City of Corvallis

Local Wetland Inventory

DSL Final Approval

November 16, 2004

DIVISION OF STATE LANDS
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2004 NOV 17 P 2:26

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City of Corvallis
Natural Features Inventory

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Introduction

This Local Wetlands Inventory (LWI) is a part of the 2003 Corvallis Natural Resources Inventory. The LWI includes all wetlands within the Urban Growth Boundary (UGB) at least 0.5 acres in size and uses the standards and procedures of Oregon Administrative Rules (OAR) 141-86-110 through 141-86-240. The LWI also includes an assessment of the quality and function of the inventoried wetlands and a determination of their significance. The "significance" of a wetland is determined by state administrative rules for Locally Significant Wetlands (OAR 141-86-300 through 141-86-350). The *Oregon Freshwater Wetland Assessment Methodology* (OFWAM)[1] was developed by the Division of State Lands (DSL). The OFWAM results plus other factors in the administrative rules are used to determine whether or not a wetland meets the criteria for a Locally Significant Wetland (LSW).

The maps and documents produced for the LWI are intended for planning purposes only. The goal is to map wetland boundaries with an accuracy to within 25 feet. There may be unmapped wetlands that are subject to state and federal regulation. In all cases, actual field conditions determine wetland boundaries. Generally, a wetland delineation is needed prior to land alteration near a mapped wetland.

Wetlands and water resources in Oregon are regulated by the DSL under the Removal-Fill Law (ORS 196.800-196.990) and by the US Army Corps of Engineers (COE) through Section 404 of the Clean Water Act. When approved by DSL, the Corvallis LWI will become a part of the Statewide Wetlands Inventory (SWI), replacing the National Wetlands Inventory and earlier LWIs within the UGB.

A LWI provides greater detail and accuracy than the existing NWI and also includes a classification of all wetlands identified within a defined study area. An approved LWI is used by cities and counties in lieu of the NWI when notifying the DSL of land use applications that may affect mapped wetlands. An LWI also fulfills the wetland inventory requirements for Goal 5 of the Statewide Planning Goals and Guidelines related to protecting and conserving natural resources. Local governments administer local land use laws and ordinances to protect locally significant wetlands. Regardless of any local wetland protection program, the DSL and COE are still responsible for regulating activity in wetlands, whether they have been determined to be locally significant or not.

This report begins with a summary of wetland types and overall wetland acreages in the Corvallis LWI; it follows with a discussion of wetland functions and the methodology used to conduct the inventory fieldwork, and concludes with the results of the LWI. Data sheets accompanying this report include those for the OFWAM, the wetland determination data sheets, and the significant wetlands criteria.

[1] OFWAM methodology document may be reviewed at many public libraries or ordered through DSL.

Summary

Field work was conducted in the spring, summer, and fall of 2002, as well as the spring of 2003. Each wetland unit was assigned a 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 OFWAM.

Two general types of wetlands were identified in the LWI for the Corvallis UGB. These have been identified on the maps as:

- Locally Significant Wetlands (LSW) – wetlands identified using the COE Wetland Delineation Manual Technical Report Y-87-1 and meeting the criteria for Locally Significant Wetlands in state rules (OAR 141-86-300 through 141-86-350) – see page IV-6 for criteria).
- Non-Locally Significant Wetlands (Non-LSW) – wetlands identified using the COE Wetland Delineation Manual Technical Report Y-87-1 but that did not meet the criteria for Locally Significant Wetlands in state rules.

One hundred and twenty-one (121) wetland units were identified in the project area. These wetlands cover approximately 2,593 acres, or 14 percent of the 17,965-acre Corvallis LWI study area (see Table 1). The average wetland size is approximately 21.4 acres.

Table 1. Local Wetland Inventory Summary (acres)

Wetland Type	Corvallis UGB	North	South	West Central
Locally Significant Wetlands (LSW)	1,270	312	415	500
Non-Locally Significant Wetlands	1,323	181	882	303
Total Wetland Acres	**2,593**	**493**	**1,297**	**803**
Average Size of Wetlands	21.4	20.5	30.9	14.6

All 121 wetland units were assessed using OFWAM. Sixty-three (63) wetlands were determined to be locally significant. These locally significant wetlands (LSWs) total 1,270 acres, or 49 percent of the total wetland area. The average size of a LSW is 20.2 acres. Of the LSWs, eleven are of Special Interest for Protection, due to the presence of known habitat for rare, threatened, or endangered plant species. Non-locally significant wetlands total 1,323 acres, or 51 percent of the total wetland area. The average size of a non-locally significant wetland is 22.8 acres.

The conclusion that just over half of Corvallis' wetlands do not meet LSW criteria can be largely attributed to the fact that large areas of wetlands are actively farmed. The non-locally significant wetlands may provide important functions, but do not meet the LSW criteria.

The most abundant wetland type by acreage is palustrine emergent farmed (65 percent), followed by palustrine emergent (16 percent), palustrine forested (10 percent), palustrine scrub shrub (8 percent), and palustrine open water (<1 percent).

Functional Values

Wetlands are "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" (ORS 196.800(16)). Therefore, wetlands may include wet fields, swales or depressions, as well as bogs and marshes. They may be forested, grassy, or shrubby and may or may not have standing water in them. They can be located on slopes as well as adjacent to streams or in floodplains, and may be isolated or connected to other wetlands or surface waters.

Wetlands act as sources, sinks, or channels for energy and materials. A wetland may serve as a source area for a fishery, part of a corridor for animal migration, or as a sink area for water borne pollutants. Not all wetlands have the same ability to function as a source, sink, or channel. That depends on the wetland's physical and biological structure and location. Human disturbance can impair a wetland's function, and wetland enhancement can increase a wetland's ability to function (OFWAM, 1996).

Wetlands perform a variety of functions. For example, stormwater runoff during and following rain events can be naturally collected and stored, reducing the frequency and severity of downstream flooding and allowing for the filtration of floodwater. Stored water also contributes to the recharge of local groundwater, instead of allowing the water to flow away in drainage ditches and storm sewers. Wetlands contribute to fish and wildlife habitat by providing places of refuge and connectivity within otherwise developed areas. Wetlands also provide recreational and educational opportunities due to the fact they attract wildlife and provide a place for natural processes to be observed and enjoyed.

Wetlands in the Corvallis area are mostly sustained by precipitation that perches on the heavy clay soils common in the study area and from a high local water table in low-lying areas. These types of wetlands often recharge the groundwater system that feeds local streams. There are also wetlands that are derived more from groundwater or surface water. In the hills on the western edge of the study area, there are numerous seeps and springs that may be seasonal or perennial. Within the floodplains of Squaw, Oak, Jackson, and Frazier Creeks, wetlands may be subject to seasonal flooding, with shallow inundation in depressional wetlands or backwater channels of the creeks.

Methods

The Local Wetlands Inventory (LWI) was conducted according to the standards established under OAR 141-86-180 through 141-86-240 (adopted February 15, 2001). The wetland boundaries were identified using the COE Wetland Delineation Manual Technical Report Y-87-1 (Environmental Laboratory, 1987), which defines wetlands as requiring indicators of hydric soils, a dominance of hydrophytic vegetation, and wetland hydrology. When access to land was allowed, the wetland boundaries were verified in the field. If access was not granted, the boundaries were based on aerial photo interpretation, review of available information, such as the soil survey or previous inventories, and observations from adjacent roads or properties.

Two previous wetland inventories for the Jackson-Frazier Basin (1997) and the Squaw Creek Basin (1994) were field verified, with additional data collection and mapping if the land use had changed significantly from when the inventories were completed and if access was allowed. DSL-approved wetland delineations were incorporated into the wetland inventory and the boundaries were checked in the field where access was allowed. A list of previous delineations performed on Corvallis area wetlands is included in the appendices of this report.

Prior to beginning field work, the inventory team reviewed the Oregon Department of Environmental Quality (DEQ) 303(d) list of water quality limited streams, and Oregon Department of Fish and Wildlife (ODFW) essential salmonid habitat information. In addition, Pacific Habitat Services (PHS), a member of the inventory team, contacted Gary Galovich at ODFW to discuss other fish species that may be present in the Corvallis streams. This information was used in answering specific questions during the assessment. DEQ has listed the Willamette River and Marys River as water quality limited. Oak Creek, the Marys River, the Willamette River, the Mill Race, and lower Booneville channel are considered Essential Salmonid Habitat by ODFW. Most other creeks in the study area may have resident cutthroat trout, even in intermittent streams that have persistent pools. The lower reaches of all low gradient streams may also have juvenile chinook (Gary Galovich, pers. comm.).

Mapping

Off-site mapping of potential wetland areas was conducted prior to fieldwork to determine the approximate location of wetland boundaries. This mapping process included the review of the USGS topographic quadrangles, the Soil Survey of Benton County, the National Wetlands Inventory maps, wetland delineations approved by DSL, wetland inventories for Squaw and Jackson-Frazier watersheds, and 1998 digital orthophoto maps at a scale of 1-inch equals 200 feet. These potential wetlands were digitized into a GIS database and mapped for verification. In the field, stereo pairs of February 2002 black and white aerial photographs at a scale of 1 inch equals 600 feet were used as base maps, as well as the 1998 orthophotos. Final inventory maps were mapped on 2002 color aerial photos.

All wetlands were coded and data points numbered with a unique field code on field maps. The field maps were then digitized into the GIS system and re-coded.

Each wetland is assigned a code beginning with the Study Area (*e.g.* West Central, North or South), the three-letter stormwater basin designation from the City, a wetland designation letter, and a wetland number (*e.g.* WC-DIX-W-1 for a wetland in the West-Central area in Dixon Creek basin). Data points are numbered consecutively. For example a wetland data point within Dixon Creek basin may have a code such as DIX-W-20. The stormwater basins were determined by the City and in some cases, do not reflect the natural watersheds of the study area. Wetlands that consist of a mosaic or mix of wetlands interspersed with upland areas are noted by the letter "M" followed by a number that represents the portion of the resource area that is wetland. For example, N-SEQ-M70-1 is a mosaic wetland that is 70% wetland and 30% upland. The mosaic

wetlands are interspersed with upland areas so intricately that it is difficult to determine wetland boundaries without preparing a wetland delineation.

Field Methodology

Where property access permission was granted, on-site observation and inspection of soils, vegetation, and hydrology were made using the "Routine On-site method" of the 1987 delineation manual. Soil pits were excavated up to a depth of 18 inches in selected locations. The soil profiles were examined for hydric soils and wetland hydrology field indicators. The percent cover of the dominant species of the plant community for a maximum 30-foot radius was estimated at each sampling location. Sampling locations are chosen to document a change in the wetland boundary or individual plant community. No wetland boundaries were staked or flagged in the field.

During the process of identifying and mapping wetlands for the LWI, a field data sheet was used to answer the OFWAM questions. The data is entered into a spreadsheet form, which automatically determined if the wetland meets the criteria for Locally Significant Wetlands. In addition, observational and anecdotal data were collected for the purpose of completing the Wetland Characterization section of OFWAM.

Field surveys were conducted on-site where access permission was obtained. Where access was not obtained, assessments were "field verified" with observations from adjacent roads, public lands, or properties that had granted access. For difficult to observe sites, an off-site assessment was conducted using aerial photographs and existing data sources. If the wetland determination was off-site, the OFWAM section and wetland characterizations are based on review of the aerial photographs and knowledge of other similar or adjacent wetlands. Table 2 provides a breakdown between the on-site, field verified and off-site surveys for each resource.

Table 2. Analysis of On-site vs. Off-site Methods

Method	No. of Sites	%	Acres	%
On-site	56	46%	1,001	39%
Field Verified	43	36%	1,232	47%
Off-site	22	18%	360	14%

Wetland Quality Assessment

The quality and functions of wetlands in the study area were assessed using OFWAM. OFWAM determines 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. Good plant community diversity increases animal community diversity. Structural diversity is also important. If several layers of vegetation are present, more diverse habitat types are available. OFWAM assessed whether wetlands provide diverse habitat for wildlife, provide habitat for some wildlife species, or provide no habitat function.

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 warm water and coldwater fish and no particular species are emphasized. Wetlands that contribute to habitat for fish include dense, overhanging vegetation. This vegetation provides shade, cover, and food sources to adjacent resources. 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. Essentially equivalent to pollution removal, a wetland contributes to water quality by trapping sediment during periods of heavy rainfall, keeping it from entering adjacent downstream resources. They also trap nutrients such as nitrogen and phosphorus, helping to prevent or minimize algal blooms and subsequent oxygen deficiencies downstream. 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. Wetlands act as flood regulators, trapping water during periods of high precipitation or flooding, and then slowly releasing the flow downstream. 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." Easily accessible, publicly owned wetlands with a diversity of plants and animals are useful in outdoor education. A wetland assessed by OFWAM can have educational uses, have the potential to provide, or not be appropriate for educational uses.

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

Wetland Conditions

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

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

OFWAM determines the relative quality of six functions and three conditions for each of the wetlands. The quality is determined by compiling the answers to 52 questions (58 if the wetland has fish habitat) regarding the wetland and its surroundings. Some of the questions can be answered prior to performing field visits, as they pertain to the region, project area, or watershed that the wetland is located in. The remainder are answered on-site and pertain to conditions specific to that wetland. All questions are grouped so as to relate specifically to one or more functions or conditions.

The results of each OFWAM assessment are presented on a set of data sheets for each wetland (see appendix). The first is the Wetland Assessment Summary Sheet. It includes the answers for all 58 OFWAM questions. The second sheet is the Functions and Conditions Summary Sheet. It summarizes the results of the questions, as they relate to each wetland function and condition. The third sheet identifies the questions pertaining to the mandatory and optional criteria used to establish locally significant wetlands, and the answers to those questions (Table 3). The fourth sheet is the Wetland Characterization Sheet. This sheet includes specific details about the wetland including size, location, wetland classification, and associated mapped soils, as well as a brief description of the wetland and surrounding areas.

In addition to the OFWAM forms, a Wetland Determination Data Form was used for all on-site wetland assessments (see appendix). Field verified and off-site wetland assessments do not have associated Wetland Determination Data Forms. The form includes field data collected at the time of assessment as well as additional data regarding the wetland location. The upper portion of the form displays information such as the project name, general sample site location, and initials of the investigator. The remainder of the form includes any evidence of hydrology noted at the sample site, mapped soils series, observed soils characteristics, and a record of observed vegetation. In most cases, in order for a sample site to satisfy wetland criteria, there must be

documented evidence of wetland hydrology, hydric soils, and a hydrophytic (i.e., wetland) plant community.

Wetlands of Special Interest for Protection

The first filter in OFWAM is to determine whether the wetland contains either federal or state listed species, is in a management plan, is protected by regulatory rules or statutes, is a protected mitigation site, or is an uncommon wetland type 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.

Locally Significant Wetlands

Local jurisdictions determining significant wetlands must use the criteria adopted by DSL (OAR 141-86-300 through 141-86-350). The significance evaluation is divided into three sections (exclusions, mandatory criteria, and optional criteria), as described in Table 3 below. Through the Natural Features Scoping Project, the City of Corvallis chose to include the optional criteria to identify LSWs.

Table 3. Criteria for Determining Goal 5 Locally Significant Wetlands (from OARs)

***Exclusions*: A wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**

1 Is this wetland artificially created entirely from upland and:
- **a.** Created for the purpose of controlling, storing, or maintaining storm water
- **b.** is used for active surface mining or as a log pond
- **c.** is a ditch without a free and open connection to natural waters of the state
- **d.** is less than 1 acre and created unintentionally from irrigation or construction
- **e.** created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard

2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of OAR 141-86-350 1(b)

***Mandatory Locally Significant Wetland Criteria*: A wetland is locally significant if "Yes" is the answer to any of the criteria below.**

1 Does the wetland provide *diverse wildlife habitat*?
2 Is the wetland's *fish habitat function intact*?
3 Is the wetland's *water quality function intact*?
4 Is the wetland's *hydrologic control function intact*?
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list) and is the wetland's *water quality function intact, or impacted or degraded*?
6 Does the wetland contain a rare plant community?
7 Is the wetland inhabited by any species listed federally as threatened or Endangered, or state listed as sensitive, threatened or endangered?
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids and is the wetland's *fish habitat function intact, or impacted or degraded*?

***Optional Locally Significant Wetland Criteria*: local governments may Identify a wetland as significant if "Yes" is the answer to the criteria below.[2]**

1 Does the wetland represent a locally unique native plant community and
Provide *diverse wildlife habitat or habitat for some species,* or
Have an *intact, or impacted or degraded fish habitat function,* or
Have an *intact, or impacted or degraded water quality function,* or
Have an *intact, or impacted or degraded hydrologic control function*?

2 Is the wetland publicly owned and used by a school or organization and
Does the wetland provide *educational uses*?

[2] Note: Through the Natural Features Scoping Project, the City of Corvallis chose to include the optional criteria to identify LSWs.

Inventory Results

Wetland Acreage and Distribution

One hundred and twenty-one (121) wetland units were identified in the project area. These wetlands cover approximately 2,593 acres, or 14 percent of the 17,965-acre Corvallis Urban Growth Boundary (UGB). The average wetland size is approximately 21.2 acres. They range in size from one-half acre to 400 acres. The number of wetlands by study area is as follows: North Corvallis- 24; South Corvallis- 42; and West Central Corvallis- 55.

All 121 wetland units were assessed using OFWAM. Sixty-three (63) wetlands were determined to be locally significant. These locally significant wetlands (LSWs) total 1,270 acres, or 49 percent of the total wetland area. The average size of a LSW is 20.2 acres. Of the LSWs, eleven are of Special Interest for Protection, due to the presence of known habitat for rare, threatened, or endangered plant species. Non-locally significant wetlands total 1,323 acres, or 51 percent of the total wetland area. The average size of a non-locally significant wetland is 22.8 acres.

A large percentage of the non-locally significant wetlands, by acreage, are wetlands on active farmland. Wetlands identified within active agricultural areas total 1,728 acres within the Corvallis UGB. The largest (S-MAR-W-2) is a 400-acre wetland complex located north of the municipal airport.

In addition to the 121 wetlands in the inventory, 55 possible wetlands (PW) and 17 ponds were also identified, but not evaluated. All PW's are noted on the maps but do not meet the minimum acreage threshold to be included in the LWI. Possible wetlands are still subject to applicable state and federal regulations.

North Corvallis Study Area Wetland Characteristics

The North Corvallis Study Area includes Sequoia, Garfield, Village Green, Northeast Corvallis, Jackson, Frazier, and Lewisburg stormwater basins. The first three basins are largely developed. Sequoia Creek is piped for long reaches west of Highway 99. Stewart Slough is located in the Garfield basin and the Village Green Creek flows south from the Jackson Frazier wetland located outside the UGB. Northeast Corvallis is a very small basin with a large agricultural wetland that drains to the Jackson Frazier wetland.

Jackson and Frazier Creeks both originate in McDonald State Forest. The Jackson Creek portion of the watershed contains over 1,500 acres, and the Frazier Creek watershed contains over 2,200 acres. Both watersheds are largely rural in nature, with forest in their upper reaches, giving way to agricultural fields in the flatter portions of the watershed. Development has been limited mainly to rural residential housing. The largest wetland in the North Corvallis Study Area is N-JAC-W-4, a 234-acre wetland complex that extends from south of Jackson Creek into the agricultural areas north of Frazier Creek.

Within the study area, the Jackson, Frazier, and Lewisburg basins are mostly agricultural and contain extensive areas of wetlands. The majority of the wetlands are farmed, however there are also large areas along the creeks that have been left in forested or scrub shrub cover, providing important habitat corridors for wildlife. The Jackson and Frazier creeks converge in a broad floodplain area west of Highway 99. East of Highway 99 and outside the UGB, their combined flow enters the Jackson-Frazier Wetlands.

Four wetlands (37.43 acres) were mapped using on-site methods. Twelve (12) wetlands (374.57 acres) were field verified, accounting for approximately 76 percent of the wetland area, of the North Corvallis Study Area, but seven of those wetlands (approximately 333 acres or 67 percent) had been assessed with a previous DSL-approved wetland delineation. Eight (8) wetlands (80.77 acres) were mapped using off-site methods.

West Central Study Area Wetland Characteristics

The West Central Study Area includes the Squaw, Oak, and Dixon Creek drainage basins. Squaw Creek has large wetlands near Reservoir Road, with the north branch encompassing agricultural fields and the old log ponds near the County Fairgrounds and the south branch originating near the City reservoir and encompassing extensive undeveloped and agricultural lands between West Hills Road and Highway 34. High quality forested wetlands are located along the south branch of Squaw Creek in the vicinity of Starker Park. As the area becomes more urbanized to the east, wetlands are diminished and the creek becomes more confined by development.

Oak Creek also has extensive agricultural wetlands in the area north of Oak Creek Road and west of 53rd Street. Much of this land is owned by Oregon State University (OSU) and the City owns a portion of both the north branch of Oak Creek in Walnut Park and the southern branch in Bald Hills Park. As the topography flattens, Oak Creek meanders in its floodplain, and several seasonal backwater channels/wetlands are located in the area south of Harrison Boulevard and between 35th and 53rd Streets. Oak Creek then flows through the developed portion of the OSU campus and converges with Marys River south of Highway 34 and opposite Avery Park.

The Dixon Creek basin is mostly developed. Areas currently undeveloped north of Walnut Boulevard are in the process of being developed for residential housing. Therefore, due to the urbanization of this area, wetlands are relatively small and scattered. The Timberhill development site has the largest portion of wetlands in the basin.

Thirty-four (34) wetlands, accounting for approximately 432 acres or 53 percent of the wetland area, of the West-Central Corvallis Study Area, were assessed on-site. Sixteen (16) wetlands (approximately 355 acres or 44 percent) were mapped using field verified methods, but seven (7) of these wetlands (approximately 234 acres) had been assessed with a previous DSL-approved wetland delineation, assessment or permit. Five (5) wetlands (16.11 acres) were mapped using off-site methods, with one (1) of those wetlands (6.85 acres) having a previous DSL-approved wetland delineation, assessment or permit.

South Corvallis Study Area Wetland Characteristics

The South Corvallis Study Area includes the Marys River, Mill Race, Ryan Creek, Willamette River, Goodnight Creek, and Dry Creek drainage basins. The Marys River Watershed extends well beyond the borders of the study area. It includes wetlands in agricultural and rural residential areas that flow north and east to the Marys River or Squaw Creek. The Mill Race basin includes a golf course and Avery Park. The Ryan Creek basin includes Crystal Lake. The Willamette River basin includes most of Willamette Park and isolated wetlands in farmed and residential areas. The Dry Creek basin includes areas near the airport. The Goodnight Creek basin includes agricultural lands east of Highway 99 and south of existing residential areas.

The Marys River and Dry Creek basins have extensive areas of farmed wetlands. Most of these wetlands are low quality due to farming and lack of natural vegetative cover. Many of these areas are zoned for industrial land uses.

Eighteen (18) wetlands (531.19 acres or 41 percent) were assessed on-site. Fifteen (15) wetlands (502.62 acres or 38 percent) were mapped using field verified methods, but 10 of these wetlands (approximately 455 acres) had been assessed with a previous DSL-approved wetland delineations. Nine (9) wetlands (263.22 acres or 20 percent) were mapped using off-site methods, with two (2) of those wetlands (227 acres) having a previous DSL-approved wetland delineation.

Table 4. Wetland Areas Within Each Watershed Basin

Stormwater Basin	Acres
North Corvallis	
Sequoia	20.21
Northeast Corvallis	30.16
Garfield	47.77
Village Green	18.28
Frazier Creek	73.57
Lewisburg	59.87
Jackson Creek	242.91
West-Central Corvallis	
Oak Creek	368.08
Squaw Creek	392.87
Dixon Creek	33.66
South Corvallis	
Marys River	945.32
Mill Race	2.00
Ryan	2.42
Dry Creek	221.95
Goodnight	66.98
Willamette River	66.69
Total Wetland Acreage	**2,592.74**

Wetland Classification

Cowardin Classes

The U.S. Fish and Wildlife Service, as part of the National Wetlands Inventory (NWI) program, has mapped numerous wetlands in the study area. The NWI maps are generated primarily on the basis of interpretation of relatively large-scale color infrared aerial photographs (*e.g.*, scale of 1:58,000) with limited "ground truthing" conducted to confirm the interpretations. Wetlands on the NWI maps are classified according to the Cowardin system (Cowardin et al, 1979). As described in the sections above, the NWI maps are used as the basis for the initial off-site mapping. This LWI provides greater detail and accuracy and also includes classifications according to the Cowardin system. This LWI is expected to replace the NWI maps and be incorporated into the statewide wetlands inventory once it is approved by the City of Corvallis and DSL.

Cowardin classes identified within the study area are discussed briefly as follows:

- Emergent Wetland (PEM) -These wetlands have rooted herbaceous vegetation, which stand erect above the water or ground surface.
- Emergent Wetland, farmed (PEMf) -These wetlands have rooted herbaceous vegetation; the soil surface has been mechanically or physically altered for the production of crops, but hydrophytes will become reestablished if farming is discontinued.
- Scrub-shrub Wetland (PSS) - Wetlands dominated by shrubs and tree saplings that are less than 20 feet high.
- Forested Wetland (PFO) - Wetlands dominated by trees that are greater than 20 feet high.
- Open Water (POW) - A wetland class consisting of areas of open water greater than 6.6 feet deep.

Cowardin classes were assigned to the 121 separate wetland units mapped during the inventory. The most common Cowardin class is palustrine emergent, farmed (PEMf), which accounts for 65 percent of all of the wetlands. These areas are farmed fields, which are typically seeded with a grass crop, but which contain hydric soils and wetland hydrology.

Palustrine emergent (PEM) wetlands account for 16 percent, palustrine forested (PFO) account for 10 percent and palustrine scrub shrub (PSS) account for 8 percent of the Cowardin classes identified within the study area. Small areas (<0.01 percent) of wetlands were palustrine open water (POW). These were typically excavated ponds. Most of the forested wetlands are dominated by Oregon ash, and the scrub shrub wetlands by various willow species. Forested and scrub shrub wetlands are usually associated with the many creeks and waterways that flow through the study area, including Oak Creek, Squaw Creek, Jackson and Frazier Creeks, Dixon Creek, Sequoia Creek, and the Marys River.

Table 5 is a summary of wetland classifications for the Corvallis LWI study area. Table 6 is a list of all of the wetlands and their individual Cowardin classifications.

Table 5. Wetland Classifications

Wetland Classification		Total Area	Percent
PEMf	Palustrine emergent farmed	1,692.33	66%
PEM	Palustrine emergent	422.93	16%
PFO	Palustrine forested	260.81	10%
PSS	Palustrine scrub shrub	208.70	8%
POW	Palustrine open water	7.85	>0.01%

Table 6. List of Wetlands and Individual Cowardin Classifications

Wetland Code	USFWS Wetland Classification					Total Acreage
	PFO	PSS	PEM	PEMf	POW	
N-FRA-W-1			7.33			7.33
N-FRA-W-2			0.60			0.60
N-FRA-W-3	3.17	6.33	22.17	31.66		63.33
N-FRA-W-4	0.46		0.23	1.62		2.31
N-GAR-W-1	26.67	3.14	1.57			31.38
N-GAR-W-2	0.70	2.11	0.70			3.51
N-GAR-W-3	0.48	0.48			3.86	4.81
N-GAR-W-4			1.32			1.32
N-GAR-W-5				6.75		6.75
N-JAC-W-1		5.17				5.17
N-JAC-W-2			0.52	0.79		1.31
N-JAC-W-3				2.15		2.15
N-JAC-W-4	46.85	23.43	23.44	140.56		234.28
N-LEW-W-1	7.03	5.27	3.51	19.33		35.14
N-LEW-W-2			4.95	19.79		24.73
N-NOR-W-1	6.03			24.13		30.16
N-SEQ-M70-1		2.20	8.80			11.00
N-SEQ-W-2	0.10		0.86			0.96
N-SEQ-W-3			0.70			0.70
N-SEQ-W-4			0.52			0.52
N-SEQ-W-5	0.70	2.81	3.52			7.03
N-VIL-M70-1	0.31	0.10	1.63			2.04
N-VIL-W-2		0.34	3.07			3.41
N-VIL-W-3			12.83			12.83
S-DRY-W-1				10.88		10.88
S-DRY-W-2				72.05		72.05
S-DRY-W-3				2.40		2.40
S-DRY-W-4				125.02		125.02

Wetland Code	USFWS Wetland Classification					Total Acreage
	PFO	PSS	PEM	PEMf	POW	
S-DRY-W-5		0.39	1.54			1.93
S-DRY-W-6	3.57					3.57
S-DRY-W-7				2.98		2.98
S-DRY-W-8				3.12		3.12
S-GOO-W-1			5.89			5.89
S-GOO-W-2		1.04	2.61	49.03		52.68
S-GOO-W-3			1.27			1.27
S-GOO-W-4		0.35	2.00			2.35
S-GOO-W-5		0.27	2.40			2.67
S-GOO-W-6	1.38	0.21	0.53			2.12
S-MAR-W-1				211.51		211.51
S-MAR-W-2				400.41		400.41
S-MAR-W-3				73.40		73.40
S-MAR-W-4		0.04	0.75			0.79
S-MAR-W-5			8.70			8.70
S-MAR-W-6			4.25			4.25
S-MAR-W-7	0.43			26.48		26.91
S-MAR-W-8		1.71	15.36			17.07
S-MAR-W-9			1.58			1.58
S-MAR-M50-10	1.30	1.32				2.62
S-MAR-W-11	5.31	0.76	1.52			7.59
S-MAR-W-12	0.22	0.66	0.58			1.46
S-MAR-W-13		1.89				1.89
S-MAR-W-14	7.90	4.31	0.72		1.44	14.37
S-MAR-W-15			10.50			10.50
S-MAR-W-16				154.37		154.37
WC-MAR-W-16			2.03			2.03
WC-MAR-W-17		0.09	0.77			0.86
WC-MAR-W-18			3.17			3.17
WC-MAR-W-19			1.84			1.84
S-MIL-W-1		0.30	1.70			2.00
S-RYA-W-1					1.85	1.85
S-RYA-W-2			0.57			0.57
S-WIL-W-1			1.44			1.44
S-WIL-W-2	0.86					0.86
S-WIL-W-3		0.09	0.78			0.87
S-WIL-W-4		0.50		9.41		9.91
S-WIL-W-5				36.65		36.65
S-WIL-W-6		0.10	0.91			1.01
S-WIL-W-7	6.97	0.96	1.93			9.85

Wetland Code	USFWS Wetland Classification					Total Acreage
	PFO	PSS	PEM	PEMf	POW	
S-WIL-W-8			1.42			1.42
S-WIL-W-9	3.05	0.57	1.06			4.68
WC-DIX-W-1		12.37	8.42			20.79
WC-DIX-W-2			6.85			6.85
WC-DIX-W-4		2.07	1.38			3.45
WC-DIX-W-5	1.24					1.24
WC-DIX-W-6			1.33			1.33
WC-OAK-W-1			4.60			4.60
WC-OAK-W-2			1.59			1.59
WC-OAK-W-3				16.38		16.38
WC-OAK-W-4			0.76			0.76
WC-OAK-W-5	0.97		0.96			1.93
WC-OAK-W-6	0.36	0.55	0.90			1.81
WC-OAK-W-7				3.60		3.60
WC-OAK-W-8			2.98	11.94		14.92
WC-OAK-W-9			7.85			7.85
WC-OAK-W-10	6.41	19.24	6.41			32.06
WC-OAK-W-11	3.58		4.02	1.34		8.94
WC-OAK-W-12				4.35		4.35
WC-OAK-W-13		16.28	8.78			25.06
WC-OAK-M80-14	15.04	4.30	7.09	16.54		42.97
WC-OAK-M80-15	0.11		2.18			2.29
WC-OAK-W-16	1.13	0.50	0.88			2.51
WC-OAK-M90-17			12.50	112.50		125.00
WC-OAK-W-18			4.19			4.19
WC-OAK-W-19		0.21	0.88			1.09
WC-OAK-W-20		0.39	3.54			3.93
WC-OAK-W-21	0.18	0.18	0.86			1.22
WC-OAK-W-22			0.72			0.72
WC-OAK-W-23	1.17	0.26	0.25			1.67
WC-OAK-W-24	11.09	3.70	9.86			24.65
WC-OAK-W-25	1.71	1.22	1.95			4.88
WC-OAK-M75-26			1.68			1.68
WC-OAK-W-27		0.10	0.89			0.99
WC-OAK-W-28			4.23	9.15	0.70	14.08
WC-OAK-W-29	0.76	0.76	6.03			7.55
WC-OAK-W-30		0.72	4.09			4.81
WC-SQU-W-1			4.78			4.78
WC-SQU-M60-2	17.21	2.30	3.43			22.94

Wetland Code	USFWS Wetland Classification					Total Acreage
	PFO	PSS	PEM	PEMf	POW	
WC-SQU-W-3	6.71		2.24			8.95
WC-SQU-W-4	2.93	2.93	3.92			9.78
WC-SQU-W-5		4.49	4.49			8.98
WC-SQU-W-6	2.59	0.87	0.87			4.33
WC-SQU-W-7			1.48	8.42		9.90
WC-SQU-W-8	36.74	45.92	55.40	31.26		169.32
WC-SQU-W-9				2.22		2.22
WC-SQU-W-10				1.47		1.47
WC-SQU-W-11	13.63	8.18	4.09	1.35		27.26
WC-SQU-W-12			4.39			4.39
WC-SQU-W-13	13.76	13.76	41.26			68.78
WC-SQU-W-14		0.49	0.74			1.23
WC-SQU-W-15		0.12	1.10			1.22
WC-SQU-W-16				47.32		47.32
Total	**260.81**	**208.85**	**422.93**	**1692.33**	**7.85**	**2592.74**

Hydrogeomorphic (HGM) method

In addition to the Cowardin classification, the LWI includes wetland classification based upon a wetland's hydrogeomorphic characteristics; namely dominant water source and setting in the landscape. The HGM classes for each wetland are noted on page four of the data sheets for each individual wetland (see appendices). Select HGM classes and subclasses identified in the Corvallis area are as follows (Adamus, 2001):

Depressional class. Fed mainly by overland runoff, which enters from 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.

Oregon Freshwater Wetland Assessment Results

Wetland Quality Assessment

An assessment of quality for each of the wetlands identified through the inventory was conducted using OFWAM (Roth et al, April 1996).

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 7 is a key to the numbers assigned to the assessment criteria for each of the functions and conditions. A number 3 was assigned to wetlands receiving the highest function or condition result (e.g., intact, diverse), a number 1 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 8 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 9 provides a summary by function and condition. Most of the wetlands (110 of 121, or 91 percent) provided habitat for some wildlife species, with only 11 percent providing diverse wildlife habitat. This is likely due to urban encroachment and agricultural impacts that have disturbed much of the native vegetation and reduced the complexity and, therefore, the diversity of habitat within the wetlands.

Most of the wetlands (61 percent) were not associated with streams and, therefore, were not assessed for their ability to provide fish habitat. The majority of those that were assessed had their fish habitat impacted or degraded (74 percent). Only 12 wetlands had intact fish habitat. The majority of the wetlands (82 percent) also had their water quality function impacted or degraded. Ninety-three (84 percent) of the wetlands also had hydrologic control impacted or degraded. This is likely due to the fact that a majority of the wetlands are located in areas highly influenced by agricultural activities. Typical farming practices alter hydrology through draining, tiling, and filling of low areas, which changes the natural hydrology of wetlands.

The fact that many of the wetlands are within urban areas or are already disturbed accounted for the fact that 95 percent of the wetlands are potentially sensitive to impacts. The large number of wetlands in privately owned agricultural areas likely accounts for the fact that only 15 wetlands provide educational uses and that 83 percent are not appropriate for educational uses. Only 20 wetlands provide recreational opportunities, with another 25 offering the potential for recreation. Nearly half of the wetlands (45 percent) are considered aesthetically pleasing.

