><td style="width: 70%;"></td><td style="width: 30%; text-align: center;">No</td></tr> </table>		No
	No		
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?	<table border="1" style="width: 100%; height: 30px;"> <tr><td style="width: 70%;"></td><td style="width: 30%; text-align: center;">No</td></tr> </table>		No
	No		
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids <u>and</u> is the wetland's <i>fish habitat function intact, or impacted or degraded</i> ?	<table border="1" style="width: 100%; height: 30px;"> <tr><td style="width: 70%;"></td><td style="width: 30%; text-align: center;">No</td></tr> </table>		No
	No		
Mandatory Locally Significant Wetland criteria satisfied ?	<table border="1" style="width: 100%; height: 30px;"> <tr><td style="width: 70%; text-align: center;">Yes</td><td style="width: 30%;"></td></tr> </table>	Yes	
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 <u>and</u> provides <i>diverse wildlife habitat or habitat for some species</i> <u>or</u> has a <i>intact, or impacted or degraded fish habitat function</i> <u>or</u> has a <i>intact, or impacted or degraded water quality function</i> <u>or</u> has a <i>intact, or impacted or degraded hydrologic control function</i> .	<table border="1" style="width: 100%; height: 30px;"> <tr><td style="width: 70%;"></td><td style="width: 30%; text-align: center;">No</td></tr> </table>		No
	No		
2 Is the wetland publicly owned and used by a school or organization <u>and</u> does the wetland provide <i>educational uses</i> ?	<table border="1" style="width: 100%; height: 30px;"> <tr><td style="width: 70%;"></td><td style="width: 30%; text-align: center;">No</td></tr> </table>		No
	No		
Optional Locally Significant Wetland criteria satisfied ?	<table border="1" style="width: 100%; height: 30px;"> <tr><td style="width: 70%;"></td><td style="width: 30%; text-align: center;">No</td></tr> </table>		No
	No		

Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)



Project Name:	City of Eugene LWI	Wetland:	RSC-31
Project Location:	Lane County, Oregon	Approx. Area (acres):	4.52
Date:	11/3/2003	Wetland Types(s):	PFO, PEM, PAB

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: <ul style="list-style-type: none"> a. created for the purpose of controlling, storing, or maintaining stormwater 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 		No
		No
		No
		No
		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 <i>diverse wildlife habitat</i> ?		No
2 Is the wetland's <i>fish habitat function intact</i> ?		No
3 Is the wetland's <i>water quality function intact</i> ?		No
4 Is the wetland's <i>hydrologic control function intact</i> ?		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) <u>and</u> is the wetland's <i>water quality function intact, or impacted or degraded</i> ?		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 <u>and</u> is the wetland's <i>fish habitat function intact, or impacted or degraded</i> ?		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 <u>and</u> provides <i>diverse wildlife habitat or habitat for some species</i> <u>or</u> has a <i>intact, or impacted or degraded fish habitat function</i> <u>or</u> has a <i>intact, or impacted or degraded water quality function</i> <u>or</u> has a <i>intact, or impacted or degraded hydrologic control function</i> .		No
2 Is the wetland publicly owned and used by a school or organization <u>and</u> does the wetland provide <i>educational uses</i> ?		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:	City of Eugene LWI	Wetland:	RSC-32
Project Location:	Lane County, Oregon	Approx. Area (acres):	2.64
Date:	10/01/2003 & 10/17/2003	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:		No
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 <i>diverse wildlife habitat</i> ?		No
2 Is the wetland's <i>fish habitat function intact</i> ?		No
3 Is the wetland's <i>water quality function intact</i> ?	Yes	
4 Is the wetland's <i>hydrologic control function intact</i> ?	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) <u>and</u> is the wetland's <i>water quality function intact, or impacted or degraded</i> ?		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 <u>and</u> is the wetland's <i>fish habitat function intact, or impacted or degraded</i> ?		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 <u>and</u> provides <i>diverse wildlife habitat or habitat for some species</i> <u>or</u> has a <i>intact, or impacted or degraded fish habitat function</i> <u>or</u> has a <i>intact, or impacted or degraded water quality function</i> <u>or</u> has a <i>intact, or impacted or degraded hydrologic control function</i> .		No
2 Is the wetland publicly owned and used by a school or organization <u>and</u> does the wetland provide <i>educational uses</i> ?		No
Optional Locally Significant Wetland criteria satisfied ?		No

Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)



Project Name:	City of Eugene LWI	Wetland:	RSC-33
Project Location:	Lane County, Oregon	Approx. Area (acres):	3.01
Date:	8/8/2003	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 <i>diverse wildlife habitat</i> ?		No
2 Is the wetland's <i>fish habitat function intact</i> ?		No
3 Is the wetland's <i>water quality function intact</i> ?	Yes	
4 Is the wetland's <i>hydrologic control function intact</i> ?	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) <u>and</u> is the wetland's <i>water quality function intact, or impacted or degraded</i> ?		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 <u>and</u> is the wetland's <i>fish habitat function intact, or impacted or degraded</i> ?		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 <u>and</u> provides <i>diverse wildlife habitat or habitat for some species</i> <u>or</u> has a <i>intact, or impacted or degraded fish habitat function</i> <u>or</u> has a <i>intact, or impacted or degraded water quality function</i> <u>or</u> has a <i>intact, or impacted or degraded hydrologic control function</i> .		No
2 Is the wetland publicly owned and used by a school or organization <u>and</u> does the wetland provide <i>educational uses</i> ?		No
Optional Locally Significant Wetland criteria satisfied ?		No

Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)



Project Name:	City of Eugene LWI	Wetland:	RSC-34
Project Location:	Lane County, Oregon	Approx. Area (acres):	1.18
Date:	8/8/2003	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:		No
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 <i>diverse wildlife habitat</i> ?		No
2 Is the wetland's <i>fish habitat function intact</i> ?		No
3 Is the wetland's <i>water quality function intact</i> ?		No
4 Is the wetland's <i>hydrologic control function intact</i> ?	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) <u>and</u> is the wetland's <i>water quality function intact, or impacted or degraded</i> ?		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 <u>and</u> is the wetland's <i>fish habitat function intact, or impacted or degraded</i> ?		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 <u>and</u> provides <i>diverse wildlife habitat or habitat for some species</i> <u>or</u> has a <i>intact, or impacted or degraded fish habitat function</i> <u>or</u> has a <i>intact, or impacted or degraded water quality function</i> <u>or</u> has a <i>intact, or impacted or degraded hydrologic control function</i> .		No
2 Is the wetland publicly owned and used by a school or organization <u>and</u> does the wetland provide <i>educational uses</i> ?		No
Optional Locally Significant Wetland criteria satisfied ?		No

Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)



Project Name:	City of Eugene LWI	Wetland:	RSC-35
Project Location:	Lane County, Oregon	Approx. Area (acres):	1.78
Date:	9/26/2003	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:		No
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 <i>diverse wildlife habitat</i> ?		No
2 Is the wetland's <i>fish habitat function intact</i> ?	Yes	
3 Is the wetland's <i>water quality function intact</i> ?	Yes	
4 Is the wetland's <i>hydrologic control function intact</i> ?	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) <u>and</u> is the wetland's <i>water quality function intact, or impacted or degraded</i> ?		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 <u>and</u> is the wetland's <i>fish habitat function intact, or impacted or degraded</i> ?		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 <u>and</u> provides <i>diverse wildlife habitat or habitat for some species</i> <u>or</u> has a <i>intact, or impacted or degraded fish habitat function</i> <u>or</u> has a <i>intact, or impacted or degraded water quality function</i> <u>or</u> has a <i>intact, or impacted or degraded hydrologic control function</i> .		No
2 Is the wetland publicly owned and used by a school or organization <u>and</u> does the wetland provide <i>educational uses</i> ?		No
Optional Locally Significant Wetland criteria satisfied ?		No

Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)



Project Name:	City of Eugene LWI	Wetland:	RSC-36
Project Location:	Lane County, Oregon	Approx. Area (acres):	2.36
Date:	9/26/2003	Wetland Types(s):	PEM, PAB