Table 7. Key to the *OFWAM* Ranking

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

Table 8. *OFWAM* Ranking Results

Wetland Code	Wildlife Habitat	Fish Habitat	Water Quality	Hydrologic Control	Sensitivity to Impact	Enhancement Potential	Education	Recreation	Aesthetic Quality	Size (acres)
N-FRA-W-1	2	n/a	2	2	2	2	1	1	3	7.33
N-FRA-W-2	2	n/a	2	2	2	2	1	1	3	0.60
N-FRA-W-3	2	n/a	2	2	2	2	1	1	3	63.33
N-FRA-W-4	2	2	2	2	2	2	1	1	2	2.31
N-GAR-W-1	2	2	3	3	2	3	2	2	3	31.38
N-GAR-W-2	2	n/a	3	3	2	3	2	2	2	3.51
N-GAR-W-3	2	3	3	3	2	3	1	1	3	4.81
N-GAR-W-4	2	n/a	2	2	2	2	1	1	1	1.32
N-GAR-W-5	2	n/a	2	3	2	3	1	1	3	6.75
N-JAC-W-1	3	2	2	2	2	n/a	1	1	3	5.17
N-JAC-W-2	2	n/a	2	2	2	2	1	1	3	1.31
N-JAC-W-3	2	n/a	2	2	2	2	1	1	3	2.15
N-JAC-W-4	2	3	2	2	2	2	1	1	3	234.28
N-LEW-W-1	2	2	2	2	2	2	1	1	3	35.14
N-LEW-W-2	2	n/a	2	2	2	2	1	1	2	24.73
N-NOR-W-1	2	2	2	2	2	2	1	1	3	30.16
N-SEQ-M70-1	2	n/a	2	2	2	2	1	1	3	11.00
N-SEQ-W-2	2	2	3	2	2	3	1	1	3	0.96
N-SEQ-W-3	2	n/a	2	2	2	2	1	1	1	0.70
N-SEQ-W-4	2	n/a	2	2	2	2	1	1	1	0.52
N-SEQ-W-5	2	2	2	3	2	3	1	1	3	7.03
N-VIL-M70-1	2	n/a	2	2	2	2	3	3	3	2.04
N-VIL-W-2	2	n/a	3	2	2	2	3	2	2	3.41
N-VIL-W-3	2	n/a	2	2	2	2	1	1	3	12.83
S-DRY-W-1	2	n/a	2	2	2	2	1	1	1	10.88

Wetland Code	Wildlife Habitat	Fish Habitat	Water Quality	Hydrologic Control	Sensitivity to Impact	Enhancement Potential	Education	Recreation	Aesthetic Quality	Size (acres)
S-DRY-W-2	2	n/a	2	2	2	2	2	1	2	72.05
S-DRY-W-3	2	n/a	2	2	2	2	1	1	1	2.40
S-DRY-W-4	2	n/a	2	2	2	2	1	1	1	125.02
S-DRY-W-5	2	n/a	2	2	2	2	1	1	2	1.93
S-DRY-W-6	2	2	3	3	2	3	1	1	2	3.57
S-DRY-W-7	2	n/a	2	2	2	3	1	1	3	2.98
S-DRY-W-8	2	n/a	2	2	2	3	1	1	3	3.12
S-GOO-W-1	2	n/a	3	3	2	2	1	3	2	5.89
S-GOO-W-2	2	n/a	2	2	2	3	1	1	1	52.68
S-GOO-W-3	2	n/a	2	2	2	3	1	2	1	1.27
S-GOO-W-4	2	n/a	2	2	2	3	1	1	2	2.35
S-GOO-W-5	2	n/a	2	2	2	2	1	1	2	2.67
S-GOO-W-6	2	n/a	3	3	3	3	3	3	3	2.12
S-MAR-W-1	2	n/a	2	2	2	2	1	1	1	211.51
S-MAR-W-2	2	n/a	2	2	2	2	1	1	2	400.41
S-MAR-W-3	2	n/a	2	2	2	2	1	1	2	73.40
S-MAR-W-4	2	n/a	2	2	2	3	1	1	2	0.79
S-MAR-W-5	2	n/a	2	2	2	2	1	1	2	8.70
S-MAR-W-6	2	n/a	2	2	2	3	1	2	1	4.25
S-MAR-W-7	2	n/a	2	2	2	3	1	1	2	26.48
S-MAR-W-8	2	n/a	2	2	2	2	1	1	3	17.07
S-MAR-W-9	2	n/a	2	2	2	1	1	1	3	1.58
S-MAR-M50-10	2	n/a	2	2	2	3	1	3	2	2.62
S-MAR-W-11	2	2	2	3	2	3	1	2	3	7.59
S-MAR-W-12	2	2	3	2	2	3	1	1	3	1.46
S-MAR-W-13	3	2	3	3	2	n/a	1	2	3	1.89

Wetland Code	Wildlife Habitat	Fish Habitat	Water Quality	Hydrologic Control	Sensitivity to Impact	Enhancement Potential	Education	Recreation	Aesthetic Quality	Size (acres)
S-MAR-W-14	2	2	3	3	3	3	3	2	3	14.37
S-MAR-W-15	2	2	2	2	2	3	3	2	3	10.50
S-MAR-W-16	2	n/a	2	2	2	2	1	1	2	154.37
WC-MAR-W-16	2	n/a	2	2	3	2	1	1	2	2.03
WC-MAR-W-17	2	n/a	2	2	2	2	1	2	2	0.86
WC-MAR-W-18	2	n/a	2	2	2	2	1	1	2	3.17
WC-MAR-W-19	2	n/a	2	3	2	2	2	2	2	1.84
S-MIL-W-1	2	n/a	2	2	2	2	1	1	2	2.00
S-RYA-W-1	2	2	2	3	2	3	1	1	1	1.85
S-RYA-W-2	2	n/a	2	1	2	2	1	2	1	0.57
S-WIL-W-1	2	n/a	2	2	2	2	1	1	2	1.44
S-WIL-W-2	3	3	3	3	2	n/a	1	2	3	0.86
S-WIL-W-3	2	n/a	2	2	2	2	1	1	2	0.87
S-WIL-W-4	2	n/a	2	2	2	3	1	1	2	9.91
S-WIL-W-5	2	n/a	2	2	3	2	1	1	2	36.65
S-WIL-W-6	2	2	3	3	2	2	1	2	2	1.01
S-WIL-W-7	2	2	3	3	2	3	2	2	3	9.85
S-WIL-W-8	2	n/a	1	2	2	1	3	2	1	1.42
S-WIL-W-9	3	2	3	3	2	n/a	3	3	3	4.68
WC-DIX-W-1	2	3	2	2	2	3	3	3	2	20.79
WC-DIX-W-2	2	n/a	2	2	2	3	1	1	1	6.85
WC-DIX-W-4	2	2	2	3	2	3	3	3	2	3.45
WC-DIX-W-5	2	n/a	2	2	2	3	1	1	3	1.24
WC-DIX-W-6	2	n/a	2	2	2	3	1	1	3	1.33
WC-OAK-W-1	2	n/a	2	2	2	2	2	2	3	4.60
WC-OAK-W-2	2	n/a	2	2	2	2	2	1	3	1.59

Wetland Code	Wildlife Habitat	Fish Habitat	Water Quality	Hydrologic Control	Sensitivity to Impact	Enhancement Potential	Education	Recreation	Aesthetic Quality	Size (acres)
WC-OAK-W-3	2	2	2	2	2	2	1	1	3	16.38
WC-OAK-W-4	2	2	2	2	2	3	2	1	3	0.76
WC-OAK-W-5	3	n/a	2	2	2	n/a	2	1	2	1.93
WC-OAK-W-6	2	3	3	2	2	3	2	2	3	1.81
WC-OAK-W-7	2	n/a	2	2	2	3	2	2	3	3.60
WC-OAK-W-8	2	n/a	3	2	2	2	2	3	3	14.92
WC-OAK-W-9	2	n/a	2	2	2	3	1	1	3	7.85
WC-OAK-W-10	3	n/a	2	2	2	n/a	2	3	3	32.06
WC-OAK-W-11	2	2	3	2	1	3	2	1	3	8.94
WC-OAK-W-12	2	2	3	2	1	3	2	1	3	4.35
WC-OAK-W-13	3	2	2	2	2	n/a	1	3	3	25.06
WC-OAK-M80-14	2	2	3	3	2	3	2	2	3	42.97
WC-OAK-M80-15	2	n/a	2	2	2	3	2	2	3	2.29
WC-OAK-W-16	3	2	2	2	2	n/a	2	2	3	2.51
WC-OAK-M90-17	2	2	2	2	2	2	1	1	3	125.00
WC-OAK-W-18	2	n/a	2	1	1	2	2	1	3	4.19
WC-OAK-W-19	2	n/a	2	1	1	3	1	1	3	1.09
WC-OAK-W-20	2	n/a	2	2	2	3	2	2	3	3.93
WC-OAK-W-21	2	n/a	3	2	2	3	1	3	3	1.22
WC-OAK-W-22	2	n/a	3	2	2	2	3	3	3	0.72
WC-OAK-W-23	2	n/a	2	2	2	3	1	1	1	1.67
WC-OAK-W-24	3	2	2	2	2	n/a	3	3	3	24.65
WC-OAK-W-25	3	n/a	2	2	2	n/a	1	1	3	4.88
WC-OAK-M75-26	2	n/a	2	2	2	3	1	1	3	1.68
WC-OAK-W-27	2	n/a	3	2	2	2	1	1	3	0.99
WC-OAK-W-28	2	2	2	2	2	2	1	1	3	14.08

Wetland Code	Wildlife Habitat	Fish Habitat	Water Quality	Hydrologic Control	Sensitivity to Impact	Enhancement Potential	Education	Recreation	Aesthetic Quality	Size (acres)
WC-OAK-W-29	2	3	2	2	1	3	2	3	3	7.55
WC-OAK-W-30	2	2	3	2	2	2	1	1	3	4.81
WC-SQU-W-1	2	2	3	2	2	2	2	1	3	4.78
WC-SQU-M60-2	2	3	2	3	2	3	3	3	3	22.94
WC-SQU-W-3	2	3	2	3	2	3	3	3	2	8.95
WC-SQU-W-4	2	3	3	3	2	3	3	2	1	9.78
WC-SQU-W-5	2	2	3	2	2	2	2	1	1	8.98
WC-SQU-W-6	2	3	3	3	2	3	2	3	1	4.33
WC-SQU-W-7	2	n/a	2	2	2	2	1	1	3	9.90
WC-SQU-W-8	3	3	3	3	2	n/a	1	3	3	169.32
WC-SQU-W-9	2	n/a	2	2	2	2	1	1	3	2.22
WC-SQU-W-10	2	n/a	2	2	2	2	1	1	3	1.47
WC-SQU-W-11	3	3	3	3	2	n/a	1	1	3	27.26
WC-SQU-W-12	2	2	2	2	2	3	1	1	2	4.39
WC-SQU-W-13	3	2	3	2	2	n/a	1	1	2	68.78
WC-SQU-W-14	2	n/a	2	2	2	2	1	1	2	1.23
WC-SQU-W-15	2	2	2	2	2	3	1	3	3	1.22
WC-SQU-W-16	2	n/a	2	2	1	2	1	1	3	47.32

Table 9. Summary of OFWAM Results

Summary of Results										
Number of wetlands within each category										
	Wildlife Habitat	**Fish Habitat**	**Water Quality**	**Hydrologic Control**	**Sensitivity to Impact**	**Enhancement Potential**	**Education**	**Recreation**	**Aesthetic Quality**	
1 (Low)	0	0	1	3	6	2	81	76	18	
2 (Med)	108	33	89	93	111	58	25	25	34	
n/a	0	75	0	0	0	11	0	0	0	
3 (High)	13	12	31	25	4	50	15	20	69	
Percentage of wetlands within each category										
1 (Low)	0%	0%	<1%	2%	5%	2%	67%	62%	167%	
2 (Med)	89%	74%	73%	76%	92%	52%	20%	21%	28%	
n/a	-	-	-	-	-	-	-	-	-	
3 (High)	11%	26%	27%	21%	3%	46%	12%	16%	57%	
Number assessed in each category	121	45	121	121	121	110	121	121	121	

Significant Wetlands Determination

Applying Significant Wetland Criteria to the LWI Study Area

Of the 121 wetlands identified in the inventory, 63 (or 52 percent) were found to satisfy the locally significant wetlands (LSW) criteria. These significant wetlands cover approximately 1,269 acres and have an average size of approximately 20.1 acres. The 58 wetlands that did not satisfy the LSW criteria cover approximately 1,323 acres and have an average size of approximately 22.8 acres.

The LSW criteria do not rely on the size of the wetland to determine whether a wetland is significant. Consequently, many of the larger wetlands surrounding the airport in South Corvallis, in the industrially zoned land to the north of the airport, and those in the agricultural areas near Oak Creek and Squaw Creek are not considered significant. Although these wetlands provide valuable functions, such as seasonal habitat for birds, many functions are impacted by on-going agricultural activity and past clearing of trees and shrubs. Consequently, many of the functions assessed by OFWAM are impacted or degraded.

The highest quality wetlands were generally associated with forested or scrub shrub wetlands that provide water quality or hydrologic control. Due to the complexity and vegetative structure, many of these wetlands provide diverse wildlife habitat. Other wetlands met the mandatory criteria for significance due to their proximity (1/4 mile) to a 303(d) listed stream (i.e. Marys River, Willamette River), or a direct surface water connection to an ODFW mapped Essential Salmonid Habitat stream (Oak Creek, Marys River, Mill Race, lower Booneville Channel and Willamette River). Frazier Creek is Essential Salmonid Habitat in its lower reaches outside the UGB.

Table 10 is a list of all of the wetlands determined to be significant within the Corvallis LWI study area.

The break down of locally significant wetlands compared to total number of wetlands identified by project area are as follows:

North – 12 of 24 (50%)
West Central – 29 of 55 wetlands (53%)
South – 22 of 42 (52%)

The criteria for significance and the number of wetlands that qualified for each of the criteria are identified in Table 11.

Table 10. Locally Significant Wetlands in the Corvallis LWI Study Area

North	West-Central	South
N-SEQ-M70-1	WC-DIX-W-1	S-DRY-W-6
N-SEQ-W-2	WC-DIX-W-4	S-MAR-W-3
N-SEQ-W-5	WC-MAR-W-19	S-MAR-W-5
N-JAC-W-1	WC-OAK-W-4	S-MAR-W-8
N-JAC-W-4	WC-OAK-W-5	S-MAR-W-9
N-VIL-M70-1	WC-OAK-W-6	S-MAR-M50-10
N-VIL-W-2	WC-OAK-W-8	S-MAR-W-11
N-VIL-W-3	WC-OAK-W-10	S-MAR-W-12
N-GAR-W-1	WC-OAK-W-11	S-MAR-W-13
N-GAR-W-2	WC-OAK-W-12	S-MAR-W-14
N-GAR-W-3	WC-OAK-W-13	S-MAR-W-15
N-GAR-W-5	WC-OAK-M80-14	S-MAR-W-16
	WC-OAK-W-16	S-GOO-W-1
	WC-OAK-W-21	S-GOO-W-2
	WC-OAK-W-22	S-GOO-W-6
	WC-OAK-W-24	S-MIL-W-1
	WC-OAK-W-25	S-RYA-W-1
	WC-OAK-W-27	S-WIL-W-2
	WC-OAK-W-29	S-WIL-W-5
	WC-OAK-W-30	S-WIL-W-6
	WC-SQU-W-1	S-WIL-W-7
	WC-SQU-M60-2	S-WIL-W-9
	WC-SQU-W-3	
	WC-SQU-W-4	
	WC-SQU-W-5	
	WC-SQU-W-6	
	WC-SQU-W-8	
	WC-SQU-W-11	
	WC-SQU-W-13	

Table 11. Criteria for Locally Significant Wetlands

	West	South	North	Total
Mandatory Criteria				
Provides diverse wildlife habitat	9	3	1	13
Fish habitat function intact	9	1	2	12
Water quality function intact	16	10	5	31
Hydrologic control function intact	9	11	5	25
Less than 1/4 mile from a water quality limited water body & WQ function present	2	18	2	22
Contains a rare plant community	5	1	2	8
Inhabited by sensitive, threatened, or endangered species	7	1	2	10
Connected to ODFW designated essential salmonid habitat	5	6	2	13
Optional Criteria				
Locally unique native plant community	2	0	2	4
Public land used by school & provides educational uses	0	0	0	0

A majority (65%) of the locally significant wetlands satisfied more than one of the above criteria. Nearly 20 percent satisfied four or more criteria. S-MAR-W-13 and N-GAR-W-1 satisfied five criteria; WC-SQU-W-8 satisfied six; and S-WIL-W-2 satisfied all of the mandatory criteria, except the presence of a rare plant community, for a total of seven.

Table 9 indicates the condition of wetlands within Corvallis. As summarized in Table 11, of the 121 wetlands, only 13 provide diverse wildlife habitat and only 12 have intact fish habitat. Just 32 (27%) provide a non-impacted water quality function, while 26 (21%) provide a hydrologic control function. Of the 22 wetlands within one-quarter mile of a water quality limited water body, either the Marys River or the Willamette River, 18 are located in South Corvallis. Eight of these 18 wetlands in South Corvallis were identified as locally significant solely due to the proximity to these two water bodies.

Of the wetlands identified as locally significant under the optional criteria, only wetland N-VIL-W-3 was not identified as locally significant under one of the mandatory criteria. N-VIL-W-3 is a City property west of Conser Street that is identified as having educational uses, and is currently used by students from Cheldelin Middle School.

Wetlands of Special Interest for Protection

Twelve of the wetlands were determined to be of Special Interest for Protection, but four of those are not locally significant. Each contained either mitigation sites or provided known habitat for a rare, threatened, or endangered species. Based on a review of the Oregon Natural Heritage Information Center database, several wetlands may contain habitat for either Bradshaw's lomatium (*Lomatium bradshawii*) or Nelson's checkermallow (*Sidalcea nelsoniana*). Bradshaw's lomatium is a federal and state listed endangered species. Nelson's checkermallow is a federal and state listed threatened species.

Table 12. Wetlands of Special Interest for Protection

WC-SQU-W-3	WC-OAK-W-24	N-GAR-W-1
WC-SQU-W-4	WC-OAK-W-29	N-VIL-W-2
WC-SQU-W-13	WC-OAK-W-30	S-MAR-W-5
WC-OAK-M80-14	WC-OAK-W-10	S-WIL-W-2

Wetland Restoration Potential

Many of the wetlands in the Corvallis area have degraded functions. This is often due to the land use practices such as farming and grazing. Historically this area contained extensive areas of native wet prairie; however, very little of this remains in the UGB. In addition there are very few (8 percent) scrub shrub wetlands within the study area with the majority occurring in the Jackson and Frazier basins.

A wetland enhancement project on OSU land near the Irish Bend Bridge consisted of shallow excavation within a grassy area and the establishment of more native wet prairie species. This also occurred on a mitigation site near the Jackson Frazier wetland. These areas could serve as models for future wetland restoration and enhancement projects.

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Wetland Environment Technologies, Inc. March 1997. Local Wetlands Inventory for Jackson-Frazier Basin. Prepared for the City of Corvallis.

Appendix A. Table of Previously Approved Delineations

The previously approved wetland delineations within the Corvallis UGB were reviewed as background information in the development of this Local Wetland Inventory.

Wetland Code	DSL Determination Number
N-FRA-W-3	WD# 97-0528
N-GAR-W-1	WD#'s 97-0381, 95-0264
N-GAR-W-2	WD# 98-0315
N-GAR-W-4	WD# 93-0024
N-JAC-W-1	WD#'s 97-0026, 96-0098, 97-0018
N-JAC-W-4	WD#'s 98-0234, 90-0113
N-SEQ-M70-1	WD#'s 98-0520, 97-0382
N-SEQ-W-2	WD# 96-0001
N-SEQ-W-3	WD# 99-0339
N-SEQ-W-5	WD#'s 96-0003, 95-0290
N-VIL-M70-1	WD#'s 94-0187, 91-0115
N-VIL-W-2	WD# 97-0382
N-VIL-W-3	WD#'s 98-0520, 91-0028
S-DRY-W-1	WD# 02-0591
S-DRY-W-2	WD# 02-0591
S-DRY-W-3	WD# 02-0591
S-DRY-W-4	WD# 02-0591
S-DRY-W-5	WD# 02-0591
S-GOO-W-4	WD# 93-0305
S-GOO-W-5	WD# 96-0396
S-GOO-W-6	WD# 97-0167
S-MAR-W-1	WD# 02-0591
S-MAR-W-14	WD#'s 98-0282, 95-0059
S-MAR-W-15	WD# 95-0059
S-MAR-W-16	WD# 91-0080
S-MAR-W-2	WD# 03-0047
S-MAR-W-3	WD# 91-0080
S-MAR-W-5	WD# 96-0280
S-MAR-W-6	WD# 90-0114
S-MAR-W-7	WD# 97-0503
S-MIL-W-1	WD#'s 96-0475, 96-0033
S-RYA-W-1	WD# 95-0159
S-WIL-W-9	WD# 97-0167
WC-DIX-W-1	WD#'s 00-0131, 92-0092, 00-0391, 99-0233
WC-DIX-W-2	WD#'s 02-0533, 99-0233
WC-DIX-W-4	WD#'s 01-0171, 99-0283
WC-DIX-W-5	WD#'s 01-0171, 00-0619
WC-DIX-W-6	WD# 93-0188

Wetland Code	DSL Determination Number
WC-MAR-W-18	WD# 01-0633
WC-OAK-M80-14	WD# 96-0633
WC-OAK-M80-15	WD# 96-0633
WC-OAK-W-13	WD# 99-0556
WC-OAK-W-21	WD# 98-0326
WC-OAK-W-24	WD#'s 95-0101, 91-0095, 95-0060
WC-OAK-W-3	WD# 00-0601
WC-OAK-W-4	WD# 99-0528
WC-SQU-M60-2	WD#'s 95-0346, 91-0141, 94-0111, 94-0325, 95-0105
WC-SQU-W-10	WD# 02-0596
WC-SQU-W-14	WD# 97-0377
WC-SQU-W-3	WD#'s 94-0384, 94-0325
WC-SQU-W-4	WD# 95-0257
WC-SQU-W-8	WD# 98-0154
PW (map N_2)	WD# 91-0136
PW (map S_4)	WD# 98-0179
PW (map W_4)	WD#'s 02-0366, 98-0235
PW (map W_4)	WD# 99-0562
PW (map W_11)	WD# 99-0151
PW (map W_16)	WD# 02-0136

Appendix B. Wetland Site Tax Lot Identification Numbers

WETLAND ID	TAX LOT
N-FRA-W-1	11513BA01100, 11513BA01300
N-FRA-W-2	11511C000800
N-FRA-W-3	11511C000100, 11511C000200, 11511C000300, 11511C000500, 11511C001101, 11511C001190, 11511C001300, 11511C001900, 11511C002100, 11511C002200, 11514B000100, 11515A000100
N-FRA-W-4	11510D001600, 11511C001400, 11511C001600, 11511C002200
N-GAR-W-1	115250001202, 115260000500, 115260000600
N-GAR-W-2	Not Available
N-GAR-W-3	115250001202
N-GAR-W-4	Not Available
N-GAR-W-5	Not Available
N-JAC-W-1	11515D001200
N-JAC-W-2	11514B000400
N-JAC-W-3	115140000100
N-JAC-W-4	11513B000100, 11513B000200, 11513BA01800, 115140000100, 11514A000100, 11514A000101, 11514A000104, 11514A000200, 11514A000300, 11514A000500, 11514A000501, 11514A000600, 11514A000713, 11514AC01600, 11514AC01900, 11514AC02000, 11514AC02700, 11514D000300, 11514D000500, 11514D001000
N-LEW-W-1	11511A000400, 11512BA00300, 11512BA00600, 11512BB00300, 11512BB00301, 11512BC00100, 11512BC00200, 11512BC00400, 11512BC00401, 11512BC00500, 11512BD00100, 11512BD00200
N-LEW-W-2	Not Available
N-NOR-W-1	11523A000200X1, 11523AA00200
N-SEQ-M70-1	11524DC00200, 11524DC00201, 11524DC00300, 11524DC00400, 11524DC00500, 11524DC00600, 11524DC00700, 11524DC00800, 11524DC01000, 11524DC01100, 11524DC01200, 11524DC01300, 11524DC01600, 11524DC01700, 11524DC01800, 11524DC01900, 11524DC02000, 11524DC02200, 11524DC02300, 11524DC02400, 11524DC02500, 11524DC02600, 11524DC02700, 11524DC02800, 11524DC02900, 11524DC03000, 11524DC03100, 11524DC03200, 11524DC03300, 11524DC03400, 11524DC03500, 11524DC03600, 11524DC03700, 11524DC07800

WETLAND ID	TAX LOT
N-SEQ-W-2	115230001900, 115230002100
N-SEQ-W-3	11523A000200X1
N-SEQ-W-4	11526AC00500, 11526AC00600, 11526AC00700
N-SEQ-W-5	11525B000201, 11525B000300, 11525B000400, 11525B000500, 11525B000600, 11525B000601, 11525B002400
N-VIL-M70-1	11524B000500, 11524B000900, 11524B001000
N-VIL-W-2	11524B000300, 11524B000400
N-VIL-W-3	11524DA00600, 11524DA00800, 11524DC00100, 11524DC00101, 11524DC03800, 11524DC03900
S-DRY-W-1	125220000300
S-DRY-W-2	125220000300
S-DRY-W-3	125220000300, 125220001100
S-DRY-W-4	125220000300, 125220000306
S-DRY-W-5	125220000300
S-DRY-W-6	125270000101, 125270000103, 125270000104
S-DRY-W-7	125220000400, 125220000500, 125220000501, 125270000101
S-DRY-W-8	12523CC00400, 12523CC00500, 12523CC00600
S-GOO-W-1	12514AB00100, 12514AB00200
S-GOO-W-2	125140000500. 12514A000100, 12514A000900, 12514BD00100, 12514BD00101, 12514BD01000
S-GOO-W-3	12514A000600
S-GOO-W-4	125110000300, 12511DA00400, 12511DA00401, 12511DA00500, 12511DA00501, 12511DA00600
S-GOO-W-5	12511CA00300, 12511CA00501, 12511CA01403
S-GOO-W-6	125110000300
S-MAR-W-1	125220000300, 125280000200, 125280000500
S-MAR-W-2	125140000800, 12514BC02100, 12514CC00100, 12514CC00200, 12514CC00300, 12514CC00400, 12514CC00500, 12514CC00600, 125220000300, 125220000400, 12523BC01000, 12523BC01400, 12523CB02100, 12523CB02200
S-MAR-W-3	125100000700, 125150000100, 125150000200, 125150000400, 125150000500, 125150000501, 125150000600
S-MAR-W-4	12523BC01600, 12523BC02300
S-MAR-W-5	12514BC00800, 12514BC00900, 12514BC01000, 12514BC01100,

WETLAND ID	TAX LOT
	12514BC01200, 12514BC01300, 12514BC01400, 12514BC01500
S-MAR-W-6	12514BA03400, 12514BA03500, 12514BA03600, 12514BA13700, 12514BA13900, 12514BA14000, 12514BA14100, 12514BA14200, 12514BA14300
S-MAR-W-7	12511CC00600, 125140000600
S-MAR-W-8	12510A000700, 12510D000500, 12510D000600
S-MAR-W-9	12510D000500
S-MAR-M50-10	12502CA00200, 12502CA00201, 12502CA00203
S-MAR-W-11	12503D000100. 12503D000190, 12503D001100, 12503D001700, 12503D001800, 12503D001900, 12503D002000
S-MAR-W-12	12503D001500, 12503D001600, 12510A000100
S-MAR-W-13	12510A000400. 12510A000500, 12510A000700, 12510A000900
S-MAR-W-14	12503C002000, 12503D001000, 12510BA00100, 12510BA00300, 12510BA00400, 12510BA00500, 12510BA00600, 12510BA00700, 12510BA00800, 12510BA00900, 12510BA01000, 12510BA01100, 12510BA01200, 12510BA01300, 12510BA01400, 12510BA01500, 12510BA01700, 12510BA01800, 12510BA01900, 12510BA02100, 12510BA05300, 12510BD00100, 12510BD00101, 12510BD00102, 12510BD00200, 12510BD00201, 12510BD00290, 12510C000500, 12510C000800, 12510C000801, 12510CC03300, 12510CC04500
S-MAR-W-15	12510C000800, 12510CC01300, 12510CC01400, 12510CC01500, 12510CC01600, 12510CC01700, 12510CC01800, 12510CC01900
S-MIL-W-1	12511BA05800, 12511BA05900, 12511BA06000, 12511BA06100, 12511BA06200, 12511BA06507, 12511BA06700, 12511BA07900, 12511BA08000, 12511BA08200
S-RYA-W-1	12502D000400
S-RYA-W-2	12511AC02600, 12511AC02601, 12511DB00500
S-WIL-W-1	12523CA00201
S-WIL-W-2	125230000200
S-WIL-W-3	12523BC02000, 12523BC02100, 12523BC02200
S-WIL-W-4	125230000300, 12523BB00200, 12523BB00300
S-WIL-W-5	125140001500
S-WIL-W-6	125110000300
S-WIL-W-7	125110000101, 125110000200, 12511A000200, 12511A000400
S-WIL-W-8	125110000101

WETLAND ID	TAX LOT
S-WIL-W-9	12502D000302, 125120000400
WC-DIX-W-1	115220000400, 115220000405, 115220000600, 115220000603, 115220000609, 11522BD00800, 11522BD00900, 11522BD04000, 11522BD04100, 11522BD04200, 11522CA00100, 11522CA00200, 11522CA00300, 11522CA01100, 11522CA01200, 11522CA01300, 11522CA01400, 11522CA01500, 11522CA01600, 11522CA01700, 11522CA01800, 11522CA01900, 11522CA02000, 11522CA02100, 11522CA06600, 11522CA06800, 11522CA06900, 11522CA07000, 11522CA07100, 11522CA07200, 11522CA07300, 11522CA07500, 11522CA07600, 11522CA07700, 11522CD00700
WC-DIX-W-2	115220000100, 115220000400, 11527AB00100
WC-DIX-W-4	115210000100, 115220000600, 11522BC02100
WC-DIX-W-5	115220000600
WC-DIX-W-6	115210000506, 11521B001200, 11521B001300, 11521B001400
WC-MAR-W-16	12509D000900, 12509D001000, 12509D001100, 12509D001200, 12509D001300
WC-MAR-W-17	12509D000300, 12509D000301
WC-MAR-W-18	12509CA00300, 12509CA01000, 12509CA01100, 12509CA01700, 12509CA01800, 12509CA01900, 12509CA02400, 12509CD00201
WC-OAK-W-1	12503B000100, 12503BD01700
WC-OAK-W-2	12503B000100
WC-OAK-W-3	12503B000300, 12503B000800, 12503B000801, 125040000100
WC-OAK-W-4	115330000300
WC-OAK-W-5	115330000300, 115330000600
WC-OAK-W-6	115330000300, 115330000500, 115330000600
WC-OAK-W-7	115330000300, 115330000600
WC-OAK-W-8	115330000300
WC-OAK-W-9	115330000300
WC-OAK-W-10	115320000200, 115320000300, 115320000400
WC-OAK-W-11	115330000300
WC-OAK-W-12	115330000300
WC-OAK-W-13	115280002300, 115330000200, 115330000900, 115330001000, 115330001100, 115330001101
WC-OAK-M80-14	115330000300, 115330001000

WETLAND ID	TAX LOT
WC-OAK-M80-15	115330000300
WC-OAK-W-16	115280001100, 115330000300
WC-OAK-M90-17	115280001100, 115290000290, 115290000300, 115290000400, 115290000500, 11529C000305, 11529C000600, 11529C000700, 11532A000100, 11532A000200, 11532A000201, 11532A000300, 11532A000700, 11532A000800, 115330000300
WC-OAK-W-18	115280001100, 115330000300
WC-OAK-W-19	115280001100
WC-OAK-W-20	115280002000, 11528D000100
WC-OAK-W-21	115280002000, 115280002000
WC-OAK-W-22	115280000801
WC-OAK-W-23	11521CB00200, 11521CB00300, 11521CB00400
WC-OAK-W-24	115200001000, 11520DC05500, 115280000800, 115280000801, 115280000900, 115290000205
WC-OAK-W-25	115200000100, 115200000105, 115200000107, 115200000109, 115200000700
WC-OAK-M75-26	115200000100, 115200000110, 115200000800
WC-OAK-W-27	115200000100
WC-OAK-W-28	11532D000100, 11532D000102, 11532D000400
WC-OAK-W-29	115320000100, 115320000400, 11532A000500
WC-OAK-W-30	115290000290, 115290000400, 115290000500, 11532A000100
WC-SQU-W-1	12503C000100
WC-SQU-M60-2	12503CB03301, 12504DA01400, 12504DB03800, 12504DB04000, 12504DB05200, 12504DD00202, 12504DD00400, 12504DD00401, 12504DD01000, 12504DD01700, 12504DD07600, 12504DD13700, 12504DD13800, 12504DD13900, 12504DD14000, 12504DD14100, 12504DD15000, 12504DD15100, 12504DD15200, 12504DD15400, 12504DD15500, 12504DD15800
WC-SQU-W-3	125040001000, 12504DC00100, 12504DC00200,12504DD07800, 12509AA01600, 12509AA01800, 12509AA01900, 12509AA02200
WC-SQU-W-4	12504CD00600, 12504CD00703, 12504CD00800, 12509BA00200
WC-SQU-W-5	12509BA00200, 12509BA04700, 12509BA04900
WC-SQU-W-6	12504CC02901, 12504CC02902, 12504CC02903, 12504CC02905, 12504CC02907, 12504CC03000, 12504CC03800, 12504CC03801
WC-SQU-W-7	125080000100, 12508AA00700

WETLAND ID	TAX LOT
WC-SQU-W-8	115320000500, 125050000200A1, 125050000202, 125050000301, 125050000302, 125050000400, 125050000402, 125050000403, 125050000600, 125050000700, 125050001201, 12505B000101, 12505B000102, 12505B000103, 12505B000200, 12505B000300, 12505B000400, 12505DA00100, 12505DA00701, 12505DA00800, 12505DB00100, 12505DB00400, 12505DB00500, 12505DC00100, 12505DC00101, 12505DC00200, 12505DC00300, 12505DC00400, 12505DD00100, 12505DD00200, 12505DD00300, 12505DD00400, 12505DD00500, 12505DD00600, 12505DD00700, 12505DD00800, 12505DD00900, 12505DD01000, , 12505DD01100, 12505DD01200, 12505DD01300, 12505DD01400, 12505DD01500, 12505DD01600, 12508BA00100, 12508BA00200, 12508BA00301, 12508BA00303, 12508BA00400, 12508BA00401, 12508BA00500, 12508BA00600, 12508BA00700
WC-SQU-W-9	12505DA00100
WC-SQU-W-10	12505AD04400
WC-SQU-W-11	125040000300, 125040000400, 12504AC00200, 12504AC00300, 12505AA02702, 12505AA02703
WC-SQU-W-12	115330000300
WC-SQU-W-13	115320000100, 115320000400, 115320000500, 115320000600, 115320000700, 11532D000500, 11532D000501L1
WC-SQU-W-14	125050001201
WC-SQU-W-15	115320000600, 115320000800, 115320000801
WC-SQU-W-16	115320000100, 115320000400, 11532D000300, 11532D000400

Appendix C. Wetland Data Sheet Forms

1. OFWAM Wetland Assessment Summary Sheet
2. OFWAM Functions and Conditions Summary Sheet
3. Locally Significant Wetlands Criteria
4. Wetland Characterization Sheet
5. Wetland Determination Data Sheet

Appendix D. Index of Wetland Determination Sheets by Wetland

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N-GAR-W-3	N-11	
N-GAR-W-4	N-10	
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N-JAC-W-2	N-5	
N-JAC-W-3	N-5	
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N-SEQ-W-5	N-11	
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Wetland	Map Sheet	Data Point
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S-MAR-W-3	S-5,S-7	
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S-MAR-W-5	S-5	
S-MAR-W-6	S-6	
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S-MAR-W-11	S-1	179
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WC-MAR-W-17	W-16	
WC-MAR-W-18	W-16	
WC-MAR-W-19	N-12	
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WC-OAK-W-22	W-3	35
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WC-OAK-W-24	W-3	36,38,39
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Wetland	Map Sheet	Data Point
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WC-SQU-W-12	W-10	
WC-SQU-W-13	W-9,W-10	
WC-SQU-W-14	W-9	
WC-SQU-W-15	W-9	
WC-SQU-W-16	W-9,W-10	135,140

Appendix F. Staff Qualifications

John van Staveren: President/Natural Resources Division; Senior Scientist; Professional Wetland Scientist

Project Role: Project Manager
Project Responsibility: Contract negotiations, monthly billing
Wetland and riparian inventory field work and assessment
Public presentations
Quality control
Regulatory agency coordination

John van Staveren has managed over 600 wetlands-related projects, including 21 local wetland inventories; conducted over 750 wetland delineations; testified at numerous public hearings; and provided expert witness testimony. He served as technical advisor to two Citizen Advisory Committees responsible for establishing criteria for the determination of significant wetlands for purposes of Goal 5 and the determination of significant natural resources for purposes of Goal 17.

John van Staveren served on two Oregon Division of State Land's Technical Advisory Committees (TACs) responsible for developing statewide policy on wetlands. These TACs are to establish statewide criteria for determining locally significant wetlands for Goal 5 and to establish a payment option for wetland mitigation. He was a Wetlands Expert team member providing analysis of the OFWAM, and was a reviewer for the latest revision to the methodology. He has conducted a riparian inventory of Dunes City, Florence, and Reedsport. He has managed dozens of Section 404 and Removal-Fill permit projects for wetland fills; designed dozens of freshwater and estuarine wetland mitigation projects; and drafted two local land use ordinances regulating development activities within natural resource areas.

Patricia Farrell: Wetland Scientist

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

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

Shawn Eisner: Wetland Scientist

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

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

Michele Eccleston: Wetland Scientist

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

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

Fred Small: Wetland Scientist, Botanist

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

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

Caroline Rim:	Wetland Scientist, Field Biologist
Project Role:	Wetland Scientist
Project Responsibility:	Wetland and Riparian inventory field work and assessment Aerial photo interpretation Report writing

Caroline Rim has a bachelors degree in biology and is a wetland scientist with experience in LWI and riparian inventory field investigations, wetland delineations, interpretation of aerial photographs, and technical report writing. She has played a major role in several LWIs.

Jane Le Blanc: Technical Editor

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

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

Tom Rodgers: AutoCAD and Arc-Info Specialist

Project Role:	Cartographer
Project Responsibility:	Mapping
	Graphics

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

Appendix E. Watershed Setting

Middle Willamette Drainage Basin

Watershed Name	Stream Flow Modified by Dams, channelization, or levees	Active Diking or Irrigation Districts Upstream	Dominant Land Use (Upstream)	Streams/Water Quality Limited	Fisheries	S T E Fish Species	Wildlife[3] Species	S T E Plant or Wildlife Species	Natural Corridor /Fish & Wildlife	Landscape Features/ Both Ends Corridor
Adams Jefferson	This is a storm-watershed with no internal creeks or drainages.									Developed
Dixon Creek	No	No	D. Forested	None	A,B,C,D[1]	Cutthroat trout, juvenile spring chinook in lower reaches	Blacktail deer		B Fish and Wildlife	B
Dry Creek	No	No	B. Urbanizing	None	Unknown	Unknown			B Fish and Wildlife	B
Fillmore	This is a storm-watershed with no internal creeks or drainages.									Developed
Frazier Creek	No	No	D. Forested	None	A,B,C,D[1]	Cutthroat trout, juvenile chinook	Blacktail deer, bobcat		A Fish and Wildlife	A
Garfield	No	No	B. Urbanizing	None	Unknown	Unknown	Blacktail deer	Northwestern pond turtle, *Sidalcea nelsonii*	B	C
Goodnight	This is a storm-watershed with no internal creeks or drainages.							*Sidalcea campestris*	B - Wildlife	B
Jackson Creek	No	No	D. Forested	None	A,B,C,D[1]	Cutthroat trout, juvenile chinook	Blacktail deer, bobcat		A Fish and Wildlife	A
Lewisburg	No	No	D. Forested	None	Unknown	Unknown		*Sidalcea nelsonii*	A Fish and Wildlife	B
Madison	This is a storm-watershed with no internal creeks or drainages.									Developed
Mary's River	No	No	C. Agriculture	Portions water quality limited	A,B,C,D,E[2]	Cutthroat trout, juvenile spring chinook	Blacktail deer	*Montia howelii*	B Fish and Wildlife	B
Mill Race	Channelized	No	B. Urbanizing	None	A,B,C,D[1]	Cutthroat trout, juvenile spring chinook	Blacktail deer		A – Fish C - Wildlife	B
North East Corvallis	No	No	B. Urbanizing	None	Unknown	Unknown			B Fish and Wildlife	B

Append. E

Watershed Name	Stream Flow Modified by Dams, channelization, or levees	Active Diking or Irrigation Districts Upstream	Dominant Land Use (Upstream)	Streams/Water Quality Limited	Fisheries	S T E Fish Species	Wildlife[3] Species	S T E Plant or Wildlife Species	Natural Corridor /Fish & Wildlife	Landscape Features/ Both Ends Corridor
Oak Creek	Yes; OSU dams- seasonal barrier, boards placed in late spring	No	D. Forested or natural areas	None	A,B,C,D[1]	Cutthroat trout, juvenile spring Chinook	Blacktail deer	*Lupinus sulphureus ssp kincaidii, Sidalcea nelsonii*	A – Fish B - Wildlife	B
Ryan Creek	No	No	A. Urban	None	Unknown	Unknown		Northwestern pond turtle, *Montia howelii*	C Wildlife - Mostly developed	B
Sequoia Creek	No	No	D. Forested or natural areas	None	A,B,C,D[1]	Cutthroat trout, possible juvenile spring chinook in lower reaches	Blacktail deer	Northwestern pond turtle, *Sidcea nelsonii, Sidalcea campestris, Delphinium pavonaceum*	C Fish and Wildlife	B
Squaw Creek	No	No	D. Forested or natural areas	None	A,B,C,D[1]	Cutthroat trout, juvenile spring chinook	Blacktail deer	*Montia howelii, Sidalcea nelsonii*	A – Fish B - Wildlife	B
Village Green	Channelized	No	D. Natural area	None	Unknown	Unknown	Blacktail deer	*Sidalcea nelsonii*	C Fish and Wildlife	A
Western Willamette River	This is a storm-watershed with no internal creeks or drainages.									Developed
	No	No	C. Agriculture	Portions water quality limited	A,B,C,D,E[2]	Juvenile and adult spring Chinook, Cutthroat, rainbow trout	Blacktail deer	Northwestern pond turtle, *Sidalcea nelsonii*	A – Fish B – Wildlife	A

1. Typical species included: large mouth bass, bluegill, pumpkinseed, peamouth, chiselmouth, brook lamprey, sculpin, whitefish, cutthroat, spring chinook salmon
2. In addition to #1, additional typical species include: sandrollers, small mouth bass, Pacific lamprey, large scale sucker, northern pike minnow, rainbow trout
3. See *City of Corvallis Natural Features Inventory – Wildlife Habitat Assessment* for detailed information on wildlife.

North
Data Sheets

OFWAM + LSWT
charac. sheets

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**N-FRA-W-1**
Project Location:	Benton County	**Wetland Type(s):**	PEM

Date(s) of field work:	10/9/2002	**Approx. Area (acres):**	7.33
Onsite Assessment?:	Yes/Field Verified	**Investigator(s):**	PF
Wetland Location:	South of Lewisburg Avenue, west of Elliot Circle, east of RR tracks		

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	**B**	Q-2	**B**	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	**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	**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	**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 pleasing

Oregon Freshwater Wetland Assessment Methodology
Functions and Conditions Summary Sheet

Project:	Corvallis Natural Resource Inventory	**Wetland:**	**N-FRA-W-1**
Location:	Benton County	**Approx. Area (acres):**	7.33
Date:	10/9/2002	**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 less than 10%
Result:	**Fish habitat was not assessed for this wetland**	
Rationale:		
Result:	**Wetland's water-quality function is impacted or degraded**	
Rationale:	Primary water source is precipitation	Surface water connection to other wetlands
	Can't determine if wetland floods or ponds	Adjacent land use is primarily agriculture
	Moderate vegetation cover	No adjacent Water Quality Limited streams
Result:	**Wetland's hydrologic control is impacted or degraded**	
Rationale:	Wetland is not within 100 year floodplain	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 development
	No adjacent Water Quality Limited streams	Herbaceous vegetation, no ponding
Result:	**Wetland has moderate potential for enhancement**	
Rationale:	Wetland functions are impacted or degraded	Wetland is between 0.5 and 5 acres
	Primary water source is precipitation	Wetland buffer is less than 10%
	Water flow is permanently restricted	Potentially sensitive to future impacts
Result:	**Wetland site is not appropriate for educational use**	
Rationale:	No access allowed to wetland	No access point to wetland exists
	1 or 2 visible safety hazards	Wetland is not limited mobility accessible
	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	Continuous traffic and natural noises occur

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**N-FRA-W-1**
Project Location:	Benton County	**Approx. Area (acres):**	7.33
Date:	10/9/2002	**Wetland Types(s):**	PEM

***Exclusions*: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

***Mandatory Locally Significant Wetland Criteria* : This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat* ?		No
2 Is the wetland's *fish habitat function intact* ?		No
3 Is the wetland's *water quality function intact* ?		No
4 Is the wetland's *hydrologic control function intact* ?		No
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list)and is the wetland's *water quality function intact, or impacted or degraded* ?		No
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonidsand is the wetland's *fish habitat function intact, or impacted or degraded* ?		No
Mandatory Locally Significant Wetland criteria satisfied ?		**No**

***Optional Locally Significant Wetland Criteria* : local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant communityand provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function* .		No
2 Is the wetland publicly owned and used by a school or organizationand does the wetland provide *educational uses* ?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Does not satisfy the criteria, Not a Locally Significant Wetland

Wetland Characterization Sheet

Project Name: Corvallis Natural Resource Inventory

		Wetland Code:	N-FRA-W-1
Date(s) of field work:	10/9/2002	Size (acres):	7.33
Data Sheet Numbers:	N/A	Cowardin Class(es):	PEM
Investigator(s):	PF	HGM Class(es):	S/F

Location -- Legal:	**T. 11S, R. 5W, S.13**
Other:	**South of Lewisburg Avenue, west of Elliot Circle, east of RR tracks**
Tax Lots:	**See accompanying table**
Hydrologic basin:	**Frazier Creek**
Soil -- Mapped series:	**Woodburn silt loam, 0-3% slopes**
Hydrologic Source:	**Precipitation**

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
Fraxinus latifolia	**Oregon Ash**	***Alopecurus pratensis***	**Meadow Foxtail**
Crataegus douglasii	**Douglas' Hawthorn**	***Agrostis tenuis***	**Colonial Bentgrass**
		Holcus lanatus	**Common Velvet Grass**
		Ranunculus acris	**Tall Butter-Cup**
		Typha latifolia	**Common Cattail**

Comments:

Depression at base of slope in large field. Impounded by railroad tracks. Hydrologically connected to ditch along base of tracks. Zoned industrial. Current land use is pasture and acricultural grass crop production, adjacent land use is industrial and residential.