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:		No
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 <i>diverse wildlife habitat</i> ?		No
2 Is the wetland's <i>fish habitat function intact</i> ?		No
3 Is the wetland's <i>water quality function intact</i> ?		No
4 Is the wetland's <i>hydrologic control function intact</i> ?	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) <u>and</u> is the wetland's <i>water quality function intact, or impacted or degraded</i> ?		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 <u>and</u> is the wetland's <i>fish habitat function intact, or impacted or degraded</i> ?	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 <u>and</u> provides <i>diverse wildlife habitat or habitat for some species</i> <u>or</u> has a <i>intact, or impacted or degraded fish habitat function</i> <u>or</u> has a <i>intact, or impacted or degraded water quality function</i> <u>or</u> has a <i>intact, or impacted or degraded hydrologic control function</i> .		No
2 Is the wetland publicly owned and used by a school or organization <u>and</u> does the wetland provide <i>educational uses</i> ?		No
Optional Locally Significant Wetland criteria satisfied ?		No

Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)



Project Name:	City of Eugene LWI	Wetland:	RSC-37
Project Location:	Lane County, Oregon	Approx. Area (acres):	1.27
Date:	6/27/2003	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 <i>diverse wildlife habitat</i> ?		No
2 Is the wetland's <i>fish habitat function intact</i> ?		No
3 Is the wetland's <i>water quality function intact</i> ?	Yes	
4 Is the wetland's <i>hydrologic control function intact</i> ?	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) <u>and</u> is the wetland's <i>water quality function intact, or impacted or degraded</i> ?		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 <u>and</u> is the wetland's <i>fish habitat function intact, or impacted or degraded</i> ?		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 <u>and</u> provides <i>diverse wildlife habitat or habitat for some species</i> <u>or</u> has a <i>intact, or impacted or degraded fish habitat function</i> <u>or</u> has a <i>intact, or impacted or degraded water quality function</i> <u>or</u> has a <i>intact, or impacted or degraded hydrologic control function</i> .		No
2 Is the wetland publicly owned and used by a school or organization <u>and</u> does the wetland provide <i>educational uses</i> ?		No
Optional Locally Significant Wetland criteria satisfied ?		No

Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)



Project Name:	City of Eugene LWI	Wetland:	RSC-38
Project Location:	Lane County, Oregon	Approx. Area (acres):	7.11
Date:	8/8/2003	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 <i>diverse wildlife habitat</i> ?			
2 Is the wetland's <i>fish habitat function intact</i> ?			No
3 Is the wetland's <i>water quality function intact</i> ?			No
4 Is the wetland's <i>hydrologic control function intact</i> ?		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) <u>and</u> is the wetland's <i>water quality function intact, or impacted or degraded</i> ?			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 <u>and</u> is the wetland's <i>fish habitat function intact, or impacted or degraded</i> ?		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 <u>and</u> provides <i>diverse wildlife habitat or habitat for some species</i> <u>or</u> has a <i>intact, or impacted or degraded fish habitat function</i> <u>or</u> has a <i>intact, or impacted or degraded water quality function</i> <u>or</u> has a <i>intact, or impacted or degraded hydrologic control function</i> .			
2 Is the wetland publicly owned and used by a school or organization <u>and</u> does the wetland provide <i>educational uses</i> ?			No
Optional Locally Significant Wetland criteria satisfied ?			No

Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)



Project Name:	City of Eugene LWI	Wetland:	RSC-39
Project Location:	Lane County, Oregon	Approx. Area (acres):	0.61
Date:	6/25/2003	Wetland Type(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:		No
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 <i>diverse wildlife habitat</i> ?		No
2 Is the wetland's <i>fish habitat function intact</i> ?		No
3 Is the wetland's <i>water quality function intact</i> ?		No
4 Is the wetland's <i>hydrologic control function intact</i> ?	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) <u>and</u> is the wetland's <i>water quality function intact, or impacted or degraded</i> ?		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 <u>and</u> is the wetland's <i>fish habitat function intact, or impacted or degraded</i> ?		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 <u>and</u> provides <i>diverse wildlife habitat or habitat for some species</i> <u>or</u> has a <i>intact, or impacted or degraded fish habitat function</i> <u>or</u> has a <i>intact, or impacted or degraded water quality function</i> <u>or</u> has a <i>intact, or impacted or degraded hydrologic control function</i> .		No
2 Is the wetland publicly owned and used by a school or organization <u>and</u> does the wetland provide <i>educational uses</i> ?		No
Optional Locally Significant Wetland criteria satisfied ?		No

Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)



Project Name:	City of Eugene LWI	Wetland:	RSC-40
Project Location:	Lane County, Oregon	Approx. Area (acres):	1.56
Date:	6/27/2003	Wetland Types(s):	PAB, 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:		No
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 <i>diverse wildlife habitat</i> ?		No
2 Is the wetland's <i>fish habitat function intact</i> ?		No
3 Is the wetland's <i>water quality function intact</i> ?	Yes	
4 Is the wetland's <i>hydrologic control function intact</i> ?	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) <u>and</u> is the wetland's <i>water quality function intact, or impacted or degraded</i> ?		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 <u>and</u> is the wetland's <i>fish habitat function intact, or impacted or degraded</i> ?		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 <u>and</u> provides <i>diverse wildlife habitat or habitat for some species</i> <u>or</u> has a <i>intact, or impacted or degraded fish habitat function</i> <u>or</u> has a <i>intact, or impacted or degraded water quality function</i> <u>or</u> has a <i>intact, or impacted or degraded hydrologic control function</i> .		No
2 Is the wetland publicly owned and used by a school or organization <u>and</u> does the wetland provide <i>educational uses</i> ?		No
Optional Locally Significant Wetland criteria satisfied ?		No

Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)



Project Name:	City of Eugene LWI	Wetland:	WC-1
Project Location:	Lane County, Oregon	Approx. Area (acres):	1.38
Date:	9/26/2003	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 <i>diverse wildlife habitat</i> ?	Yes		
2 Is the wetland's <i>fish habitat function intact</i> ?			No
3 Is the wetland's <i>water quality function intact</i> ?			No
4 Is the wetland's <i>hydrologic control function intact</i> ?			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) <u>and</u> is the wetland's <i>water quality function intact, or impacted or degraded</i> ?			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 <u>and</u> is the wetland's <i>fish habitat function intact, or impacted or degraded</i> ?			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 <u>and</u> provides <i>diverse wildlife habitat or habitat for some species</i> <u>or</u> has a <i>intact, or impacted or degraded fish habitat function</i> <u>or</u> has a <i>intact, or impacted or degraded water quality function</i> <u>or</u> has a <i>intact, or impacted or degraded hydrologic control function</i> .			No
2 Is the wetland publicly owned and used by a school or organization <u>and</u> does the wetland provide <i>educational uses</i> ?			No
Optional Locally Significant Wetland criteria satisfied ?			No

Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)



Project Name:	City of Eugene LWI	Wetland:	WKZ-1
Project Location:	Lane County, Oregon	Approx. Area (acres):	4.11
Date:	6/4/2003	Wetland Types(s):	PUB, PEM, 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:		No
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 <i>diverse wildlife habitat</i> ?	Yes	
2 Is the wetland's <i>fish habitat function intact</i> ?		No
3 Is the wetland's <i>water quality function intact</i> ?		No
4 Is the wetland's <i>hydrologic control function intact</i> ?	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) <u>and</u> is the wetland's <i>water quality function intact, or impacted or degraded</i> ?		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 <u>and</u> is the wetland's <i>fish habitat function intact, or impacted or degraded</i> ?		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 <u>and</u> provides <i>diverse wildlife habitat or habitat for some species</i> <u>or</u> has a <i>intact, or impacted or degraded fish habitat function</i> <u>or</u> has a <i>intact, or impacted or degraded water quality function</i> <u>or</u> has a <i>intact, or impacted or degraded hydrologic control function</i> .		No
2 Is the wetland publicly owned and used by a school or organization <u>and</u> does the wetland provide <i>educational uses</i> ?		No
Optional Locally Significant Wetland criteria satisfied ?		No

Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)