Adjacent upland species: Festuca arundinacea, Cirsium vulgare

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

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**N-FRA-W-2**
Project Location:	Benton County	**Wetland Type(s):**	PFO,PSS

Date(s) of field work:	9/20/2002	**Approx. Area (acres):**	0.75
Onsite Assessment?:	NO	**Investigator(s):**	SE/LW
Wetland Location:	East of Winter Creek Drive at creek crossing.		

Function and Condition Assessment Answers

Wildlife Habitat		Fish Habitat		Water Quality		Hydrologic Control		Sensitivity to Impact	
Q	**A**	**Q**	**A**	**Q**	**A**	**Q**	**A**	**Q**	**A**
Q-1	**A**	Q-1		Q-1	**B**	Q-1	**B**	Q-1	**B**
Q-2	**A**	Q-2		Q-2	**B**	Q-2	**B**	Q-2	**B**
Q-3	**C**	Q-3		Q-3	**A**	Q-3	**C**	Q-3	**C**
Q-4	**C**	Q-4		Q-4	**C**	Q-4	**C**	Q-4	**A**
Q-5	**B**	Q-5		Q-5	**A**	Q-5	**A**	Q-5	**A**
Q-6	**B**	Q-6		Q-6	**C**	Q-6	**B**	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	**B**	Q-1	**B**
Q-2	**C**	Q-2	**A**	Q-2	**C**	Q-2	**A**
Q-3		Q-3	**B**	Q-3	**C**	Q-3	**A**
Q-4	**C**	Q-4	**B**	Q-4	**B**	Q-4	**A**
Q-5B	**A**	Q-5	**B**	Q-5	**B**	Q-5	**A**
Q-6	**B**	Q-6	**B**	Q-6	**B**	Q-6	**A**

Results:

Enhancement Potential	Wetland has moderate potential for enhancement
Education	Wetland 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:	Corvallis Natural Resource Inventory	**Wetland:**	**N-FRA-W-2**
Location:	Benton County	**Approx. Area (acres):**	0.75
Date:	9/20/2002	**Wetland Types(s):**	PFO,PSS

Result:	**Wetland provides habitat for some wildlife species**	
Rationale:	More than one Cowardin class	No adjacent Water Quality limited streams
	Dominated by woody vegetation	Adjacent land is 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	Isolated from other wetlands
	Can't determine if wetland floods or ponds	Adjacent land is mostly developed
	High wetland vegetation cover	No adjacent Water Quality Limited streams
Result:	**Wetland's hydrologic control is impacted or degraded**	
Rationale:	Wetland is not within 100 year floodplain	Dominated by woody vegetation
	Can't determine if wetland floods or ponds	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 is mostly developed
	Water not taken out	Adjacent zoning is primarily development
	No adjacent Water Quality Limited streams	Dominated by woody vegetation
Result:	**Wetland has moderate potential for enhancement**	
Rationale:	Wetland functions are impacted or degraded	Wetland is less than 0.5 acres
	Primary water source is precipitation	Wetland buffer is greater than 40%
	Water flow is permanently restricted	Potentially sensitive to future impacts
Result:	**Wetland site is not appropriate for educational use**	
Rationale:	No access allowed to wetland	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 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

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**N-FRA-W-2**
Project Location:	Benton County	**Approx. Area (acres):**	0.75
Date:	9/20/2002	**Wetland Types(s):**	PFO,PSS

***Exclusions*: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

***Mandatory Locally Significant Wetland Criteria* : This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat*?		No
2 Is the wetland's *fish habitat function intact* ?		No
3 Is the wetland's *water quality function intact* ?		No
4 Is the wetland's *hydrologic control function intact* ?		No
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list)and is the wetland's *water quality function intact, or impacted or degraded*?		No
6 Does the wetland contain a rare plant community?	No	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 salmonidsand is the wetland's *fish habitat function intact, or impacted or degraded* ?		No
Mandatory Locally Significant Wetland criteria satisfied ?		**No**

***Optional Locally Significant Wetland Criteria* : local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant communityand provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function* .		No
2 Is the wetland publicly owned and used by a school or organizationand does the wetland provide *educational uses* ?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Does not satisfy the criteria, Not a Locally Significant Wetland

Wetland Characterization Sheet

Project Name: Corvallis Natural Resource Inventory

		Wetland Code:	N-FRA-W-2
Date(s) of field work:	9/20/2002	Size (acres):	0.75
Data Sheet Numbers:	OFF-SITE	Cowardin Class(es):	PFO,PSS
Investigator(s):	SE/LW	HGM Class(es):	S/F

Location -- Legal:	**T. 11S, R. 5W, S. 10**
Other:	**East of Winter Creek Drive at creek crossing.**
Tax Lots:	**0**
Hydrologic basin:	**Frazier Creek**
Soil -- Mapped series:	**Dixonville silty clay loam**
Hydrologic Source:	**Precipitation**

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
Alnus rubra	Red Alder	*Equisetum arvense*	Field Horsetail
Fraxinus latifolia	Oregon Ash	*Athyrium filix-femina*	Subarctic Lady Fern
Salix sp.	Willow	*Typha latifolia*	Common Cattail
		Scirpus microcarpus	Small-Fruit Bulrush
		Stachys cooleyae	Cooley's Hedgenettle

Comments:

OFF-SITE. Small scrub/shrub wetland east of Winter Creek Drive. Current land use and zoning are low density residential. The wetland is located upslope and south of a tributary of Frazier Creek. Apparent water source is seasonal precipitation and associated runoff from upslope areas.

Adjacent upland species: Acer macrophyllum, Pseudotsuga menziesii, Arbutus menziesii, Rubus discolor, Holcus lanatus, Rubus ursinus, Lolium multiflorum, Cirsium arvense, Polystichum munitum

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

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**N-FRA-W-3**
Project Location:	Benton County	**Wetland Type(s):**	PFO, PSS, PEM, PEMf

Date(s) of field work:	9/25/2002	**Approx. Area (acres):**	62.37
Onsite Assessment?:	NO	**Investigator(s):**	PF / JVS/ SE
Wetland Location:	East of Crescent Valley Drive, west of Highland, south of Lewisburg 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	**B**
Q-2	**C**	Q-2		Q-2	**B**	Q-2	**B**	Q-2	**B**
Q-3	**B**	Q-3		Q-3	**B**	Q-3	**A**	Q-3	**C**
Q-4	**C**	Q-4		Q-4	**A**	Q-4	**C**	Q-4	**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	**C**		
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	**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 pleasing

Oregon Freshwater Wetland Assessment Methodology
Functions and Conditions Summary Sheet

Project:	Corvallis Natural Resource Inventory	**Wetland:**	**N-FRA-W-3**
Location:	Benton County	**Approx. Area (acres):**	62.37
Date:	9/25/2002	**Wetland Types(s):**	PFO, PSS, PEM, PEMf

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 more than 5 acres in size
	Can't determine if wetland floods or ponds	Adjacent land use is primarily agriculture
	Moderate vegetation cover	No adjacent Water Quality Limited streams
Result:	**Wetland's hydrologic control is impacted or degraded**	
Rationale:	Wetland is not 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	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 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%
	Water flow is permanently restricted	Potentially sensitive to future impacts
Result:	**Wetland site is not appropriate for educational use**	
Rationale:	No access allowed to wetland	No access point to wetland exists
	No visible hazards to public	Wetland is not limited mobility accessible
	Other habitats can be observed not accessed	
Result:	**Wetland is not appropriate or does not provide rec. opportunities**	
Rationale:	No access point to wetland exists	Wetland provides habitat for some wildlife
	No boat launching can be developed	No fishing is allowed
	No trails or viewing areas exist	No hunting is allowed
Result:	**Wetland is considered to be pleasing**	
Rationale:	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

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**N-FRA-W-3**
Project Location:	Benton County	**Approx. Area (acres):**	62.37
Date:	9/25/2002	**Wetland Types(s):**	PFO, PSS, PEM, PEM

***Exclusions*: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

***Mandatory Locally Significant Wetland Criteria* : This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat* ?		No
2 Is the wetland's *fish habitat function intact* ?		No
3 Is the wetland's *water quality function intact* ?		No
4 Is the wetland's *hydrologic control function intact* ?		No
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list)and is the wetland's *water quality function intact, or impacted or degraded* ?		No
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonidsand is the wetland's *fish habitat function intact, or impacted or degraded* ?		No
Mandatory Locally Significant Wetland criteria satisfied ?		**No**

***Optional Locally Significant Wetland Criteria* : local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant communityand provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function* .		No
2 Is the wetland publicly owned and used by a school or organizationand does the wetland provide *educational uses* ?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Does not satisfy the criteria, Not a Locally Significant Wetland

Wetland Characterization Sheet

Project Name: Corvallis Natural Resource Inventory

		Wetland Code:	N-FRA-W-3
Date(s) of field work:	9/25/2002	Size (acres):	62.37
Data Sheet Numbers:	OFF-SITE	Cowardin Class(es):	PFO, PSS, PEM, PEMf
Investigator(s):	PF / JVS/ SE	HGM Class(es):	S/F, RFT

Location -- Legal:	T. 11S, R. 5W, S. 14, 15
Other:	East of Crescent Valley Drive, west of Highland, south of Lewisburg Ave.
Tax Lots:	0
Hydrologic basin:	Jackson Creek
Soil -- Mapped series:	Witham silty clay loam, 2-7% slopes; Woodburn silt loam, 0-3% slopes
Hydrologic Source:	Precipitation

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
Fraxinus latifolia	Oregon Ash	*Juncus effusus*	Soft Rush
Rosa spp.	Rose	*Holcus lanatus*	Common Velvet Grass
		Alopecurus pratensis	Meadow Foxtail
		Epilobium watsonii	Watson's Willow-Herb

Comments:

OFF-SITE. Large shallow swale drains north and east from hills to west. May have seasonal ponding. Several small drainages through farmed portion of wetland. Farmed wetland (50%), emergent (35%), scrub shrub (10%) and forested (5%). Zoned residential. Currently agriculture. Hydrologically connected to wetlands to north. DSL WD # 97-0528.

Adjacent upland species: Festuca arundinacea, Cirsium arvense, Rubus discolor, Daucus carota

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

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**N-FRA-W-4**
Project Location:	Benton County	**Wetland Type(s):**	PFO, PEM, PEMf

Date(s) of field work:	9/25/2002	**Approx. Area (acres):**	2.31
Onsite Assessment?:	NO	**Investigator(s):**	PF / JVS
Wetland Location:	East of Crescent Valley Drive, west of Highland, south of Lewisburg 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	**B**	Q-1	**A**	Q-1	**B**
Q-2	**C**	Q-2	**B**	Q-2	**B**	Q-2	**B**	Q-2	**B**
Q-3	**B**	Q-3	**C**	Q-3	**B**	Q-3	**A**	Q-3	**C**
Q-4	**C**	Q-4	**A**	Q-4	**A**	Q-4	**C**	Q-4	**B**
Q-5	**A**	Q-5	**B**	Q-5	**B**	Q-5	**C**	Q-5	**A**
Q-6	**A**	Q-6	**A**	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	**B**
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	**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:	Corvallis Natural Resource Inventory	**Wetland:**	**N-FRA-W-4**
Location:	Benton County	**Approx. Area (acres):**	2.31
Date:	9/25/2002	**Wetland Types(s):**	PFO, PEM, PEMf

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:	**Wetland's fish habitat function is impacted or degraded**	
Rationale:	25-50% of stream is shaded	No adjacent Water Quality Limited streams
	Only portions of stream are modified	Adjacent land use is primarily agriculture
	<10% of stream has instream structures	Salmon and/or trout 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
	Can't determine if wetland floods or ponds	Adjacent land use is primarily agriculture
	Moderate vegetation cover	No adjacent Water Quality Limited streams
Result:	**Wetland's hydrologic control is impacted or degraded**	
Rationale:	Wetland is 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	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 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
	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

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**N-FRA-W-4**
Project Location:	Benton County	**Approx. Area (acres):**	2.31
Date:	9/25/2002	**Wetland Types(s):**	PFO, 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 *diverse wildlife habitat*?		No
2 Is the wetland's *fish habitat function intact*?		No
3 Is the wetland's *water quality function intact*?		No
4 Is the wetland's *hydrologic control function intact*?		No
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list)and is the wetland's *water quality function intact, or impacted or degraded*?		No
6 Does the wetland contain a rare plant community?	No	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 salmonidsand is the wetland's *fish habitat function intact, or impacted or degraded*?		No
Mandatory Locally Significant Wetland criteria satisfied ?		**No**

***Optional Locally Significant Wetland Criteria*: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant communityand provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function*.		No
2 Is the wetland publicly owned and used by a school or organizationand does the wetland provide *educational uses*?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Does not satisfy the criteria, Not a Locally Significant Wetland

Wetland Characterization Sheet

Project Name: Corvallis Natural Resource Inventory

		Wetland Code:	N-FRA-W-4
Date(s) of field work:	9/25/2002	Size (acres):	2.31
Data Sheet Numbers:	OFF-SITE	Cowardin Class(es):	PFO, PEM, PEMf
Investigator(s):	PF / JVS	HGM Class(es):	S/F, RFT

Location -- Legal:	T. 11S, R. 5W, S. 13, 14
Other:	East of Crescent Valley Drive, west of Highland, south of Lewisburg Ave.
Tax Lots:	0
Hydrologic basin:	Frazier Creek
Soil -- Mapped series:	McBee silty clay loam, Bashaw clay, Waldo silty clay loam
Hydrologic Source:	Precipitation

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
Fraxinus latifolia	Oregon Ash	*Juncus effusus*	Soft Rush
Rosa spp.	Rose	*Holcus lanatus*	Common Velvet Grass
Alnus rubra	Red Alder	*Alopecurus pratensis*	Meadow Foxtail
Salix lasiandra	Pacific Willow	*Epilobium watsonii*	Watson's Willow-Herb
Salix piperi	Piper's Willow	*Phalaris arundinacea*	Reed Canary Grass
Crataegus douglasii	Douglas' Hawthorn	*Rubus discolor*	Himalayan Blackberry
		Festuca arundinacea	Tall Fescue
		Equisetum arvense	Field Horsetail

Comments:

OFF-SITE. Large shallow swale drains south from slopes to north to Jackson Creek. May have seasonal ponding. Several small drainages through open grazed fields. Zoned residential. Currently agriculture. Hydrologically connected to wetlands to south and Jackson Creek.

Adjacent upland species: Festuca arundinacea, Cirsium arvense, Rubus discolor, Daucus carota

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

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**N-FRA-W-5**
Project Location:	Benton County	**Wetland Type(s):**	PEM

Date(s) of field work:	9/25/2002	**Approx. Area (acres):**	0.50
Onsite Assessment?:	yes	**Investigator(s):**	PF/JVS
Wetland Location:	South of Lewisburg Road, west of Highland		

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	**0**	Q-1	**B**	Q-1	**B**	Q-1	**B**
Q-2	**C**	Q-2	**C**	Q-2	**B**	Q-2	**B**	Q-2	**B**
Q-3	**C**	Q-3	**C**	Q-3	**B**	Q-3	**C**	Q-3	**C**
Q-4	**C**	Q-4		Q-4	**C**	Q-4	**C**	Q-4	**A**
Q-5	**B**	Q-5		Q-5	**A**	Q-5	**C**	Q-5	**A**
Q-6	**B**	Q-6	**C**	Q-6	**C**	Q-6	**B**	Q-6	**C**
Q-7	**A**					Q-7	**B**		
Q-8	**C**								
Q-9A									
Q-9B	**C**								

Results:

Wildlife Habitat	Wetland provides habitat for some wildlife species
Fish Habitat	Fish habitat was not assessed for this wetland
Water Quality	Wetland's water-quality function is impacted or degraded
Hydrologic Control	Wetland's hydrologic control is impacted or degraded
Sensitivity to Impact	Wetland is potentially sensitive to future impacts

Function and Condition Assessment Answers

Enhancement Potential		Education		Recreation		Aesthetic Quality	
Q	**A**	**Q**	**A**	**Q**	**A**	**Q**	**A**
Q-1	**A**	Q-1	**C**	Q-1	**C**	Q-1	**C**
Q-2	**C**	Q-2	**A**	Q-2	**C**	Q-2	**A**
Q-3		Q-3	**B**	Q-3	**C**	Q-3	**A**
Q-4	**C**	Q-4	**C**	Q-4	**B**	Q-4	**B**
Q-5B	**C**	Q-5	**C**	Q-5	**B**	Q-5	**A**
Q-6	**B**	Q-6	**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 considered to be pleasing

Oregon Freshwater Wetland Assessment Methodology
Functions and Conditions Summary Sheet

Project:	Corvallis Natural Resource Inventory	**Wetland:**	**N-FRA-W-5**
Location:	Benton County	**Approx. Area (acres):**	0.50
Date:	9/25/2002	**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	Isolated from other wetlands
	Can't determine if wetland floods or ponds	Adjacent land is mostly developed
	Moderate vegetation cover	No adjacent Water Quality Limited streams
Result:	**Wetland's hydrologic control is impacted or degraded**	
Rationale:	Wetland is not within 100 year floodplain	Herbaceous vegetation, no ponding
	Can't determine if wetland floods or ponds	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 is mostly developed
	Water not taken out	Adjacent zoning is primarily development
	No adjacent Water Quality Limited streams	Herbaceous vegetation, no ponding
Result:	**Wetland has moderate potential for enhancement**	
Rationale:	Wetland functions are impacted or degraded	Wetland is less than 0.5 acres
	Primary water source is precipitation	Wetland buffer is less than 10%
	Water flow is permanently restricted	Potentially sensitive to future impacts
Result:	**Wetland site is not appropriate for educational use**	
Rationale:	No access allowed to wetland	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	Continuous traffic and natural noises occur

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**N-FRA-W-5**
Project Location:	Benton County	**Approx. Area (acres):**	0.5
Date:	9/25/2002	**Wetland Types(s):**	PEM

***Exclusions*: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

***Mandatory Locally Significant Wetland Criteria* : This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat* ?		No
2 Is the wetland's *fish habitat function intact* ?		No
3 Is the wetland's *water quality function intact* ?		No
4 Is the wetland's *hydrologic control function intact* ?		No
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list)and is the wetland's *water quality function intact, or impacted or degraded* ?		No
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonidsand is the wetland's *fish habitat function intact, or impacted or degraded* ?		No
Mandatory Locally Significant Wetland criteria satisfied ?		**No**

***Optional Locally Significant Wetland Criteria* : local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant communityand provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function* .		No
2 Is the wetland publicly owned and used by a school or organizationand does the wetland provide *educational uses* ?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Does not satisfy the criteria, Not a Locally Significant Wetland

Wetland Characterization Sheet

Project Name: Corvallis Natural Resource Inventory

		Wetland Code:	N-FRA-W-5
Date(s) of field work:	9/25/2002	Size (acres):	0.50
Data Sheet Numbers:	1,2,4,5	Cowardin Class(es):	PEM
Investigator(s):	PF/JVS	HGM Class(es):	S/F

Location -- Legal:	**T. 11S, R. 5W, S. 11**
Other:	**South of Lewisburg Road, west of Highland**
Tax Lots:	**0**
Hydrologic basin:	**FRAZIER CREEK**
Soil -- Mapped series:	**Waldo silty clay loam, Coburg silty clay loam**
Hydrologic Source:	**Precipitation**

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
		Carex densa	**Dense Sedge**
		Juncus tenuis	**Slender Rush**
		Juncus patens	**Spreading Rush**
		Juncus effusus	**Soft Rush**
		Holcus lanatus	**Common Velvet Grass**
		Epilobium watsonii	**Watson's Willow-Herb**
		Carex sp.	**sedge species**

Comments:

Three small depressional areas in field adjacent to Highland Drive. Isolated. Seepage from groundwater and upslope spring on property. Zoned for development. Currently rural residential.

Adjacent upland species: Festuca arundinacea, Taraxacum officinale, Daucus carota

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

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**N-GAR-W-1**
Project Location:	Benton County	**Wetland Type(s):**	PFO,PSS,PEM

Date(s) of field work:	10/4/2002	**Approx. Area (acres):**	31.38
Onsite Assessment?:	YES	**Investigator(s):**	SE/FS
Wetland Location:	North of municipal sewage treatment plant.		

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	**A**	Q-1	**B**
Q-2	**A**	Q-2	**C**	Q-2	**A**	Q-2	**A**	Q-2	**B**
Q-3	**B**	Q-3	**C**	Q-3	**A**	Q-3	**A**	Q-3	**A**
Q-4	**C**	Q-4	**C**	Q-4	**A**	Q-4	**C**	Q-4	**B**
Q-5	**A**	Q-5	**B**	Q-5	**B**	Q-5	**A**	Q-5	**A**
Q-6	**A**	Q-6	**C**	Q-6	**A**	Q-6	**A**	Q-6	**A**
Q-7	**C**					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	**B**	Q-1	**A**	Q-1	**A**
Q-2	**C**	Q-2	**B**	Q-2	**C**	Q-2	**C**
Q-3		Q-3	**B**	Q-3	**B**	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	**B**

Results:

Enhancement Potential	Wetland has high enhancement potential
Education	Wetland has potential for educational use
Recreation	Wetland has the potential to provide recreational activities
Aesthetic Quality	Wetland is considered to be pleasing

Oregon Freshwater Wetland Assessment Methodology
Functions and Conditions Summary Sheet

Project:	Corvallis Natural Resource Inventory	**Wetland:**	**N-GAR-W-1**
Location:	Benton County	**Approx. Area (acres):**	31.38
Date:	10/4/2002	**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 use is primarily agriculture
	Less than 0.5 acres of open water	Wetland buffer is greater than 40%
Result:	**Wetland's fish habitat function is impacted or degraded**	
Rationale:	50% or more of stream is shaded	Adjacent Water Quality Limited stream
	Stream banks are extensively modified	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 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	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 use is primarily agriculture
	Water not taken out	Adjacent zoning is primarily development
	Adjacent Water Quality Limited stream	Dominated by woody vegetation
Result:	**Wetland has high enhancement potential**	
Rationale:	Wetland functions are impacted or degraded	Wetland is greater than 5 acres
	Primary water source is precipitation	Wetland buffer is greater than 40%
	Water flow is permanently restricted	Potentially sensitive to future impacts
Result:	**Wetland has potential for educational use**	
Rationale:	Wetland access by landowner permission	Maintained public access within 250 feet
	1 or 2 visible safety hazards	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
	Unmaintained 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	Continuous traffic and natural noises occur

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**N-GAR-W-1**
Project Location:	Benton County	**Approx. Area (acres):**	31.38
Date:	10/4/2002	**Wetland Types(s):**	PFO,PSS,PEM

***Exclusions*: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

***Mandatory Locally Significant Wetland Criteria*: This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat*?		No
2 Is the wetland's *fish habitat function intact*?		No
3 Is the wetland's *water quality function intact*?	Yes	
4 Is the wetland's *hydrologic control function intact*?	Yes	
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list)and is the wetland's *water quality function intact, or impacted or degraded*?	Yes	
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?	Yes	
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonidsand is the wetland's *fish habitat function intact, or impacted or degraded*?	Yes	
Mandatory Locally Significant Wetland criteria satisfied ?	**Yes**	

***Optional Locally Significant Wetland Criteria*: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant communityand provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function*.		No
2 Is the wetland publicly owned and used by a school or organizationand does the wetland provide *educational uses*?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Locally Significant Wetland

Wetland Characterization Sheet

Project Name: Corvallis Natural Resource Inventory

		Wetland Code:	N-GAR-W-1
Date(s) of field work:	10/4/2002	Size (acres):	31.38
Data Sheet Numbers:	54,63,80,96	Cowardin Class(es):	PFO,PSS,PEM
Investigator(s):	SE/FS	HGM Class(es):	S/F

Location -- Legal:	T.11S, R. 5W, S. 24
Other:	North of municipal sewage treatment plant.
Tax Lots:	0
Hydrologic basin:	Garfield
Soil -- Mapped series:	Bashaw clay, Waldo silty clay loam
Hydrologic Source:	Precipitation

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
Fraxinus latifolia	Oregon Ash	*Carex obnupta*	Slough Sedge
Populus trichocarpa	Black Cottonwood	*Juncus effusus*	Soft Rush
Salix piperi	Piper's Willow	*Holcus lanatus*	Common Velvet Grass
		Agrostis tenuis	Colonial Bentgrass
		Epilobium watsonii	Watson's Willow-Herb
		Alopecurus pratensis	Meadow Foxtail
		Hordeum brachyantherum	Meadow Barley

Comments: **Locally Significant Wetland**

PARTIAL OFF-SITE. DSL WD #'s 95-264, 97-0381. Zoned general industrial. Located north of the sewage treatment plant, east of Highway 99W, extending from the treatment plant north to Circle Boulevard, just west of the Hewlett Packard complex. It includes two drainages that converge near the south end of the forested area north of the treatment ponds. In addition to the undeveloped forested area it includes a large emergent area, a portion of which is used for pasture. Nelsons checkermallow may be in area, a threatened plant species. WETLAND OF SPECIAL INTEREST FOR PROTECTION.

Adjacent upland species: Prunus domesticus (apple), Crataegus monogyna, Rubus discolor, Rhus diversiloba, Corylus cornuta, Rubus ursinus, Festuca arundinacea, Hypericum perforatum

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

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**N-GAR-W-2**
Project Location:	Benton County	**Wetland Type(s):**	PFO,PSS,PEM

Date(s) of field work:	10/4/2002	**Approx. Area (acres):**	3.51
Onsite Assessment?:	NO	**Investigator(s):**	SE/FS
Wetland Location:	East of Highway 99W, north of Cornell 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	**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	**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	**B**	Q-1	**A**	Q-1	**A**
Q-2	**C**	Q-2	**A**	Q-2	**C**	Q-2	**B**
Q-3		Q-3	**B**	Q-3	**C**	Q-3	**C**
Q-4	**B**	Q-4	**A**	Q-4	**B**	Q-4	**B**
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 potential 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:	Corvallis Natural Resource Inventory	**Wetland:**	**N-GAR-W-2**
Location:	Benton County	**Approx. Area (acres):**	3.51
Date:	10/4/2002	**Wetland Types(s):**	PFO,PSS,PEM

Result:	**Wetland provides habitat for some wildlife species**	
Rationale:	More than one Cowardin class	No adjacent Water Quality limited streams
	Dominated by woody vegetation	Adjacent land is mostly developed
	Less than 0.5 acres of open water	Wetland buffer is between 10% and 40%
Result:	**Fish habitat was not assessed for this wetland**	
Rationale:		
Result:	**Wetland's water-quality function is intact**	
Rationale:	Primary water source is precipitation	Surface water connection to other wetlands
	Wetland floods/ponds in growing season	Adjacent land is mostly developed
	High wetland vegetation cover	No adjacent Water Quality Limited streams
Result:	**Wetland's hydrologic control function is intact**	
Rationale:	Wetland is not within 100 year floodplain	Dominated by woody vegetation
	Wetland floods/ponds in growing season	Development downslope of wetland
	Water has unrestricted flow out of wetland	Development upslope of wetland
Result:	**Wetland is potentially sensitive to future impacts**	
Rationale:	Stream not modified	Adjacent land is mostly developed
	Water not taken out	Adjacent zoning is primarily development
	No adjacent Water Quality Limited streams	Dominated by woody vegetation
Result:	**Wetland has high enhancement potential**	
Rationale:	Wetland functions are impacted or degraded	Wetland is between 0.5 and 5 acres
	Primary water source is precipitation	Wetland buffer is between 10% and 40%
	Water flow is permanently restricted	Potentially sensitive to future impacts
Result:	**Wetland has potential for educational use**	
Rationale:	Wetland access by landowner permission	Maintained public access within 250 feet
	No visible hazards to public	Wetland is limited mobility accessible
	Public access to other habitats exist	
Result:	**Wetland has the potential to provide recreational activities**	
Rationale:	Maintained public access within 250 feet	Wetland provides habitat for some wildlife
	No boat launching can be developed	No fishing is allowed
	No trails or viewing areas exist	No hunting is allowed
Result:	**Wetland is considered to be 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

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**N-GAR-W-2**
Project Location:	Benton County	**Approx. Area (acres):**	3.51
Date:	10/4/2002	**Wetland Types(s):**	PFO,PSS,PEM

***Exclusions*: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

***Mandatory Locally Significant Wetland Criteria*: This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat*?		No
2 Is the wetland's *fish habitat function intact*?		No
3 Is the wetland's *water quality function intact*?	Yes	
4 Is the wetland's *hydrologic control function intact*?	Yes	
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list) and is the wetland's *water quality function intact, or impacted or degraded*?		No
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids and is the wetland's *fish habitat function intact, or impacted or degraded*?		No
Mandatory Locally Significant Wetland criteria satisfied ?	**Yes**	

***Optional Locally Significant Wetland Criteria*: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function*.		No
2 Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses*?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Locally Significant Wetland

Wetland Characterization Sheet

Project Name: Corvallis Natural Resource Inventory

		Wetland Code:	**N-GAR-W-2**
Date(s) of field work:	**10/4/2002**	Size (acres):	**3.51**
Data Sheet Numbers:	**OFF-SITE**	Cowardin Class(es):	**PFO,PSS,PEM**
Investigator(s):	**SE/FS**	HGM Class(es):	**S/F**

Location -- Legal:	**T.11S, R. 5W, S. 24**
Other:	**East of Highway 99W, north of Cornell Avenue.**
Tax Lots:	**0**
Hydrologic basin:	**Garfield**
Soil -- Mapped series:	**Dayton silt loam**
Hydrologic Source:	**Precipitation**

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
Fraxinus latifolia	**Oregon Ash**	***Deschampsia cespitosa***	**Tufted Hairgrass**
Salix piperi	**Piper's Willow**	***Veronica scutellata***	**Marsh Speedwell**
Rhamnus purshiana	**Cascara Buckthorn**		
Crataegus douglasii	**Douglas' Hawthorn**		
Malus fusca	**Pacific Crabapple**		
Populus trichocarpa	**Black Cottonwood**		

Comments: **Locally Significant Wetland**

OFF-SITE. DSL WD #98-0315. Wetland between Highway 99W and railroad tracks, just west of the municipal treatment plant. Portions of the wetland are identified as a Special Management Area, presumably for vegetation. Patches of wet prairie are separated by thickets of mixed natives and non-natives and young stands of Oregon ash.

Adjacent upland species: Crataegus monogyna, Prunus domesticus (apple), Festuca arundinacea, Dactylus glomerata

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

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**N-GAR-W-3**
Project Location:	Benton County	**Wetland Type(s):**	POW, PFO, PSS

Date(s) of field work:	10/9/2002	**Approx. Area (acres):**	4.81
Onsite Assessment?:	NO	**Investigator(s):**	PF
Wetland Location:	South of Circle Blvd, east of RR tracks, Hewlett Packard site, Stewart Lake		

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	**C**	Q-3	**A**	Q-3	**A**	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	**A**	Q-5	**A**
Q-6	**A**	Q-6	**A**	Q-6	**C**	Q-6	**A**	Q-6	**A**
Q-7	**A**					Q-7	**A**		
Q-8	**C**								
Q-9A									
Q-9B	**A**								

Results:

Wildlife Habitat	Wetland provides habitat for some wildlife species
Fish Habitat	Wetland's fish habitat function is 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	**A**
Q-2	**A**	Q-2	**A**	Q-2	**C**	Q-2	**A**
Q-3	**A**	Q-3	**A**	Q-3	**A**	Q-3	**A**
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	**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:	Corvallis Natural Resource Inventory	**Wetland:**	**N-GAR-W-3**
Location:	Benton County	**Approx. Area (acres):**	4.81
Date:	10/9/2002	**Wetland Types(s):**	POW, PFO, PSS

Result:	**Wetland provides habitat for some wildlife species**	
Rationale:	More than one Cowardin class	No adjacent Water Quality limited streams
	Dominated by woody vegetation	Adjacent land is mostly developed
	Greater than 1 acre of open water	Wetland buffer is greater than 40%
Result:	**Wetland's fish habitat function is intact**	
Rationale:	25-50% of lake is shaded	No adjacent Water Quality Limited streams
	Only portions of stream are modified	Adjacent land is mostly developed
	>25% of stream has instream structures	Salmon and/or trout present in stream
Result:	**Wetland's water-quality function is intact**	
Rationale:	Primary water source is surface flow	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
	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	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 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 limited mobility accessible
	Other habitats can be observed not accessed	
Result:	**Wetland is not appropriate or does not provide rec. opportunities**	
Rationale:	No access point to wetland exists	Wetland provides habitat for some wildlife
	No boat launching can be developed	No fishing is allowed
	Maintained trails, viewing areas exist	No hunting is allowed
Result:	**Wetland is considered to be pleasing**	
Rationale:	More than two Cowardin classes are visible	Wetland surrounded by landscaped areas
	>50% 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:	Corvallis Natural Resource Inventory	**Wetland:**	**N-GAR-W-3**
Project Location:	Benton County	**Approx. Area (acres):**	4.81
Date:	10/9/2002	**Wetland Types(s):**	POW, PFO, PSS

***Exclusions*: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

***Mandatory Locally Significant Wetland Criteria*: This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat*?		No
2 Is the wetland's *fish habitat function intact*?	Yes	
3 Is the wetland's *water quality function intact*?	Yes	
4 Is the wetland's *hydrologic control function intact*?	Yes	
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list) and is the wetland's *water quality function intact, or impacted or degraded*?	Yes	
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids and is the wetland's *fish habitat function intact, or impacted or degraded*?		No
Mandatory Locally Significant Wetland criteria satisfied ?	**Yes**	

***Optional Locally Significant Wetland Criteria*: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function*.		No
2 Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses*?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Locally Significant Wetland

Wetland Characterization Sheet

Project Name: Corvallis Natural Resource Inventory

		Wetland Code:	**N-GAR-W-3**
Date(s) of field work:	**10/9/2002**	Size (acres):	**4.81**
Data Sheet Numbers:	**OFF-SITE**	Cowardin Class(es):	**POW, PFO, PSS**
Investigator(s):	**PF**	HGM Class(es):	**DCP**

Location -- Legal:	**T. 11S, R. 5W, S. 25**
Other:	**South of Circle Blvd, east of RR tracks, Hewlett Packard site, Stewart Lake**
Tax Lots:	**See accompanying table**
Hydrologic basin:	**Garfield**
Soil -- Mapped series:	**Willamette silt loam, 3-12% slopes**
Hydrologic Source:	**Surface water**

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
Fraxinus latifolia	**Oregon Ash**		
Populus trichocarpa	**Black Cottonwood**		
Salix spp.	**Willow**		

Comments: **Locally Significant Wetland**

OFF-SITE. Stewart Lake on Hewlett Packard property. Open water with narrow forested (10%)/scrub shrub (10%) edge with 80% open water. Drains to north and connects to Sequoia Creek north of Circle Blvd. Zoned Industrial. Existing land use is industrial. Pond turtles may be in pond.

Adjacent upland species: Daucus carota, Festuca arundinacea, Chrysanthemum leucanthemum

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

Oregon Freshwater Wetland Assessment Methodology

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Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**N-GAR-W-4**
Project Location:	Benton County	**Wetland Type(s):**	PEM

Date(s) of field work:	10/9/2002	**Approx. Area (acres):**	1.32
Onsite Assessment?:	NO	**Investigator(s):**	PF
Wetland Location:	South of Circle, south of Spruce Ave., west of 9th		

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	B	Q-2	B	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	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	C
Q-5B	C	Q-5	C	Q-5	B	Q-5	A
Q-6	B	Q-6	A	Q-6	B	Q-6	B

Results:

Enhancement Potential	Wetland has moderate potential for enhancement
Education	Wetland 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:	Corvallis Natural Resource Inventory	**Wetland:**	**N-GAR-W-4**
Location:	Benton County	**Approx. Area (acres):**	1.32
Date:	10/9/2002	**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	Surface water connection to other wetlands
	Can't determine if wetland floods or ponds	Adjacent land is mostly developed
	Moderate vegetation cover	No adjacent Water Quality Limited streams
Result:	**Wetland's hydrologic control is impacted or degraded**	
Rationale:	Wetland is not within 100 year floodplain	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 is mostly developed
	Water not taken out	Adjacent zoning is primarily development
	No adjacent Water Quality Limited streams	Herbaceous vegetation, no ponding
Result:	**Wetland has moderate potential for enhancement**	
Rationale:	Wetland functions are impacted or degraded	Wetland is between 0.5 and 5 acres
	Primary water source is precipitation	Wetland buffer is less than 10%
	Water flow is permanently restricted	Potentially sensitive to future impacts
Result:	**Wetland site is not appropriate for educational use**	
Rationale:	No access allowed to wetland	No access point to wetland exists
	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 development
	>50% of wetland can be seen	Natural odors present at wetland
	No visual detractors are present	Continuous traffic and natural noises occur

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**N-GAR-W-4**
Project Location:	Benton County	**Approx. Area (acres):**	1.32
Date:	10/9/2002	**Wetland Types(s):**	PEM

Exclusions **: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

Mandatory Locally Significant Wetland Criteria **: This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat*?		No
2 Is the wetland's *fish habitat function intact*?		No
3 Is the wetland's *water quality function intact*?		No
4 Is the wetland's *hydrologic control function intact*?		No
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list)and is the wetland's *water quality function intact, or impacted or degraded*?		No
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonidsand is the wetland's *fish habitat function intact, or impacted or degraded*?		No
Mandatory Locally Significant Wetland criteria satisfied ?		**No**

Optional Locally Significant Wetland Criteria **: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant communityand provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function*.		No
2 Is the wetland publicly owned and used by a school or organizationand does the wetland provide *educational uses*?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Does not satisfy the criteria, Not a Locally Significant Wetland

Wetland Characterization Sheet

Project Name: Corvallis Natural Resource Inventory

		Wetland Code:	N-GAR-W-4
Date(s) of field work:	10/9/2002	Size (acres):	1.32
Data Sheet Numbers:	OFF-SITE	Cowardin Class(es):	PEM
Investigator(s):	PF	HGM Class(es):	F, DCNP

Location -- Legal:	T. 11S, R. 5W, S. 26
Other:	South of Circle, south of Spruce Ave., west of 9th
Tax Lots:	0
Hydrologic basin:	Garfield
Soil -- Mapped series:	Dayton silt loam
Hydrologic Source:	Precipitation

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
		Agrostis tenuis	Colonial Bentgrass
		Deschampsia cespitosa	Tufted Hairgrass
		Camassia quamash	Common Camas
		Alopecurus pratensis	Meadow Foxtail
		Rumex crispus	Curly Dock
		Ranunculus occidentalis	Western Butter-Cup

Comments:

OFF-SITE. Proposed Century Plaza site DSL WD # 93-0024. Site was formerly a pole and piling treatment facility and remediation was done on the property. Disturbed. Zoned commercial. Adjacent land use is commercial. Three separate wetland depresssions are isolated and no apparent connection to other wetlands or waters.

Adjacent upland species: Rubus discolor, Cerastium sp., Vicia sativa, Festuca arundinacea, Taraxacum officinale, Daucus carota,

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

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**N-GAR-W-5**
Project Location:	Benton County	**Wetland Type(s):**	PEMf

Date(s) of field work:	N/A	**Approx. Area (acres):**	6.75
Onsite Assessment?:	NO	**Investigator(s):**	SE
Wetland Location:	South of Circle Blvd, east of Highway 99W		

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	**C**	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	**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 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	**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 considered to be pleasing

Oregon Freshwater Wetland Assessment Methodology
Functions and Conditions Summary Sheet

Project:	Corvallis Natural Resource Inventory	**Wetland:**	**N-GAR-W-5**
Location:	Benton County	**Approx. Area (acres):**	6.75
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 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
	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, 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 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 groundwater	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

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**N-GAR-W-5**
Project Location:	Benton County	**Approx. Area (acres):**	6.75
Date:	N/A	**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 *diverse wildlife habitat*?		No
2 Is the wetland's *fish habitat function intact*?		No
3 Is the wetland's *water quality function intact*?		No
4 Is the wetland's *hydrologic control function intact*?	Yes	
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list) and is the wetland's *water quality function intact, or impacted or degraded*?		No
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids and is the wetland's *fish habitat function intact, or impacted or degraded*?		No
Mandatory Locally Significant Wetland criteria satisfied ?	**Yes**	

***Optional Locally Significant Wetland Criteria*: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function*.		No
2 Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses*?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Locally Significant Wetland

Wetland Characterization Sheet

Project Name: Corvallis Natural Resource Inventory

		Wetland Code:	N-GAR-W-5
Date(s) of field work:	N/A	Size (acres):	6.75
Data Sheet Numbers:	OFF-SITE	Cowardin Class(es):	PEMf
Investigator(s):	SE	HGM Class(es):	DCNP

Location -- Legal:	**T. 11S, R. 5W, S. 26**
Other:	**South of Circle Blvd, east of Highway 99W**
Tax Lots:	**See accompanying table**
Hydrologic basin:	**Garfield**
Soil -- Mapped series:	**Amity silt loam, Concord silt loam, Dayton silt loam**
Hydrologic Source:	**Groundwater**

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	

Comments: **Locally Significant Wetland**

OFF-SITE. Ag field east of Highway 99W and south of Circle Boulevard. Isolated and farmed emergent wetland. No vegetation due to agricultural conditions. Wetland boundary based upon DSL review of site. Wetland conditions include presence of inundation and mapped hydric soils. Zoned Industrial. Existing land use is commercial/industrial.

Adjacent upland species: *Rubus discolor*

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

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**N-JAC-W-1**
Project Location:	Benton County	**Wetland Type(s):**	PFO/PSS

Date(s) of field work:	N/A	**Approx. Area (acres):**	5.17
Onsite Assessment?:	no	**Investigator(s):**	PF/JVS
Wetland Location:	South and west of Crescent Valley Drive, west of High School		

Function and Condition Assessment Answers

Wildlife Habitat		Fish Habitat		Water Quality		Hydrologic Control		Sensitivity to Impact	
Q	**A**	**Q**	**A**	**Q**	**A**	**Q**	**A**	**Q**	**A**
Q-1	**A**	Q-1	**B**	Q-1	**B**	Q-1	**B**	Q-1	**A**
Q-2	**A**	Q-2	**C**	Q-2	**B**	Q-2	**B**	Q-2	**B**
Q-3	**B**	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	**C**
Q-5	**A**	Q-5	**A**	Q-5	**C**	Q-5	**A**	Q-5	**A**
Q-6	**A**	Q-6	**B**	Q-6	**C**	Q-6	**B**	Q-6	**A**
Q-7	**A**					Q-7	**C**		
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 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		Q-2	**A**	Q-2	**C**	Q-2	**A**
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	**C**	Q-5	**B**	Q-5	**A**
Q-6		Q-6	**B**	Q-6	**B**	Q-6	**A**

Results:

Enhancement Potential	Due to diverse wildlife habitat, this wetland cannot be enhanced
Education	Wetland site is not appropriate for educational use
Recreation	Wetland is not appropriate or does not provide rec. opportunities
Aesthetic Quality	Wetland is considered to be pleasing

Oregon Freshwater Wetland Assessment Methodology
Functions and Conditions Summary Sheet

Project:	Corvallis Natural Resource Inventory	**Wetland:**	**N-JAC-W-1**
Location:	Benton County	**Approx. Area (acres):**	5.17
Date:	N/A	**Wetland Types(s):**	PFO/PSS

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:	**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 primarily open space
	<10% of stream has instream structures	Warmwater fish present in stream
Result:	**Wetland's water-quality function is impacted or degraded**	
Rationale:	Primary water source is precipitation	Wetland is more than 5 acres in size
	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	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 modified or isolated wetland	Adjacent land is primarily open space
	Water not taken out	Adjacent zoning is primarily development
	No adjacent Water Quality Limited streams	Dominated by woody vegetation
Result:	**Due to diverse wildlife habitat, this wetland cannot be enhanced**	
Rationale:		
Result:	**Wetland site is not appropriate for educational use**	
Rationale:	No access allowed to wetland	No access point to wetland exists
	No visible hazards to public	Wetland is not limited mobility accessible
	Other habitats can be observed not accessed	
Result:	**Wetland is not appropriate or does not provide rec. opportunities**	
Rationale:	No access point to wetland exists	Wetland provides diverse wildlife habitat
	No boat launching can be developed	No fishing is allowed
	No trails or viewing areas exist	No hunting is allowed
Result:	**Wetland is considered to be 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

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**N-JAC-W-1**
Project Location:	Benton County	**Approx. Area (acres):**	5.17
Date:	N/A	**Wetland Types(s):**	PFO/PSS

***Exclusions*: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

***Mandatory Locally Significant Wetland Criteria*: This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat*?	Yes	
2 Is the wetland's *fish habitat function intact*?		No
3 Is the wetland's *water quality function intact*?		No
4 Is the wetland's *hydrologic control function intact*?		No
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list) and is the wetland's *water quality function intact, or impacted or degraded*?		No
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids and is the wetland's *fish habitat function intact, or impacted or degraded*?		No
Mandatory Locally Significant Wetland criteria satisfied ?	**Yes**	

***Optional Locally Significant Wetland Criteria*: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function*.		No
2 Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses*?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Locally Significant Wetland

Wetland Characterization Sheet

Project Name: Corvallis Natural Resource Inventory

		Wetland Code:	**N-JAC-W-1**
Date(s) of field work:	**N/A**	Size (acres):	**5.17**
Data Sheet Numbers:	**OFF-SITE**	Cowardin Class(es):	**PFO/PSS**
Investigator(s):	**PF/JVS**	HGM Class(es):	**S/F**

Location -- Legal:	**T. 11S, R. 5W, S. 15**
Other:	**South and west of Crescent Valley Drive, west of High School**
Tax Lots:	**See accompanying table**
Hydrologic basin:	**JACKSON CREEK**
Soil -- Mapped series:	**Bashaw clay, Witham silty clay loam**
Hydrologic Source:	**Groundwater, precipitation**

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
Salix spp.	**Willow**	***Trifolium repens***	**White Clover**
		Juncus tenuis	**Slender Rush**
		Ranunculus orthorhynchus	**Straight-Beak Butter-Cup**
		Agrostis tenuis	**Colonial Bentgrass**
		Holcus lanatus	**Common Velvet Grass**
		Mentha pulegium	**Penny-Royal**
		Alopecurus pratensis	**Meadow Foxtail**

Comments: **Locally Significant Wetland**

OFF-SITE. Wetland boundary determined through aerial photo interpretation. DSL Det #97-0026 and 96-0098. Prior to creation of the pond areas east of the creek were delineated as including seep channels and furrows. Area includes wetlands along both sides of Jackson Creek. Zoned residential. Current land use is rural residential.

Adjacent upland species: Cynosaurus cristatus, Rubus discolor, Hypochaeris radicata

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

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**N-JAC-W-2**
Project Location:	Benton County	**Wetland Type(s):**	PEM, PEMf

Date(s) of field work:	N/A	**Approx. Area (acres):**	1.31
Onsite Assessment?:	no	**Investigator(s):**	PF/JVS
Wetland Location:	South of High School, west of Highland, north of Crescent Valley		

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	**B**	Q-2	**B**	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	**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:	Corvallis Natural Resource Inventory	**Wetland:**	**N-JAC-W-2**
Location:	Benton County	**Approx. Area (acres):**	1.31
Date:	N/A	**Wetland Types(s):**	PEM, 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	Surface water connection to other wetlands
	Can't determine if wetland floods or ponds	Adjacent land use is primarily agriculture
	Moderate vegetation cover	No adjacent Water Quality Limited streams
Result:	**Wetland's hydrologic control is impacted or degraded**	
Rationale:	Wetland is not within 100 year floodplain	Herbaceous vegetation, no ponding
	Can't determine if wetland floods or ponds	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 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 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

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**N-JAC-W-2**
Project Location:	Benton County	**Approx. Area (acres):**	1.31
Date:	N/A	**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 *diverse wildlife habitat*?		No
2 Is the wetland's *fish habitat function intact*?		No
3 Is the wetland's *water quality function intact*?		No
4 Is the wetland's *hydrologic control function intact*?		No
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list)and is the wetland's *water quality function intact, or impacted or degraded*?		No
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonidsand is the wetland's *fish habitat function intact, or impacted or degraded*?		No
Mandatory Locally Significant Wetland criteria satisfied ?		**No**

***Optional Locally Significant Wetland Criteria*: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant communityand provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function* .		No
2 Is the wetland publicly owned and used by a school or organizationand does the wetland provide *educational uses*?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Does not satisfy the criteria, Not a Locally Significant Wetland

Wetland Characterization Sheet

Project Name: Corvallis Natural Resource Inventory

		Wetland Code:	N-JAC-W-2
Date(s) of field work:	N/A	Size (acres):	1.31
Data Sheet Numbers:	OFF-SITE	Cowardin Class(es):	PEM, PEMf
Investigator(s):	PF/JVS	HGM Class(es):	DCNP

Location -- Legal:	**T. 11S, R. 5W, S. 14**
Other:	**South of High School, west of Highland, north of Crescent Valley**
Tax Lots:	**See accompanying table**
Hydrologic basin:	**JACKSON CREEK**
Soil -- Mapped series:	**Bashaw clay**
Hydrologic Source:	**Groundwater, precipitation**

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
		Agrostis tenuis	Colonial Bentgrass
		Juncus tenuis	Slender Rush
		Juncus effusus	Soft Rush
		Agrostis tenuis	Colonial Bentgrass
		Holcus lanatus	Common Velvet Grass

Comments:

OFF-SITE. Small depressional wetland at base of slope in field. Zoned residential. Current land use is agriculture and public facility across the street (High school).

Adjacent upland species: Festuca arundinacea, Lolium perenne

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

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**N-JAC-W-3**
Project Location:	Benton County	**Wetland Type(s):**	PEMf

Date(s) of field work:	10/9/2002	**Approx. Area (acres):**	2.15
Onsite Assessment?:	NO	**Investigator(s):**	PF
Wetland Location:	East of Highland, north of Lester Avenue, south of Jackson 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	B
Q-2	C	Q-2		Q-2	B	Q-2	B	Q-2	B
Q-3	C	Q-3		Q-3	C	Q-3	B	Q-3	C
Q-4	C	Q-4		Q-4	B	Q-4	C	Q-4	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	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 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:	Corvallis Natural Resource Inventory	**Wetland:**	**N-JAC-W-3**
Location:	Benton County	**Approx. Area (acres):**	2.15
Date:	10/9/2002	**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	Surface water connection to other wetlands
	Can't determine if wetland floods or ponds	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
	Can't determine if wetland floods or ponds	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%
	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
	Visual detractors present, can be removed	Some traffic and natural noises are present

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**N-JAC-W-3**
Project Location:	Benton County	**Approx. Area (acres):**	2.15
Date:	10/9/2002	**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 *diverse wildlife habitat*?		No
2 Is the wetland's *fish habitat function intact*?		No
3 Is the wetland's *water quality function intact*?		No
4 Is the wetland's *hydrologic control function intact*?		No
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list) and is the wetland's *water quality function intact, or impacted or degraded*?		No
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids and is the wetland's *fish habitat function intact, or impacted or degraded*?		No
Mandatory Locally Significant Wetland criteria satisfied ?		**No**

***Optional Locally Significant Wetland Criteria*: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function*.		No
2 Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses*?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Does not satisfy the criteria, Not a Locally Significant Wetland

Wetland Characterization Sheet

Project Name: Corvallis Natural Resource Inventory

		Wetland Code:	N-JAC-W-3
Date(s) of field work:	10/9/2002	Size (acres):	2.15
Data Sheet Numbers:	OFF-SITE	Cowardin Class(es):	PEMf
Investigator(s):	PF	HGM Class(es):	S

Location -- Legal:	**T. 11S, R. 5W, S.14**
Other:	**East of Highland, north of Lester Avenue, south of Jackson Creek**
Tax Lots:	**0**
Hydrologic basin:	**Jackson Creek**
Soil -- Mapped series:	**Willamette silt loam, 3-12% slopes**
Hydrologic Source:	**Precipitation**

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
		Alopecurus pratensis	**Meadow Foxtail**
		Holcus lanatus	**Common Velvet Grass**
		Agrostis tenuis	**Colonial Bentgrass**

Comments:

OFF-SITE. Small wetland at edge of field. Drains north to Jackson Creek. Zoned residential. Current land use is agriculture.

Adjacent upland species: Quercus garryana, Festuca arundinacea, Rubus discolor

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

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**N-JAC-W-4**
Project Location:	Benton County	**Wetland Type(s):**	PFO, PSS, PEM, PEMf

Date(s) of field work:	9/27/2002	**Approx. Area (acres):**	234.27
Onsite Assessment?:	NO	**Investigator(s):**	PF
Wetland Location:	South of Lewisburg Avenue, west of Hwy. 99, east of Highland Dr.		

Function and Condition Assessment Answers

Wildlife Habitat		Fish Habitat		Water Quality		Hydrologic Control		Sensitivity to Impact	
Q	**A**	**Q**	**A**	**Q**	**A**	**Q**	**A**	**Q**	**A**
Q-1	**A**	Q-1	**A**	Q-1	**B**	Q-1	**A**	Q-1	**B**
Q-2	**C**	Q-2	**A**	Q-2	**A**	Q-2	**A**	Q-2	**B**
Q-3	**A**	Q-3	**B**	Q-3	**C**	Q-3	**A**	Q-3	**C**
Q-4	**B**	Q-4	**A**	Q-4	**A**	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	**A**	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 intact
Water Quality	Wetland's water-quality function is impacted or degraded
Hydrologic Control	Wetland's hydrologic control is impacted or degraded
Sensitivity to Impact	Wetland is potentially sensitive to future impacts

Function and Condition Assessment Answers

Enhancement Potential		Education		Recreation		Aesthetic Quality	
Q	**A**	**Q**	**A**	**Q**	**A**	**Q**	**A**
Q-1	**A**	Q-1	**C**	Q-1	**C**	Q-1	**A**
Q-2	**C**	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	**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:	Corvallis Natural Resource Inventory	**Wetland:**	**N-JAC-W-4**
Location:	Benton County	**Approx. Area (acres):**	234.27
Date:	9/27/2002	**Wetland Types(s):**	PFO, PSS, PEM, 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
	Between 0.5 - 1 acre of open water	Wetland buffer is less than 10%
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
	10-25% 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 precipitation	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 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
	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
	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:	Corvallis Natural Resource Inventory	**Wetland:**	**N-JAC-W-4**
Project Location:	Benton County	**Approx. Area (acres):**	234.27
Date:	9/27/2002	**Wetland Types(s):**	PFO, PSS, PEM, PEM

***Exclusions*: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

***Mandatory Locally Significant Wetland Criteria*: This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat*?		No
2 Is the wetland's *fish habitat function intact*?	Yes	
3 Is the wetland's *water quality function intact*?		No
4 Is the wetland's *hydrologic control function intact*?		No
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list) and is the wetland's *water quality function intact, or impacted or degraded*?		No
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids and is the wetland's *fish habitat function intact, or impacted or degraded*?	Yes	
Mandatory Locally Significant Wetland criteria satisfied ?	**Yes**	

***Optional Locally Significant Wetland Criteria*: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function*.		No
2 Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses*?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Locally Significant Wetland

Wetland Characterization Sheet

Project Name: Corvallis Natural Resource Inventory

		Wetland Code:	**N-JAC-W-4**
Date(s) of field work:	**9/27/2002**	Size (acres):	**234.27**
Data Sheet Numbers:	**OFF-SITE**	Cowardin Class(es):	**PFO, PSS, PEM, PEMf**
Investigator(s):	**PF**	HGM Class(es):	**RFT, S/F**

Location -- Legal:	**T. 11S, R. 5W, S. 11**
Other:	**South of Lewisburg Avenue, west of Hwy. 99, east of Highland Dr.**
Tax Lots:	**0**
Hydrologic basin:	**JACKSON CREEK**
Soil -- Mapped series:	**Waldo silty clay loam, Willamette silt loam, 0-3% slopes**
Hydrologic Source:	**Precipitation**

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
Fraxinus latifolia	**Oregon Ash**	***Dipsacus sylvestris***	**Teasel**
Populus trichocarpa	**Black Cottonwood**	***Alopecurus pratensis***	**Meadow Foxtail**
Rosa spp.	**Rose**	***Holcus lanatus***	**Common Velvet Grass**
Salix spp.	**Willow**	***Rumex crispus***	**Curly Dock**
		Deschampsia cespitosa	**Tufted Hairgrass**
		Carex spp.	**Sedges**
		Juncus effusus	**Soft Rush**
		Juncus spp.	**Rushes**

Comments: **Locally Significant Wetland**

OFF-SITE. Large wetland complex associated with Frazier Creek. The majority of the wetland is farmed (60%) but portions along the creek are forested (20%), with a small scrub shrub (10%) and emergent community (10%). Frazier Creek is an Essential Salmonid Habitat stream (lower reaches). Creek is culverted under Highland and Highway 99. The area is zoned for residential,with a narrow Open Space Conservation zone along the creek. Several other small intermittent channels drain to Frazier from areas to north. DSL WD #'s 90-113, 98-0234.

Adjacent upland species: Quercus garryana, Rubus discolor, Rhus diversiloba, Festuca arundinacea, Cirsium arvense, Prunus sp., Crataegus monogyna, Lolium spp.

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

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**N-LEW-W-1**
Project Location:	Benton County	**Wetland Type(s):**	PFO, PSS, PEM, PEMf

Date(s) of field work:	10/9/2002	**Approx. Area (acres):**	35.14
Onsite Assessment?:	NO	**Investigator(s):**	PF
Wetland Location:	West of Hwy. 99, north of Lewisburg Ave., east of Highland 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	**B**	Q-1	**A**	Q-1	**B**
Q-2	**C**	Q-2	**B**	Q-2	**B**	Q-2	**B**	Q-2	**B**
Q-3	**A**	Q-3	**C**	Q-3	**A**	Q-3	**A**	Q-3	**C**
Q-4	**C**	Q-4	**A**	Q-4	**A**	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	**A**	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	**A**
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 pleasing

Oregon Freshwater Wetland Assessment Methodology
Functions and Conditions Summary Sheet

Project:	Corvallis Natural Resource Inventory	**Wetland:**	**N-LEW-W-1**
Location:	Benton County	**Approx. Area (acres):**	35.14
Date:	10/9/2002	**Wetland Types(s):**	PFO, PSS, PEM, PEMf

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:	**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 use is primarily agriculture
	<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 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	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 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
	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
	25 - 50% 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:	Corvallis Natural Resource Inventory	**Wetland:**	**N-LEW-W-1**
Project Location:	Benton County	**Approx. Area (acres):**	35.14
Date:	10/9/2002	**Wetland Types(s):**	PFO, PSS, PEM, PEM

***Exclusions*: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

***Mandatory Locally Significant Wetland Criteria*: This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat*?		No
2 Is the wetland's *fish habitat function intact*?		No
3 Is the wetland's *water quality function intact*?		No
4 Is the wetland's *hydrologic control function intact*?		No
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list) and is the wetland's *water quality function intact, or impacted or degraded*?		No
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids and is the wetland's *fish habitat function intact, or impacted or degraded*?		No
Mandatory Locally Significant Wetland criteria satisfied ?		**No**

***Optional Locally Significant Wetland Criteria*: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function*.		No
2 Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses*?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Does not satisfy the criteria, Not a Locally Significant Wetland

Wetland Characterization Sheet

Project Name: Corvallis Natural Resource Inventory

		Wetland Code:	**N-LEW-W-1**
Date(s) of field work:	**10/9/2002**	Size (acres):	**35.14**
Data Sheet Numbers:	**OFF-SITE**	Cowardin Class(es):	**PFO, PSS, PEM, PEMf**
Investigator(s):	**PF**	HGM Class(es):	**RFT, S/F**

Location -- Legal:	**T. 11S, R. 5W, S. 11**
Other:	**West of Hwy. 99, north of Lewisburg Ave., east of Highland Drive**
Tax Lots:	**See accompanying table**
Hydrologic basin:	**LEWISBURG**
Soil -- Mapped series:	**Waldo silty clay loam**
Hydrologic Source:	**Precipitation, surface water**

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
Fraxinus latifolia	**Oregon Ash**	***Alopecurus pratensis***	**Meadow Foxtail**
Populus trichocarpa	**Black Cottonwood**	***Holcus lanatus***	**Common Velvet Grass**
Rosa spp.	**Rose**	***Agrostis tenuis***	**Colonial Bentgrass**
Crataegus douglasii	**Douglas' Hawthorn**	***Carex densa***	**Dense Sedge**
		Deschampsia cespitosa	**Tufted Hairgrass**

Comments:

OFF-SITE. Large wetland complex with combination of emergent (60%), scrub shrub (15%), and forested (20%). Drainage through middle of wet swale drains east under Highway 99. Wetland branches to north and south and hydrologically connected to wetlands upslope and outside of UGB. Zoned residential. Currently rural residential and agriculture. DSL WD # 91-136.

Adjacent upland species: Pseudotsuga menziesii, Festuca arundinacea, Cirsium arvense, Taraxacum officinale, Hypochaeris radicata

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

Wetland Characterization Sheet

Project Name: Corvallis Natural Resource Inventory

		Wetland Code:	N-LEW-W-2
Date(s) of field work:	10/9/2002	Size (acres):	24.73
Data Sheet Numbers:	OFF-SITE	Cowardin Class(es):	PEMf, PEM
Investigator(s):	PF	HGM Class(es):	S/F

Location -- Legal:	**T. 11S, R. 5W, S. 12**
Other:	**South of Mtn. View School, east of Elliot Circle**
Tax Lots:	**See accompanying table**
Hydrologic basin:	**Lewisburg**
Soil -- Mapped series:	**Dayton silt loam, Woodburn silt loam, 0-3% slopes**
Hydrologic Source:	**Precipitation, surface water**

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
		Agrostis tenuis	Colonial Bentgrass
		Alopecurus pratensis	Meadow Foxtail
		Holcus lanatus	Common Velvet Grass

Comments:

OFF-SITE. Large wet swale drains to southeast and outside UGB. Mostly farmed wetland (80%). Zoned residential. Current land use is agriculture with residential to the south.

Adjacent upland species: Festuca arundinacea, Cirsium arvense

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

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**N-LEW-W-2**
Project Location:	Benton County	**Wetland Type(s):**	PEMf, PEM

Date(s) of field work:	10/9/2002	**Approx. Area (acres):**	24.73
Onsite Assessment?:	NO	**Investigator(s):**	PF
Wetland Location:	South of Mtn. View School, east of Elliot 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	**C**	Q-1		Q-1	**B**	Q-1	**B**	Q-1	**B**
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	**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	**B**
Q-3		Q-3	**B**	Q-3	**C**	Q-3	**B**
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	**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:	Corvallis Natural Resource Inventory	**Wetland:**	**N-LEW-W-2**
Location:	Benton County	**Approx. Area (acres):**	24.73
Date:	10/9/2002	**Wetland Types(s):**	PEMf, 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 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
	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	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 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 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	Continuous traffic and natural noises occur

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**N-LEW-W-2**
Project Location:	Benton County	**Approx. Area (acres):**	24.73
Date:	10/9/2002	**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 *diverse wildlife habitat*?		No
2 Is the wetland's *fish habitat function intact*?		No
3 Is the wetland's *water quality function intact*?		No
4 Is the wetland's *hydrologic control function intact*?		No
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list) and is the wetland's *water quality function intact, or impacted or degraded*?		No
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids and is the wetland's *fish habitat function intact, or impacted or degraded*?		No
Mandatory Locally Significant Wetland criteria satisfied ?		**No**

***Optional Locally Significant Wetland Criteria*: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function*.		No
2 Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses*?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Does not satisfy the criteria, Not a Locally Significant Wetland

Oregon Freshwater Wetland Assessment Methodology

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Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**N-NOR-W-1**
Project Location:	Benton County	**Wetland Type(s):**	PFO, PEMf

Date(s) of field work:	10/9/2002	**Approx. Area (acres):**	30.16
Onsite Assessment?:	NO	**Investigator(s):**	PF
Wetland Location:	West of Hwy 99, north of Good Samaritan Hospital, east of Highland		

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	B
Q-2	C	Q-2	B	Q-2	B	Q-2	B	Q-2	B
Q-3	B	Q-3	C	Q-3	C	Q-3	A	Q-3	C
Q-4	C	Q-4	A	Q-4	A	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	A		
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	B
Q-2	C	Q-2	A	Q-2	C	Q-2	A
Q-3		Q-3	B	Q-3	C	Q-3	B
Q-4	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	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 pleasing

Oregon Freshwater Wetland Assessment Methodology
Functions and Conditions Summary Sheet

Project:	Corvallis Natural Resource Inventory	**Wetland:**	**N-NOR-W-1**
Location:	Benton County	**Approx. Area (acres):**	30.16
Date:	10/9/2002	**Wetland Types(s):**	PFO, PEMf

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:	**Wetland's fish habitat function is impacted or degraded**	
Rationale:	25-50% of stream is shaded	No adjacent Water Quality Limited streams
	Only portions of stream are modified	Adjacent land use is primarily agriculture
	<10% of stream has instream structures	Warmwater fish present in stream
Result:	**Wetland's water-quality function is impacted or degraded**	
Rationale:	Primary water source is precipitation	Wetland is more than 5 acres in size
	Can't determine if wetland floods or ponds	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
	Can't determine if wetland floods or ponds	Agriculture downslope of wetland
	Water has unrestricted flow out of wetland	Development upslope of wetland
Result:	**Wetland is potentially sensitive to future impacts**	
Rationale:	Stream not modified	Adjacent land 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%
	Water flow is permanently restricted	Potentially sensitive to future impacts
Result:	**Wetland site is not appropriate for educational use**	
Rationale:	No access allowed to wetland	No access point to wetland exists
	No visible hazards to public	Wetland is not limited mobility accessible
	Other habitats can be observed not accessed	
Result:	**Wetland is not appropriate or does not provide rec. opportunities**	
Rationale:	No access point to wetland exists	Wetland provides habitat for some wildlife
	No boat launching can be developed	No fishing is allowed
	No trails or viewing areas exist	No hunting is allowed
Result:	**Wetland is considered to be pleasing**	
Rationale:	Two Cowardin classes visible	Wetland surrounded by landscaped areas
	>50% of wetland can be seen	Natural odors present at wetland
	Visual detractors present, can be removed	Continuous traffic and natural noises occur

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**N-NOR-W-1**
Project Location:	Benton County	**Approx. Area (acres):**	30.16
Date:	10/9/2002	**Wetland Types(s):**	PFO, 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 *diverse wildlife habitat*?		No
2 Is the wetland's *fish habitat function intact*?		No
3 Is the wetland's *water quality function intact*?		No
4 Is the wetland's *hydrologic control function intact*?		No
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list)and is the wetland's *water quality function intact, or impacted or degraded*?		No
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonidsand is the wetland's *fish habitat function intact, or impacted or degraded*?		No
Mandatory Locally Significant Wetland criteria satisfied ?		**No**

***Optional Locally Significant Wetland Criteria*: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant communityand provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function*.		No
2 Is the wetland publicly owned and used by a school or organizationand does the wetland provide *educational uses*?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Does not satisfy the criteria, Not a Locally Significant Wetland

Wetland Characterization Sheet

Project Name: Corvallis Natural Resource Inventory

		Wetland Code:	N-NOR-W-1
Date(s) of field work:	10/9/2002	Size (acres):	30.16
Data Sheet Numbers:	OFF-SITE	Cowardin Class(es):	PFO, PEMf
Investigator(s):	PF	HGM Class(es):	RFT, S/F

Location -- Legal:	T. 11S, R. 5W, S. 14, 23
Other:	West of Hwy 99, north of Good Samaritan Hospital, east of Highland
Tax Lots:	0
Hydrologic basin:	North East Corvallis
Soil -- Mapped series:	Waldo silty clay loam
Hydrologic Source:	Precipitation

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
Fraxinus latifolia	Oregon Ash	*Holcus lanatus*	Common Velvet Grass
Populus trichocarpa	Black Cottonwood	*Agrostis tenuis*	Colonial Bentgrass
Crataegus douglasii	Douglas' Hawthorn	*Juncus effusus*	Soft Rush
Rosa sp.	Rose	*Alopecurus pratensis*	Meadow Foxtail

Comments:

OFF-SITE. Drainage from Highland Drive area drains north through large agricultural field. Majority of wetland is farmed (80%), with a small (20%) forested component immediately adjacent to the stream. Zoned residential and Public Facility (Good Samaritan Hospital). Land use is currently agricultural, with upper headwaters of stream residential.

Adjacent upland species: Prunus sp., Rubus discolor, Cirsium arvense, Daucus carota

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

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**N-SEQ-M70-1**
Project Location:	Benton County	**Wetland Type(s):**	PSS, PEM

Date(s) of field work:	10/9/2002	**Approx. Area (acres):**	11.00
Onsite Assessment?:	NO	**Investigator(s):**	PF/JVS
Wetland Location:	North of Circle Blvd, south of Conser Street, east of RR tracks		

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	**C**	Q-2	**C**	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	**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	**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	**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	**C**	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 has potential 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:	Corvallis Natural Resource Inventory	**Wetland:**	**N-SEQ-M70-1**
Location:	Benton County	**Approx. Area (acres):**	11.00
Date:	10/9/2002	**Wetland Types(s):**	PSS, PEM

Result:	**Wetland provides habitat for some wildlife species**	
Rationale:	More than one Cowardin class	No adjacent Water Quality limited streams
	Herbaceous vegetation, no ponding	Adjacent land is mostly developed
	Less than 0.5 acres of open water	Wetland buffer is less than 10%
Result:	**Fish habitat was not assessed for this wetland**	
Rationale:		
Result:	**Wetland's water-quality function is impacted or degraded**	
Rationale:	Primary water source is precipitation	Wetland is more than 5 acres in size
	Wetland does not flood or pond	Adjacent land is mostly developed
	Moderate vegetation cover	No adjacent Water Quality Limited streams
Result:	**Wetland's hydrologic control is impacted or degraded**	
Rationale:	Wetland is not within 100 year floodplain	Herbaceous vegetation, no ponding
	Wetland does not flood or pond	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 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%
	Water flow is permanently 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
	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 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

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**N-SEQ-M70-1**
Project Location:	Benton County	**Approx. Area (acres):**	11
Date:	10/9/2002	**Wetland Types(s):**	PSS, PEM

***Exclusions*: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

***Mandatory Locally Significant Wetland Criteria*: This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat*?		No
2 Is the wetland's *fish habitat function intact*?		No
3 Is the wetland's *water quality function intact*?		No
4 Is the wetland's *hydrologic control function intact*?		No
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list) and is the wetland's *water quality function intact, or impacted or degraded*?		No
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids and is the wetland's *fish habitat function intact, or impacted or degraded*?		No
Mandatory Locally Significant Wetland criteria satisfied ?		**No**

***Optional Locally Significant Wetland Criteria*: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function*.		No
2 Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses*?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Does not satisfy the criteria, Not a Locally Significant Wetland

Wetland Characterization Sheet

Project Name: Corvallis Natural Resource Inventory

		Wetland Code:	N-SEQ-M70-1
Date(s) of field work:	10/9/2002	Size (acres):	11.00
Data Sheet Numbers:	OFF-SITE	Cowardin Class(es):	PSS, PEM
Investigator(s):	PF/JVS	HGM Class(es):	F

Location -- Legal:	T. 11S, R. 5W, S. 25
Other:	North of Circle Blvd, south of Conser Street, east of RR tracks
Tax Lots:	See accompanying table
Hydrologic basin:	SEQUOIA CREEK
Soil -- Mapped series:	Dayton silt loam
Hydrologic Source:	Precipitation

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
Fraxinus latifolia	Oregon Ash	*Grindelia integrifolia*	Puget Sound Gumweed
Populus trichocarpa	Black Cottonwood	*Agrostis tenuis*	Colonial Bentgrass
		Juncus patens	Spreading Rush
		Deschampsia cespitosa	Tufted Hairgrass
		Holcus lanatus	Common Velvet Grass
		Boisduvalia stricta	Brook Spike-Primrose

Comments:

OFF-SITE. Series of wet meadow areas separated by Jasper Street and Sorrel Place. Area appears to seasonally pond water. May be a mosaic of 70% wetland and 30% upland. Zoned residential and adjacent land use is residential. No apparent surface water connection to other wetlands but probably was once connected to other wetlands to south of Seavey and north of Conser. DSL WD #'s 91-0028, 97-0382, 98-0520.

Adjacent upland species: Festuca arundinacea, Daucus carota, Rubus discolor, Chrysanthemum leucanthemum, Hypochaeris radicata, Parentucellia viscosa

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

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**N-SEQ-W-2**
Project Location:	Benton County	**Wetland Type(s):**	PEM, PFO

Date(s) of field work:	N/A	**Approx. Area (acres):**	0.96
Onsite Assessment?:	NO	**Investigator(s):**	PF
Wetland Location:	Sequoia Creek, Highland Dell subdivision, west of Highland		

Function and Condition Assessment Answers

Wildlife Habitat		Fish Habitat		Water Quality		Hydrologic Control		Sensitivity to Impact	
Q	**A**	**Q**	**A**	**Q**	**A**	**Q**	**A**	**Q**	**A**
Q-1	**A**	Q-1	**B**	Q-1	**A**	Q-1	**B**	Q-1	**B**
Q-2	**C**	Q-2	**A**	Q-2	**A**	Q-2	**A**	Q-2	**B**
Q-3	**B**	Q-3	**C**	Q-3	**A**	Q-3	**B**	Q-3	**C**
Q-4	**C**	Q-4	**A**	Q-4	**B**	Q-4	**C**	Q-4	**A**
Q-5	**A**	Q-5	**C**	Q-5	**A**	Q-5	**C**	Q-5	**A**
Q-6	**A**	Q-6	**A**	Q-6	**C**	Q-6	**A**	Q-6	**C**
Q-7	**A**					Q-7	**A**		
Q-8	**C**								
Q-9A									
Q-9B	**B**								

Results:

Wildlife Habitat	Wetland provides habitat for some wildlife species
Fish Habitat	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	**A**
Q-2	**A**	Q-2	**A**	Q-2	**C**	Q-2	**A**
Q-3	**C**	Q-3	**B**	Q-3	**C**	Q-3	**A**
Q-4	**B**	Q-4	**B**	Q-4	**B**	Q-4	**B**
Q-5B	**B**	Q-5	**C**	Q-5	**B**	Q-5	**A**
Q-6	**B**	Q-6	**B**	Q-6	**B**	Q-6	**A**

Results:

Enhancement Potential	Wetland has high enhancement potential
Education	Wetland site is not appropriate for educational use
Recreation	Wetland is not appropriate or does not provide rec. opportunities
Aesthetic Quality	Wetland is considered to be pleasing

Oregon Freshwater Wetland Assessment Methodology
Functions and Conditions Summary Sheet

Project:	Corvallis Natural Resource Inventory	**Wetland:**	**N-SEQ-W-2**
Location:	Benton County	**Approx. Area (acres):**	0.96
Date:	N/A	**Wetland Types(s):**	PEM, 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 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 is in a natural channel	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	Surface water connection to other wetlands
	Wetland floods/ponds in growing season	Adjacent land is mostly developed
	High wetland vegetation cover	No adjacent Water Quality Limited streams
Result:	**Wetland's hydrologic control is impacted or degraded**	
Rationale:	Wetland is not within 100 year floodplain	Herbaceous vegetation, no ponding
	Wetland floods/ponds in growing season	Development downslope of wetland
	Water has unrestricted flow out of wetland	Development upslope of wetland
Result:	**Wetland is potentially sensitive to future impacts**	
Rationale:	Stream 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 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
	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

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**N-SEQ-W-2**
Project Location:	Benton County	**Approx. Area (acres):**	0.96
Date:	N/A	**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 *diverse wildlife habitat*?		No
2 Is the wetland's *fish habitat function intact*?		No
3 Is the wetland's *water quality function intact*?	Yes	
4 Is the wetland's *hydrologic control function intact*?		No
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list) and is the wetland's *water quality function intact, or impacted or degraded*?		No
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids and is the wetland's *fish habitat function intact, or impacted or degraded*?		No
Mandatory Locally Significant Wetland criteria satisfied ?	**Yes**	

***Optional Locally Significant Wetland Criteria*: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function*.		No
2 Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses*?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Locally Significant Wetland

Wetland Characterization Sheet

Project Name: Corvallis Natural Resource Inventory

		Wetland Code:	**N-SEQ-W-2**
Date(s) of field work:	**N/A**	Size (acres):	**0.96**
Data Sheet Numbers:	**OFF-SITE**	Cowardin Class(es):	**PEM, PFO**
Investigator(s):	**PF**	HGM Class(es):	**RFT, S/F**

Location -- Legal:	**T. 11S, R. 5W, S. 23**
Other:	**Sequoia Creek, Highland Dell subdivision, west of Highland**
Tax Lots:	**0**
Hydrologic basin:	**Sequoia Creek**
Soil -- Mapped series:	**Waldo silty clay loam**
Hydrologic Source:	**Surface water**

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
Fraxinus latifolia	**Oregon Ash**	***Juncus effusus***	**Soft Rush**
Populus trichocarpa	**Black Cottonwood**	***Veronica americana***	**American Speedwell**
Rubus spectabilis	**Salmonberry**	***Holcus lanatus***	**Common Velvet Grass**
Alnus rubra	**Red Alder**	***Agrostis tenuis***	**Colonial Bentgrass**
		Juncus tenuis	**Slender Rush**
		Lotus corniculatus	**Birds-Foot Trefoil**
		Rumex crispus	**Curly Dock**
		Athyrium filix-femina	**Subarctic Lady Fern**

Comments: **Locally Significant Wetland**

OFF-SITE. Wetland adjacent to Sequoia Creek. Combination of forested (10%), and emergent (90%). Located at entrance to Highland Dell subdivision. DSL WD # 96-0001. Adjacent land use is residential. Zoned residential.