Project Name:	City of Eugene LWI	Wetland:	WKZ-2
Project Location:	Lane County, Oregon	Approx. Area (acres):	0.5
Date:	9/9/2003	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:		No
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 <i>diverse wildlife habitat</i> ?		No
2 Is the wetland's <i>fish habitat function intact</i> ?		No
3 Is the wetland's <i>water quality function intact</i> ?		No
4 Is the wetland's <i>hydrologic control function intact</i> ?	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) <u>and</u> is the wetland's <i>water quality function intact, or impacted or degraded</i> ?		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 <u>and</u> is the wetland's <i>fish habitat function intact, or impacted or degraded</i> ?		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 <u>and</u> provides <i>diverse wildlife habitat or habitat for some species</i> <u>or</u> has a <i>intact, or impacted or degraded fish habitat function</i> <u>or</u> has a <i>intact, or impacted or degraded water quality function</i> <u>or</u> has a <i>intact, or impacted or degraded hydrologic control function</i> .		No
2 Is the wetland publicly owned and used by a school or organization <u>and</u> does the wetland provide <i>educational uses</i> ?		No
Optional Locally Significant Wetland criteria satisfied ?		No

Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)



Project Name:	City of Eugene LWI	Wetland:	WKZ-3
Project Location:	Lane County, Oregon	Approx. Area (acres):	1.00
Date:	9/9/2003	Wetland Types(s):	PFO

Exclusions : This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".

<p>1 Is this wetland artificially created entirely from upland and:</p> <p>a. created for the purpose of controlling, storing, or maintaining stormwater</p> <p>b. is used for active surface mining or as a log pond</p> <p>c. is a ditch without a free and open connection to natural waters of the state</p> <p>d. is less than 1 acre and created unintentionally from irrigation or construction</p> <p>e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard</p>	<table border="1" style="width: 100%; height: 50px;"> <tr><td style="width: 80%;"></td><td style="width: 20%;">No</td></tr> <tr><td></td><td>No</td></tr> <tr><td></td><td>No</td></tr> <tr><td></td><td>No</td></tr> <tr><td></td><td>No</td></tr> </table>		No		No		No		No		No
	No										
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	No										
<p>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)</p>	<table border="1" style="width: 100%; height: 30px;"> <tr><td style="width: 80%;"></td><td style="width: 20%;">No</td></tr> </table>		No								
	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.

<p>1 Does the wetland provide <i>diverse wildlife habitat</i> ?</p>	<table border="1" style="width: 100%; height: 30px;"> <tr><td style="width: 80%;"></td><td style="width: 20%;">No</td></tr> </table>		No
	No		
<p>2 Is the wetland's <i>fish habitat function intact</i> ?</p>	<table border="1" style="width: 100%; height: 30px;"> <tr><td style="width: 80%;"></td><td style="width: 20%;">No</td></tr> </table>		No
	No		
<p>3 Is the wetland's <i>water quality function intact</i> ?</p>	<table border="1" style="width: 100%; height: 30px;"> <tr><td style="width: 80%;"></td><td style="width: 20%;">No</td></tr> </table>		No
	No		
<p>4 Is the wetland's <i>hydrologic control function intact</i> ?</p>	<table border="1" style="width: 100%; height: 30px;"> <tr><td style="width: 80%;">Yes</td><td style="width: 20%;"></td></tr> </table>	Yes	
Yes			
<p>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) <u>and</u> is the wetland's <i>water quality function intact, or impacted or degraded</i> ?</p>	<table border="1" style="width: 100%; height: 30px;"> <tr><td style="width: 80%;"></td><td style="width: 20%;">No</td></tr> </table>		No
	No		
<p>6 Does the wetland contain a rare plant community?</p>	<table border="1" style="width: 100%; height: 30px;"> <tr><td style="width: 80%;"></td><td style="width: 20%;">No</td></tr> </table>		No
	No		
<p>7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?</p>	<table border="1" style="width: 100%; height: 30px;"> <tr><td style="width: 80%;"></td><td style="width: 20%;">No</td></tr> </table>		No
	No		
<p>8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids <u>and</u> is the wetland's <i>fish habitat function intact, or impacted or degraded</i> ?</p>	<table border="1" style="width: 100%; height: 30px;"> <tr><td style="width: 80%;"></td><td style="width: 20%;">No</td></tr> </table>		No
	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

<p>1 Does the wetland represent a locally unique native plant community <u>and</u> provides <i>diverse wildlife habitat or habitat for some species</i> <u>or</u> has a <i>intact, or impacted or degraded fish habitat function</i> <u>or</u> has a <i>intact, or impacted or degraded water quality function</i> <u>or</u> has a <i>intact, or impacted or degraded hydrologic control function</i> .</p>	<table border="1" style="width: 100%; height: 30px;"> <tr><td style="width: 80%;"></td><td style="width: 20%;">No</td></tr> </table>		No
	No		
<p>2 Is the wetland publicly owned and used by a school or organization <u>and</u> does the wetland provide <i>educational uses</i> ?</p>	<table border="1" style="width: 100%; height: 30px;"> <tr><td style="width: 80%;"></td><td style="width: 20%;">No</td></tr> </table>		No
	No		
Optional Locally Significant Wetland criteria satisfied ?	No		

Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)



Project Name:	City of Eugene LWI	Wetland:	WKZ-4
Project Location:	Lane County, Oregon	Approx. Area (acres):	6.58
Date:	8/15/2003	Wetland Types(s):	PFO, 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 <i>diverse wildlife habitat</i> ?			No
2 Is the wetland's <i>fish habitat function intact</i> ?			No
3 Is the wetland's <i>water quality function intact</i> ?	Yes		
4 Is the wetland's <i>hydrologic control function intact</i> ?	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) <u>and</u> is the wetland's <i>water quality function intact, or impacted or degraded</i> ?	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 <u>and</u> is the wetland's <i>fish habitat function intact, or impacted or degraded</i> ?			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 <u>and</u> provides <i>diverse wildlife habitat or habitat for some species</i> <u>or</u> has a <i>intact, or impacted or degraded fish habitat function</i> <u>or</u> has a <i>intact, or impacted or degraded water quality function</i> <u>or</u> has a <i>intact, or impacted or degraded hydrologic control function</i> .			No
2 Is the wetland publicly owned and used by a school or organization <u>and</u> does the wetland provide <i>educational uses</i> ?			No
Optional Locally Significant Wetland criteria satisfied ?			No

Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)



Project Name:	City of Eugene LWI	Wetland:	WKZ-5
Project Location:	Lane County, Oregon	Approx. Area (acres):	12.28
Date:	8/15/2003	Wetland Types(s):	PSS, PFO, R2AB

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 <i>diverse wildlife habitat</i> ?			
2 Is the wetland's <i>fish habitat function intact</i> ?			No
3 Is the wetland's <i>water quality function intact</i> ?	Yes		
4 Is the wetland's <i>hydrologic control function intact</i> ?	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) <u>and</u> is the wetland's <i>water quality function intact, or impacted or degraded</i> ?	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 <u>and</u> is the wetland's <i>fish habitat function intact, or impacted or degraded</i> ?	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 <u>and</u> provides <i>diverse wildlife habitat or habitat for some species</i> <u>or</u> has a <i>intact, or impacted or degraded fish habitat function</i> <u>or</u> has a <i>intact, or impacted or degraded water quality function</i> <u>or</u> has a <i>intact, or impacted or degraded hydrologic control function</i> .			
2 Is the wetland publicly owned and used by a school or organization <u>and</u> does the wetland provide <i>educational uses</i> ?			No
Optional Locally Significant Wetland criteria satisfied ?			No

Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)