Adjacent upland species: Acer macrophyllum, Sambucus sp., Rubus discolor, Polystichum munitum, Symphoricarpos albus, Festuca arundinacea, Cirsium arvense, Cytisus scoparius

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

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**N-SEQ-W-3**
Project Location:	Benton County	**Wetland Type(s):**	PEM

Date(s) of field work:	OFF-SITE	**Approx. Area (acres):**	0.70
Onsite Assessment?:	No	**Investigator(s):**	PF
Wetland Location:	West of Hwy 99, north of Elks Drive, southeast of Good Samaritan		

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	**0**	Q-1	**B**	Q-1	**B**	Q-1	**B**
Q-2	**C**	Q-2	**C**	Q-2	**B**	Q-2	**B**	Q-2	**B**
Q-3	**C**	Q-3	**C**	Q-3	**B**	Q-3	**B**	Q-3	**C**
Q-4	**C**	Q-4		Q-4	**B**	Q-4	**C**	Q-4	**A**
Q-5	**B**	Q-5		Q-5	**A**	Q-5	**C**	Q-5	**A**
Q-6	**B**	Q-6	**C**	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	**C**
Q-5B	**C**	Q-5	**C**	Q-5	**B**	Q-5	**A**
Q-6	**B**	Q-6	**A**	Q-6	**B**	Q-6	**B**

Results:

Enhancement Potential	Wetland has moderate potential for enhancement
Education	Wetland 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:	Corvallis Natural Resource Inventory	**Wetland:**	**N-SEQ-W-3**
Location:	Benton County	**Approx. Area (acres):**	0.70
Date:	OFF-SITE	**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	Surface water connection to other wetlands
	Can't determine if wetland floods or ponds	Adjacent land is mostly developed
	Moderate vegetation cover	No adjacent Water Quality Limited streams
Result:	**Wetland's hydrologic control is impacted or degraded**	
Rationale:	Wetland is not within 100 year floodplain	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 is mostly developed
	Water not taken out	Adjacent zoning is primarily development
	No adjacent Water Quality Limited streams	Herbaceous vegetation, no ponding
Result:	**Wetland has moderate potential for enhancement**	
Rationale:	Wetland functions are impacted or degraded	Wetland is between 0.5 and 5 acres
	Primary water source is precipitation	Wetland buffer is less than 10%
	Water flow is permanently restricted	Potentially sensitive to future impacts
Result:	**Wetland site is not appropriate for educational use**	
Rationale:	No access allowed to wetland	No access point to wetland exists
	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 development
	>50% of wetland can be seen	Natural odors present at wetland
	No visual detractors are present	Continuous traffic and natural noises occur

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**N-SEQ-W-3**
Project Location:	Benton County	**Approx. Area (acres):**	0.7
Date:	OFF-SITE	**Wetland Types(s):**	PEM

***Exclusions*: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

***Mandatory Locally Significant Wetland Criteria*: This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat*?		No
2 Is the wetland's *fish habitat function intact*?		No
3 Is the wetland's *water quality function intact*?		No
4 Is the wetland's *hydrologic control function intact*?		No
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list) and is the wetland's *water quality function intact, or impacted or degraded*?		No
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids and is the wetland's *fish habitat function intact, or impacted or degraded*?		No
Mandatory Locally Significant Wetland criteria satisfied ?		**No**

***Optional Locally Significant Wetland Criteria*: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function*.		No
2 Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses*?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Does not satisfy the criteria, Not a Locally Significant Wetland

Wetland Characterization Sheet

Project Name: Corvallis Natural Resource Inventory

		Wetland Code:	**N-SEQ-W-3**
Date(s) of field work:	**OFF-SITE**	Size (acres):	**0.70**
Data Sheet Numbers:	**OFF-SITE**	Cowardin Class(es):	**PEM**
Investigator(s):	**PF**	HGM Class(es):	**S/F**

Location -- Legal:	**T. 11S, R. 5W, S. 23**
Other:	**West of Hwy 99, north of Elks Drive, southeast of Good Samaritan**
Tax Lots:	**0**
Hydrologic basin:	**SEQUOIA CREEK**
Soil -- Mapped series:	**Hazelair complex 3-12% slopes**
Hydrologic Source:	**Precipitation**

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
		Agrostis tenuis	**Colonial Bentgrass**
		Alopecurus pratensis	**Meadow Foxtail**
		Holcus lanatus	**Common Velvet Grass**

Comments:

OFF-SITE. DSL WD # 99-0339. Slope wetland near Good Samaritan Hospital. Slopes to east to highway.Zoned Public facility.

Adjacent upland species: Festuca arundinacea

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

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**N-SEQ-W-4**
Project Location:	Benton County	**Wetland Type(s):**	PEM

Date(s) of field work:	N/A	**Approx. Area (acres):**	0.64
Onsite Assessment?:	NO	**Investigator(s):**	PF
Wetland Location:	South of Circle, east of Highland		

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	**0**	Q-1	**B**	Q-1	**B**	Q-1	**B**
Q-2	**C**	Q-2	**C**	Q-2	**B**	Q-2	**B**	Q-2	**B**
Q-3	**C**	Q-3	**C**	Q-3	**B**	Q-3	**B**	Q-3	**C**
Q-4	**C**	Q-4		Q-4	**B**	Q-4	**C**	Q-4	**A**
Q-5	**B**	Q-5		Q-5	**A**	Q-5	**C**	Q-5	**A**
Q-6	**B**	Q-6	**C**	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	**C**
Q-5B	**C**	Q-5	**C**	Q-5	**B**	Q-5	**A**
Q-6	**B**	Q-6	**A**	Q-6	**B**	Q-6	**B**

Results:

Enhancement Potential	Wetland has moderate potential for enhancement
Education	Wetland 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:	Corvallis Natural Resource Inventory	**Wetland:**	**N-SEQ-W-4**
Location:	Benton County	**Approx. Area (acres):**	0.64
Date:	N/A	**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	Surface water connection to other wetlands
	Can't determine if wetland floods or ponds	Adjacent land is mostly developed
	Moderate vegetation cover	No adjacent Water Quality Limited streams
Result:	**Wetland's hydrologic control is impacted or degraded**	
Rationale:	Wetland is not within 100 year floodplain	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 is mostly developed
	Water not taken out	Adjacent zoning is primarily development
	No adjacent Water Quality Limited streams	Herbaceous vegetation, no ponding
Result:	**Wetland has moderate potential for enhancement**	
Rationale:	Wetland functions are impacted or degraded	Wetland is between 0.5 and 5 acres
	Primary water source is precipitation	Wetland buffer is less than 10%
	Water flow is permanently restricted	Potentially sensitive to future impacts
Result:	**Wetland site is not appropriate for educational use**	
Rationale:	No access allowed to wetland	No access point to wetland exists
	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 development
	>50% of wetland can be seen	Natural odors present at wetland
	No visual detractors are present	Continuous traffic and natural noises occur

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**N-SEQ-W-4**
Project Location:	Benton County	**Approx. Area (acres):**	0.64
Date:	N/A	**Wetland Types(s):**	PEM

***Exclusions*: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

***Mandatory Locally Significant Wetland Criteria*: This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat*?		No
2 Is the wetland's *fish habitat function intact*?		No
3 Is the wetland's *water quality function intact*?		No
4 Is the wetland's *hydrologic control function intact*?		No
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list) and is the wetland's *water quality function intact, or impacted or degraded*?		No
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids and is the wetland's *fish habitat function intact, or impacted or degraded*?		No
Mandatory Locally Significant Wetland criteria satisfied ?		**No**

***Optional Locally Significant Wetland Criteria*: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function*.		No
2 Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses*?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Does not satisfy the criteria, Not a Locally Significant Wetland

Wetland Characterization Sheet

Project Name: Corvallis Natural Resource Inventory

		Wetland Code:	N-SEQ-W-4
Date(s) of field work:	N/A	Size (acres):	0.64
Data Sheet Numbers:	OFF-SITE	Cowardin Class(es):	PEM
Investigator(s):	PF	HGM Class(es):	F

Location -- Legal:	**T. 11S, R. 5W, S. 26**
Other:	**South of Circle, east of Highland**
Tax Lots:	**0**
Hydrologic basin:	**SEQUOIA CREEK**
Soil -- Mapped series:	**Dayton silt loam**
Hydrologic Source:	**Precipitation**

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
		Agrostis tenuis	**Colonial Bentgrass**
		Alopecurus pratensis	**Meadow Foxtail**
		Rumex crispus	**Curly Dock**

Comments:

OFF-SITE. Isolated wetland in field within developed residential area.

Adjacent upland species: Festuca arundinacea, Taraxacum officinale, Daucus carota

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

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**N-SEQ-W-5**
Project Location:	Benton County	**Wetland Type(s):**	PFO, PSS, PEM

Date(s) of field work:	10/9/2002	**Approx. Area (acres):**	7.03
Onsite Assessment?:	NO	**Investigator(s):**	PF
Wetland Location:	North of Circle Blvd, south of Conser Street, east of RR tracks		

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	**A**	Q-1	**B**
Q-2	**C**	Q-2	**A**	Q-2	**B**	Q-2	**B**	Q-2	**B**
Q-3	**A**	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	**C**	Q-5	**A**
Q-6	**A**	Q-6	**A**	Q-6	**C**	Q-6	**A**	Q-6	**C**
Q-7	**A**					Q-7	**A**		
Q-8	**C**								
Q-9A									
Q-9B	**B**								

Results:

Wildlife Habitat	Wetland provides habitat for some wildlife species
Fish Habitat	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	**A**
Q-2	**C**	Q-2	**B**	Q-2	**C**	Q-2	**B**
Q-3		Q-3	**B**	Q-3	**C**	Q-3	**A**
Q-4	**A**	Q-4	**C**	Q-4	**B**	Q-4	**B**
Q-5B	**B**	Q-5	**C**	Q-5	**B**	Q-5	**A**
Q-6	**B**	Q-6	**B**	Q-6	**B**	Q-6	**A**

Results:

Enhancement Potential	Wetland has 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:	Corvallis Natural Resource Inventory	**Wetland:**	**N-SEQ-W-5**
Location:	Benton County	**Approx. Area (acres):**	7.03
Date:	10/9/2002	**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 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
	Stream is in a natural channel	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 precipitation	Wetland is more than 5 acres in size
	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 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 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 precipitation	Wetland buffer is between 10% and 40%
	Water flow is permanently restricted	Potentially sensitive to future impacts
Result:	**Wetland site is not appropriate for educational use**	
Rationale:	No access allowed to wetland	No access point to wetland exists
	1 or 2 visible safety hazards	Wetland is not limited mobility accessible
	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
	25 - 50% 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:	Corvallis Natural Resource Inventory	**Wetland:**	**N-SEQ-W-5**
Project Location:	Benton County	**Approx. Area (acres):**	7.03
Date:	10/9/2002	**Wetland Types(s):**	PFO, PSS, PEM

***Exclusions*: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

***Mandatory Locally Significant Wetland Criteria*: This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat*?		No
2 Is the wetland's *fish habitat function intact*?		No
3 Is the wetland's *water quality function intact*?		No
4 Is the wetland's *hydrologic control function intact*?	Yes	
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list) and is the wetland's *water quality function intact, or impacted or degraded*?		No
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids and is the wetland's *fish habitat function intact, or impacted or degraded*?		No
Mandatory Locally Significant Wetland criteria satisfied ?	**Yes**	

***Optional Locally Significant Wetland Criteria*: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function*.		No
2 Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses*?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Locally Significant Wetland

Wetland Characterization Sheet

Project Name: Corvallis Natural Resource Inventory

		Wetland Code:	N-SEQ-W-5
Date(s) of field work:	10/9/2002	Size (acres):	7.03
Data Sheet Numbers:	OFF-SITE	Cowardin Class(es):	PFO, PSS, PEM
Investigator(s):	PF	HGM Class(es):	S/F, RFT

Location -- Legal:	**T. 11S, R. 5W, S. 25**
Other:	**North of Circle Blvd, south of Conser Street, east of RR tracks**
Tax Lots:	**See accompanying table**
Hydrologic basin:	**Sequoia Creek**
Soil -- Mapped series:	**Dayton silt loam**
Hydrologic Source:	**Precipitation**

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
Fraxinus latifolia	Oregon Ash	*Deschampsia cespitosa*	Tufted Hairgrass
Populus trichocarpa	Black Cottonwood	*Agrostis tenuis*	Colonial Bentgrass
Salix piperi	Piper's Willow	*Alopecurus pratensis*	Meadow Foxtail
Crataegus douglasii	Douglas' Hawthorn	*Agrostis stolonifera*	Spreading Bentgrass
		Juncus tenuis	Slender Rush
		Boisduvalia densiflora	Dense-Flower Spike-Primrose
		Rumex crispus	Curly Dock
		Rumex salicifolius	Willow Dock
		Phalaris arundinacea	Reed Canary Grass

Comments: **Locally Significant Wetland**

OFF-SITE. Wetland adjacent to Sequoia Creek. Combination of forested (10%), scrub shrub (40%) and emergent (50%). In floodplain of creek. Zoned for residential and adjacent land use is residential. Sequoia Creek drains to the east and out of UGB. Also connection to drainage from Stewart Lake to south. DSL WD #'s 95-0290, 96-0003.

Adjacent upland species: Daucus carota, Agropyron repens, Rhus diversiloba, Rubus discolor, Cirsium arvense, Cytisus scoparius, Cirsium vulgare, Lactuca serriola, Madia glomerata, Phleum pratense, Festuca arundinacea, Chrysanthemum leucanthemum, Hypericum perforatum, Epilobium paniculatum, Centaurium umbellatum

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

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**N-VIL-M70-1**
Project Location:	Benton County	**Wetland Type(s):**	PFO, PSS, PEM

Date(s) of field work:	10/9/2002	**Approx. Area (acres):**	1.97
Onsite Assessment?:	YES	**Investigator(s):**	PF
Wetland Location:	Northwest of Lancaster Street, south of Jackson-Frazier wetland		

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	**C**	Q-2		Q-2	**A**	Q-2	**A**	Q-2	**B**
Q-3	**A**	Q-3		Q-3	**B**	Q-3	**B**	Q-3	**C**
Q-4	**C**	Q-4		Q-4	**B**	Q-4	**C**	Q-4	**A**
Q-5	**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	**C**		
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	**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	**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 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:	Corvallis Natural Resource Inventory	**Wetland:**	**N-VIL-M70-1**
Location:	Benton County	**Approx. Area (acres):**	1.97
Date:	10/9/2002	**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 mostly developed
	Less than 0.5 acres of open water	Wetland buffer is less than 10%
Result:	**Fish habitat was not assessed for this wetland**	
Rationale:		
Result:	**Wetland's water-quality function is impacted or degraded**	
Rationale:	Primary water source is precipitation	Surface water connection to other wetlands
	Wetland floods/ponds in growing season	Adjacent land is mostly developed
	Moderate 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	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 modified or isolated wetland	Adjacent land is mostly developed
	Water not taken out	Adjacent zoning is primarily development
	No adjacent Water Quality Limited streams	Herbaceous vegetation, no ponding
Result:	**Wetland has moderate potential for enhancement**	
Rationale:	Wetland functions are impacted or degraded	Wetland is 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 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
	>50% 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:	Corvallis Natural Resource Inventory	**Wetland:**	**N-VIL-M70-1**
Project Location:	Benton County	**Approx. Area (acres):**	1.97
Date:	10/9/2002	**Wetland Types(s):**	PFO, PSS, PEM

***Exclusions*: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

***Mandatory Locally Significant Wetland Criteria*: This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat*?		No
2 Is the wetland's *fish habitat function intact*?		No
3 Is the wetland's *water quality function intact*?		No
4 Is the wetland's *hydrologic control function intact*?		No
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list) and is the wetland's *water quality function intact, or impacted or degraded*?		No
6 Does the wetland contain a rare plant community?	Yes	
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 and is the wetland's *fish habitat function intact, or impacted or degraded*?		No
Mandatory Locally Significant Wetland criteria satisfied ?	**Yes**	

***Optional Locally Significant Wetland Criteria*: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function*.	Yes	
2 Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses*?		No
Optional Locally Significant Wetland criteria satisfied ?	**Yes**	

Locally Significant Wetland

Wetland Characterization Sheet

Project Name: Corvallis Natural Resource Inventory

		Wetland Code:	**N-VIL-M70-1**
Date(s) of field work:	**10/9/2002**	Size (acres):	**1.97**
Data Sheet Numbers:	**9,10**	Cowardin Class(es):	**PFO, PSS, PEM**
Investigator(s):	**PF**	HGM Class(es):	**S/F**

Location -- Legal:	**T. 11S, R. 5W, S. 24**
Other:	**Northwest of Lancaster Street, south of Jackson-Frazier wetland**
Tax Lots:	**0**
Hydrologic basin:	**Village Green**
Soil -- Mapped series:	**Bashaw clay**
Hydrologic Source:	**Precipitation**

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
Fraxinus latifolia	**Oregon Ash**	***Deschampsia cespitosa***	**Tufted Hairgrass**
Crataegus douglasii	**Douglas' Hawthorn**	***Grindelia integrifolia***	**Puget Sound Gumweed**
Rosa pisocarpa	**Clustered Wild Rose**	***Mentha pulegium***	**Penny-Royal**
		Camassia quamash	**Common Camas**

Comments: **Locally Significant Wetland**

Wetland on east side of Stewart Slough, immediately south of Jackson Frazier wetland park. Combination of emergent (80%), forested (15%) and scrub shrub (5%) and mosaic of upland (30%) and wetland (70%). Zoned residential. Adjacent land use is residential. DSL WD #'s 91-115, 94-187. Nelsons checkermallow and Bradshaws lomatium may be in area.

Adjacent upland species: Polystichum munitum, Rubus discolor, Festuca arundinacea, Prunella vulgaris, Crepis setosa, Centaurium umbellatum

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

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**N-VIL-W-2**
Project Location:	Benton County	**Wetland Type(s):**	PSS, PEM

Date(s) of field work:	10/8/2002	**Approx. Area (acres):**	3.41
Onsite Assessment?:	YES	**Investigator(s):**	PF
Wetland Location:	Northwest of Lancaster Street, south of Jackson-Frazier wetland		

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	**C**	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	**C**	Q-5	**A**
Q-6	**B**	Q-6		Q-6	**C**	Q-6	**A**	Q-6	**C**
Q-7	**A**					Q-7	**C**		
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	**B**
Q-2	**C**	Q-2	**A**	Q-2	**C**	Q-2	**A**
Q-3		Q-3	**B**	Q-3	**B**	Q-3	**A**
Q-4	**B**	Q-4	**A**	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	**A**

Results:

Enhancement Potential	Wetland has moderate potential for enhancement
Education	Wetland has educational uses
Recreation	Wetland has the potential to provide recreational activities
Aesthetic Quality	Wetland is considered to be moderately pleasing

Oregon Freshwater Wetland Assessment Methodology
Functions and Conditions Summary Sheet

Project:	Corvallis Natural Resource Inventory	**Wetland:**	**N-VIL-W-2**
Location:	Benton County	**Approx. Area (acres):**	3.41
Date:	10/8/2002	**Wetland Types(s):**	PSS, PEM

Result:	**Wetland provides habitat for some wildlife species**	
Rationale:	More than one Cowardin class	No adjacent Water Quality limited streams
	Herbaceous vegetation, no ponding	Adjacent land is mostly developed
	Less than 0.5 acres of open water	Wetland buffer is less than 10%
Result:	**Fish habitat was not assessed for this wetland**	
Rationale:		
Result:	**Wetland's water-quality function is intact**	
Rationale:	Primary water source is precipitation	Surface water connection to other wetlands
	Wetland floods/ponds in growing season	Adjacent land is mostly developed
	High wetland vegetation cover	No adjacent Water Quality Limited streams
Result:	**Wetland's hydrologic control is impacted or degraded**	
Rationale:	Wetland is 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	Open space upslope of wetland
Result:	**Wetland is potentially sensitive to future impacts**	
Rationale:	Stream modified or isolated wetland	Adjacent land is mostly developed
	Water not taken out	Adjacent zoning is primarily development
	No adjacent Water Quality Limited streams	Herbaceous vegetation, no ponding
Result:	**Wetland has moderate potential for enhancement**	
Rationale:	Wetland functions are impacted or degraded	Wetland is 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 has educational uses**	
Rationale:	Wetland is open to the public	Unmaintained public access within 250 feet
	No visible hazards to public	Wetland is not limited mobility accessible
	Public access to other habitats exist	
Result:	**Wetland has the potential to provide recreational activities**	
Rationale:	Unmaintained public access within 250 feet	Wetland provides habitat for some wildlife
	No boat launching can be developed	No fishing is allowed
	Unmaintained trails, viewing areas exist	No hunting is allowed
Result:	**Wetland is 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	Some traffic and natural noises are present

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**N-VIL-W-2**
Project Location:	Benton County	**Approx. Area (acres):**	3.41
Date:	10/8/2002	**Wetland Types(s):**	PSS, PEM

***Exclusions*: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

***Mandatory Locally Significant Wetland Criteria*: This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat*?		No
2 Is the wetland's *fish habitat function intact*?		No
3 Is the wetland's *water quality function intact*?	Yes	
4 Is the wetland's *hydrologic control function intact*?		No
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list) and is the wetland's *water quality function intact, or impacted or degraded*?		No
6 Does the wetland contain a rare plant community?	Yes	
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids and is the wetland's *fish habitat function intact, or impacted or degraded*?		No
Mandatory Locally Significant Wetland criteria satisfied ?	**Yes**	

***Optional Locally Significant Wetland Criteria*: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function*.	Yes	
2 Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses*?	Yes	
Optional Locally Significant Wetland criteria satisfied ?	**Yes**	

Locally Significant Wetland

Wetland Characterization Sheet

Project Name: Corvallis Natural Resource Inventory

		Wetland Code:	N-VIL-W-2
Date(s) of field work:	10/8/2002	Size (acres):	3.41
Data Sheet Numbers:	11,12	Cowardin Class(es):	PSS, PEM
Investigator(s):	PF	HGM Class(es):	F, DCNP

Location -- Legal:	T. 11S, R. 5W, S. 24
Other:	Northwest of Lancaster Street, south of Jackson-Frazier wetland
Tax Lots:	0
Hydrologic basin:	Village Green
Soil -- Mapped series:	Bashaw clay
Hydrologic Source:	Precipitation

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
Salix lasiandra	Pacific Willow	*Echinochloa crusgalli*	Large Barnyard Grass
Rosa spp.	Rose	*Mentha pulegium*	Penny-Royal
Crataegus douglasii	Douglas' Hawthorn	*Deschampsia cespitosa*	Tufted Hairgrass
		Rumex crispus	Curly Dock
VINES / HERBS		*Agrostis stolonifera*	Spreading Bentgrass
Eryngium petiolatum	Oregon Coyote-Thistle	*Beckmannia syzigachne*	American Sloughgrass
Carex unilateralis	One-Side Sedge	*Rorippa curvisiliqua*	Western Yellow-Cress
Juncus patens	Spreading Rush	*Plagiobothrys figuratus*	Fragrant Popcorn-Flower
Juncus effusus	Soft Rush	*Agrostis tenuis*	Colonial Bentgrass
Grindelia integrifolia	Puget Sound Gumweed	*Phalaris arundinacea*	Reed Canary Grass

Comments: **Locally Significant Wetland**

WETLAND OF SPECIAL INTEREST FOR PROTECTION. Wetland contains a mitigation site for Walnut Street extension. DSL WD #'s 97-0382. Wetland has combination of emergent (90%) and scrub shrub (10%). Mitigation area was excavated. Hydrologically connected to Jackson Frazier wetland to north. Zoned residential, but protected as mitigation site. Nelsons checkermallow may be in area- a threatened plant species. WETLAND OF SPECIAL INTEREST FOR PROTECTION.

Adjacent upland species: Madia glomerata, Cirsium arvense, Daucus carota, Rubus discolor

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

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**N-VIL-W-3**
Project Location:	Benton County	**Wetland Type(s):**	PEM

Date(s) of field work:	10/9/2002	**Approx. Area (acres):**	12.83
Onsite Assessment?:	NO	**Investigator(s):**	PF/JVS
Wetland Location:	North of Circle Blvd, west of Conser Street, east of RR tracks		

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	**B**	Q-2		Q-2	**C**	Q-2	**C**	Q-2	**A**
Q-3	**C**	Q-3		Q-3	**B**	Q-3	**A**	Q-3	**C**
Q-4	**C**	Q-4		Q-4	**A**	Q-4	**B**	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	**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	**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 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:	Corvallis Natural Resource Inventory	**Wetland:**	**N-VIL-W-3**
Location:	Benton County	**Approx. Area (acres):**	12.83
Date:	10/9/2002	**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 impacted or degraded**	
Rationale:	Primary water source is precipitation	Wetland is more than 5 acres in size
	Wetland does not flood or pond	Adjacent land is mostly developed
	Moderate vegetation cover	No adjacent Water Quality Limited streams
Result:	**Wetland's hydrologic control is impacted or degraded**	
Rationale:	Wetland is not within 100 year floodplain	Herbaceous vegetation & ponding
	Wetland does not flood or pond	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 is taken out or isolated wetland	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%
	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:	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

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**N-VIL-W-3**
Project Location:	Benton County	**Approx. Area (acres):**	12.83
Date:	10/9/2002	**Wetland Types(s):**	PEM

***Exclusions*: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

***Mandatory Locally Significant Wetland Criteria*: This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat*?		No
2 Is the wetland's *fish habitat function intact*?		No
3 Is the wetland's *water quality function intact*?		No
4 Is the wetland's *hydrologic control function intact*?		No
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list) and is the wetland's *water quality function intact, or impacted or degraded*?		No
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids and is the wetland's *fish habitat function intact, or impacted or degraded*?		No
Mandatory Locally Significant Wetland criteria satisfied ?		**No**

***Optional Locally Significant Wetland Criteria*: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function*.		No
2 Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses*?	Yes	
Optional Locally Significant Wetland criteria satisfied ?	**Yes**	

Locally Significant Wetland

Wetland Characterization Sheet

Project Name: Corvallis Natural Resource Inventory

		Wetland Code:	N-VIL-W-3
Date(s) of field work:	10/9/2002	Size (acres):	12.83
Data Sheet Numbers:	OFF-SITE	Cowardin Class(es):	PEM
Investigator(s):	PF/JVS	HGM Class(es):	F

Location -- Legal:	**T. 11S, R. 5W, S. 24**
Other:	**North of Circle Blvd, west of Conser Street, east of RR tracks**
Tax Lots:	**See accompanying table**
Hydrologic basin:	**VILLAGE GREEN**
Soil -- Mapped series:	**Dayton silt loam**
Hydrologic Source:	**Precipitation**

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
		Agrostis tenuis	Colonial Bentgrass
		Deschampsia cespitosa	Tufted Hairgrass
		Holcus lanatus	Common Velvet Grass

Comments: **Locally Significant Wetland**

OFF-SITE. Isolated emergent wetland, may have once been connected to similar wetlands on south side of Conser Street. DSL WD #'s 91-0028, 98-0520. Zoned residential. Adjacent land use is residential. Wetland has educational uses and is reported to be used by students at Cheldelin Middle School.

Adjacent upland species: Festuca arundinacea, Daucus carota, Rubus discolor, Chrysanthemum leucanthemum, Hypochaeris radicata, Parentucellia viscosa

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

West-Central
Data Sheets

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-DIX-W-1**
Project Location:	Benton County	**Wetland Type(s):**	PFO,PEM

Date(s) of field work:	8/7/2002	**Approx. Area (acres):**	20.79
Onsite Assessment?:	YES	**Investigator(s):**	FS/SE
Wetland Location:	East of 29th Avenue, north of Walnut 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	**A**	Q-1	**C**	Q-1	**B**	Q-1	**B**
Q-2	**A**	Q-2	**A**	Q-2	**B**	Q-2	**B**	Q-2	**B**
Q-3	**C**	Q-3	**C**	Q-3	**A**	Q-3	**B**	Q-3	**C**
Q-4	**C**	Q-4	**A**	Q-4	**B**	Q-4	**C**	Q-4	**C**
Q-5	**A**	Q-5	**A**	Q-5	**C**	Q-5	**A**	Q-5	**A**
Q-6	**A**	Q-6	**A**	Q-6	**C**	Q-6	**A**	Q-6	**A**
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	Wetland's fish habitat function is intact
Water Quality	Wetland's water-quality function is impacted or degraded
Hydrologic Control	Wetland's hydrologic control is impacted or degraded
Sensitivity to Impact	Wetland is potentially sensitive to future impacts

Function and Condition Assessment Answers

Enhancement Potential		Education		Recreation		Aesthetic Quality	
Q	**A**	**Q**	**A**	**Q**	**A**	**Q**	**A**
Q-1	**A**	Q-1	**A**	Q-1	**A**	Q-1	**B**
Q-2	**B**	Q-2	**A**	Q-2	**C**	Q-2	**B**
Q-3		Q-3	**A**	Q-3	**A**	Q-3	**A**
Q-4	**B**	Q-4	**A**	Q-4	**B**	Q-4	**A**
Q-5B	**A**	Q-5	**A**	Q-5	**B**	Q-5	**A**
Q-6	**B**	Q-6	**A**	Q-6	**B**	Q-6	**A**

Results:

Enhancement Potential	Wetland has high enhancement potential
Education	Wetland has educational uses
Recreation	Wetland provides recreational opportunities
Aesthetic Quality	Wetland is considered to be moderately pleasing

Oregon Freshwater Wetland Assessment Methodology
Functions and Conditions Summary Sheet

Project:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-DIX-W-1**
Location:	Benton County	**Approx. Area (acres):**	20.79
Date:	8/7/2002	**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 primarily open space
	Less than 0.5 acres of open water	Wetland buffer is greater than 40%
Result:	**Wetland's fish habitat function is intact**	
Rationale:	50% or more of stream is shaded	No adjacent Water Quality Limited streams
	Stream is in a natural channel	Adjacent land is primarily open space
	<10% of stream has instream structures	Salmon and/or trout present in stream
Result:	**Wetland's water-quality function is impacted or degraded**	
Rationale:	Primary water source is groundwater	Surface water connection to other wetlands
	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	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	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%
	Water flow is permanently restricted	Potentially sensitive to future impacts
Result:	**Wetland has educational uses**	
Rationale:	Wetland is open to the public	Maintained public access within 250 feet
	No visible hazards to public	Wetland is limited mobility accessible
	Public access to other habitats exist	
Result:	**Wetland provides recreational opportunities**	
Rationale:	Maintained public access within 250 feet	Wetland provides habitat for some wildlife
	No boat launching can be developed	No fishing is allowed
	Maintained trails, viewing areas exist	No hunting is allowed
Result:	**Wetland is considered to be moderately pleasing**	
Rationale:	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

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-DIX-W-1**
Project Location:	Benton County	**Approx. Area (acres):**	20.79
Date:	8/7/2002	**Wetland Types(s):**	PFO,PEM

Exclusions **: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

Mandatory Locally Significant Wetland Criteria **: This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat*?		No
2 Is the wetland's *fish habitat function intact* ?	Yes	
3 Is the wetland's *water quality function intact*?		No
4 Is the wetland's *hydrologic control function intact*?		No
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list)and is the wetland's *water quality function intact, or impacted or degraded*?		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 salmonidsand is the wetland's *fish habitat function intact, or impacted or degraded* ?		No
Mandatory Locally Significant Wetland criteria satisfied ?	**Yes**	

Optional Locally Significant Wetland Criteria **: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant communityand provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function* .		No
2 Is the wetland publicly owned and used by a school or organizationand does the wetland provide *educational uses* ?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Locally Significant Wetland

Wetland Characterization Sheet

Project Name: Corvallis Natural Resource Inventory

		Wetland Code:	WC-DIX-W-1
Date(s) of field work:	8/7/2002	Size (acres):	20.79
Data Sheet Numbers:	18,19, 20, 22	Cowardin Class(es):	PFO,PEM
Investigator(s):	FS/SE	HGM Class(es):	RFT,S/F

Location -- Legal:	T. 11S, R. 5W, S. 22
Other:	East of 29th Avenue, north of Walnut Boulevard.
Tax Lots:	See accompanying table
Hydrologic basin:	Dixon Creek
Soil -- Mapped series:	Bashaw clay, Hazelair complex, 3-12% slopes
Hydrologic Source:	Groundwater, surface flow, precipitation

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
Fraxinus latifolia	Oregon Ash	*Phalaris arundinacea*	Reed Canary Grass
Salix sp.	Willow	*Holcus lanatus*	Common Velvet Grass
		Festuca arundinacea	Tall Fescue
		Carex densa	Dense Sedge
		Boisduvalia densiflora	Dense-Flower Spike-Primrose
		Juncus effusus	Soft Rush
		Alopecurus pratensis	Meadow Foxtail

Comments: **Locally Significant Wetland**

PARTIAL OFF-SITE. Located east of on-going residential development east of 29th Avenue north of Walnut Boulevard. The wetland area is primarily zoned open conservation but adjacent areas are zoned residential. Though zoned for development, most of the areas north and east of the wetland remain undeveloped. Maintained and unmaintained paths cross the wetland and adjacent upland. DSL WD #'s 92-0092, 96-0011, 99-0233, 99-0562, 00-0131, 00-0391, 00-0619, 01-0171; DSL Permit #'s 23770, 22349.

Adjacent upland species: Corylus cornuta, Prunus avium, Crataegus monogyna, Rhus diversiloba, Rosa eglanteria, Rubus discolor, Holcus lanatus, Festuca arundinacea, Hypericum perforatum, Vicia tetrasperma, Chyrsanthemum leucanthemum, Aira sp., Centaurium umbellatum, Cytisus scoparius, Cirsium vulgare

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

HS = Headwater Slope VS = Valley Slope FL = Flats

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-DIX-W-2**
Project Location:	Benton County	**Wetland Type(s):**	PEM

Date(s) of field work:	OFF-SITE	**Approx. Area (acres):**	6.85
Onsite Assessment?:	No	**Investigator(s):**	SE
Wetland Location:	East of 29th Street and north of Walnut 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	**B**	Q-1		Q-1	**B**	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	**B**	Q-4		Q-4	**B**	Q-4	**C**	Q-4	**A**
Q-5	**A**	Q-5		Q-5	**A**	Q-5	**C**	Q-5	**A**
Q-6	**A**	Q-6		Q-6	**C**	Q-6	**A**	Q-6	**C**
Q-7	**A**					Q-7	**A**		
Q-8	**C**								
Q-9A									
Q-9B	**B**								

Results:

Wildlife Habitat	Wetland provides habitat for some wildlife species
Fish Habitat	Fish habitat was not assessed for this wetland
Water Quality	Wetland's water-quality function is 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	**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:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-DIX-W-2**
Location:	Benton County	**Approx. Area (acres):**	6.85
Date:	OFF-SITE	**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
	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 precipitation	Surface water connection to other wetlands
	Wetland does not flood or pond	Adjacent land is mostly developed
	High wetland vegetation cover	No adjacent Water Quality Limited streams
Result:	**Wetland's hydrologic control 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
	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 high enhancement potential**	
Rationale:	Wetland functions are impacted or degraded	Wetland is between 0.5 and 5 acres
	Primary water source is precipitation	Wetland buffer is between 10% and 40%
	Water flow is permanently restricted	Potentially sensitive to future impacts
Result:	**Wetland site is not appropriate for educational use**	
Rationale:	No access allowed to wetland	No access point to wetland exists
	No visible hazards to public	Wetland is not limited mobility accessible
	No access or observation of other habitats	
Result:	**Wetland is not appropriate or does not provide rec. opportunities**	
Rationale:	No access point to wetland exists	Wetland provides habitat for some wildlife
	No boat launching can be developed	No fishing is allowed
	No trails or viewing areas exist	No hunting is allowed
Result:	**Wetland is not aesthetically pleasing**	
Rationale:	One Cowardin class is visible	Wetland surrounded by landscaped areas
	>50% of wetland can be seen	Natural odors present at wetland
	Visual detractors present, can't be removed	Some traffic and natural noises are present

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-DIX-W-2**
Project Location:	Benton County	**Approx. Area (acres):**	6.85
Date:	OFF-SITE	**Wetland Types(s):**	PEM

***Exclusions*: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

***Mandatory Locally Significant Wetland Criteria*: This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat*?		No
2 Is the wetland's *fish habitat function intact*?		No
3 Is the wetland's *water quality function intact*?		No
4 Is the wetland's *hydrologic control function intact*?		No
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list)and is the wetland's *water quality function intact, or impacted or degraded*?		No
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonidsand is the wetland's *fish habitat function intact, or impacted or degraded*?		No
Mandatory Locally Significant Wetland criteria satisfied ?		**No**

***Optional Locally Significant Wetland Criteria*: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant communityand provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function*.		No
2 Is the wetland publicly owned and used by a school or organizationand does the wetland provide *educational uses*?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Does not satisfy the criteria, Not a Locally Significant Wetland

Wetland Characterization Sheet

Project Name: Corvallis Natural Resource Inventory

		Wetland Code:	**WC-DIX-W-2**
Date(s) of field work:	**OFF-SITE**	Size (acres):	**6.85**
Data Sheet Numbers:	**OFF-SITE**	Cowardin Class(es):	**PEM**
Investigator(s):	**SE**	HGM Class(es):	**S/F**

Location -- Legal:	**T. 11S, R. 5W, S. 22**
Other:	**East of 29th Street and north of Walnut Boulevard.**
Tax Lots:	**See accompanying table**
Hydrologic basin:	**Dixon Creek**
Soil -- Mapped series:	**Hazelair complex**
Hydrologic Source:	**Groundwater, Precipitation**

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
Rosa nutkana	**Nootka Rose**	***Phalaris arundinacea***	**Reed Canary Grass**
		Alopecurus pratensis	**Meadow Foxtail**

Comments:

OFF-SITE. Palustrine emergent wetland located north of 29th Street just east of the Timberhill Tennis Club; borders the northeast side of Timberhill Park. Shallow swale with groundwater seeps at the east end. There appears to be a stormdrain at the southwest edge of the wetland. This would explain why wetland does not appear to extend into the park. Zoning in the vicinity is residential. DSL WD # 99-0233.

Adjacent upland species: Crataegus monogyna, Rubus discolor, Amelanchier alnifolia, Bromus inermis, Bromus sp., Poa sp., Holcus lanatus, Festuca arundinacea, Vicia americana, Chrysanthemum leucanthemum, Cirsium arvense

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

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-DIX-W-4**
Project Location:	Benton County	**Wetland Type(s):**	PSS, PFO

Date(s) of field work:	OFF-SITE	**Approx. Area (acres):**	3.45
Onsite Assessment?:	No	**Investigator(s):**	SE
Wetland Location:	North of Arrowwood Circle west of 29th 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	**A**	Q-1	**A**	Q-1	**B**	Q-1	**A**
Q-2	**A**	Q-2	**B**	Q-2	**B**	Q-2	**B**	Q-2	**B**
Q-3	**B**	Q-3	**C**	Q-3	**A**	Q-3	**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	**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	**A**	Q-1	**A**	Q-1	**B**
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	**A**
Q-5B	**A**	Q-5	**A**	Q-5	**B**	Q-5	**A**
Q-6	**B**	Q-6	**A**	Q-6	**B**	Q-6	**A**

Results:

Enhancement Potential	Wetland has high enhancement potential
Education	Wetland has educational uses
Recreation	Wetland provides recreational opportunities
Aesthetic Quality	Wetland is considered to be moderately pleasing

Oregon Freshwater Wetland Assessment Methodology
Functions and Conditions Summary Sheet

Project:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-DIX-W-4**
Location:	Benton County	**Approx. Area (acres):**	3.45
Date:	OFF-SITE	**Wetland Types(s):**	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 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
	<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
	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 function is intact**	
Rationale:	Wetland is not within 100 year floodplain	Dominated by woody vegetation
	Can't determine if wetland floods or ponds	Development downslope of wetland
	Water has unrestricted flow out of wetland	Development upslope of wetland
Result:	**Wetland is potentially sensitive to future impacts**	
Rationale:	Stream modified or isolated wetland	Adjacent land is mostly developed
	Water not taken out	Adjacent zoning is primarily development
	No adjacent Water Quality Limited streams	Dominated by woody vegetation
Result:	**Wetland has high enhancement potential**	
Rationale:	Wetland functions are impacted or degraded	Wetland is greater than 5 acres
	Primary water source is surface flow	Wetland buffer is 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 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 natural areas
	25 - 50% of wetland can be seen	Natural odors present at wetland
	Visual detractors present, can't be removed	Some traffic and natural noises are present

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-DIX-W-4**
Project Location:	Benton County	**Approx. Area (acres):**	3.45
Date:	OFF-SITE	**Wetland Types(s):**	PSS, PFO

Exclusions **: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

Mandatory Locally Significant Wetland Criteria **: This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat*?		No
2 Is the wetland's *fish habitat function intact*?		No
3 Is the wetland's *water quality function intact*?		No
4 Is the wetland's *hydrologic control function intact*?	Yes	
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list) and is the wetland's *water quality function intact, or impacted or degraded*?		No
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids and is the wetland's *fish habitat function intact, or impacted or degraded*?		No
Mandatory Locally Significant Wetland criteria satisfied ?	**Yes**	

Optional Locally Significant Wetland Criteria **: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function*.		No
2 Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses*?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Locally Significant Wetland

Wetland Characterization Sheet

Project Name: Corvallis Natural Resource Inventory

		Wetland Code:	**WC-DIX-W-4**
Date(s) of field work:	**OFF-SITE**	Size (acres):	**3.45**
Data Sheet Numbers:	**OFF-SITE**	Cowardin Class(es):	**PSS, PFO**
Investigator(s):	**SE**	HGM Class(es):	**S/F**

Location -- Legal:	**T. 11S, R. 5W, S. 22**
Other:	**North of Arrowwood Circle west of 29th Street.**
Tax Lots:	**See accompanying table**
Hydrologic basin:	**Dixon Creek**
Soil -- Mapped series:	**Dixonville silty clay loam**
Hydrologic Source:	**Surface flow**

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
Fraxinus latifolia	**Oregon Ash**	***Juncus effusus***	**Soft Rush**
Populus trichocarpa	**Black Cottonwood**	***Holcus lanatus***	**Common Velvet Grass**
Salix lasiandra	**Pacific Willow**	***Agrostis tenuis***	**Colonial Bentgrass**
Crataegus douglasii	**Douglas' Hawthorn**	***Carex sp.***	**Sedge**
Rosa eglanteria	**Sweetbrier**	***Agrostis sp.***	**bentgrass**
		Camas sp.	**Camas**

Comments: **Locally Significant Wetland**

OFF-SITE. Located along Dixon Creek headwater tributaries on the south side of Timberhill; north and south of Arrowwood Circle. Mixed forested and scrub/shrub wetland. Land use and zoning are open space. DSL WD #'s 99-0283, 01-0171.

Adjacent upland species: Pseudotsuga menziesii, Quercus garryanna; Corylus cornuta, Prunus emarginata, Oemleria cerasiformis, Crataegus monogyna, Rhus diversiloba, Rubus discolor, Elymus glaucus, Holcus lanatus, Festuca arundinacea, Rubus ursinus, Brachypodium sylvaticum, Polystichum munitum

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

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-DIX-W-5**
Project Location:	Benton County	**Wetland Type(s):**	PFO/PEM

Date(s) of field work:	OFF-SITE	**Approx. Area (acres):**	1.24
Onsite Assessment?:	No	**Investigator(s):**	SE
Wetland Location:	East of 29th Street south of Arrowwood 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	**B**	Q-1		Q-1	**A**	Q-1	**B**	Q-1	**B**
Q-2	**A**	Q-2		Q-2	**C**	Q-2	**C**	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	**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	**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	**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 pleasing

Oregon Freshwater Wetland Assessment Methodology
Functions and Conditions Summary Sheet

Project:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-DIX-W-5**
Location:	Benton County	**Approx. Area (acres):**	1.24
Date:	OFF-SITE	**Wetland Types(s):**	PFO/PEM

Result:	**Wetland provides habitat for some wildlife species**	
Rationale:	One Cowardin class with > 5 species	No adjacent Water Quality limited streams
	Dominated by woody vegetation	Adjacent land is mostly developed
	Less than 0.5 acres of open water	Wetland buffer is greater than 40%
Result:	**Fish habitat was not assessed for this wetland**	
Rationale:		
Result:	**Wetland's water-quality function is impacted or degraded**	
Rationale:	Primary water source is surface flow	Surface water connection to other wetlands
	Wetland does not flood or pond	Adjacent land is mostly developed
	Moderate vegetation cover	No adjacent Water Quality Limited streams
Result:	**Wetland's hydrologic control is impacted or degraded**	
Rationale:	Wetland is not within 100 year floodplain	Dominated by woody vegetation
	Wetland does not flood or pond	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 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 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

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-DIX-W-5**
Project Location:	Benton County	**Approx. Area (acres):**	1.24
Date:	OFF-SITE	**Wetland Types(s):**	PFO/PEM

***Exclusions*: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

***Mandatory Locally Significant Wetland Criteria*: This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat*?		No
2 Is the wetland's *fish habitat function intact*?		No
3 Is the wetland's *water quality function intact*?		No
4 Is the wetland's *hydrologic control function intact*?		No
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list)and is the wetland's *water quality function intact, or impacted or degraded*?		No
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonidsand is the wetland's *fish habitat function intact, or impacted or degraded*?		No
Mandatory Locally Significant Wetland criteria satisfied ?		**No**

***Optional Locally Significant Wetland Criteria*: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant communityand provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function*.		No
2 Is the wetland publicly owned and used by a school or organizationand does the wetland provide *educational uses*?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Does not satisfy the criteria, Not a Locally Significant Wetland

Wetland Characterization Sheet

Project Name: Corvallis Natural Resource Inventory

		Wetland Code:	**WC-DIX-W-5**
Date(s) of field work:	**OFF-SITE**	Size (acres):	**1.24**
Data Sheet Numbers:	**OFF-SITE**	Cowardin Class(es):	**PFO/PEM**
Investigator(s):	**SE**	HGM Class(es):	**S**

Location -- Legal:	**T. 11S, R. 5W, S. 22**
Other:	**East of 29th Street south of Arrowwood Circle**
Tax Lots:	**See accompanying table**
Hydrologic basin:	**Dixon Creek**
Soil -- Mapped series:	**Philomath silty clay**
Hydrologic Source:	**Surface flow**

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
Fraxinus latifolia	**Oregon Ash**	***Carex densa***	**Dense Sedge**
		Agrostis stolonifera	**Spreading Bentgrass**
		Holcus lanatus	**Common Velvet Grass**
		Phalaris arundinacea	**Reed Canary Grass**
		Juncus effusus	**Soft Rush**

Comments:

OFF-SITE. DSL WD# 00-0619. Located along Dixon Creek headwater tributary on the south side of Timberhill; east of 29th Street from Arrowwood Circle south to Silktassel Drive. Mixed forested and emergent wetland. Land use and zoning are residential.

Adjacent upland species: Quercus garryanna; Prunus emarginata, Rhus diversiloba, Rubus discolor, Elymus glaucus, Holcus lanatus, Festuca arundinacea, Rubus ursinus, Brachypodium sylvaticum, Polystichum munitum, Centaurium erythraea, Chrysanthemum leucanthemum

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

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-DIX-W-6**
Project Location:	Benton County	**Wetland Type(s):**	PEM

Date(s) of field work:	7/25/2002	**Approx. Area (acres):**	1.33
Onsite Assessment?:	NO	**Investigator(s):**	SE/FS
Wetland Location:	West of Glen Ridge Drive north of Live Oak 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	**A**	Q-1	**B**	Q-1	**B**
Q-2	**C**	Q-2		Q-2	**A**	Q-2	**A**	Q-2	**B**
Q-3	**C**	Q-3		Q-3	**C**	Q-3	**C**	Q-3	**C**
Q-4	**C**	Q-4		Q-4	**C**	Q-4	**C**	Q-4	**A**
Q-5	**A**	Q-5		Q-5	**A**	Q-5	**C**	Q-5	**A**
Q-6	**A**	Q-6		Q-6	**C**	Q-6	**A**	Q-6	**C**
Q-7	**A**					Q-7	**A**		
Q-8	**C**								
Q-9A									
Q-9B	**B**								

Results:

Wildlife Habitat	Wetland provides habitat for some wildlife species
Fish Habitat	Fish habitat was not assessed for this wetland
Water Quality	Wetland's water-quality function is 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	**A**	Q-2	**A**	Q-2	**C**	Q-2	**A**
Q-3	**A**	Q-3	**B**	Q-3	**C**	Q-3	**A**
Q-4	**C**	Q-4	**B**	Q-4	**B**	Q-4	**B**
Q-5B	**B**	Q-5	**C**	Q-5	**B**	Q-5	**A**
Q-6	**B**	Q-6	**B**	Q-6	**B**	Q-6	**A**

Results:

Enhancement Potential	Wetland has 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:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-DIX-W-6**
Location:	Benton County	**Approx. Area (acres):**	1.33
Date:	7/25/2002	**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 surface flow	Isolated from other wetlands
	Wetland floods/ponds in growing season	Adjacent land is mostly developed
	Low vegetation cover	No adjacent Water Quality Limited streams
Result:	**Wetland's hydrologic control is impacted or degraded**	
Rationale:	Wetland is not within 100 year floodplain	Herbaceous vegetation, no ponding
	Wetland floods/ponds in growing season	Development downslope of wetland
	Water has unrestricted flow out of wetland	Development upslope of wetland
Result:	**Wetland is potentially sensitive to future impacts**	
Rationale:	Stream 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 less than 0.5 acres
	Primary water source is surface flow	Wetland buffer is between 10% and 40%
	Flow into wetland is not restricted	Potentially sensitive to future impacts
Result:	**Wetland site is not appropriate for educational use**	
Rationale:	No access allowed to wetland	No access point to wetland exists
	No visible hazards to public	Wetland is not limited mobility accessible
	Other habitats can be observed not accessed	
Result:	**Wetland is not appropriate or does not provide rec. opportunities**	
Rationale:	No access point to wetland exists	Wetland provides habitat for some wildlife
	No boat launching can be developed	No fishing is allowed
	No trails or viewing areas exist	No hunting is allowed
Result:	**Wetland is considered to be 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

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-DIX-W-6**
Project Location:	Benton County	**Approx. Area (acres):**	1.33
Date:	7/25/2002	**Wetland Types(s):**	PEM

***Exclusions*: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

***Mandatory Locally Significant Wetland Criteria*: This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat*?		No
2 Is the wetland's *fish habitat function intact*?		No
3 Is the wetland's *water quality function intact*?		No
4 Is the wetland's *hydrologic control function intact*?		No
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list) and is the wetland's *water quality function intact, or impacted or degraded*?		No
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids and is the wetland's *fish habitat function intact, or impacted or degraded*?		No
Mandatory Locally Significant Wetland criteria satisfied ?		**No**

***Optional Locally Significant Wetland Criteria*: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function*.		No
2 Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses*?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Does not satisfy the criteria, Not a Locally Significant Wetland

Wetland Characterization Sheet

Project Name: Corvallis Natural Resource Inventory

		Wetland Code:	**WC-DIX-W-6**
Date(s) of field work:	**7/25/2002**	Size (acres):	**1.33**
Data Sheet Numbers:	**14, 15**	Cowardin Class(es):	**PEM**
Investigator(s):	**SE/FS**	HGM Class(es):	**S, RFT**

Location -- Legal:	**T. 11S, R. 5W, S. 21**
Other:	**West of Glen Ridge Drive north of Live Oak Drive**
Tax Lots:	**See accompanying table**
Hydrologic basin:	**Dixon Creek**
Soil -- Mapped series:	**Philomath silty clay 3-12% slopes**
Hydrologic Source:	**Surface flow, precipitation**

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
		Juncus patens	**Spreading Rush**
		Juncus tenuis	**Slender Rush**
		Juncus effusus	**Soft Rush**
		Alopecurus pratensis	**Meadow Foxtail**
		Boisduvalia densiflora	**Dense-Flower Spike-Primrose**
		Rumex salicifolius	**Willow Dock**
		Madia sativa	**Coast Tarweed**
		Holcus lanatus	**Common Velvet Grass**
		Juncus ensifolius	**Dagger-Leaf Rush**
		Carex unilateralis	**One-Side Sedge**

Comments:

PARTIAL OFF-SITE. Palustrine emergent wetland west of Glen Ridge Drive beginning north of Live Oak Road and extending north beyond the next roadway to the west and extending upslope where Glen Ridge Drive veers to the east. Zoned residential, this is an actively developing area. A home has been built along the west side of the southern portion of the wetland in an area that was previously an agricultural field or pasture. DSL WD # 93-188.

Adjacent upland species: Rubus discolor, Daucus carota, Polypogon monspeliensis, Plantago lanceolata, Arrhenatherum elatius, Madia sativa, Chrysanthemeum leucanthemum, Holcus lanatus, Centarium umbellatum, Taeniatherum caput-medusae, Epilobium paniculatum, Festuca arundinacea

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

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-MAR-W-16**
Project Location:	Benton County	**Wetland Type(s):**	PEM

Date(s) of field work:	10/1/2002	**Approx. Area (acres):**	2.03
Onsite Assessment?:	NO	**Investigator(s):**	CR / PF
Wetland Location:	South of Brooklane Drive, east of 45th Street		

Function and Condition Assessment Answers

Wildlife Habitat		Fish Habitat		Water Quality		Hydrologic Control		Sensitivity to Impact	
Q	A	Q	A	Q	A	Q	A	Q	A
Q-1	C	Q-1		Q-1	B	Q-1	A	Q-1	A
Q-2	C	Q-2		Q-2	B	Q-2	B	Q-2	A
Q-3	C	Q-3		Q-3	C	Q-3	B	Q-3	A
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	A	Q-6	C	Q-6	C
Q-7	C					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 is impacted or degraded
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	C	Q-1	C	Q-1	B
Q-2	C	Q-2	A	Q-2	C	Q-2	B
Q-3	C	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	C	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:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-MAR-W-16**
Location:	Benton County	**Approx. Area (acres):**	2.03
Date:	10/1/2002	**Wetland Types(s):**	PEM

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 greater than 40%
Result:	**Fish habitat was not assessed for this wetland**	
Rationale:		
Result:	**Wetland's water-quality function is impacted or degraded**	
Rationale:	Primary water source is precipitation	Surface water connection to other wetlands
	Can't determine if wetland floods or ponds	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 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	Development upslope of wetland
Result:	**Wetland is 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
	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 between 0.5 and 5 acres
	Primary water source is precipitation	Wetland buffer is greater than 40%
	Water flow is permanently restricted	Wetland is sensitive to future impacts
Result:	**Wetland site is not appropriate for educational use**	
Rationale:	No access allowed to wetland	No access point to wetland exists
	No visible hazards to public	Wetland is not limited mobility accessible
	No access or observation of other habitats	
Result:	**Wetland is not appropriate or does not provide rec. opportunities**	
Rationale:	No access point to wetland exists	Wetland provides habitat for some wildlife
	No boat launching can be developed	No fishing is allowed
	No trails or viewing areas exist	No hunting is allowed
Result:	**Wetland is considered to be moderately pleasing**	
Rationale:	Two Cowardin classes visible	Wetland surrounded by landscaped areas
	25 - 50% of wetland can be seen	Natural odors present at wetland
	No visual detractors are present	Some traffic and natural noises are present

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-MAR-W-16**
Project Location:	Benton County	**Approx. Area (acres):**	2.03
Date:	10/1/2002	**Wetland Types(s):**	PEM

***Exclusions*: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

***Mandatory Locally Significant Wetland Criteria*: This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat*?		No
2 Is the wetland's *fish habitat function intact*?		No
3 Is the wetland's *water quality function intact*?		No
4 Is the wetland's *hydrologic control function intact*?		No
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list)and is the wetland's *water quality function intact, or impacted or degraded*?		No
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonidsand is the wetland's *fish habitat function intact, or impacted or degraded*?		No
Mandatory Locally Significant Wetland criteria satisfied ?		**No**

***Optional Locally Significant Wetland Criteria*: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant communityand provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function*.		No
2 Is the wetland publicly owned and used by a school or organizationand does the wetland provide *educational uses*?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Does not satisfy the criteria, Not a Locally Significant Wetland

Wetland Characterization Sheet

Project Name: Corvallis Natural Resource Inventory

		Wetland Code:	**WC-MAR-W-16**
Date(s) of field work:	**10/1/2002**	Size (acres):	**2.03**
Data Sheet Numbers:	**OFF-SITE**	Cowardin Class(es):	**PEM**
Investigator(s):	**CR / PF**	HGM Class(es):	**S/F**

Location -- Legal:	**T12S, R5W, Sec. 9**
Other:	**South of Brooklane Drive, east of 45th Street**
Tax Lots:	**See accompanying table**
Hydrologic basin:	**MARY'S RIVER**
Soil -- Mapped series:	**Conser silty clay loam**
Hydrologic Source:	**Precipitation**

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
Populus trichocarpa	**Black Cottonwood**	***Agrostis tenuis***	**Colonial Bentgrass**

Comments:

OFF-SITE. The northern edge of the wetland is located along the toe of slope of a hillside residential development. Open pasture is located to the south, west and east. Primary source of hydrology appears to be precipitation, but may also receive some seasonal runoff and subsurface hydrology from the adjacent upslope areas. Mostly composed of PEM wetland with scrub/shrub scattered along portions of the wetland fringe. Zoned residential.

Adjacent upland species: *Quercus garryana, Festuca arundinacea*.

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

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-MAR-W-17**
Project Location:	Benton County	**Wetland Type(s):**	PEM

Date(s) of field work:	9/19/2002	**Approx. Area (acres):**	0.86
Onsite Assessment?:	NO	**Investigator(s):**	ME
Wetland Location:	South of the intersection of Brooklane Drive & 45th Street		

Function and Condition Assessment Answers

Wildlife Habitat		Fish Habitat		Water Quality		Hydrologic Control		Sensitivity to Impact	
Q	**A**	**Q**	**A**	**Q**	**A**	**Q**	**A**	**Q**	**A**
Q-1	**A**	Q-1		Q-1	**B**	Q-1	**A**	Q-1	**A**
Q-2	**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	**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 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	**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	**C**
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 moderately pleasing

Oregon Freshwater Wetland Assessment Methodology
Functions and Conditions Summary Sheet

Project:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-MAR-W-17**
Location:	Benton County	**Approx. Area (acres):**	0.86
Date:	9/19/2002	**Wetland Types(s):**	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 impacted or degraded**	
Rationale:	Primary water source is precipitation	Surface water connection to other wetlands
	Wetland floods/ponds in growing season	Adjacent land use is primarily agriculture
	Moderate vegetation cover	No adjacent Water Quality Limited streams
Result:	**Wetland's hydrologic control is impacted or degraded**	
Rationale:	Wetland is 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 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	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 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	Some traffic and natural noises are present

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-MAR-W-17**
Project Location:	Benton County	**Approx. Area (acres):**	0.86
Date:	9/19/2002	**Wetland Types(s):**	PEM

***Exclusions*: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

***Mandatory Locally Significant Wetland Criteria*: This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat*?		No
2 Is the wetland's *fish habitat function intact*?		No
3 Is the wetland's *water quality function intact*?		No
4 Is the wetland's *hydrologic control function intact*?		No
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list) and is the wetland's *water quality function intact, or impacted or degraded*?		No
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids and is the wetland's *fish habitat function intact, or impacted or degraded*?		No
Mandatory Locally Significant Wetland criteria satisfied ?		**No**

***Optional Locally Significant Wetland Criteria*: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function*.		No
2 Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses*?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Does not satisfy the criteria, Not a Locally Significant Wetland

Wetland Characterization Sheet

Project Name: Corvallis Natural Resource Inventory

		Wetland Code:	**WC-MAR-W-17**
Date(s) of field work:	**9/19/2002**	Size (acres):	**0.86**
Data Sheet Numbers:	**OFF-SITE**	Cowardin Class(es):	**PEM**
Investigator(s):	**ME**	HGM Class(es):	**S/F**

Location -- Legal:	**T. 12S, R 5W, S9**
Other:	**South of the intersection of Brooklane Drive & 45th Street**
Tax Lots:	**See accompanying table**
Hydrologic basin:	**Mary's River**
Soil -- Mapped series:	**Waldo silty clay loam**
Hydrologic Source:	**Precipitation, groundwater**

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
Salix hookeriana	**Hooker Willow**	***Holcus lanatus***	**Common Velvet Grass**
		Agrostis tenuis	**Colonial Bentgrass**
		Phalaris arundinacea	**Reed Canary Grass**

Comments:

OFF-SITE. Emergent wetland with some scrub-shrub components. Zoned residential. There is a drainage that begins north of Brooklane Drive and is culverted under the road and flows into this wetland. Adjacent land use is agriculture.

Adjacent Upland species: Festuca arundinacea, Rubus discolor

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

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-MAR-W-18**
Project Location:	Benton County	**Wetland Type(s):**	PEM

Date(s) of field work:	N/A	**Approx. Area (acres):**	3.17
Onsite Assessment?:	NO	**Investigator(s):**	CR / PF
Wetland Location:	South of Country Club Drive, north of Nash, between 53rd and 49th		

Function and Condition Assessment Answers

Wildlife Habitat		Fish Habitat		Water Quality		Hydrologic Control		Sensitivity to Impact	
Q	**A**	**Q**	**A**	**Q**	**A**	**Q**	**A**	**Q**	**A**
Q-1	**C**	Q-1		Q-1	**B**	Q-1	**B**	Q-1	**B**
Q-2	**C**	Q-2		Q-2	**B**	Q-2	**B**	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	**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	**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	**C**	Q-4	**B**	Q-4	**B**
Q-5B	**C**	Q-5	**C**	Q-5	**B**	Q-5	**A**
Q-6	**B**	Q-6	**B**	Q-6	**B**	Q-6	**A**

Results:

Enhancement Potential	Wetland has moderate potential for enhancement
Education	Wetland site is not appropriate for educational use
Recreation	Wetland is not appropriate or does not provide rec. opportunities
Aesthetic Quality	Wetland is considered to be moderately pleasing

Oregon Freshwater Wetland Assessment Methodology
Functions and Conditions Summary Sheet

Project:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-MAR-W-18**
Location:	Benton County	**Approx. Area (acres):**	3.17
Date:	N/A	**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 less than 10%
Result:	**Fish habitat was not assessed for this wetland**	
Rationale:		
Result:	**Wetland's water-quality function is impacted or degraded**	
Rationale:	Primary water source is precipitation	Surface water connection to other wetlands
	Can't determine if wetland floods or ponds	Adjacent land use is primarily agriculture
	Moderate vegetation cover	No adjacent Water Quality Limited streams
Result:	**Wetland's hydrologic control is impacted or degraded**	
Rationale:	Wetland is not within 100 year floodplain	Herbaceous vegetation, no ponding
	Can't determine if wetland floods or ponds	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%
	Water flow is permanently restricted	Potentially sensitive to future impacts
Result:	**Wetland site is not appropriate for educational use**	
Rationale:	No access allowed to wetland	No access point to wetland exists
	No visible hazards to public	Wetland is not limited mobility accessible
	No access or observation of other habitats	
Result:	**Wetland is not appropriate or does not provide rec. opportunities**	
Rationale:	No access point to wetland exists	Wetland provides habitat for some wildlife
	No boat launching can be developed	No fishing is allowed
	No trails or viewing areas exist	No hunting is allowed
Result:	**Wetland is considered to be moderately pleasing**	
Rationale:	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

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-MAR-W-18**
Project Location:	Benton County	**Approx. Area (acres):**	3.17
Date:	N/A	**Wetland Types(s):**	PEM

***Exclusions*: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

***Mandatory Locally Significant Wetland Criteria*: This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat*?		No
2 Is the wetland's *fish habitat function intact*?		No
3 Is the wetland's *water quality function intact*?		No
4 Is the wetland's *hydrologic control function intact*?		No
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list)and is the wetland's *water quality function intact, or impacted or degraded*?		No
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonidsand is the wetland's *fish habitat function intact, or impacted or degraded*?		No
Mandatory Locally Significant Wetland criteria satisfied ?		**No**

***Optional Locally Significant Wetland Criteria*: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant communityand provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function*.		No
2 Is the wetland publicly owned and used by a school or organizationand does the wetland provide *educational uses*?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Does not satisfy the criteria, Not a Locally Significant Wetland

Wetland Characterization Sheet

Project Name: Corvallis Natural Resource Inventory

		Wetland Code:	**WC-MAR-W-18**
Date(s) of field work:	**N/A**	Size (acres):	**3.17**
Data Sheet Numbers:	**OFF-SITE**	Cowardin Class(es):	**PEM**
Investigator(s):	**CR / PF**	HGM Class(es):	**S/F**

Location -- Legal:	**T. 12S, R. 5W, S. 9**
Other:	**South of Country Club Drive, north of Nash, between 53rd and 49th**
Tax Lots:	**See accompanying table**
Hydrologic basin:	**Marys River**
Soil -- Mapped series:	**Waldo silty clay loam**
Hydrologic Source:	**Precipitation**

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
Salix lasiandra	**Pacific Willow**	***Dipsacus sylvestris***	**Teasel**
		Alopecurus pratensis	**Meadow Foxtail**
		Holcus lanatus	**Common Velvet Grass**

Comments:

OFF-SITE. Shallow swale drains south. Culvert under Nash Street and small adjacent wetland on south side of Nash. Drainage extends out of the UGB. Zoned for residential. Current land use is rural residential. DSL WD # 01-0633.

Adjacent upland species: Rubus discolor, Festuca arundinacea, Anthoxanthum odoratum

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

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-MAR-W-19**
Project Location:	Benton County	**Wetland Type(s):**	PEM
Date(s) of field work:	N/A	**Approx. Area (acres):**	1.84
Onsite Assessment?:	NO	**Investigator(s):**	SE
Wetland Location:	North of Highway 20, ~~east~~ west of 15th Street		

Function and Condition Assessment Answers

Wildlife Habitat		Fish Habitat		Water Quality		Hydrologic Control		Sensitivity to Impact	
Q	**A**	**Q**	**A**	**Q**	**A**	**Q**	**A**	**Q**	**A**
Q-1	**C**	Q-1		Q-1	**B**	Q-1	**A**	Q-1	**A**
Q-2	**C**	Q-2		Q-2	**C**	Q-2	C	Q-2	**A**
Q-3	**C**	Q-3		Q-3	**B**	Q-3	**B**	Q-3	A
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	A	Q-6	**A**	Q-6	C
Q-7	**C**					Q-7	**A**		
Q-8	**C**								
Q-9A									
Q-9B	**C**								

- WL has no opportunity to contribute to WQ improvement
- Question hydrol. control results

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 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	**B**
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	**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 potential 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:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-MAR-W-19**
Location:	Benton County	**Approx. Area (acres):**	1.84
Date:	N/A	**Wetland Types(s):**	PEM

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 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
	Moderate 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 does not flood or pond	Development downslope of wetland
	Wetland has no outlet	Development upslope of wetland
Result:	**Wetland is 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
	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 between 0.5 and 5 acres
	Primary water source is precipitation	Wetland buffer is less than 10%
	Water flow is permanently restricted	Wetland is 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 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 moderately pleasing**	
Rationale:	One Cowardin class is visible	Wetland surrounded by landscaped areas
	25 - 50% of wetland can be seen	Natural odors present at wetland
	No visual detractors are present	Continuous traffic and natural noises occur

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-MAR-W-19**
Project Location:	Benton County	**Approx. Area (acres):**	1.84
Date:	N/A	**Wetland Types(s):**	PEM

***Exclusions*: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

***Mandatory Locally Significant Wetland Criteria* : This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat*?		No
2 Is the wetland's *fish habitat function intact* ?		No
3 Is the wetland's *water quality function intact*?		No
4 Is the wetland's *hydrologic control function intact*?	Yes	
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list) and is the wetland's *water quality function intact, or impacted or degraded*?	Yes	
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids and is the wetland's *fish habitat function intact, or impacted or degraded* ?		No
Mandatory Locally Significant Wetland criteria satisfied ?	**Yes**	

***Optional Locally Significant Wetland Criteria* : local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function* .		No
2 Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses* ?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Locally Significant Wetland

Wetland Characterization Sheet

Project Name: Corvallis Natural Resource Inventory

		Wetland Code:	**WC-MAR-W-19**
Date(s) of field work:	**N/A**	Size (acres):	**1.84**
Data Sheet Numbers:	**OFF-SITE**	Cowardin Class(es):	**PEM**
Investigator(s):	**SE**	HGM Class(es):	**S/F**

Location -- Legal:	**T. 12S, R. 5W, S. 3**
Other:	**North of Highway 20, ~~east~~ west of 15th Street**
Tax Lots:	**See accompanying table**
Hydrologic basin:	**Marys River**
Soil -- Mapped series:	**Bashaw clay, Malabon silty clay loam**
Hydrologic Source:	**Precipitation**

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
		unidentified grasses - lawn	

Comments: **Locally Significant Wetland**

OFF-SITE. Isolated wetland in open space southeast of OSU ball field. Wetland boundary was determined by DSL field staff during LWI review process. Zoned public/institutional.

Adjacent upland species: unidentified grasses

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

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-OAK-M75-2(**
Project Location:	Benton County	**Wetland Type(s):**	PEM

Date(s) of field work:	6/6/2002	**Approx. Area (acres):**	1.68
Onsite Assessment?:	YES	**Investigator(s):**	SE/LW
Wetland Location:	North of Ponderosa Avenue, west of 60th 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	**B**	Q-1	**B**	Q-1	**B**
Q-2	**C**	Q-2		Q-2	**A**	Q-2	**A**	Q-2	**B**
Q-3	**C**	Q-3		Q-3	**C**	Q-3	**B**	Q-3	**C**
Q-4	**A**	Q-4		Q-4	**B**	Q-4	**C**	Q-4	**A**
Q-5	**A**	Q-5		Q-5	**A**	Q-5	**C**	Q-5	**A**
Q-6	**A**	Q-6		Q-6	**C**	Q-6	**A**	Q-6	**C**
Q-7	**A**					Q-7	**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	**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	**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:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-OAK-M75-26**
Location:	Benton County	**Approx. Area (acres):**	1.68
Date:	6/6/2002	**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
	Greater than 1 acre of open water	Wetland buffer is greater than 40%
Result:	**Fish habitat was not assessed for this wetland**	
Rationale:		
Result:	**Wetland's water-quality function is impacted or degraded**	
Rationale:	Primary water source is precipitation	Surface water connection to other wetlands
	Wetland floods/ponds in growing season	Adjacent land is mostly developed
	Low vegetation cover	No adjacent Water Quality Limited streams
Result:	**Wetland's hydrologic control is impacted or degraded**	
Rationale:	Wetland is not within 100 year floodplain	Herbaceous vegetation, no ponding
	Wetland floods/ponds in growing season	Development downslope of wetland
	Water has unrestricted flow out of wetland	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 precipitation	Wetland buffer is greater than 40%
	Water flow is permanently restricted	Potentially sensitive to future impacts
Result:	**Wetland site is not appropriate for educational use**	
Rationale:	No access allowed to wetland	No access point to wetland exists
	No visible hazards to public	Wetland is not limited mobility accessible
	Other habitats can be observed not accessed	
Result:	**Wetland is not appropriate or does not provide rec. opportunities**	
Rationale:	No access point to wetland exists	Wetland provides habitat for some wildlife
	No boat launching can be developed	No fishing is allowed
	No trails or viewing areas exist	No hunting is allowed
Result:	**Wetland is considered to be 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

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-OAK-M75-26**
Project Location:	Benton County	**Approx. Area (acres):**	1.68
Date:	6/6/2002	**Wetland Types(s):**	PEM

***Exclusions*: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

***Mandatory Locally Significant Wetland Criteria*: This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat*?		No
2 Is the wetland's *fish habitat function intact*?		No
3 Is the wetland's *water quality function intact*?		No
4 Is the wetland's *hydrologic control function intact*?		No
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list)and is the wetland's *water quality function intact, or impacted or degraded*?		No
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonidsand is the wetland's *fish habitat function intact, or impacted or degraded*?		No
Mandatory Locally Significant Wetland criteria satisfied ?		**No**

***Optional Locally Significant Wetland Criteria*: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant communityand provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function*.		No
2 Is the wetland publicly owned and used by a school or organizationand does the wetland provide *educational uses*?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Does not satisfy the criteria, Not a Locally Significant Wetland

Wetland Characterization Sheet

Project Name: Corvallis Natural Resource Inventory

		Wetland Code:	**WC-OAK-M75-26**
Date(s) of field work:	**6/6/2002**	Size (acres):	**1.68**
Data Sheet Numbers:	**25, 26**	Cowardin Class(es):	**PEM**
Investigator(s):	**SE/LW**	HGM Class(es):	**S**

Location -- Legal:	**T. 11S, R. 5W, S. 20**
Other:	**North of Ponderosa Avenue, west of 60th Street.**
Tax Lots:	**See accompanying table**
Hydrologic basin:	**Oak Creek**
Soil -- Mapped series:	**Bashaw clay, Philomath silty clay**
Hydrologic Source:	**Precipitation**

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
		Juncus balticus	**Baltic Rush**
		Juncus tenuis	**Slender Rush**
		Juncus ensifolius	**Dagger-Leaf Rush**
		Dipsacus sylvestris	**Teasel**
		Carex densa	**Dense Sedge**
		Myosotis discolor	**Yellow and Blue Forget-Me-N**
		Carex unilateralis	**One-Side Sedge**

Comments:

Zoned residential in largely undeveloped area north of Ponderosa Ave. west of 60th Street. This is a dominantly emergent wet meadow area. The wetland lies west and east of a shallow drainage feature at the bottom of a swale that extends north to power lines near the UGB. At the south end of the wetland is a shallow channel that combines with flow from WC-OAK-W-27 and then under a residential driveway and Ponderosa Blvd.

Adjacent upland species: Rubus discolor, Festuca arundinacea, Chrysanthemum leucanthemum, Bromis mollis, Danthonia californica, Prunella vulgaris, Aira sp., Plantago lanceolata, Brachypodium sylvaticum, Anthoxanthum odoratum, Taneatherum caput-medusa, Dactylus glomerata

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

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	WC-OAK-M80-1
Project Location:	Benton County	**Wetland Type(s):**	PFO,PSS,PEM, PEMf

Date(s) of field work:	6/20/2002	**Approx. Area (acres):**	42.97
Onsite Assessment?:	YES	**Investigator(s):**	SE/ME
Wetland Location:	Northeast of the corner of Walnut and Harrison Boulevards.		

Function and Condition Assessment Answers

Wildlife Habitat		Fish Habitat		Water Quality		Hydrologic Control		Sensitivity to Impact	
Q	A	Q	A	Q	A	Q	A	Q	A
Q-1	A	Q-1	C	Q-1	B	Q-1	A	Q-1	A
Q-2	C	Q-2	B	Q-2	A	Q-2	A	Q-2	B
Q-3	B	Q-3	B	Q-3	A	Q-3	A	Q-3	C
Q-4	C	Q-4	A	Q-4	A	Q-4	C	Q-4	B
Q-5	A	Q-5	B	Q-5	B	Q-5	C	Q-5	B
Q-6	A	Q-6	A	Q-6	C	Q-6	B	Q-6	C
Q-7	A					Q-7	A		
Q-8	B								
Q-9A									
Q-9B	B								

Results:

Wildlife Habitat	Wetland provides habitat for some wildlife species
Fish Habitat	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	B	Q-1	A
Q-2	C	Q-2	A	Q-2	C	Q-2	B
Q-3		Q-3	B	Q-3	C	Q-3	A
Q-4	A	Q-4	A	Q-4	B	Q-4	A
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 has potential for educational use
Recreation	Wetland has the potential to provide recreational activities
Aesthetic Quality	Wetland is considered to be pleasing

Oregon Freshwater Wetland Assessment Methodology
Functions and Conditions Summary Sheet

Project:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-OAK-M80-14**
Location:	Benton County	**Approx. Area (acres):**	42.97
Date:	6/20/2002	**Wetland Types(s):**	PFO,PSS,PEM, PEMf

Result:	**Wetland provides habitat for some wildlife species**	
Rationale:	More than one Cowardin class	No adjacent Water Quality limited streams
	Herbaceous vegetation, no ponding	Adjacent land use is primarily agriculture
	Less than 0.5 acres of open water	Wetland buffer is between 10% and 40%
Result:	**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 use is primarily agriculture
	10-25% of stream has instream structures	Salmon and/or trout present in stream
Result:	**Wetland's water-quality function is 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 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
	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 between 10% and 40%
	Water flow is permanently restricted	Potentially sensitive to future impacts
Result:	**Wetland has potential for educational use**	
Rationale:	Wetland access by landowner permission	Unmaintained public access within 250 feet
	No visible hazards to public	Wetland is not limited mobility accessible
	Public access to other habitats exist	
Result:	**Wetland has the potential to provide recreational activities**	
Rationale:	Unmaintained public access within 250 feet	Wetland provides habitat for some wildlife
	No boat launching can be developed	No fishing is allowed
	No trails or viewing areas exist	No hunting is allowed
Result:	**Wetland is considered to be pleasing**	
Rationale:	More than two Cowardin classes are visible	Wetland surrounded by natural areas
	25 - 50% of wetland can be seen	Natural odors present at wetland
	No visual detractors are present	Continuous traffic and natural noises occur

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-OAK-M80-14**
Project Location:	Benton County	**Approx. Area (acres):**	42.97
Date:	6/20/2002	**Wetland Types(s):**	PFO,PSS,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 *diverse wildlife habitat*?		No
2 Is the wetland's *fish habitat function intact* ?		No
3 Is the wetland's *water quality function intact*?	Yes	
4 Is the wetland's *hydrologic control function intact*?	Yes	
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list)and is the wetland's *water quality function intact, or impacted or degraded*?		No
6 Does the wetland contain a rare plant community?	Yes	
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 salmonidsand is the wetland's *fish habitat function intact, or impacted or degraded* ?	Yes	
Mandatory Locally Significant Wetland criteria satisfied ?	**Yes**	

Optional Locally Significant Wetland Criteria **: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant communityand provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function* .		No
2 Is the wetland publicly owned and used by a school or organizationand does the wetland provide *educational uses* ?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Locally Significant Wetland

Wetland Characterization Sheet

Project Name: Corvallis Natural Resource Inventory

		Wetland Code:	**WC-OAK-M80-14**
Date(s) of field work:	**6/20/2002**	Size (acres):	**42.97**
Data Sheet Numbers:	**99,104,109,111,122,124-5,127-9**	Cowardin Class(es):	**PFO,PSS,PEM, PEMf**
Investigator(s):	**SE/ME**	HGM Class(es):	**RFT, S/F**

Location -- Legal:	**T. 11S, R. 5W, S. 33**
Other:	**Northeast of the corner of Walnut and Harrison Boulevards.**
Tax Lots:	**See accompanying table**
Hydrologic basin:	**Oak Creek**
Soil -- Mapped series:	**Bashaw clay, Hazelair silt loam**
Hydrologic Source:	**Surface water, precipitation**

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
Fraxinus latifolia	Oregon Ash	*Stachys cooleyae*	Cooley's Hedgenettle
		Juncus tenuis	Slender Rush
		Alopecurus pratensis	Meadow Foxtail
		Holcus lanatus	Common Velvet Grass
VINES / HERBS		*Deschampsia cespitosa*	Tufted Hairgrass
Camassia quamash	Common Camas	*Rumex crispus*	Curly Dock
Juncus balticus	Baltic Rush	*Poa trivialis*	Rough Bluegrass
Grindelia integrifolia	Puget Sound Gumweed	*Festuca rubra*	Red Fescue
Typha latifolia	Common Cattail	*Centaurium umbellatum*	Common Centaury
Scirpus microcarpus	Small-Fruit Bulrush	*Agrostis tenuis*	Colonial Bentgrass

Comments: **Locally Significant Wetland**

Located in the south west corner of OSU poultry and sheep property. Primarily mosaic of palustrine emergent mosaic wetland with Oak Creek bordering to the south and a tributary flowing through the middle. Shallow swales on the west and east sides of the the wetland are mixed ash and oak forest. Zoned as open conservation and open agriculture DSL Batch #96-0633. Nelsons checkermallow may be on site, a listed threatened species. WETLAND OF SPECIAL INTEREST FOR PROTECTION.

Adjacent upland species: Quercus garryanna, Crataegus monogyna, Rubus discolor, Rhus diversiloba, Festuca arundinacea, Vicia sativa, Chrysanthemum leucanthemum, Cirsium vulgare, Parentucellia viscosa, Daucus carota, Galium aparine, Arctium minus

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

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-OAK-M80-15**
Project Location:	Benton County	**Wetland Type(s):**	PFO,PEM

Date(s) of field work:	7/3/2002	**Approx. Area (acres):**	2.29
Onsite Assessment?:	YES	**Investigator(s):**	SE/ME
Wetland Location:	East of Walnut Street just north of Harrison 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		Q-1	**B**	Q-1	**A**	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	**C**	Q-4	**B**
Q-5	**B**	Q-5		Q-5	**B**	Q-5	**C**	Q-5	**C**
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	**B**								

Results:

Wildlife Habitat	Wetland provides habitat for some wildlife species
Fish Habitat	Fish habitat was not assessed for this wetland
Water Quality	Wetland's water-quality function is impacted or degraded
Hydrologic Control	Wetland's hydrologic control is impacted or degraded
Sensitivity to Impact	Wetland is potentially sensitive to future impacts

Function and Condition Assessment Answers

Enhancement Potential		Education		Recreation		Aesthetic Quality	
Q	**A**	**Q**	**A**	**Q**	**A**	**Q**	**A**
Q-1	**A**	Q-1	**B**	Q-1	**B**	Q-1	**A**
Q-2	**C**	Q-2	**A**	Q-2	**C**	Q-2	**B**
Q-3		Q-3	**B**	Q-3	**C**	Q-3	**A**
Q-4	**B**	Q-4	**A**	Q-4	**B**	Q-4	**A**
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 has potential for educational use
Recreation	Wetland has the potential to provide recreational activities
Aesthetic Quality	Wetland is considered to be pleasing

Oregon Freshwater Wetland Assessment Methodology
Functions and Conditions Summary Sheet

Project:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-OAK-M80-15**
Location:	Benton County	**Approx. Area (acres):**	2.29
Date:	7/3/2002	**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 use is primarily agriculture
	Less than 0.5 acres of open water	Wetland buffer is between 10% and 40%
Result:	**Fish habitat was not assessed for this wetland**	
Rationale:		
Result:	**Wetland's water-quality function is impacted or degraded**	
Rationale:	Primary water source is precipitation	Surface water connection to other wetlands
	Wetland does not flood or pond	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
	Wetland does not flood or pond	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 mostly open space
	No adjacent Water Quality Limited streams	Herbaceous vegetation, no ponding
Result:	**Wetland has high enhancement potential**	
Rationale:	Wetland functions are impacted or degraded	Wetland is between 0.5 and 5 acres
	Primary water source is precipitation	Wetland buffer is between 10% and 40%
	Water flow is permanently restricted	Potentially sensitive to future impacts
Result:	**Wetland has potential for educational use**	
Rationale:	Wetland access by landowner permission	Unmaintained public access within 250 feet
	No visible hazards to public	Wetland is not limited mobility accessible
	Public access to other habitats exist	
Result:	**Wetland has the potential to provide recreational activities**	
Rationale:	Unmaintained public access within 250 feet	Wetland provides habitat for some wildlife
	No boat launching can be developed	No fishing is allowed
	No trails or viewing areas exist	No hunting is allowed
Result:	**Wetland is considered to be pleasing**	
Rationale:	More than two Cowardin classes are visible	Wetland surrounded by natural areas
	25 - 50% of wetland can be seen	Natural odors present at wetland
	No visual detractors are present	Continuous traffic and natural noises occur

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-OAK-M80-15**
Project Location:	Benton County	**Approx. Area (acres):**	2.29
Date:	7/3/2002	**Wetland Types(s):**	PFO,PEM

***Exclusions*: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

***Mandatory Locally Significant Wetland Criteria*: This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat*?		No
2 Is the wetland's *fish habitat function intact*?		No
3 Is the wetland's *water quality function intact*?		No
4 Is the wetland's *hydrologic control function intact*?		No
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list)and is the wetland's *water quality function intact, or impacted or degraded*?		No
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonidsand is the wetland's *fish habitat function intact, or impacted or degraded*?		No
Mandatory Locally Significant Wetland criteria satisfied ?		**No**

***Optional Locally Significant Wetland Criteria*: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant communityand provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function*.		No
2 Is the wetland publicly owned and used by a school or organizationand does the wetland provide *educational uses*?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Does not satisfy the criteria, Not a Locally Significant Wetland

Wetland Characterization Sheet

Project Name: Corvallis Natural Resource Inventory

		Wetland Code:	**WC-OAK-M80-15**
Date(s) of field work:	**7/3/2002**	Size (acres):	**2.29**
Data Sheet Numbers:	**124**	Cowardin Class(es):	**PFO,PEM**
Investigator(s):	**SE/ME**	HGM Class(es):	**S/F**

Location -- Legal:	**T. 11S, R. 5W, S. 33**
Other:	**East of Walnut Street just north of Harrison Boulevard**
Tax Lots:	**See accompanying table**
Hydrologic basin:	**OAK**
Soil -- Mapped series:	**Bashaw clay**
Hydrologic Source:	**Precipitation**

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
Fraxinus latifolia	**Oregon Ash**	***Solanum dulcamara***	**Bittersweet Nightshade**
Populus trichocarpa	**Black Cottonwood**		

Comments:

On south end of OSU poultry and sheep farm property. Zoned open space - conservation. The west side of the wetland is bordered by Walnut Street. A tributary of Oak Creek flows south along the east side of this mosaic of emergent wetland. Due to the proximity of this wetland to the creek, this area apparently dries up during early summer. The forested south end of the wetland is hydrologically connected to the main stem of Oak Creek.