Project Name:	City of Eugene LWI	Wetland:	WKZ-6
Project Location:	Lane County, Oregon	Approx. Area (acres):	19.02
Date:	8/15/2003	Wetland Types(s):	PAB, 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:		No
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 <i>diverse wildlife habitat</i> ?		No
2 Is the wetland's <i>fish habitat function intact</i> ?	Yes	
3 Is the wetland's <i>water quality function intact</i> ?		No
4 Is the wetland's <i>hydrologic control function intact</i> ?	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) <u>and</u> is the wetland's <i>water quality function intact, or impacted or degraded</i> ?		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 <u>and</u> is the wetland's <i>fish habitat function intact, or impacted or degraded</i> ?	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 <u>and</u> provides <i>diverse wildlife habitat or habitat for some species</i> <u>or</u> has a <i>intact, or impacted or degraded fish habitat function</i> <u>or</u> has a <i>intact, or impacted or degraded water quality function</i> <u>or</u> has a <i>intact, or impacted or degraded hydrologic control function</i> .		No
2 Is the wetland publicly owned and used by a school or organization <u>and</u> does the wetland provide <i>educational uses</i> ?		No
Optional Locally Significant Wetland criteria satisfied ?		No

Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)



Project Name:	City of Eugene LWI	Wetland:	WKZ-7
Project Location:	Lane County, Oregon	Approx. Area (acres):	65.54
Date:	7/30/2003 & 9/9/2003	Wetland Types(s):	PAB, PSS, 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: <ul style="list-style-type: none"> a. created for the purpose of controlling, storing, or maintaining stormwater 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 	<table border="1" style="width: 100%; height: 50px;"> <tr><td style="width: 70%;"></td><td style="width: 30%; text-align: center;">No</td></tr> <tr><td></td><td style="text-align: center;">No</td></tr> <tr><td></td><td style="text-align: center;">No</td></tr> <tr><td></td><td style="text-align: center;">No</td></tr> <tr><td></td><td style="text-align: center;">No</td></tr> </table>		No		No		No		No		No
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	No										
	No										
	No										
	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)	<table border="1" style="width: 100%; height: 20px;"> <tr><td style="width: 70%;"></td><td style="width: 30%; text-align: center;">No</td></tr> </table>		No								
	No										
Exclusion criteria satisfied?	<table border="1" style="width: 100%; height: 20px;"> <tr><td style="width: 70%;"></td><td style="width: 30%; text-align: center;">No</td></tr> </table>		No								
	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 <i>diverse wildlife habitat</i> ?	<table border="1" style="width: 100%; height: 20px;"> <tr><td style="width: 70%; text-align: center;">Yes</td><td style="width: 30%;"></td></tr> </table>	Yes	
Yes			
2 Is the wetland's <i>fish habitat function intact</i> ?	<table border="1" style="width: 100%; height: 20px;"> <tr><td style="width: 70%;"></td><td style="width: 30%; text-align: center;">No</td></tr> </table>		No
	No		
3 Is the wetland's <i>water quality function intact</i> ?	<table border="1" style="width: 100%; height: 20px;"> <tr><td style="width: 70%;"></td><td style="width: 30%; text-align: center;">No</td></tr> </table>		No
	No		
4 Is the wetland's <i>hydrologic control function intact</i> ?	<table border="1" style="width: 100%; height: 20px;"> <tr><td style="width: 70%; text-align: center;">Yes</td><td style="width: 30%;"></td></tr> </table>	Yes	
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) <u>and</u> is the wetland's <i>water quality function intact, or impacted or degraded</i> ?	<table border="1" style="width: 100%; height: 20px;"> <tr><td style="width: 70%; text-align: center;">Yes</td><td style="width: 30%;"></td></tr> </table>	Yes	
Yes			
6 Does the wetland contain a rare plant community?	<table border="1" style="width: 100%; height: 20px;"> <tr><td style="width: 70%;"></td><td style="width: 30%; text-align: center;">No</td></tr> </table>		No
	No		
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?	<table border="1" style="width: 100%; height: 20px;"> <tr><td style="width: 70%;"></td><td style="width: 30%; text-align: center;">No</td></tr> </table>		No
	No		
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids <u>and</u> is the wetland's <i>fish habitat function intact, or impacted or degraded</i> ?	<table border="1" style="width: 100%; height: 20px;"> <tr><td style="width: 70%;"></td><td style="width: 30%; text-align: center;">No</td></tr> </table>		No
	No		
Mandatory Locally Significant Wetland criteria satisfied ?	<table border="1" style="width: 100%; height: 20px;"> <tr><td style="width: 70%; text-align: center;">Yes</td><td style="width: 30%;"></td></tr> </table>	Yes	
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 <u>and</u> provides <i>diverse wildlife habitat or habitat for some species</i> <u>or</u> has a <i>intact, or impacted or degraded fish habitat function</i> <u>or</u> has a <i>intact, or impacted or degraded water quality function</i> <u>or</u> has a <i>intact, or impacted or degraded hydrologic control function</i> .	<table border="1" style="width: 100%; height: 20px;"> <tr><td style="width: 70%;"></td><td style="width: 30%; text-align: center;">No</td></tr> </table>		No
	No		
2 Is the wetland publicly owned and used by a school or organization <u>and</u> does the wetland provide <i>educational uses</i> ?	<table border="1" style="width: 100%; height: 20px;"> <tr><td style="width: 70%;"></td><td style="width: 30%; text-align: center;">No</td></tr> </table>		No
	No		
Optional Locally Significant Wetland criteria satisfied ?	<table border="1" style="width: 100%; height: 20px;"> <tr><td style="width: 70%;"></td><td style="width: 30%; text-align: center;">No</td></tr> </table>		No
	No		

Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)



Project Name:	City of Eugene LWI	Wetland:	WKZ-8
Project Location:	Lane County, Oregon	Approx. Area (acres):	0.62
Date:	8/15/2003	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: <ul style="list-style-type: none"> a. created for the purpose of controlling, storing, or maintaining stormwater 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 	<table border="1" style="width: 100%; height: 100%; border-collapse: collapse;"> <tr><td style="width: 50%;"></td><td style="width: 50%; text-align: center;">No</td></tr> <tr><td></td><td style="text-align: center;">No</td></tr> <tr><td></td><td style="text-align: center;">No</td></tr> <tr><td></td><td style="text-align: center;">No</td></tr> <tr><td></td><td style="text-align: center;">No</td></tr> </table>		No		No		No		No		No
	No										
	No										
	No										
	No										
	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)	<table border="1" style="width: 100%; height: 100%; border-collapse: collapse;"> <tr><td style="width: 50%;"></td><td style="width: 50%; text-align: center;">No</td></tr> </table>		No								
	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 <i>diverse wildlife habitat</i> ?	<table border="1" style="width: 100%; height: 100%; border-collapse: collapse;"> <tr><td style="width: 50%;"></td><td style="width: 50%; text-align: center;">No</td></tr> </table>		No
	No		
2 Is the wetland's <i>fish habitat function intact</i> ?	<table border="1" style="width: 100%; height: 100%; border-collapse: collapse;"> <tr><td style="width: 50%;"></td><td style="width: 50%; text-align: center;">No</td></tr> </table>		No
	No		
3 Is the wetland's <i>water quality function intact</i> ?	<table border="1" style="width: 100%; height: 100%; border-collapse: collapse;"> <tr><td style="width: 50%; text-align: center;">Yes</td><td style="width: 50%;"></td></tr> </table>	Yes	
Yes			
4 Is the wetland's <i>hydrologic control function intact</i> ?	<table border="1" style="width: 100%; height: 100%; border-collapse: collapse;"> <tr><td style="width: 50%; text-align: center;">Yes</td><td style="width: 50%;"></td></tr> </table>	Yes	
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) <u>and</u> is the wetland's <i>water quality function intact, or impacted or degraded</i> ?	<table border="1" style="width: 100%; height: 100%; border-collapse: collapse;"> <tr><td style="width: 50%;"></td><td style="width: 50%; text-align: center;">No</td></tr> </table>		No
	No		
6 Does the wetland contain a rare plant community?	<table border="1" style="width: 100%; height: 100%; border-collapse: collapse;"> <tr><td style="width: 50%;"></td><td style="width: 50%; text-align: center;">No</td></tr> </table>		No
	No		
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?	<table border="1" style="width: 100%; height: 100%; border-collapse: collapse;"> <tr><td style="width: 50%;"></td><td style="width: 50%; text-align: center;">No</td></tr> </table>		No
	No		
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids <u>and</u> is the wetland's <i>fish habitat function intact, or impacted or degraded</i> ?	<table border="1" style="width: 100%; height: 100%; border-collapse: collapse;"> <tr><td style="width: 50%;"></td><td style="width: 50%; text-align: center;">No</td></tr> </table>		No
	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 <u>and</u> provides <i>diverse wildlife habitat or habitat for some species</i> <u>or</u> has a <i>intact, or impacted or degraded fish habitat function</i> <u>or</u> has a <i>intact, or impacted or degraded water quality function</i> <u>or</u> has a <i>intact, or impacted or degraded hydrologic control function</i> .	<table border="1" style="width: 100%; height: 100%; border-collapse: collapse;"> <tr><td style="width: 50%;"></td><td style="width: 50%; text-align: center;">No</td></tr> </table>		No
	No		
2 Is the wetland publicly owned and used by a school or organization <u>and</u> does the wetland provide <i>educational uses</i> ?	<table border="1" style="width: 100%; height: 100%; border-collapse: collapse;"> <tr><td style="width: 50%;"></td><td style="width: 50%; text-align: center;">No</td></tr> </table>		No
	No		
Optional Locally Significant Wetland criteria satisfied ?	No		

Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)



Project Name:	City of Eugene LWI	Wetland:	WKZ-9
Project Location:	Lane County, Oregon	Approx. Area (acres):	10.18
Date:	8/6/2003	Wetland Types(s):	PAB, PUB, 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:		No
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 <i>diverse wildlife habitat</i> ?		No
2 Is the wetland's <i>fish habitat function intact</i> ?		No
3 Is the wetland's <i>water quality function intact</i> ?		No
4 Is the wetland's <i>hydrologic control function intact</i> ?	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) <u>and</u> is the wetland's <i>water quality function intact, or impacted or degraded</i> ?		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 <u>and</u> is the wetland's <i>fish habitat function intact, or impacted or degraded</i> ?		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 <u>and</u> provides <i>diverse wildlife habitat or habitat for some species</i> <u>or</u> has a <i>intact, or impacted or degraded fish habitat function</i> <u>or</u> has a <i>intact, or impacted or degraded water quality function</i> <u>or</u> has a <i>intact, or impacted or degraded hydrologic control function</i> .		No
2 Is the wetland publicly owned and used by a school or organization <u>and</u> does the wetland provide <i>educational uses</i> ?		No
Optional Locally Significant Wetland criteria satisfied ?		No

Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)



Project Name:	City of Eugene LWI	Wetland:	WKZ-10
Project Location:	Lane County, Oregon	Approx. Area (acres):	0.55
Date:	7/8/2003	Wetland Types(s):	PAB, 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 <i>diverse wildlife habitat</i> ?			
2 Is the wetland's <i>fish habitat function intact</i> ?			No
3 Is the wetland's <i>water quality function intact</i> ?			No
4 Is the wetland's <i>hydrologic control function intact</i> ?		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) <u>and</u> is the wetland's <i>water quality function intact, or impacted or degraded</i> ?		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 <u>and</u> is the wetland's <i>fish habitat function intact, or impacted or degraded</i> ?			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 <u>and</u> provides <i>diverse wildlife habitat or habitat for some species</i> <u>or</u> has a <i>intact, or impacted or degraded fish habitat function</i> <u>or</u> has a <i>intact, or impacted or degraded water quality function</i> <u>or</u> has a <i>intact, or impacted or degraded hydrologic control function</i> .			
2 Is the wetland publicly owned and used by a school or organization <u>and</u> does the wetland provide <i>educational uses</i> ?			No
Optional Locally Significant Wetland criteria satisfied ?			No

Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)



Project Name:	City of Eugene LWI	Wetland:	WKZ-11
Project Location:	Lane County, Oregon	Approx. Area (acres):	4.66
Date:	11/4/2003	Wetland Types(s):	PEMf, 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:		No
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 <i>diverse wildlife habitat</i> ?		No
2 Is the wetland's <i>fish habitat function intact</i> ?		No
3 Is the wetland's <i>water quality function intact</i> ?		No
4 Is the wetland's <i>hydrologic control function intact</i> ?		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) <u>and</u> is the wetland's <i>water quality function intact, or impacted or degraded</i> ?		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 <u>and</u> is the wetland's <i>fish habitat function intact, or impacted or degraded</i> ?		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 <u>and</u> provides <i>diverse wildlife habitat or habitat for some species</i> <u>or</u> has a <i>intact, or impacted or degraded fish habitat function</i> <u>or</u> has a <i>intact, or impacted or degraded water quality function</i> <u>or</u> has a <i>intact, or impacted or degraded hydrologic control function</i> .		No
2 Is the wetland publicly owned and used by a school or organization <u>and</u> does the wetland provide <i>educational uses</i> ?		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:	City of Eugene LWI	Wetland:	WKZ-12
Project Location:	Lane County, Oregon	Approx. Area (acres):	2.18
Date:	8/6/2003	Wetland Types(s):	PEMf

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 <i>diverse wildlife habitat</i> ?		No
2 Is the wetland's <i>fish habitat function intact</i> ?		No
3 Is the wetland's <i>water quality function intact</i> ?		No
4 Is the wetland's <i>hydrologic control function intact</i> ?		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) <u>and</u> is the wetland's <i>water quality function intact, or impacted or degraded</i> ?		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 <u>and</u> is the wetland's <i>fish habitat function intact, or impacted or degraded</i> ?		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 <u>and</u> provides <i>diverse wildlife habitat or habitat for some species</i> <u>or</u> has a <i>intact, or impacted or degraded fish habitat function</i> <u>or</u> has a <i>intact, or impacted or degraded water quality function</i> <u>or</u> has a <i>intact, or impacted or degraded hydrologic control function</i> .		No
2 Is the wetland publicly owned and used by a school or organization <u>and</u> does the wetland provide <i>educational uses</i> ?		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:	City of Eugene LWI	Wetland:	WKZ-13
Project Location:	Lane County, Oregon	Approx. Area (acres):	2.69
Date:	5/29/2003	Wetland Types(s):	PUB, 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 <i>diverse wildlife habitat</i> ?			
2 Is the wetland's <i>fish habitat function intact</i> ?			No
3 Is the wetland's <i>water quality function intact</i> ?			No
4 Is the wetland's <i>hydrologic control function intact</i> ?		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) <u>and</u> is the wetland's <i>water quality function intact, or impacted or degraded</i> ?			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 <u>and</u> is the wetland's <i>fish habitat function intact, or impacted or degraded</i> ?			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 <u>and</u> provides <i>diverse wildlife habitat or habitat for some species</i> <u>or</u> has a <i>intact, or impacted or degraded fish habitat function</i> <u>or</u> has a <i>intact, or impacted or degraded water quality function</i> <u>or</u> has a <i>intact, or impacted or degraded hydrologic control function</i> .			
			No
2 Is the wetland publicly owned and used by a school or organization <u>and</u> does the wetland provide <i>educational uses</i> ?			No
Optional Locally Significant Wetland criteria satisfied ?			No

Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)



Project Name:	City of Eugene LWI	Wetland:	WKZ-14
Project Location:	Lane County, Oregon	Approx. Area (acres):	7.29
Date:	8/21/2003	Wetland Types(s):	R2UB, 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: <ul style="list-style-type: none"> a. created for the purpose of controlling, storing, or maintaining stormwater 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 		No
		No
		No
		No
		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 <i>diverse wildlife habitat</i> ?		No
2 Is the wetland's <i>fish habitat function intact</i> ?		No
3 Is the wetland's <i>water quality function intact</i> ?	Yes	
4 Is the wetland's <i>hydrologic control function intact</i> ?	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) <u>and</u> is the wetland's <i>water quality function intact, or impacted or degraded</i> ?		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 <u>and</u> is the wetland's <i>fish habitat function intact, or impacted or degraded</i> ?		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 <u>and</u> provides <i>diverse wildlife habitat or habitat for some species</i> <u>or</u> has a <i>intact, or impacted or degraded fish habitat function</i> <u>or</u> has a <i>intact, or impacted or degraded water quality function</i> <u>or</u> has a <i>intact, or impacted or degraded hydrologic control function</i> .		No
2 Is the wetland publicly owned and used by a school or organization <u>and</u> does the wetland provide <i>educational uses</i> ?		No
Optional Locally Significant Wetland criteria satisfied ?		No

Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)



Project Name:	City of Eugene LWI	Wetland:	WR-1
Project Location:	Lane County, Oregon	Approx. Area (acres):	1.94
Date:	7/28/2003	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:		No
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 <i>diverse wildlife habitat</i> ?		No
2 Is the wetland's <i>fish habitat function intact</i> ?		No
3 Is the wetland's <i>water quality function intact</i> ?	Yes	
4 Is the wetland's <i>hydrologic control function intact</i> ?	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) <u>and</u> is the wetland's <i>water quality function intact, or impacted or degraded</i> ?	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 <u>and</u> is the wetland's <i>fish habitat function intact, or impacted or degraded</i> ?		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 <u>and</u> provides <i>diverse wildlife habitat or habitat for some species</i> <u>or</u> has a <i>intact, or impacted or degraded fish habitat function</i> <u>or</u> has a <i>intact, or impacted or degraded water quality function</i> <u>or</u> has a <i>intact, or impacted or degraded hydrologic control function</i> .		No
2 Is the wetland publicly owned and used by a school or organization <u>and</u> does the wetland provide <i>educational uses</i> ?		No
Optional Locally Significant Wetland criteria satisfied ?		No

Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)



Project Name:	City of Eugene LWI	Wetland:	WR-2
Project Location:	Lane County, Oregon	Approx. Area (acres):	1.79
Date:	7/28/2003	Wetland Types(s):	PUB, 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: <ul style="list-style-type: none"> a. created for the purpose of controlling, storing, or maintaining stormwater 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 		No
		No
		No
		No
		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 <i>diverse wildlife habitat</i> ?		No
2 Is the wetland's <i>fish habitat function intact</i> ?		No
3 Is the wetland's <i>water quality function intact</i> ?		No
4 Is the wetland's <i>hydrologic control function intact</i> ?		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) <u>and</u> is the wetland's <i>water quality function intact, or impacted or degraded</i> ?	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 <u>and</u> is the wetland's <i>fish habitat function intact, or impacted or degraded</i> ?	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 <u>and</u> provides <i>diverse wildlife habitat or habitat for some species</i> <u>or</u> has a <i>intact, or impacted or degraded fish habitat function</i> <u>or</u> has a <i>intact, or impacted or degraded water quality function</i> <u>or</u> has a <i>intact, or impacted or degraded hydrologic control function</i> .		No
2 Is the wetland publicly owned and used by a school or organization <u>and</u> does the wetland provide <i>educational uses</i> ?		No
Optional Locally Significant Wetland criteria satisfied ?		No

Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)



Project Name:	City of Eugene LWI	Wetland:	WR-3
Project Location:	Lane County, Oregon	Approx. Area (acres):	25.48
Date:	7/30/2003	Wetland Type(s):	PSS, PEM, PAB

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: <ul style="list-style-type: none"> a. created for the purpose of controlling, storing, or maintaining stormwater 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 	<table border="1" style="width: 100%; height: 50px;"> <tr><td style="width: 80%;"></td><td style="width: 20%;">No</td></tr> <tr><td></td><td>No</td></tr> <tr><td></td><td>No</td></tr> <tr><td></td><td>No</td></tr> <tr><td></td><td>No</td></tr> </table>		No		No		No		No		No
	No										
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	No										
	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)	<table border="1" style="width: 100%; height: 30px;"> <tr><td style="width: 80%;"></td><td style="width: 20%;">No</td></tr> </table>		No								
	No										
Exclusion criteria satisfied?	<table border="1" style="width: 100%; height: 30px;"> <tr><td style="width: 80%;"></td><td style="width: 20%;">No</td></tr> </table>		No								
	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 <i>diverse wildlife habitat</i> ?	<table border="1" style="width: 100%; height: 30px;"> <tr><td style="width: 80%;">Yes</td><td style="width: 20%;"></td></tr> </table>	Yes	
Yes			
2 Is the wetland's <i>fish habitat function intact</i> ?	<table border="1" style="width: 100%; height: 30px;"> <tr><td style="width: 80%;"></td><td style="width: 20%;">No</td></tr> </table>		No
	No		
3 Is the wetland's <i>water quality function intact</i> ?	<table border="1" style="width: 100%; height: 30px;"> <tr><td style="width: 80%;"></td><td style="width: 20%;">No</td></tr> </table>		No
	No		
4 Is the wetland's <i>hydrologic control function intact</i> ?	<table border="1" style="width: 100%; height: 30px;"> <tr><td style="width: 80%;">Yes</td><td style="width: 20%;"></td></tr> </table>	Yes	
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) <u>and</u> is the wetland's <i>water quality function intact, or impacted or degraded</i> ?	<table border="1" style="width: 100%; height: 30px;"> <tr><td style="width: 80%;">Yes</td><td style="width: 20%;"></td></tr> </table>	Yes	
Yes			
6 Does the wetland contain a rare plant community?	<table border="1" style="width: 100%; height: 30px;"> <tr><td style="width: 80%;"></td><td style="width: 20%;">No</td></tr> </table>		No
	No		
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?	<table border="1" style="width: 100%; height: 30px;"> <tr><td style="width: 80%;"></td><td style="width: 20%;">No</td></tr> </table>		No
	No		
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids <u>and</u> is the wetland's <i>fish habitat function intact, or impacted or degraded</i> ?	<table border="1" style="width: 100%; height: 30px;"> <tr><td style="width: 80%;"></td><td style="width: 20%;">No</td></tr> </table>		No
	No		
Mandatory Locally Significant Wetland criteria satisfied ?	<table border="1" style="width: 100%; height: 30px;"> <tr><td style="width: 80%;">Yes</td><td style="width: 20%;"></td></tr> </table>	Yes	
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 <u>and</u> provides <i>diverse wildlife habitat or habitat for some species</i> <u>or</u> has a <i>intact, or impacted or degraded fish habitat function</i> <u>or</u> has a <i>intact, or impacted or degraded water quality function</i> <u>or</u> has a <i>intact, or impacted or degraded hydrologic control function</i> .	<table border="1" style="width: 100%; height: 30px;"> <tr><td style="width: 80%;"></td><td style="width: 20%;">No</td></tr> </table>		No
	No		
2 Is the wetland publicly owned and used by a school or organization <u>and</u> does the wetland provide <i>educational uses</i> ?	<table border="1" style="width: 100%; height: 30px;"> <tr><td style="width: 80%;"></td><td style="width: 20%;">No</td></tr> </table>		No
	No		
Optional Locally Significant Wetland criteria satisfied ?	<table border="1" style="width: 100%; height: 30px;"> <tr><td style="width: 80%;"></td><td style="width: 20%;">No</td></tr> </table>		No
	No		

Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)



Project Name:	City of Eugene LWI	Wetland:	WR-5
Project Location:	Lane County, Oregon	Approx. Area (acres):	1.17
Date:	6/4/2003	Wetland Types(s):	PEM, 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 <i>diverse wildlife habitat</i> ?			
2 Is the wetland's <i>fish habitat function intact</i> ?			No
3 Is the wetland's <i>water quality function intact</i> ?	Yes		
4 Is the wetland's <i>hydrologic control function intact</i> ?			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) <u>and</u> is the wetland's <i>water quality function intact, or impacted or degraded</i> ?	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 <u>and</u> is the wetland's <i>fish habitat function intact, or impacted or degraded</i> ?	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 <u>and</u> provides <i>diverse wildlife habitat or habitat for some species</i> <u>or</u> has a <i>intact, or impacted or degraded fish habitat function</i> <u>or</u> has a <i>intact, or impacted or degraded water quality function</i> <u>or</u> has a <i>intact, or impacted or degraded hydrologic control function</i> .			
			No
2 Is the wetland publicly owned and used by a school or organization <u>and</u> does the wetland provide <i>educational uses</i> ?			No
Optional Locally Significant Wetland criteria satisfied ?			No