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

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-OAK-M90-1**
Project Location:	Benton County	**Wetland Type(s):**	PEM,PEMf
Date(s) of field work:	5/23/2002, 6/25/02, 6/13/02	**Approx. Area (acres):**	125.00
Onsite Assessment?:	YES	**Investigator(s):**	PF/JVS/CR
Wetland Location:	North of Oak Creek Drive, west of Walnut		

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	B	Q-1	B	Q-1	B
Q-2	C	Q-2	C	Q-2	A	Q-2	A	Q-2	B
Q-3	B	Q-3	C	Q-3	B	Q-3	A	Q-3	C
Q-4	C	Q-4	A	Q-4	A	Q-4	C	Q-4	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	C		
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	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	B	Q-4	B	Q-4	A
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:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-OAK-M90-17**
Location:	Benton County	**Approx. Area (acres):**	125.00
Date:	5/23/2002, 6/25/02, 6/13/02	**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:	**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 precipitation	Wetland is more than 5 acres in size
	Wetland floods/ponds in growing season	Adjacent land use is primarily agriculture
	Moderate vegetation cover	No adjacent Water Quality Limited streams
Result:	**Wetland's hydrologic control 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	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 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%
	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 limited mobility accessible
	Other habitats can be observed not accessed	
Result:	**Wetland is not appropriate or does not provide rec. opportunities**	
Rationale:	No access point to wetland exists	Wetland provides habitat for some wildlife
	No boat launching can be developed	No fishing is allowed
	No trails or viewing areas exist	No hunting is allowed
Result:	**Wetland is considered to be pleasing**	
Rationale:	One Cowardin class is visible	Wetland surrounded by natural areas
	>50% of wetland can be seen	Natural odors present at wetland
	No visual detractors are present	Some traffic and natural noises are present

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-OAK-M90-17**
Project Location:	Benton County	**Approx. Area (acres):**	125
Date:	5/23/2002, 6/25/02, 6/13/02	**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 *diverse wildlife habitat*?		No
2 Is the wetland's *fish habitat function intact*?		No
3 Is the wetland's *water quality function intact*?		No
4 Is the wetland's *hydrologic control function intact*?		No
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list)and is the wetland's *water quality function intact, or impacted or degraded*?		No
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonidsand is the wetland's *fish habitat function intact, or impacted or degraded*?		No
Mandatory Locally Significant Wetland criteria satisfied ?		**No**

***Optional Locally Significant Wetland Criteria*: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant communityand provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function*.		No
2 Is the wetland publicly owned and used by a school or organizationand does the wetland provide *educational uses*?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Does not satisfy the criteria, Not a Locally Significant Wetland

Wetland Characterization Sheet

Project Name: Corvallis Natural Resource Inventory

		Wetland Code:	**WC-OAK-M90-17**
Date(s) of field work:	**5/23/2002, 6/25/02, 6/13/02**	Size (acres):	**125.00**
Data Sheet Numbers:	**55,57,60-1,66-9,73-4,87,89,91-2,94-5,98,112-4,123,126,130**	Cowardin Class(es):	**PEM,PEMf**
Investigator(s):	**PF/JVS/CR**	HGM Class(es):	**S/F, RFT**

Location -- Legal:	**T. 11S, R. 5W, S. 32**
Other:	**North of Oak Creek Drive, west of Walnut**
Tax Lots:	**See accompanying table**
Hydrologic basin:	**Oak Creek**
Soil -- Mapped series:	**Bashaw silty clay loam, Bashaw clay**
Hydrologic Source:	**Precipitation, groundwater**

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
Fraxinus latifolia	Oregon Ash	*Alopecurus pratensis*	Meadow Foxtail
		Carex densa	Dense Sedge
		Eleocharis palustris	Common Spikerush
VINES / HERBS		*Carex unilateralis*	One-Side Sedge
Holcus lanatus	Common Velvet Grass	*Alopecurus geniculatus*	Water Foxtail
Myosotis discolor	Yellow and Blue Forget-M	*Veronica americana*	American Speedwell
Agrostis tenuis	Colonial Bentgrass	*Sisyrinchium angustifolium*	Pointed Blue-Eye-Grass
Juncus ensifolius	Dagger-Leaf Rush	*Ranunculus repens*	Creeping Butter-Cup
Rumex crispus	Curly Dock	*Juncus bufonius*	Toad Rush
Mimulus guttatus	Yellow Monkey-Flower	*Juncus tenuis*	Slender Rush

Comments:

Very large slope/flats wetland drains south to Oak Creek. Wetland/ upland mosaic in lower field (90% wetland, 10% upland). Several shallow intermittent drainages from hills to north. Majority of wetland is farmed or grazed, with small areas of forested in the stream headwaters. Part of wetland is privately owned and part is OSU Equestrian center and undeveloped lands. Several small drainages flow from hill to north towards Oak Creek.

Adjacent Upland Species: Lolium multiflorum, Daucus carota, Cirsium arvense, Quercus garryana, Rhus diversiloba, Chrysanthemum leucantheum, Trifolium dubium, Festuca arundinacea, Hypochaeris radicata, Avena sp., Bromus sp., Madia glomerata, Epilobium paniculatum

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

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-OAK-W-1**
Project Location:	Benton County	**Wetland Type(s):**	PEM

Date(s) of field work:	8/2/2002	**Approx. Area (acres):**	4.60
Onsite Assessment?:	YES	**Investigator(s):**	PF / CR
Wetland Location:	Northeast corner of Western and 35th		

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	**C**	Q-3		Q-3	**B**	Q-3	**B**	Q-3	**C**
Q-4	**C**	Q-4		Q-4	**C**	Q-4	**C**	Q-4	**B**
Q-5	**B**	Q-5		Q-5	**B**	Q-5	**C**	Q-5	**B**
Q-6	**B**	Q-6		Q-6	**C**	Q-6	**A**	Q-6	**C**
Q-7	**A**					Q-7	**B**		
Q-8	**B**								
Q-9A									
Q-9B	**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	**B**	Q-1	**A**	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	**B**	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 has potential for educational use
Recreation	Wetland has the potential to provide recreational activities
Aesthetic Quality	Wetland is considered to be pleasing

Oregon Freshwater Wetland Assessment Methodology
Functions and Conditions Summary Sheet

Project:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-OAK-W-1**
Location:	Benton County	**Approx. Area (acres):**	4.60
Date:	8/2/2002	**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	Isolated from other wetlands
	Wetland floods/ponds in growing season	Adjacent land use is primarily agriculture
	Moderate vegetation cover	No adjacent Water Quality Limited streams
Result:	**Wetland's hydrologic control is impacted or degraded**	
Rationale:	Wetland is 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 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 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 has potential for educational use**	
Rationale:	Wetland access by landowner permission	Maintained public access within 250 feet
	1 or 2 visible safety hazards	Wetland is limited mobility accessible
	Other habitats can be observed not accessed	
Result:	**Wetland has the potential to provide recreational activities**	
Rationale:	Maintained public access within 250 feet	Wetland provides habitat for some wildlife
	No boat launching can be developed	No fishing is allowed
	No trails or viewing areas exist	No hunting is allowed
Result:	**Wetland is 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

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-OAK-W-1**
Project Location:	Benton County	**Approx. Area (acres):**	4.60
Date:	8/2/2002	**Wetland Types(s):**	PEM

***Exclusions*: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

***Mandatory Locally Significant Wetland Criteria*: This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat*?		No
2 Is the wetland's *fish habitat function intact*?		No
3 Is the wetland's *water quality function intact*?		No
4 Is the wetland's *hydrologic control function intact*?		No
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list)and is the wetland's *water quality function intact, or impacted or degraded*?		No
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonidsand is the wetland's *fish habitat function intact, or impacted or degraded*?		No
Mandatory Locally Significant Wetland criteria satisfied ?		**No**

***Optional Locally Significant Wetland Criteria*: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant communityand provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function*.		No
2 Is the wetland publicly owned and used by a school or organizationand does the wetland provide *educational uses*?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Does not satisfy the criteria, Not a Locally Significant Wetland

Wetland Characterization Sheet

Project Name: Corvallis Natural Resource Inventory

		Wetland Code:	WC-OAK-W-1
Date(s) of field work:	8/2/2002	Size (acres):	4.60
Data Sheet Numbers:	169	Cowardin Class(es):	PEM
Investigator(s):	PF / CR	HGM Class(es):	DCNP

Location -- Legal:	T. 12S, R. 5W, S. 3
Other:	Northeast corner of Western and 35th
Tax Lots:	See accompanying table
Hydrologic basin:	Oak Creek
Soil -- Mapped series:	Bashaw clay
Hydrologic Source:	Precipitation

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
		Alopecurus pratensis	Meadow Foxtail
		Agrostis tenuis	Colonial Bentgrass
		Deschampsia cespitosa	Tufted Hairgrass
		Rumex crispus	Curly Dock

Comments:

Isolated depressional wetland in corner of OSU pasture. Within floodplain of Oak Creek but no direct hydrologic connection. Zoned Public Institutional. Current land use is for grazed pasture.

Adjacent upland speceis: Festuca arundinacea, Capsella bursa-pastoris, Crepis setosa, Rubus discolor

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

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-OAK-W-2**
Project Location:	Benton County	**Wetland Type(s):**	PEM

Date(s) of field work:	8/2/2002	**Approx. Area (acres):**	1.59
Onsite Assessment?:	YES	**Investigator(s):**	CR/PF/PA
Wetland Location:	North of Western , east of 35th, north of Oak 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	**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	**B**	Q-3	**C**	Q-3	**C**
Q-4	**C**	Q-4		Q-4	**C**	Q-4	**C**	Q-4	**B**
Q-5	**B**	Q-5		Q-5	**B**	Q-5	**C**	Q-5	**B**
Q-6	**B**	Q-6		Q-6	**C**	Q-6	**A**	Q-6	**C**
Q-7	**A**					Q-7	**B**		
Q-8	**B**								
Q-9A									
Q-9B	**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	**B**	Q-1	**C**	Q-1	**C**
Q-2	**C**	Q-2	**A**	Q-2	**C**	Q-2	**A**
Q-3		Q-3	**B**	Q-3	**C**	Q-3	**A**
Q-4	**C**	Q-4	**A**	Q-4	**B**	Q-4	**A**
Q-5B	**A**	Q-5	**C**	Q-5	**B**	Q-5	**A**
Q-6	**B**	Q-6	**A**	Q-6	**B**	Q-6	**A**

Results:

Enhancement Potential	Wetland has 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:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-OAK-W-2**
Location:	Benton County	**Approx. Area (acres):**	1.59
Date:	8/2/2002	**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 impacted or degraded**	
Rationale:	Primary water source is precipitation	Isolated from other wetlands
	Wetland floods/ponds in growing season	Adjacent land use is primarily agriculture
	Moderate 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	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 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 less than 0.5 acres
	Primary water source is precipitation	Wetland buffer is greater than 40%
	Water flow is permanently restricted	Potentially sensitive to future impacts
Result:	**Wetland has potential for educational use**	
Rationale:	Wetland access by landowner permission	No access point to wetland exists
	No visible hazards to public	Wetland is limited mobility accessible
	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 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

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-OAK-W-2**
Project Location:	Benton County	**Approx. Area (acres):**	1.59
Date:	8/2/2002	**Wetland Types(s):**	PEM

***Exclusions*: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

***Mandatory Locally Significant Wetland Criteria*: This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat*?		No
2 Is the wetland's *fish habitat function intact*?		No
3 Is the wetland's *water quality function intact*?		No
4 Is the wetland's *hydrologic control function intact*?		No
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list) and is the wetland's *water quality function intact, or impacted or degraded*?		No
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids and is the wetland's *fish habitat function intact, or impacted or degraded*?		No
Mandatory Locally Significant Wetland criteria satisfied ?		**No**

***Optional Locally Significant Wetland Criteria*: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function*.		No
2 Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses*?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Does not satisfy the criteria, Not a Locally Significant Wetland

Wetland Characterization Sheet

Project Name: Corvallis Natural Resource Inventory

		Wetland Code:	WC-OAK-W-2
Date(s) of field work:	8/2/2002	Size (acres):	1.59
Data Sheet Numbers:	167, 168	Cowardin Class(es):	PEM
Investigator(s):	CR/PF/PA	HGM Class(es):	S/F, DCNP

Location -- Legal:	**T. 12S, R. 5W, S. 3**
Other:	**North of Western , east of 35th, north of Oak Creek**
Tax Lots:	**See accompanying table**
Hydrologic basin:	**OAK CREEK**
Soil -- Mapped series:	**Bashaw clay**
Hydrologic Source:	**Precipitation**

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
		Alopecurus pratensis	**Meadow Foxtail**
		Agrostis tenuis	**Colonial Bentgrass**
		Juncus tenuis	**Slender Rush**
		Rumex crispus	**Curly Dock**
		Rumex conglomeratus	**Clustered Dock**
		Mentha pulegium	**Penny-Royal**

Comments:

Isolated depressional wetland in grazed field. Within floodplain of Oak Creek but no direct hydrological connection. Zoned Public Institutional. OSU property near bee farm and equestrian facility.

Adjacent upland species: Daucus carota, Chrysanthemum leucanthemum, Cirsium vulgare, Brodiea sp., Centaurium umbellatum, Festuca arundinacea

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

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-OAK-W-3**
Project Location:	Benton County	**Wetland Type(s):**	PEMf

Date(s) of field work:	N/A	**Approx. Area (acres):**	16.38
Onsite Assessment?:	NO	**Investigator(s):**	PF
Wetland Location:	West of 35th, south of RR tracks		

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	B	Q-1	B	Q-1	B
Q-2	C	Q-2	C	Q-2	B	Q-2	B	Q-2	B
Q-3	B	Q-3	C	Q-3	B	Q-3	A	Q-3	C
Q-4	C	Q-4	A	Q-4	A	Q-4	C	Q-4	B
Q-5	A	Q-5	B	Q-5	B	Q-5	C	Q-5	A
Q-6	A	Q-6	C	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		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	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:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-OAK-W-3**
Location:	Benton County	**Approx. Area (acres):**	16.38
Date:	N/A	**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:	**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	Stream does not contain fish
Result:	**Wetland's water-quality function is impacted or degraded**	
Rationale:	Primary water source is precipitation	Wetland is more than 5 acres in size
	Can't determine if wetland floods or ponds	Adjacent land use is primarily agriculture
	Moderate vegetation cover	No adjacent Water Quality Limited streams
Result:	**Wetland's hydrologic control is impacted or degraded**	
Rationale:	Wetland is not 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	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:	One or more functions lost/not present	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
	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

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-OAK-W-3**
Project Location:	Benton County	**Approx. Area (acres):**	16.38
Date:	N/A	**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 *diverse wildlife habitat*?		No
2 Is the wetland's *fish habitat function intact*?		No
3 Is the wetland's *water quality function intact*?		No
4 Is the wetland's *hydrologic control function intact*?		No
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list)and is the wetland's *water quality function intact, or impacted or degraded*?		No
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonidsand is the wetland's *fish habitat function intact, or impacted or degraded*?		No
Mandatory Locally Significant Wetland criteria satisfied ?		**No**

***Optional Locally Significant Wetland Criteria*: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant communityand provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function*.		No
2 Is the wetland publicly owned and used by a school or organizationand does the wetland provide *educational uses*?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Does not satisfy the criteria, Not a Locally Significant Wetland

Wetland Characterization Sheet

Project Name: Corvallis Natural Resource Inventory

		Wetland Code:	**WC-OAK-W-3**
Date(s) of field work:	**N/A**	Size (acres):	**16.38**
Data Sheet Numbers:	**OFF-SITE**	Cowardin Class(es):	**PEMf**
Investigator(s):	**PF**	HGM Class(es):	**S/F**

Location -- Legal:	**T. 21S, R. 5W, S. 3/4**
Other:	**West of 35th, south of RR tracks**
Tax Lots:	
Hydrologic basin:	**Oak Creek**
Soil -- Mapped series:	**Bashaw clay, Waldo silty clay loam**
Hydrologic Source:	**Precipitation**

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
		Agrostis tenuis	**Colonial Bentgrass**
		Juncus tenuis	**Slender Rush**
		Alopecurus pratensis	**Meadow Foxtail**
		Holcus lanatus	**Common Velvet Grass**
		Carex densa	**Dense Sedge**

Comments:

OFF-SITE. DSL WD #00-0601.Large farmed wetland field adjacent to west side of Oak Creek. Zoned for residential. Existing land use is undeveloped/ abandoned pasture.

Adjacent upland species: Quercus garryanna, Rhus divsersiloba, Rubus discolor, Festuca arundinacea, Pseudotsuga menziesii, Crataegus monogyna, Cytisus scoparius, Daucus carota, Anthoxanthum odoratum

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

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-OAK-W-4**
Project Location:	Benton County	**Wetland Type(s):**	PEM

Date(s) of field work:	7/23/2002	**Approx. Area (acres):**	0.76
Onsite Assessment?:	YES	**Investigator(s):**	CR/PF
Wetland Location:	West of 35th Avenue, north of RR tracks, south of Harrison 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	**C**	Q-1	**C**	Q-1	**A**	Q-1	**B**
Q-2	**C**	Q-2	**C**	Q-2	**A**	Q-2	**A**	Q-2	**A**
Q-3	**A**	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	**C**	Q-5	**A**
Q-6	**A**	Q-6	**C**	Q-6	**C**	Q-6	**B**	Q-6	**C**
Q-7	**A**					Q-7	**B**		
Q-8	**B**								
Q-9A									
Q-9B	**A**								

Results:

Wildlife Habitat	Wetland provides habitat for some wildlife species
Fish Habitat	Wetland's fish habitat function is impacted or degraded
Water Quality	Wetland's water-quality function is impacted or degraded
Hydrologic Control	Wetland's hydrologic control is impacted or degraded
Sensitivity to Impact	Wetland is potentially sensitive to future impacts

Function and Condition Assessment Answers

Enhancement Potential		Education		Recreation		Aesthetic Quality	
Q	**A**	**Q**	**A**	**Q**	**A**	**Q**	**A**
Q-1	**A**	Q-1	**B**	Q-1	**C**	Q-1	**C**
Q-2	**B**	Q-2	**A**	Q-2	**C**	Q-2	**A**
Q-3		Q-3	**B**	Q-3	**C**	Q-3	**A**
Q-4	**B**	Q-4	**B**	Q-4	**B**	Q-4	**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 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:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-OAK-W-4**
Location:	Benton County	**Approx. Area (acres):**	0.76
Date:	7/23/2002	**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:	**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	Stream does not contain fish
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
	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	Agriculture upslope of wetland
Result:	**Wetland is potentially sensitive to future impacts**	
Rationale:	Stream not modified	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 between 0.5 and 5 acres
	Primary water source is groundwater	Wetland buffer is greater than 40%
	Water flow is permanently restricted	Potentially sensitive to future impacts
Result:	**Wetland has potential for educational use**	
Rationale:	Wetland access by landowner permission	No access point to wetland exists
	No visible hazards to public	Wetland is not limited mobility accessible
	Other habitats can be observed not accessed	
Result:	**Wetland is not appropriate or does not provide rec. opportunities**	
Rationale:	No access point to wetland exists	Wetland provides habitat for some wildlife
	No boat launching can be developed	No fishing is allowed
	No trails or viewing areas exist	No hunting is allowed
Result:	**Wetland is considered to be pleasing**	
Rationale:	One Cowardin class is visible	Wetland surrounded by natural areas
	>50% of wetland can be seen	Natural odors present at wetland
	No visual detractors are present	Some traffic and natural noises are present

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-OAK-W-4**
Project Location:	Benton County	**Approx. Area (acres):**	0.76
Date:	7/23/2002	**Wetland Types(s):**	PEM

***Exclusions*: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

***Mandatory Locally Significant Wetland Criteria*: This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat*?		No
2 Is the wetland's *fish habitat function intact*?		No
3 Is the wetland's *water quality function intact*?		No
4 Is the wetland's *hydrologic control function intact*?		No
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list) and is the wetland's *water quality function intact, or impacted or degraded*?		No
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids and is the wetland's *fish habitat function intact, or impacted or degraded*?	Yes	
Mandatory Locally Significant Wetland criteria satisfied ?	**Yes**	

***Optional Locally Significant Wetland Criteria*: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function*.		No
2 Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses*?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Locally Significant Wetland

Wetland Characterization Sheet

Project Name: Corvallis Natural Resource Inventory

		Wetland Code:	WC-OAK-W-4
Date(s) of field work:	7/23/2002	Size (acres):	0.76
Data Sheet Numbers:	162, 163	Cowardin Class(es):	PEM
Investigator(s):	CR/PF	HGM Class(es):	RI

Location -- Legal:	T. 11S, R. 5W, S.33
Other:	West of 35th Avenue, north of RR tracks, south of Harrison Blvd.
Tax Lots:	See accompanying table
Hydrologic basin:	OAK CREEK
Soil -- Mapped series:	Concord silt loam
Hydrologic Source:	Groundwater, surface flow

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
Fraxinus latifolia	Oregon Ash	*Phalaris arundinacea*	Reed Canary Grass
		Eleocharis ovata	Ovate Spikerush
		Leersia oryzoides	Rice Cutgrass

Comments: **Locally Significant Wetland**

Wet swale that drains to Oak Creek via small intermittent channel. May also provide overflow during flood events. Site is owned by OSU and zoned Public Institutional. Currently adjacent land is mostly undeveloped. DSL WD #99-0528.

Adjacent Upland species: Quercus garryana, Cirsium arvense, Festuca arundicea, Daucus carota, Cirsium vulgare, Lactuca serriola

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

Oregon Freshwater Wetland Assessment Methodology

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Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-OAK-W-5**
Project Location:	Benton County	**Wetland Type(s):**	PFO,PEM

Date(s) of field work:	7/17/2002	**Approx. Area (acres):**	1.93
Onsite Assessment?:	YES	**Investigator(s):**	CR/PF
Wetland Location:	West of 35th Avenue, north of RR tracks, south of Oak 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	**A**	Q-1		Q-1	**B**	Q-1	**B**	Q-1	**B**
Q-2	**A**	Q-2		Q-2	**A**	Q-2	**A**	Q-2	**A**
Q-3	**B**	Q-3		Q-3	**B**	Q-3	**C**	Q-3	**C**
Q-4	**C**	Q-4		Q-4	**B**	Q-4	**C**	Q-4	**B**
Q-5	**A**	Q-5		Q-5	**B**	Q-5	**A**	Q-5	**B**
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	**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	**B**	Q-1	**C**	Q-1	**B**
Q-2		Q-2	**A**	Q-2	**C**	Q-2	**A**
Q-3		Q-3	**A**	Q-3	**C**	Q-3	**C**
Q-4		Q-4	**B**	Q-4	**A**	Q-4	**B**
Q-5B		Q-5	**C**	Q-5	**B**	Q-5	**A**
Q-6		Q-6	**B**	Q-6	**B**	Q-6	**A**

Results:

Enhancement Potential	Due to diverse wildlife habitat, this wetland cannot be enhanced
Education	Wetland has potential for educational use
Recreation	Wetland is not appropriate or does not provide rec. opportunities
Aesthetic Quality	Wetland is considered to be moderately pleasing

Oregon Freshwater Wetland Assessment Methodology
Functions and Conditions Summary Sheet

Project:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-OAK-W-5**
Location:	Benton County	**Approx. Area (acres):**	1.93
Date:	7/17/2002	**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 use is primarily agriculture
	Less than 0.5 acres of open water	Wetland buffer is greater than 40%
Result:	**Fish habitat was not assessed for this wetland**	
Rationale:		
Result:	**Wetland's water-quality function is impacted or degraded**	
Rationale:	Primary water source is precipitation	Surface water connection to other wetlands
	Wetland floods/ponds in growing season	Adjacent land use is primarily agriculture
	Moderate vegetation cover	No adjacent Water Quality Limited streams
Result:	**Wetland's hydrologic control is impacted or degraded**	
Rationale:	Wetland is not within 100 year floodplain	Dominated by woody vegetation
	Wetland floods/ponds in growing season	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 is taken out or isolated wetland	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 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 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 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

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-OAK-W-5**
Project Location:	Benton County	**Approx. Area (acres):**	1.93
Date:	7/17/2002	**Wetland Types(s):**	PFO,PEM

***Exclusions*: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

***Mandatory Locally Significant Wetland Criteria*: This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat*?	Yes	
2 Is the wetland's *fish habitat function intact*?		No
3 Is the wetland's *water quality function intact*?		No
4 Is the wetland's *hydrologic control function intact*?		No
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list)and is the wetland's *water quality function intact, or impacted or degraded*?		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 salmonidsand is the wetland's *fish habitat function intact, or impacted or degraded*?		No
Mandatory Locally Significant Wetland criteria satisfied ?	**Yes**	

***Optional Locally Significant Wetland Criteria*: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant communityand provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function*.		No
2 Is the wetland publicly owned and used by a school or organizationand does the wetland provide *educational uses*?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Locally Significant Wetland

Wetland Characterization Sheet

Project Name: Corvallis Natural Resource Inventory

		Wetland Code:	**WC-OAK-W-5**
Date(s) of field work:	**7/17/2002**	Size (acres):	**1.93**
Data Sheet Numbers:	**160, 161, 164**	Cowardin Class(es):	**PFO,PEM**
Investigator(s):	**CR/PF**	HGM Class(es):	**DO**

Location -- Legal:	**T. 11S, R. 5W, S. 33**
Other:	**West of 35th Avenue, north of RR tracks, south of Oak Creek**
Tax Lots:	**See accompanying table**
Hydrologic basin:	**OAK CREEK**
Soil -- Mapped series:	**Bashaw clay, Waldo silty clay loam**
Hydrologic Source:	**Precipitation**

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
Fraxinus latifolia	**Oregon Ash**	***Solanum dulcamara***	**Bittersweet Nightshade**
Salix sp.	**willow**	***Alopecurus pratensis***	**Meadow Foxtail**
		Phalaris arundinacea	**Reed Canary Grass**
		Stachys cooleyae	**Cooley's Hedgenettle**
		Bidens frondosa	**Devil's Beggar-Ticks**

Comments: **Locally Significant Wetland**

Small forested and emergent wetland on south side of Oak Creek. Appears to pond water seasonally and drain to Oak Creek, but set high above creek so no fish habitat. Zoned Open Space-Agriculture and owned by OSU. Adjacent land use is farmed field or disturbed.

Adjacent upland species: Lolium multiflorum, Triticum aestivum

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

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-OAK-W-6**
Project Location:	Benton County	**Wetland Type(s):**	PFO,PSS,PEM

Date(s) of field work:	7/23/2002	**Approx. Area (acres):**	1.81
Onsite Assessment?:	YES	**Investigator(s):**	CR/PF
Wetland Location:	West of 35th Avenue and south of Harrison 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	**A**	Q-1	**A**	Q-1	**A**	Q-1	**B**	Q-1	**B**
Q-2	**C**	Q-2	**A**	Q-2	**A**	Q-2	**A**	Q-2	**A**
Q-3	**A**	Q-3	**B**	Q-3	**A**	Q-3	**C**	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	**B**
Q-6	**A**	Q-6	**A**	Q-6	**C**	Q-6	**B**	Q-6	**C**
Q-7	**A**					Q-7	**B**		
Q-8	**B**								
Q-9A									
Q-9B	**A**								

Results:

Wildlife Habitat	Wetland provides habitat for some wildlife species
Fish Habitat	Wetland's fish habitat function is intact
Water Quality	Wetland's water-quality function is intact
Hydrologic Control	Wetland's hydrologic control is impacted or degraded
Sensitivity to Impact	Wetland is potentially sensitive to future impacts

Function and Condition Assessment Answers

Enhancement Potential		Education		Recreation		Aesthetic Quality	
Q	**A**	**Q**	**A**	**Q**	**A**	**Q**	**A**
Q-1	**A**	Q-1	**B**	Q-1	**B**	Q-1	**A**
Q-2	**A**	Q-2	**A**	Q-2	**C**	Q-2	**B**
Q-3	**A**	Q-3	**A**	Q-3	**C**	Q-3	**A**
Q-4	**C**	Q-4	**A**	Q-4	**B**	Q-4	**A**
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 has potential for educational use
Recreation	Wetland has the potential to provide recreational activities
Aesthetic Quality	Wetland is considered to be pleasing

Oregon Freshwater Wetland Assessment Methodology
Functions and Conditions Summary Sheet

Project:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-OAK-W-6**
Location:	Benton County	**Approx. Area (acres):**	1.81
Date:	7/23/2002	**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 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
	10-25% of stream has instream structures	Salmon and/or trout present in stream
Result:	**Wetland's water-quality function is intact**	
Rationale:	Primary water source is surface flow	Surface water connection to other wetlands
	Wetland floods/ponds in growing season	Adjacent land 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	Agriculture upslope of wetland
Result:	**Wetland is potentially sensitive to future impacts**	
Rationale:	Stream not modified	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 high enhancement potential**	
Rationale:	Wetland functions are impacted or degraded	Wetland is less than 0.5 acres
	Primary water source is surface flow	Wetland buffer is greater than 40%
	Flow into wetland is not restricted	Potentially sensitive to future impacts
Result:	**Wetland has potential for educational use**	
Rationale:	Wetland access by landowner permission	Unmaintained public access within 250 feet
	No visible hazards to public	Wetland is not limited mobility accessible
	Public access to other habitats exist	
Result:	**Wetland has the potential to provide recreational activities**	
Rationale:	Unmaintained public access within 250 feet	Wetland provides habitat for some wildlife
	No boat launching can be developed	No fishing is allowed
	No trails or viewing areas exist	No hunting is allowed
Result:	**Wetland is considered to be pleasing**	
Rationale:	More than two Cowardin classes are visible	Wetland surrounded by natural areas
	25 - 50% of wetland can be seen	Natural odors present at wetland
	No visual detractors are present	Some traffic and natural noises are present

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-OAK-W-6**
Project Location:	Benton County	**Approx. Area (acres):**	1.81
Date:	7/23/2002	**Wetland Types(s):**	PFO,PSS,PEM

Exclusions **: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

Mandatory Locally Significant Wetland Criteria **: This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat*?		No
2 Is the wetland's *fish habitat function intact*?	Yes	
3 Is the wetland's *water quality function intact*?	Yes	
4 Is the wetland's *hydrologic control function intact*?		No
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list)and is the wetland's *water quality function intact, or impacted or degraded*?		No
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonidsand is the wetland's *fish habitat function intact, or impacted or degraded*?	Yes	
Mandatory Locally Significant Wetland criteria satisfied ?	**Yes**	

Optional Locally Significant Wetland Criteria **: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant communityand provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function* .		No
2 Is the wetland publicly owned and used by a school or organizationand does the wetland provide *educational uses*?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Locally Significant Wetland

Wetland Characterization Sheet

Project Name: Corvallis Natural Resource Inventory

		Wetland Code:	**WC-OAK-W-6**
Date(s) of field work:	**7/23/2002**	Size (acres):	**1.81**
Data Sheet Numbers:	**145-6,151,153-5,181-2,199**	Cowardin Class(es):	**PFO,PSS,PEM**
Investigator(s):	**CR/PF**	HGM Class(es):	**RFT, RI**

Location -- Legal:	**T. 11S, R.5W, S. 33**
Other:	**West of 35th Avenue and south of Harrison Blvd.**
Tax Lots:	**See accompanying table**
Hydrologic basin:	**OAK CREEK**
Soil -- Mapped series:	**Concord silt loam, Bashaw clay**
Hydrologic Source:	**Surface water**

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
Fraxinus latifolia	**Oregon Ash**	*Polygonum lapathifolium*	**Willow-Weed**
Rosa pisocarpa	**Clustered Wild Rose**	*Phalaris arundinacea*	**Reed Canary Grass**
Salix lasiandra	**Pacific Willow**	*Echinochloa crusgalli*	**Large Barnyard Grass**
		Dipsacus sylvestris	**Teasel**
		Solanum dulcamara	**Bittersweet Nightshade**
		Alopecurus pratensis	**Meadow Foxtail**
		Agrostis tenuis	**Colonial Bentgrass**
		Rumex crispus	**Curly Dock**

Comments: **Locally Significant Wetland**

Series of backwater sloughs and overflow channels on north side of Oak Creek connected by intermittent channels. Zoned Open Space-Agriculture and owned by OSU. Adjacent land use is currently undeveloped and not farmed or grazed. Nice upland interspersion with wetlands and forested riparian zone also.

Adjacent Upland species: Quercus garryana, Rhus diversiloba, Rubus discolor, Symphoricarpos albus, Cirsium arvense, Festuca arundincea, Lactuca serriola, Brachypodium sylvaticum, Daucus carota

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

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-OAK-W-7**
Project Location:	Benton County	**Wetland Type(s):**	PEMf

Date(s) of field work:	7/17/2002	**Approx. Area (acres):**	3.60
Onsite Assessment?:	YES	**Investigator(s):**	PF/CR
Wetland Location:	West of 35th Avenue, north of RR tracks, south of Oak 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	**B**
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	**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	**B**								

Results:

Wildlife Habitat	Wetland provides habitat for some wildlife species
Fish Habitat	Fish habitat was not assessed for this wetland
Water Quality	Wetland's water-quality function is impacted or degraded
Hydrologic Control	Wetland's hydrologic control is impacted or degraded
Sensitivity to Impact	Wetland is potentially sensitive to future impacts

Function and Condition Assessment Answers

Enhancement Potential		Education		Recreation		Aesthetic Quality	
Q	**A**	**Q**	**A**	**Q**	**A**	**Q**	**A**
Q-1	**A**	Q-1	**B**	Q-1	**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	**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	**B**	Q-6	**B**	Q-6	**A**

Results:

Enhancement Potential	Wetland has high enhancement potential
Education	Wetland has potential for educational use
Recreation	Wetland has the potential to provide recreational activities
Aesthetic Quality	Wetland is considered to be pleasing

Oregon Freshwater Wetland Assessment Methodology
Functions and Conditions Summary Sheet

Project:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-OAK-W-7**
Location:	Benton County	**Approx. Area (acres):**	3.60
Date:	7/17/2002	**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 between 10% and 40%
Result:	**Fish habitat was not assessed for this wetland**	
Rationale:		
Result:	**Wetland's water-quality function is impacted or degraded**	
Rationale:	Primary water source is precipitation	Surface water connection to other wetlands
	Wetland does not flood or pond	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 does not flood or pond	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 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 precipitation	Wetland buffer is between 10% and 40%
	Water flow is permanently restricted	Potentially sensitive to future impacts
Result:	**Wetland has potential for educational use**	
Rationale:	Wetland access by landowner permission	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:	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

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-OAK-W-7**
Project Location:	Benton County	**Approx. Area (acres):**	3.60
Date:	7/17/2002	**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 *diverse wildlife habitat*?		No
2 Is the wetland's *fish habitat function intact*?		No
3 Is the wetland's *water quality function intact*?		No
4 Is the wetland's *hydrologic control function intact*?		No
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list)and is the wetland's *water quality function intact, or impacted or degraded*?		No
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonidsand is the wetland's *fish habitat function intact, or impacted or degraded*?		No
Mandatory Locally Significant Wetland criteria satisfied ?		**No**

***Optional Locally Significant Wetland Criteria*: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant communityand provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function*.		No
2 Is the wetland publicly owned and used by a school or organizationand does the wetland provide *educational uses*?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Does not satisfy the criteria, Not a Locally Significant Wetland

Wetland Characterization Sheet

Project Name: Corvallis Natural Resource Inventory

		Wetland Code:	**WC-OAK-W-7**
Date(s) of field work:	**7/17/2002**	Size (acres):	**3.60**
Data Sheet Numbers:	**156, 159**	Cowardin Class(es):	**PEMf**
Investigator(s):	**PF/CR**	HGM Class(es):	**F**

Location -- Legal:	**T. 11S, R. 5W, S. 33**
Other:	**West of 35th Avenue, north of RR tracks, south of Oak Creek**
Tax Lots:	**See accompanying table**
Hydrologic basin:	**OAK CREEK**
Soil -- Mapped series:	**Waldo silty clay loam**
Hydrologic Source:	**Precipitation**

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
		Alopecurus pratensis	**Meadow Foxtail**
		Agrostis tenuis	**Colonial Bentgrass**

Comments:

Wet field on south side of Oak Creek. Shallow drainage ditch along west and south sides of field directs seasonal water to Oak Creek. Zoned Open Space-Agriculture and owned by OSU.