Locally Significant Wetland

Plant species observed within the City of Eugene LWI Study Area

SCIENTIFIC NAME	COMMON NAME	R9-IND.
TREES		
<i>Acer circinatum</i>	vine maple	FAC-
<i>Acer macrophyllum</i>	big leaf maple	FACU
<i>Alnus rubra</i>	red alder	FAC
<i>Arbutus menziesii</i>	Pacific madrone	UPL
<i>Fraxinus latifolia</i>	Oregon ash	FACW
<i>Malus fusca</i>	Pacific crabapple	FACW
<i>Populus trichocarpa</i>	black cottonwood	FAC
<i>Prunus avium</i>	sweet cherry	UPL
<i>Pseudotsuga menziesii</i>	Douglas-fir	UPL
<i>Quercus garryana</i>	Oregon white oak	UPL
<i>Rhamnus purshiana</i>	cascara buckthorn	FAC-
<i>Salix babylonica</i>	Babylon willow	FAC+
<i>Salix lasiandra</i>	Pacific willow	FACW+
<i>Salix scouleriana</i>	Scouler's willow	FAC
<i>Salix sitchensis</i>	Sitka willow	FACW
SHRUBS/WOODY VINES		
<i>Amelanchier alnifolia</i>	Saskatoon serviceberry	FACU
<i>Berberis aquifolium</i>	tall Oregon grape	UPL
<i>Convolvulus arvensis</i>	field morning glory	UPL
<i>Cornus stolonifera</i>	red osier dogwood	FACW
<i>Corylus cornuta</i>	beaked hazelnut	FACU
<i>Crataegus douglasii</i>	Douglas' hawthorn	FAC
<i>Crataegus monogyna</i>	ornamental hawthorn	FACU+
<i>Cytisus scoparius</i>	Scot's broom	UPL
<i>Hedera helix</i>	English ivy	UPL
<i>Ilex aquifolium</i>	English holly	UPL
<i>Oemleria cerasiformis</i>	Indian-plum	FACU
<i>Physocarpus capitatus</i>	Pacific nine-bark	FACW-
<i>Prunus laurocerasus</i>	cherry laurel	NI
<i>Rhododendron macrophyllum</i>	rhododendron	UPL
<i>Rhus diversiloba</i>	poisonoak	UPL

SCIENTIFIC NAME	COMMON NAME	R9-IND.
<i>Rosa eglanteria</i>	sweetbriar rose	FACW
<i>Rosa nutkana</i>	Nootka rose	FAC
<i>Rosa pisocarpa</i>	clustered rose	FAC
<i>Rubus discolor</i>	Himalayan blackberry	FACU
<i>Rubus laciniatus</i>	evergreen blackberry	FACU+
<i>Rubus parviflorus</i>	western thimbleberry	FAC-
<i>Rubus ursinus</i>	California dewberry	FACU
<i>Salix exigua</i> (= <i>S. sessilifolia</i>)	narrowleaf willow	FACW
<i>Salix sitchensis</i>	Sitka willow	FACW
<i>Solanum dulcamara</i>	climbing nightshade	FAC+
<i>Spiraea douglasii</i>	Douglas' spiraea	FACW
<i>Symphoricarpos albus</i>	snowberry	FACU
HERBS		
<i>Agropyron repens</i>	quackgrass	FAC-
<i>Agrostis stolonifera</i>	spreading bentgrass	FAC
<i>Agrostis tenuis</i>	colonial bentgrass	FAC
<i>Aira caryophyllea</i>	silver hairgrass	UPL
<i>Alisma plantago-aquatica</i>	broadleaved water plantain	OBL
<i>Alopecurus geniculatus</i>	water foxtail	OBL
<i>Alopecurus pratensis</i>	meadow foxtail	FACW
<i>Anthemis cotula</i>	mayweed	FACU
<i>Anthoxanthum odoratum</i>	sweet vernal grass	FACU
<i>Arrhenatherum elatius</i>	tall oatgrass	UPL
<i>Aster sp.</i>	aster	UPL to OBL
<i>Athyrium filix-femina</i>	lady fern	FAC
<i>Avena sativa</i>	oat	UPL
<i>Beckmannia syzigachne</i>	American sloughgrass	OBL
<i>Bellis perennis</i>	English daisy	UPL
<i>Bidens cernua</i>	nodding beggar's tick	FACW+
<i>Bidens frondosa</i>	devil's beggar tick	FACW+
<i>Boisduvalia</i> (= <i>Epilobium</i>) <i>densiflora</i>	dense-flrd. spike primrose	FACW-
<i>Briza minor</i>	little quake grass	FAC

SCIENTIFIC NAME	COMMON NAME	R9-IND.
<i>Bromus inermis</i>	smooth brome	UPL
<i>Bromus mollis</i>	soft brome	FAC
<i>Bromus rigidus</i>	ripgut brome	UPL
<i>Camassia quamash</i>	common camas	FACW
<i>Carex arcta</i>	northern cluster sedge	OBL
<i>Carex densa</i>	dense sedge	OBL
<i>Carex feta</i>	green sheath sedge	FACW
<i>Carex nudata</i>	naked sedge	FAW
<i>Carex obnupta</i>	slough sedge	OBL
<i>Carex stipata</i>	sawbeak sedge	OBL
<i>Carex unilateralis</i>	one-sided sedge	FACW
<i>Centaureum umbellatum</i>	common centaury	FAC
<i>Cerastium vulgatum</i>	common chickweed	FACU
<i>Chrysanthemum leucanthemum</i>	ox-eye daisy	UPL
<i>Cichorium intybus</i>	chicory	UPL
<i>Cirsium arvense</i>	Canada thistle	FACU+
<i>Cirsium vulgare</i>	bull thistle	FACU
<i>Convolvulus arvensis</i>	field morning glory	UPL
<i>Convolvulus sepium</i>	hedge bindweed	UPL
<i>Crepis setosa</i>	hawksbeard	FACU
<i>Cynosurus cristatus</i>	crested dog tail grass	UPL
<i>Dactylis glomerata</i>	orchard grass	FACU
<i>Danthonia californica</i>	California oatgrass	FACW
<i>Daucus carota</i>	Queen Anne's lace	UPL
<i>Deschampsia cespitosa</i>	tufted hairgrass	FACW
<i>Digitaria ischaemum</i>	smooth crabgrass	FACU
<i>Dipsacus sylvestris</i>	teasel	FAC
<i>Downingia elegans</i>	common downingia	OBL
<i>Echinochloa crus-galli</i>	large barnyard grass	FACW
<i>Eleocharis ovata</i>	ovate spikerush	OBL
<i>Eleocharis palustris</i>	common spikerush	OBL
<i>Elymus glaucus</i>	blue wildrye	FACU

SCIENTIFIC NAME	COMMON NAME	R9-IND.
<i>Epilobium watsonii</i> (=E. <i>ciliatum</i>)	Watson's willow-herb	FACW-
<i>Equisetum arvense</i>	field horsetail	FAC
<i>Erodium cicutarium</i>	stork's bill	UPL
<i>Eryngium petiolatum</i>	coyote thistle	OBL
<i>Festuca arundinacea</i>	tall fescue	FAC-
<i>Festuca rubra</i>	red fescue	FAC-
<i>Galium aparine</i>	catchweed bedstraw	FACU
<i>Geranium carolinianum</i>	Carolina geranium	UPL
<i>Geranium molle</i>	dove foot geranium	UPL
<i>Geranium robertianum</i>	Robert's geranium	UPL
<i>Geum macrophyllum</i>	large leaf avens	FACW-*
<i>Glechoma hederacea</i>	ground ivy	FACU+
<i>Glyceria occidentalis</i>	northwestern manna grass	OBL
<i>Gnaphalium palustre</i>	lowland cudweed	FAC+
<i>Grindelia integrifolia</i>	Puget Sound gumweed	FACW
<i>Heracleum lanatum</i>	cow parsnip	FAC+
<i>Holcus lanatus</i>	common velvet grass	FAC
<i>Hordeum brachyantherum</i>	meadow barley	FACW-
<i>Hordeum geniculatum</i>	Mediterranean barley	NI
<i>Hordeum jubatum</i>	foxtail barley	FAC+
<i>Hypericum perforatum</i>	common St. John's wort	UPL
<i>Hypochaeris radicata</i>	hairy cats-ear	FACU*
<i>Impatiens noli-tangere</i>	touch-me-not	FACW
<i>Ipomoea purpureum</i>	tall morning glory	UPL
<i>Iris pseudacorus</i>	yellow flag	OBL
<i>Juncus acuminatus</i>	tapertip rush	OBL
<i>Juncus bufonius</i>	toad rush	FACW
<i>Juncus effusus</i>	soft rush	FACW
<i>Juncus ensifolius</i>	daggerleaf rush	FACW
<i>Juncus oxymeris</i>	pointed rush	FACW+
<i>Juncus patens</i>	spreading rush	FACW
<i>Juncus tenuis</i>	slender rush	FACW-

SCIENTIFIC NAME	COMMON NAME	R9-IND.
<i>Lactuca serriola</i>	prickly lettuce	FACU
<i>Lamium purpureum</i>	deadnettle	UPL
<i>Lapsana communis</i>	nipplewort	UPL
<i>Lathyrus aphaca</i>	yellow pea	UPL
<i>Lathyrus latifolius</i>	everlasting wild pea	UPL
<i>Leersia oryzoides</i>	rice cut grass	OBL
<i>Lemna minor</i>	duckweed	OBL
<i>Leontodon nudicaulis</i>	hairy hawkbit	UPL
<i>Lolium multiflorum</i>	Italian ryegrass	UPL
<i>Lolium perenne</i>	perennial rye grass	FACU
<i>Lotus corniculatus</i>	birds-foot trefoil	FAC
<i>Lotus purshiana</i>	Spanish clover	UPL
<i>Ludwigia palustris</i>	marsh seedbox	OBL
<i>Lupinus sp.</i>	lupine	UPL
<i>Madia glomerata</i>	mountain tarweed	FACU
<i>Madia sativa</i>	coast tarweed	UPL
<i>Marah oreganus</i>	Oregon manroot	UPL
<i>Matricaria matricarioides</i>	pineapple weed	FACU
<i>Melissa officinalis</i>	lemon balm	UPL
<i>Mentha pulegium</i>	pennyroyal	OBL
<i>Microseris sp.</i>	silverpuffs	NI
<i>Myosotis discolor</i>	yellow and blue forget- me- not	FACW
<i>Myriophyllum brasiliense</i>	water milfoil	OBL
<i>Navarretia intertexta</i>	needleleaf navarretia	FACW
<i>Oenanthe sarmentosa</i>	water-parsley	OBL
<i>Parentucellia viscosa</i>	yellow parentucellia	FAC-
<i>Paspalum distichum</i>	knot grass	FACW
<i>Phalaris arundinacea</i>	reed canary grass	FACW
<i>Phleum pratense</i>	common timothy	FAC-
<i>Plagiobothrys figuratus</i>	popcorn flower	FACW
<i>Plantago lanceolata</i>	English plantain	FAC
<i>Plantago major</i>	common plantain	FACU+

SCIENTIFIC NAME	COMMON NAME	R9-IND.
<i>Poa annua</i>	annual bluegrass	FAC
<i>Poa pratensis</i>	Kentucky bluegrass	FAC
<i>Poa trivialis</i>	rough bluegrass	FACW
<i>Polygonum aviculare</i>	prostrate knotweed	FACW-
<i>Polygonum hydropiper</i>	water smartweed	OBL
<i>Polygonum lapathifolium</i>	willow weed	FACW
<i>Polygonum punctatum</i>	dotted smartweed	OBL
<i>Polypogon monspiliensis</i>	rabbit's foot	FACW
<i>Polystichum munitum</i>	sword fern	FACU
<i>Prunella vulgaris</i>	heal-all	FACU+
<i>Pteridium aquilinum</i>	bracken fern	FACU
<i>Ranunculus acris</i>	tall buttercup	FACW-
<i>Ranunculus repens</i>	creeping buttercup	FACW
<i>Rorippa curvisiliqua</i>	curve-pod yellowcress	OBL
<i>Rorippa nasturtium aquaticum</i>	water cress	OBL
<i>Rumex acetosella</i>	sour dock	FACU+
<i>Rumex crispus</i>	curly dock	FAC+
<i>Rumex salicifolius</i>	willow-leaf dock	FACW
<i>Sagittaria latifolia</i>	wapato	OBL
<i>Scirpus microcarpus</i>	small-fruit bulrush	OBL
<i>Scutellaria galericulata</i>	marsh skullcap	OBL
<i>Senecio jacobaea</i>	tansy ragwort	FACU
<i>Sonchus arvensis</i>	common sowthistle	FACU+
<i>Sonchus asper</i>	spiny sowthistle	FAC-
<i>Sparganium emersum</i>	burreed	OBL
<i>Stachys cooleyae</i>	hedgenettle	FACW
<i>Stellaria media</i>	chickweed	FACU
<i>Taeniatherum caput-medusae</i>	medusahead rye	UPL
<i>Taraxacum officinale</i>	common dandelion	FACU
<i>Torilis arvensis</i>	spreading hedgeparsley	UPL
<i>Tragopogon dubius</i>	yellow salsify	UPL
<i>Trifolium dubium</i>	suckling clover	UPL

SCIENTIFIC NAME	COMMON NAME	R9-IND.
<i>Trifolium pratense</i>	red clover	FACU
<i>Trifolium repens</i>	white clover	FAC
<i>Trillium ovatum</i>	Pacific trillium	FACU
<i>Typha latifolia</i>	broad-leaf cattail	OBL
<i>Veronica americana</i>	American speedwell	OBL
<i>Veronica scutellata</i>	marsh speedwell	OBL
<i>Vicia americana</i>	American purple vetch	FAC
<i>Vicia cracca</i>	bird vetch	UPL
<i>Vicia sativa</i>	common vetch	UPL
<i>Vicia tetrasperma</i>	slender vetch	UPL
<i>Vulpia myuros</i>	rattail fescue	FAC

Wetland Characterization -- Field Form



Project Name: Eugene Local Wetland Inventory

Wetland Code: RSC-37

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		1		Streams connected to the Wetland		Q-37	A	Q-48	A
2		2				Q-38	C	Q-49	B
3		3				Q	A	Q-39	A
4		4		Q-30	B	Q-40	B	Aesthetics	
5		Q-22		Q-31	B	Public Access to Wetland Site			
Q-16	A	Q-23	A	Q-32	C			Q	A
Q-17	B	Q-24	B	Lakes and Ponds					
Q-18	A	Q-25	/						
Q-19	A	Q-26	B	Q	A	Q-41	A	Q-52	A
Q-20		Q-27	A	Q-33	/	Q-42	A	Q-53	A
1		Q-28	C	Q-34	/	Q-43		Q-54	A
2				Q-35	/	Q-44	A	Q-55	A
3						Q-45	B	Q-56	A
4						Q-46	A	Q-57	C
5								Q-58	A

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)



Project Name:	City of Eugene LWI	Wetland:	WR-4
Project Location:	Lane County, Oregon	Approx. Area (acres):	6.35
Date:	6/4/2003	Wetland Type(s):	PAB, PSS, PUB

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 <i>diverse wildlife habitat</i> ?			
2 Is the wetland's <i>fish habitat function intact</i> ?			No
3 Is the wetland's <i>water quality function intact</i> ?			No
4 Is the wetland's <i>hydrologic control function intact</i> ?		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) <u>and</u> is the wetland's <i>water quality function intact, or impacted or degraded</i> ?		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 <u>and</u> is the wetland's <i>fish habitat function intact, or impacted or degraded</i> ?		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 <u>and</u> provides <i>diverse wildlife habitat or habitat for some species</i> <u>or</u> has a <i>intact, or impacted or degraded fish habitat function</i> <u>or</u> has a <i>intact, or impacted or degraded water quality function</i> <u>or</u> has a <i>intact, or impacted or degraded hydrologic control function</i> .			
2 Is the wetland publicly owned and used by a school or organization <u>and</u> does the wetland provide <i>educational uses</i> ?			No
Optional Locally Significant Wetland criteria satisfied ?			No

Locally Significant Wetland