Adjacent Upland species: Festuca arundinacea, Daucus carota, Chrysanthemum leucanthemum, Vicia sativa

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

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-OAK-W-8**
Project Location:	Benton County	**Wetland Type(s):**	PEM, PEMf

Date(s) of field work:	7/12/2002	**Approx. Area (acres):**	14.92
Onsite Assessment?:	YES	**Investigator(s):**	CR/PF
Wetland Location:	South of Harrison, east of 53rd, north of bike path		

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	**B**	Q-2		Q-2	**A**	Q-2	**A**	Q-2	**A**
Q-3	**C**	Q-3		Q-3	**A**	Q-3	**C**	Q-3	**C**
Q-4	**C**	Q-4		Q-4	**B**	Q-4	**C**	Q-4	**B**
Q-5	**A**	Q-5		Q-5	**B**	Q-5	**B**	Q-5	**B**
Q-6	**A**	Q-6		Q-6	**C**	Q-6	**B**	Q-6	**B**
Q-7	**A**					Q-7	**B**		
Q-8	**B**								
Q-9A									
Q-9B	**A**								

Results:

Wildlife Habitat	Wetland provides habitat for some wildlife species
Fish Habitat	Fish habitat was not assessed for this wetland
Water Quality	Wetland's water-quality function is intact
Hydrologic Control	Wetland's hydrologic control is impacted or degraded
Sensitivity to Impact	Wetland is potentially sensitive to future impacts

Function and Condition Assessment Answers

Enhancement Potential		Education		Recreation		Aesthetic Quality	
Q	**A**	**Q**	**A**	**Q**	**A**	**Q**	**A**
Q-1	**A**	Q-1	**B**	Q-1	**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	**C**	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 moderate potential for enhancement
Education	Wetland has potential 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:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-OAK-W-8**
Location:	Benton County	**Approx. Area (acres):**	14.92
Date:	7/12/2002	**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 & 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	Surface water connection to other wetlands
	Wetland floods/ponds in growing season	Adjacent land use is primarily agriculture
	High wetland vegetation cover	No adjacent Water Quality Limited streams
Result:	**Wetland's hydrologic control is impacted or degraded**	
Rationale:	Wetland is within 100 year floodplain	Herbaceous vegetation & 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 is taken out or isolated wetland	Adjacent zoning is primarily agriculture
	No adjacent Water Quality Limited streams	Herbaceous vegetation & ponding
Result:	**Wetland has moderate potential for enhancement**	
Rationale:	Wetland functions are impacted or degraded	Wetland is less than 0.5 acres
	Primary water source is precipitation	Wetland buffer is greater than 40%
	Water flow is permanently restricted	Potentially sensitive to future impacts
Result:	**Wetland has potential for educational use**	
Rationale:	Wetland access by landowner permission	Maintained public access within 250 feet
	No visible hazards to public	Wetland is limited mobility accessible
	Public access to other habitats exist	
Result:	**Wetland 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

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-OAK-W-8**
Project Location:	Benton County	**Approx. Area (acres):**	14.92
Date:	7/12/2002	**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 *diverse wildlife habitat*?		No
2 Is the wetland's *fish habitat function intact* ?		No
3 Is the wetland's *water quality function intact*?	Yes	
4 Is the wetland's *hydrologic control function intact*?		No
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list)and is the wetland's *water quality function intact, or impacted or degraded*?		No
6 Does the wetland contain a rare plant community?	Yes	
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 salmonidsand is the wetland's *fish habitat function intact, or impacted or degraded* ?		No
Mandatory Locally Significant Wetland criteria satisfied ?	**Yes**	

***Optional Locally Significant Wetland Criteria* : local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant communityand provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function* .	Yes	
2 Is the wetland publicly owned and used by a school or organizationand does the wetland provide *educational uses* ?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Locally Significant Wetland

Wetland Characterization Sheet

Project Name: Corvallis Natural Resource Inventory

		Wetland Code:	**WC-OAK-W-8**
Date(s) of field work:	**7/12/2002**	Size (acres):	**14.92**
Data Sheet Numbers:	**134, 136, 141,142, 143, 144, 147, 149, 150**	Cowardin Class(es):	**PEM, PEMf**
Investigator(s):	**CR/PF**	HGM Class(es):	**F, DCNP**

Location -- Legal:	**T. 11S, R. 5W, S. 33**
Other:	**South of Harrison, east of 53rd, north of bike path**
Tax Lots:	**See accompanying table**
Hydrologic basin:	**OAK CREEK**
Soil -- Mapped series:	**Waldo silty clay loam**
Hydrologic Source:	**Precipitation**

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
		Alopecurus pratensis	Meadow Foxtail
		Agrostis tenuis	Colonial Bentgrass
		Downingia elegans	Common Downingia
		Eryngium petiolatum	Oregon Coyote-Thistle
		Rumex crispus	Curly Dock
		Gnaphalium palustre	Lowland Cudweed
		Plagiobothrys figuratus	Fragrant Popcorn-Flower
		Alopecurus geniculatus	Water Foxtail
		Dipsacus sylvestris	Teasel
		Rorippa curvisiliqua	Western Yellow-Cress

Comments: **Locally Significant Wetland**

Wetland on OSU property south of Oak Creek and north of Campus Way bike path. Wet swales drain east. Probable hydologically linked to wetlands on south side of bike path. Portions of wetland are irrigated. Eastern portion is excavated portion of wetland enhancement project on OSU land near Irish Bend bridge. Zoned Open Space-Agriculture. Currently the eastern portion is protected from farming and grazing by fence.

Adjacent upland species: Lolium perenne, Cirsium vulgare, Quercus garryana, Dactylis glomerata, Festuca arundinacea, Crepis setosa, Vicia sativa

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

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-OAK-W-9**
Project Location:	Benton County	**Wetland Type(s):**	PEM

Date(s) of field work:	7/17/2002	**Approx. Area (acres):**	7.85
Onsite Assessment?:	NO	**Investigator(s):**	CR/PF
Wetland Location:	South of bike path, between 35th and 53rd 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	**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	**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	**A**								

Results:

Wildlife Habitat	Wetland provides habitat for some wildlife species
Fish Habitat	Fish habitat was not assessed for this wetland
Water Quality	Wetland's water-quality function is impacted or degraded
Hydrologic Control	Wetland's hydrologic control is impacted or degraded
Sensitivity to Impact	Wetland is potentially sensitive to future impacts

Function and Condition Assessment Answers

Enhancement Potential		Education		Recreation		Aesthetic Quality	
Q	**A**	**Q**	**A**	**Q**	**A**	**Q**	**A**
Q-1	**A**	Q-1	**C**	Q-1	**C**	Q-1	**C**
Q-2	**C**	Q-2	**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	**A**
Q-5B	**A**	Q-5	**C**	Q-5	**B**	Q-5	**A**
Q-6	**B**	Q-6	**A**	Q-6	**B**	Q-6	**A**

Results:

Enhancement Potential	Wetland has high enhancement potential
Education	Wetland site is not appropriate for educational use
Recreation	Wetland is not appropriate or does not provide rec. opportunities
Aesthetic Quality	Wetland is considered to be pleasing

Oregon Freshwater Wetland Assessment Methodology
Functions and Conditions Summary Sheet

Project:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-OAK-W-9**
Location:	Benton County	**Approx. Area (acres):**	7.85
Date:	7/17/2002	**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 impacted or degraded**	
Rationale:	Primary water source is precipitation	Surface water connection to other wetlands
	Wetland floods/ponds in growing season	Adjacent land use is primarily agriculture
	Moderate vegetation cover	No adjacent Water Quality Limited streams
Result:	**Wetland's hydrologic control is impacted or degraded**	
Rationale:	Wetland is not within 100 year floodplain	Herbaceous vegetation, no ponding
	Wetland floods/ponds in growing season	Agriculture downslope of wetland
	Water has unrestricted flow out of wetland	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 high enhancement potential**	
Rationale:	Wetland functions are impacted or degraded	Wetland is between 0.5 and 5 acres
	Primary water source is precipitation	Wetland buffer is greater than 40%
	Water flow is permanently restricted	Potentially sensitive to future impacts
Result:	**Wetland site is not appropriate for educational use**	
Rationale:	No access allowed to wetland	No access point to wetland exists
	No visible hazards to public	Wetland is 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 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

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-OAK-W-9**
Project Location:	Benton County	**Approx. Area (acres):**	7.85
Date:	7/17/2002	**Wetland Types(s):**	PEM

***Exclusions*: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

***Mandatory Locally Significant Wetland Criteria* : This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat*?		No
2 Is the wetland's *fish habitat function intact*?		No
3 Is the wetland's *water quality function intact*?		No
4 Is the wetland's *hydrologic control function intact*?		No
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list) and is the wetland's *water quality function intact, or impacted or degraded*?		No
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids and is the wetland's *fish habitat function intact, or impacted or degraded*?		No
Mandatory Locally Significant Wetland criteria satisfied ?		**No**

***Optional Locally Significant Wetland Criteria* : local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function* .		No
2 Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses*?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Does not satisfy the criteria, Not a Locally Significant Wetland

Wetland Characterization Sheet

Project Name: Corvallis Natural Resource Inventory

		Wetland Code:	**WC-OAK-W-9**
Date(s) of field work:	**7/17/2002**	Size (acres):	**7.85**
Data Sheet Numbers:	**OFF-SITE**	Cowardin Class(es):	**PEM**
Investigator(s):	**CR/PF**	HGM Class(es):	**S/F**

Location -- Legal:	**T. 11S, R.5W, S.33**
Other:	**South of bike path, between 35th and 53rd Avenues**
Tax Lots:	**See accompanying table**
Hydrologic basin:	**OAK CREEK**
Soil -- Mapped series:	**Waldo silty clay loam**
Hydrologic Source:	**Precipitation**

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
		Alopecurus pratensis	**Meadow Foxtail**
		Downingia elegans	**Common Downingia**
		Juncus effusus	**Soft Rush**
		Boisduvalia densiflora	**Dense-Flower Spike-Primrose**
		Deschampsia cespitosa	**Tufted Hairgrass**

Comments:

OFF-SITE. Emergent wet meadow wetlands within OSU animal quarantine area. Includes four separate wetland areas. Area in east adjacent to bike path probably connected by groundwater to wetland on north side of path. West swale drains south under rail tracks to Squaw Creek drainage.

Adjacent upland species: Festuca arundinacea, Crepis capillaris, Daucus carota

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

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-OAK-W-10**
Project Location:	Benton County	**Wetland Type(s):**	PFO,PSS,PEM

Date(s) of field work:	9/16/2002	**Approx. Area (acres):**	32.06
Onsite Assessment?:	YES	**Investigator(s):**	CR/JVS
Wetland Location:	South of Oak Creek Dr., north of Bald Hill Park.		

Function and Condition Assessment Answers

Wildlife Habitat		Fish Habitat		Water Quality		Hydrologic Control		Sensitivity to Impact	
Q	**A**	**Q**	**A**	**Q**	**A**	**Q**	**A**	**Q**	**A**
Q-1	**A**	Q-1		Q-1	**B**	Q-1	**B**	Q-1	**B**
Q-2	**B**	Q-2		Q-2	**A**	Q-2	**A**	Q-2	**B**
Q-3	**B**	Q-3		Q-3	**B**	Q-3	**A**	Q-3	**C**
Q-4	**C**	Q-4		Q-4	**A**	Q-4	**C**	Q-4	**B**
Q-5	**A**	Q-5		Q-5	**B**	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	**B**		
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	**A**	Q-1	**B**	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	**A**
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 has potential 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:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-OAK-W-10**
Location:	Benton County	**Approx. Area (acres):**	32.06
Date:	9/16/2002	**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 use is primarily agriculture
	Less than 0.5 acres of open water	Wetland buffer is greater than 40%
Result:	**Fish habitat was not assessed for this wetland**	
Rationale:		
Result:	**Wetland's water-quality function is impacted or degraded**	
Rationale:	Primary water source is precipitation	Wetland is more than 5 acres in size
	Wetland floods/ponds in growing season	Adjacent land use is primarily agriculture
	Moderate vegetation cover	No adjacent Water Quality Limited streams
Result:	**Wetland's hydrologic control 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	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 & ponding
Result:	**Due to diverse wildlife habitat, this wetland cannot be enhanced**	
Rationale:		
Result:	**Wetland has potential for educational use**	
Rationale:	Wetland access by landowner permission	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 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

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-OAK-W-10**
Project Location:	Benton County	**Approx. Area (acres):**	32.06
Date:	9/16/2002	**Wetland Types(s):**	PFO,PSS,PEM

***Exclusions*: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

***Mandatory Locally Significant Wetland Criteria*: This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat*?	Yes	
2 Is the wetland's *fish habitat function intact*?		No
3 Is the wetland's *water quality function intact*?		No
4 Is the wetland's *hydrologic control function intact*?		No
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list)and is the wetland's *water quality function intact, or impacted or degraded*?		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?	Yes	
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonidsand is the wetland's *fish habitat function intact, or impacted or degraded*?		No
Mandatory Locally Significant Wetland criteria satisfied ?	**Yes**	

***Optional Locally Significant Wetland Criteria*: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant communityand provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function*.		No
2 Is the wetland publicly owned and used by a school or organizationand does the wetland provide *educational uses*?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Locally Significant Wetland

Wetland Characterization Sheet

Project Name: Corvallis Natural Resource Inventory

		Wetland Code:	WC-OAK-W-10
Date(s) of field work:	9/16/2002	Size (acres):	32.06
Data Sheet Numbers:	90, 93,97,103,106,117,118	Cowardin Class(es):	PFO,PSS,PEM
Investigator(s):	CR/JVS	HGM Class(es):	F, RFT

Location -- Legal:	T11S, R5W, Sec. 32
Other:	South of Oak Creek Dr., north of Bald Hill Park.
Tax Lots:	See accompanying table
Hydrologic basin:	OAK CREEK
Soil -- Mapped series:	Bashaw clay, Dayton silt loam, Witham silty clay loam, 2-7% slopes
Hydrologic Source:	Precipitation

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
Fraxinus latifolia	#VALUE!	*Agrostis tenuis*	#VALUE!
Crataegus douglasii	#VALUE!	*Holcus lanatus*	#VALUE!
Rosa eglanteria	#VALUE!	*Dipsacus sylvestris*	#VALUE!
		Juncus bufonius	#VALUE!

Comments: **Locally Significant Wetland**

Actively grazed cattle pasture, primarily consists of PEM wetland with a PFO/PSS wetland encompassing a seasonal drainageway within the Oak Creek drainage basin. Zoned residential and located along the north side of Bald Hill Park. Primary hydrologic source appears to be precipitation. Nelsons checkermallow may be in this area (a state and federal listed threatened species). WETLAND OF SPECIAL INTEREST FOR PROTECTION.

Adjacent upland species: *Festuca arundinacea, Trifolium pratense, Chrysanthemum leucanthemum, Rubus discolor, Crataegus monogyn* a.

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

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	Corvallis Natural Resource Inventory	Wetland:	WC-OAK-W-11
Project Location:	Benton County	Wetland Type(s):	PFO, PEM, PEMf

Date(s) of field work:	7/12/2002	Approx. Area (acres):	8.94
Onsite Assessment?:	YES	Investigator(s):	PF/CR
Wetland Location:	South of Harrison, east of 53rd, north of bike path		

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 maybe	A?	Q-1	B	Q-1	B
Q-2	C	Q-2	C	Q-2 barely	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 (A)	B	Q-4	C	Q-4	B
Q-5	A	Q-5	B	Q-5	B	Q-5	C	Q-5	B
Q-6	A	Q-6	C	Q-6	C	Q-6	B	Q-6	C
Q-7	A			Questionable		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 intact
Hydrologic Control	Wetland's hydrologic control is impacted or degraded
Sensitivity to Impact	Wetland is not 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	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	A	Q-4	B	Q-4	B
Q-5B	C	Q-5	C	Q-5	B	Q-5	A
Q-6	A	Q-6	B	Q-6	B	Q-6	A

Results:

Enhancement Potential	Wetland has high enhancement potential
Education	Wetland has potential for educational use
Recreation	Wetland is not appropriate or does not provide rec. opportunities
Aesthetic Quality	Wetland is considered to be pleasing

Oregon Freshwater Wetland Assessment Methodology
Functions and Conditions Summary Sheet

Project:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-OAK-W-11**
Location:	Benton County	**Approx. Area (acres):**	8.94
Date:	7/12/2002	**Wetland Types(s):**	PFO, PEM, PEMf

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:	**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	Stream does not contain fish
Result:	**Wetland's water-quality function is intact**	
Rationale:	Primary water source is surface flow	Surface water connection to other wetlands
	Wetland floods/ponds in growing season	Adjacent land use is primarily agriculture
	High wetland vegetation cover	No adjacent Water Quality Limited streams
Result:	**Wetland's hydrologic control is impacted or degraded**	
Rationale:	Wetland is not within 100 year floodplain	Herbaceous vegetation, 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 not 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	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 less than 10%
	Flow into wetland is not restricted	Wetland is not 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

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-OAK-W-11**
Project Location:	Benton County	**Approx. Area (acres):**	8.94
Date:	7/12/2002	**Wetland Types(s):**	PFO, 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 *diverse wildlife habitat*?		No
2 Is the wetland's *fish habitat function intact*?		No
3 Is the wetland's *water quality function intact*?	Yes	
4 Is the wetland's *hydrologic control function intact*?		No
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list)and is the wetland's *water quality function intact, or impacted or degraded*?		No
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonidsand is the wetland's *fish habitat function intact, or impacted or degraded*?	Yes	
Mandatory Locally Significant Wetland criteria satisfied ?	**Yes**	

***Optional Locally Significant Wetland Criteria*: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant communityand provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function*.		No
2 Is the wetland publicly owned and used by a school or organizationand does the wetland provide *educational uses*?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Locally Significant Wetland

Wetland Characterization Sheet

Project Name: Corvallis Natural Resource Inventory

		Wetland Code:	WC-OAK-W-11
Date(s) of field work:	7/12/2002	Size (acres):	8.94
Data Sheet Numbers:	137, 138	Cowardin Class(es):	PFO, PEM, PEMf
Investigator(s):	PF/CR	HGM Class(es):	RFT/SF

Location -- Legal:	T. 11S, R. 5W, S. 33
Other:	South of Harrison, east of 53rd, north of bike path
Tax Lots:	See accompanying table
Hydrologic basin:	OAK CREEK
Soil -- Mapped series:	Amity silt loam
Hydrologic Source:	Surface water

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
		Alopecurus pratensis	Meadow Foxtail
		Phalaris arundinacea	Reed Canary Grass
		Alopecurus geniculatus	Water Foxtail
		Agrostis tenuis	Colonial Bentgrass

Comments: **Locally Significant Wetland**

Linear wetland and channel at the edge of agricultural fields on OSU property north of Oak Creek. This wetland is hydrologically connected to Oak Creek. Zoned Open Space-Agriculture and current land use is irrigated pasture.

Adjacent upland species: Festuca arundiancea, Lolium perenne, Dactylis glomerata

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

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	Corvallis Natural Resource Inventory	Wetland:	WC-OAK-W-12
Project Location:	Benton County	Wetland Type(s):	PEMf

Date(s) of field work:	7/12/2002	Approx. Area (acres):	4.35
Onsite Assessment?:	YES	Investigator(s):	PF/CR
Wetland Location:	South of Harrison, east of 53rd, north of bike path		

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	C	Q-1	B	Q-1	A	Q-1	B
Q-2	C	Q-2	C	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	C	Q-5	B
Q-6	B	Q-6	C	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 intact
Hydrologic Control	Wetland's hydrologic control is impacted or degraded
Sensitivity to Impact	Wetland is not 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	B	Q-4	A	Q-4	B	Q-4	B
Q-5B	C	Q-5	C	Q-5	B	Q-5	A
Q-6	A	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:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-OAK-W-12**
Location:	Benton County	**Approx. Area (acres):**	4.35
Date:	7/12/2002	**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:	**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	Stream does not contain fish
Result:	**Wetland's water-quality function is intact**	
Rationale:	Primary water source is precipitation	Surface water connection to other wetlands
	Wetland floods/ponds in growing season	Adjacent land 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
	Wetland floods/ponds in growing season	Agriculture downslope of wetland
	Water has unrestricted flow out of wetland	Agriculture upslope of wetland
Result:	**Wetland is not 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	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	Wetland is not 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

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-OAK-W-12**
Project Location:	Benton County	**Approx. Area (acres):**	4.35
Date:	7/12/2002	**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 *diverse wildlife habitat*?		No
2 Is the wetland's *fish habitat function intact*?		No
3 Is the wetland's *water quality function intact*?	Yes	
4 Is the wetland's *hydrologic control function intact*?		No
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list) and is the wetland's *water quality function intact, or impacted or degraded*?		No
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids and is the wetland's *fish habitat function intact, or impacted or degraded*?		No
Mandatory Locally Significant Wetland criteria satisfied ?	**Yes**	

***Optional Locally Significant Wetland Criteria*: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function*.		No
2 Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses*?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Locally Significant Wetland

Wetland Characterization Sheet

Project Name: Corvallis Natural Resource Inventory

		Wetland Code:	**WC-OAK-W-12**
Date(s) of field work:	**7/12/2002**	Size (acres):	**4.35**
Data Sheet Numbers:	**None**	Cowardin Class(es):	**PEMf**
Investigator(s):	**PF/CR**	HGM Class(es):	**S/F**

Location -- Legal:	**T. 11S, R. 5W, S. 33**
Other:	**South of Harrison, east of 53rd, north of bike path**
Tax Lots:	**See accompanying table**
Hydrologic basin:	**OAK CREEK**
Soil -- Mapped series:	**Bashaw clay**
Hydrologic Source:	**Precipitation**

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
		Alopecurus pratensis	**Meadow Foxtail**
		Phalaris arundinacea	**Reed Canary Grass**
		Carex x stipata	**Stalk-Grain Sedge**
		Juncus effusus	**Soft Rush**
		Agrostis tenuis	**Colonial Bentgrass**

Comments: **Locally Significant Wetland**

In ag field/pasture east of Oak Creek on OSU property south of Harrison Blvd. and north of Campus Way bike path. Likely seasonally connected to other wetlands and drainages to the east. Zoned Open Space-Agriculture.

Adjacent upland species: Galium aparine, Danthonia californica, Cirsium vulgare,

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

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-OAK-W-13**
Project Location:	Benton County	**Wetland Type(s):**	PSS,PEM

Date(s) of field work:	N/A	**Approx. Area (acres):**	25.06
Onsite Assessment?:	NO	**Investigator(s):**	PF
Wetland Location:	East of Walnut Boulevard, north of Harrison 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	**B**	Q-1	**B**	Q-1	**B**	Q-1	**B**
Q-2	**A**	Q-2	**A**	Q-2	**B**	Q-2	**B**	Q-2	**B**
Q-3	**B**	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	**B**
Q-5	**A**	Q-5	**B**	Q-5	**B**	Q-5	**A**	Q-5	**A**
Q-6	**A**	Q-6	**B**	Q-6	**C**	Q-6	**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	Wetland's fish habitat function is impacted or degraded
Water Quality	Wetland's water-quality function is impacted or degraded
Hydrologic Control	Wetland's hydrologic control is impacted or degraded
Sensitivity to Impact	Wetland is potentially sensitive to future impacts

Function and Condition Assessment Answers

Enhancement Potential		Education		Recreation		Aesthetic Quality	
Q	**A**	**Q**	**A**	**Q**	**A**	**Q**	**A**
Q-1		Q-1	**C**	Q-1	**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	**A**
Q-4		Q-4	**A**	Q-4	**A**	Q-4	**A**
Q-5B		Q-5	**A**	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 provides recreational opportunities
Aesthetic Quality	Wetland is considered to be pleasing

Oregon Freshwater Wetland Assessment Methodology
Functions and Conditions Summary Sheet

Project:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-OAK-W-13**
Location:	Benton County	**Approx. Area (acres):**	25.06
Date:	N/A	**Wetland Types(s):**	PSS,PEM

Result:	**Wetland provides diverse wildlife habitat**	
Rationale:	More than one Cowardin class	No adjacent Water Quality limited streams
	Dominated by woody vegetation	Adjacent land use is primarily agriculture
	Less than 0.5 acres of open water	Wetland buffer is greater than 40%
Result:	**Wetland's fish habitat function is impacted or degraded**	
Rationale:	25-50% of stream is shaded	No adjacent Water Quality Limited streams
	Stream 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 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 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 development
	No adjacent Water Quality Limited streams	Dominated by woody vegetation
Result:	**Due to diverse wildlife habitat, this wetland cannot be enhanced**	
Rationale:	Though the wetland generally provides diverse habitat, portions of this wetland unit may have enhancement potential.	
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 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 pleasing**	
Rationale:	More than two Cowardin classes are visible	Wetland surrounded by natural areas
	>50% of wetland can be seen	Natural odors present at wetland
	No visual detractors are present	Some traffic and natural noises are present

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-OAK-W-13**
Project Location:	Benton County	**Approx. Area (acres):**	25.06
Date:	N/A	**Wetland Types(s):**	PSS,PEM

***Exclusions*: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

***Mandatory Locally Significant Wetland Criteria* : This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat*?	Yes	
2 Is the wetland's *fish habitat function intact* ?		No
3 Is the wetland's *water quality function intact* ?		No
4 Is the wetland's *hydrologic control function intact* ?		No
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list)and is the wetland's *water quality function intact, or impacted or degraded* ?		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 salmonidsand is the wetland's *fish habitat function intact, or impacted or degraded* ?		No
Mandatory Locally Significant Wetland criteria satisfied ?	**Yes**	

***Optional Locally Significant Wetland Criteria* : local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant communityand provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function* .		No
2 Is the wetland publicly owned and used by a school or organizationand does the wetland provide *educational uses* ?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Locally Significant Wetland

Wetland Characterization Sheet

Project Name: Corvallis Natural Resource Inventory

		Wetland Code:	**WC-OAK-W-13**
Date(s) of field work:	**N/A**	Size (acres):	**25.06**
Data Sheet Numbers:	**OFF-SITE**	Cowardin Class(es):	**PSS,PEM**
Investigator(s):	**PF**	HGM Class(es):	**S/F, RFT**

Location -- Legal:	**T. 11S, R. 5W, S. 33**
Other:	**East of Walnut Boulevard, north of Harrison Boulevard.**
Tax Lots:	
Hydrologic basin:	**Oak Creek**
Soil -- Mapped series:	**Bashaw clay, Amity silt loam, Hazelair silt loam**
Hydrologic Source:	**Precipitation**

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
Fraxinus latifolia	**Oregon Ash**	***Agrostis tenuis***	**Colonial Bentgrass**
Crataegus douglasii	**Douglas' Hawthorn**	***Juncus tenuis***	**Slender Rush**
		Alopecurus pratensis	**Meadow Foxtail**
		Holcus lanatus	**Common Velvet Grass**
		Poa pratensis	**Kentucky Bluegrass**

Comments: **Locally Significant Wetland**

OFF-SITE. Previously delineated (DSL WD #99-0556). Witham Hill area with slope wetland to Harrison. Combination of scrub shrub (65%) and emergent wetland (35%), with intermittent drainage from hill. Zoned for residential. Existing land use is undeveloped/ abandoned pasture.

Adjacent upland species: Quercus garryanna, Rhus divsersiloba, Rubus discolor, Festuca arundinacea, Pseudotsuga menziesii, Crataegus monogyna, Cytisus scoparius

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

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-OAK-W-16**
Project Location:	Benton County	**Wetland Type(s):**	PFO,PSS,PEM

Date(s) of field work:	6/20/2002	**Approx. Area (acres):**	2.51
Onsite Assessment?:	YES	**Investigator(s):**	SE/ME
Wetland Location:	East of Walnut Boulevard, north of Harrison 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	**B**	Q-1	**C**	Q-1	**B**	Q-1	**A**
Q-2	**A**	Q-2	**B**	Q-2	**A**	Q-2	**A**	Q-2	**B**
Q-3	**B**	Q-3	**B**	Q-3	**A**	Q-3	**A**	Q-3	**C**
Q-4	**C**	Q-4	**A**	Q-4	**A**	Q-4	**C**	Q-4	**B**
Q-5	**A**	Q-5	**B**	Q-5	**B**	Q-5	**A**	Q-5	**C**
Q-6	**A**	Q-6	**A**	Q-6	**C**	Q-6	**B**	Q-6	**A**
Q-7	**A**					Q-7	**B**		
Q-8	**B**								
Q-9A									
Q-9B	**A**								

Results:

Wildlife Habitat	Wetland provides diverse wildlife habitat
Fish Habitat	Wetland's fish habitat function is impacted or degraded
Water Quality	Wetland's water-quality function is impacted or degraded
Hydrologic Control	Wetland's hydrologic control is impacted or degraded
Sensitivity to Impact	Wetland is potentially sensitive to future impacts

Function and Condition Assessment Answers

Enhancement Potential		Education		Recreation		Aesthetic Quality	
Q	**A**	**Q**	**A**	**Q**	**A**	**Q**	**A**
Q-1		Q-1	**B**	Q-1	**B**	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	**C**	Q-4	**A**	Q-4	**A**
Q-5B		Q-5	**B**	Q-5	**B**	Q-5	**A**
Q-6		Q-6	**B**	Q-6	**B**	Q-6	**B**

Results:

Enhancement Potential	Due to diverse wildlife habitat, this wetland cannot be enhanced
Education	Wetland has potential for educational use
Recreation	Wetland has the potential to provide recreational activities
Aesthetic Quality	Wetland is considered to be pleasing

Oregon Freshwater Wetland Assessment Methodology
Functions and Conditions Summary Sheet

Project:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-OAK-W-16**
Location:	Benton County	**Approx. Area (acres):**	2.51
Date:	6/20/2002	**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:	**Wetland's fish habitat function is impacted or degraded**	
Rationale:	25-50% of stream is shaded	No adjacent Water Quality Limited streams
	Only portions of stream are modified	Adjacent land use is primarily agriculture
	10-25% 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 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 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	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 mostly open space
	No adjacent Water Quality Limited streams	Dominated by woody vegetation
Result:	**Due to diverse wildlife habitat, this wetland cannot be enhanced**	
Rationale:		
Result:	**Wetland has potential for educational use**	
Rationale:	Wetland access by landowner permission	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 diverse wildlife habitat
	No boat launching can be developed	No fishing is allowed
	No trails or viewing areas exist	No hunting is allowed
Result:	**Wetland is considered to be pleasing**	
Rationale:	More than two Cowardin classes are visible	Wetland surrounded by natural areas
	25 - 50% of wetland can be seen	Natural odors present at wetland
	No visual detractors are present	Continuous traffic and natural noises occur

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-OAK-W-16**
Project Location:	Benton County	**Approx. Area (acres):**	2.51
Date:	6/20/2002	**Wetland Types(s):**	PFO,PSS,PEM

***Exclusions*: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

***Mandatory Locally Significant Wetland Criteria*: This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat*?	Yes	
2 Is the wetland's *fish habitat function intact*?		No
3 Is the wetland's *water quality function intact*?		No
4 Is the wetland's *hydrologic control function intact*?		No
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list) and is the wetland's *water quality function intact, or impacted or degraded*?		No
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids and is the wetland's *fish habitat function intact, or impacted or degraded*?		No
Mandatory Locally Significant Wetland criteria satisfied ?	**Yes**	

***Optional Locally Significant Wetland Criteria*: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function*.		No
2 Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses*?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Locally Significant Wetland

Wetland Characterization Sheet

Project Name: Corvallis Natural Resource Inventory

		Wetland Code:	**WC-OAK-W-16**
Date(s) of field work:	**6/20/2002**	Size (acres):	**2.51**
Data Sheet Numbers:	**76, 84,85,88**	Cowardin Class(es):	**PFO,PSS,PEM**
Investigator(s):	**SE/ME**	HGM Class(es):	**RFT,S/F**

Location -- Legal:	**T. 11S, R. 5W, S. 33**
Other:	**East of Walnut Boulevard, north of Harrison Boulevard.**
Tax Lots:	**See accompanying table**
Hydrologic basin:	**Oak Creek**
Soil -- Mapped series:	**Bashaw clay**
Hydrologic Source:	**surface water, precipitation**

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
Fraxinus latifolia	Oregon Ash	*Lotus corniculatus*	Birds-Foot Trefoil
Salix scouleriana	Scouler Willow	*Juncus effusus*	Soft Rush
		Alopecurus pratensis	Meadow Foxtail
		Holcus lanatus	Common Velvet Grass
		Vicia sativa	Common Vetch
		Carex athrostachya	Slender-Beak Sedge

Comments: **Locally Significant Wetland**

On north end of OSU poultry and sheep farm property. Zoned open agricultural and open conservation. A tributary of Oak Creek and a number of drainage swales divide the wetland into mixed area of palustrine forested, scrub/shrub and emergent communities. Portions of the wetland are harvested for a grass or grain crop and then used as a livestock pasture. Zoned open space - conservation.

Adjacent upland species: Quercus garryanna, Rhus divsersiloba, Rubus discolor, Festuca arundinacea, Vicia sativa, Alopecurus pratensis, Rumex crispus, Parentucellia viscosa

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

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	Corvallis Natural Resource Inventory	Wetland:	WC-OAK-W-18
Project Location:	Benton County	Wetland Type(s):	PEM

Date(s) of field work:	6/25/2002	Approx. Area (acres):	4.19
Onsite Assessment?:	YES	Investigator(s):	PF/CR
Wetland Location:	West of Walnut, north of Oak Creek Drive, north of OSU Equestrian Cente		

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	A	Q-2	A	Q-2	B
Q-3	B	Q-3		Q-3	A	Q-3	C	Q-3	C
Q-4	C	Q-4		Q-4	B	Q-4	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	C		
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 lost or not present
Sensitivity to Impact	Wetland is not 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	B	Q-1	B	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	B
Q-4	C	Q-4	A	Q-4	B	Q-4	A
Q-5B	A	Q-5	C	Q-5	B	Q-5	A
Q-6	A	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:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-OAK-W-18**
Location:	Benton County	**Approx. Area (acres):**	4.19
Date:	6/25/2002	**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 greater than 40%
Result:	**Fish habitat was not assessed for this wetland**	
Rationale:		
Result:	**Wetland's water-quality function is impacted or degraded**	
Rationale:	Primary water source is groundwater	Surface water connection to other wetlands
	Wetland floods/ponds in growing season	Adjacent land use is primarily agriculture
	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 floods/ponds in growing season	Agriculture downslope of wetland
	Water has unrestricted flow out of wetland	Open space upslope of wetland
Result:	**Wetland is not 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	Herbaceous vegetation, no ponding
Result:	**Wetland has moderate potential for enhancement**	
Rationale:	One or more functions lost/not present	Wetland is less than 0.5 acres
	Primary water source is groundwater	Wetland buffer is greater than 40%
	Water flow is permanently restricted	Wetland is not 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 natural areas
	>50% of wetland can be seen	Natural odors present at wetland
	Visual detractors present, can be removed	Some traffic and natural noises are present

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-OAK-W-18**
Project Location:	Benton County	**Approx. Area (acres):**	4.19
Date:	6/25/2002	**Wetland Types(s):**	PEM

***Exclusions*: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

***Mandatory Locally Significant Wetland Criteria* : This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat* ?		No
2 Is the wetland's *fish habitat function intact* ?		No
3 Is the wetland's *water quality function intact* ?		No
4 Is the wetland's *hydrologic control function intact* ?		No
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list)and is the wetland's *water quality function intact, or impacted or degraded* ?		No
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonidsand is the wetland's *fish habitat function intact, or impacted or degraded* ?		No
Mandatory Locally Significant Wetland criteria satisfied ?		**No**

***Optional Locally Significant Wetland Criteria* : local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant communityand provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function* .		No
2 Is the wetland publicly owned and used by a school or organizationand does the wetland provide *educational uses* ?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Does not satisfy the criteria, Not a Locally Significant Wetland

Wetland Characterization Sheet

Project Name: Corvallis Natural Resource Inventory

		Wetland Code:	**WC-OAK-W-18**
Date(s) of field work:	**6/25/2002**	Size (acres):	**4.19**
Data Sheet Numbers:	**52, 53**	Cowardin Class(es):	**PEM**
Investigator(s):	**PF/CR**	HGM Class(es):	**S/F**

Location -- Legal:	**T. 11S, R. 5W, S. 29**
Other:	**West of Walnut, north of Oak Creek Drive, north of OSU Equestrian Center**
Tax Lots:	**See accompanying table**
Hydrologic basin:	**OAK CREEK**
Soil -- Mapped series:	**Dixonville silty clay loam, 3-12% slopes**
Hydrologic Source:	**Groundwater, precipitation**

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
		Dipsacus sylvestris	**Teasel**
		Juncus tenuis	**Slender Rush**
		Briza minor	**Little Quaking Grass**
		Holcus lanatus	**Common Velvet Grass**
		Alopecurus pratensis	**Meadow Foxtail**
		Myosotis discolor	**Yellow and Blue Forget-Me-N**
		Juncus patens	**Spreading Rush**
		Carex densa	**Dense Sedge**

Comments:

Small seepage areas with seasonal connection to Oak Creek but no fish habitat. Zoned Open Space-Agriculture and owned by OSU. Some disturbance from grazing and old road. Adjacent land use is undeveloped open space and farming to south.

Adjacent upland species: Cirsium vulgare, Daucus carota, Avena sp., Taraxacum officinale, Parenticellia viscosa, Rubus discolor, Vicia sativa

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

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-OAK-W-19**
Project Location:	Benton County	**Wetland Type(s):**	PFO,PSS,PEM

Date(s) of field work:	7/19/2002	**Approx. Area (acres):**	1.09
Onsite Assessment?:	YES	**Investigator(s):**	ME/SE
Wetland Location:	East of Walnut Boulevard, south of Elmwood 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	**C**	Q-2		Q-2	**A**	Q-2	**A**	Q-2	**B**
Q-3	**B**	Q-3		Q-3	**C**	Q-3	**B**	Q-3	**C**
Q-4	**C**	Q-4		Q-4	**B**	Q-4	**C**	Q-4	**C**
Q-5	**A**	Q-5		Q-5	**C**	Q-5	**C**	Q-5	**C**
Q-6	**A**	Q-6		Q-6	**C**	Q-6	**C**	Q-6	**C**
Q-7	**A**					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 function is lost or not present
Sensitivity to Impact	Wetland is not sensitive to future impacts

Function and Condition Assessment Answers

Enhancement Potential		Education		Recreation		Aesthetic Quality	
Q	**A**	**Q**	**A**	**Q**	**A**	**Q**	**A**
Q-1	**A**	Q-1	**C**	Q-1	**C**	Q-1	**A**
Q-2	**C**	Q-2	**A**	Q-2	**C**	Q-2	**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	**B**	Q-5	**C**	Q-5	**B**	Q-5	**A**
Q-6	**A**	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:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-OAK-W-19**
Location:	Benton County	**Approx. Area (acres):**	1.09
Date:	7/19/2002	**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 between 10% and 40%
Result:	**Fish habitat was not assessed for this wetland**	
Rationale:		
Result:	**Wetland's water-quality function is impacted or degraded**	
Rationale:	Primary water source is precipitation	Surface water connection to other wetlands
	Wetland floods/ponds in growing season	Adjacent land is primarily open space
	Low 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 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 not sensitive to future impacts**	
Rationale:	Stream not modified	Adjacent land is primarily open space
	Water not taken out	Adjacent zoning is mostly open space
	No adjacent Water Quality Limited streams	Herbaceous vegetation, no ponding
Result:	**Wetland has high enhancement potential**	
Rationale:	Wetland functions are impacted or degraded	Wetland is between 0.5 and 5 acres
	Primary water source is precipitation	Wetland buffer is between 10% and 40%
	Water flow is permanently restricted	Wetland is not 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

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-OAK-W-19**
Project Location:	Benton County	**Approx. Area (acres):**	1.09
Date:	7/19/2002	**Wetland Types(s):**	PFO,PSS,PEM

***Exclusions*: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

***Mandatory Locally Significant Wetland Criteria*: This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat*?		No
2 Is the wetland's *fish habitat function intact*?		No
3 Is the wetland's *water quality function intact*?		No
4 Is the wetland's *hydrologic control function intact*?		No
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list)and is the wetland's *water quality function intact, or impacted or degraded*?		No
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonidsand is the wetland's *fish habitat function intact, or impacted or degraded*?		No
Mandatory Locally Significant Wetland criteria satisfied ?		**No**

***Optional Locally Significant Wetland Criteria*: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant communityand provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function*.		No
2 Is the wetland publicly owned and used by a school or organizationand does the wetland provide *educational uses*?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Does not satisfy the criteria, Not a Locally Significant Wetland

Wetland Characterization Sheet

Project Name: Corvallis Natural Resource Inventory

		Wetland Code:	WC-OAK-W-19
Date(s) of field work:	7/19/2002	Size (acres):	1.09
Data Sheet Numbers:	48, 49	Cowardin Class(es):	PFO,PSS,PEM
Investigator(s):	ME/SE	HGM Class(es):	S/F

Location -- Legal:	T. 11S, R. 5W, S. 28
Other:	East of Walnut Boulevard, south of Elmwood Drive
Tax Lots:	See accompanying table
Hydrologic basin:	Oak Creek
Soil -- Mapped series:	Bashaw clay
Hydrologic Source:	groundwater, precipitation

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
		Centaurium umbellatum	Common Centaury
		Holcus lanatus	Common Velvet Grass
		Agrostis tenuis	Colonial Bentgrass
		Juncus effusus	Soft Rush
		Alopecurus pratensis	Meadow Foxtail

Comments:

The wetland is upslope and adjacent to Oak Creek and includes palustrine scrub-shrub (20%), and emergent (80%) communities. The wetland is connected by a shallow channel. Zoned Open Space - Agriculture and owned by OSU. The wetland is not grazed but the adjacent land use is undeveloped open space.

Adjacent upland species: Festuca arundinacea, Daucus carota, Vicia tetrasperma, Parentucellia viscosa, Centaurium umbellatum, Chrysanthemum leucanthemum, Hypericum perforatum

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

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-OAK-W-20**
Project Location:	Benton County	**Wetland Type(s):**	PSS,PEM

Date(s) of field work:	7/17/2002	**Approx. Area (acres):**	3.93
Onsite Assessment?:	YES	**Investigator(s):**	SE/ME
Wetland Location:	East of Walnut Boulevard and west of Witham 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	**C**	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	**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	**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 impacted or degraded
Hydrologic Control	Wetland's hydrologic control is impacted or degraded
Sensitivity to Impact	Wetland is potentially sensitive to future impacts

Function and Condition Assessment Answers

Enhancement Potential		Education		Recreation		Aesthetic Quality	
Q	**A**	**Q**	**A**	**Q**	**A**	**Q**	**A**
Q-1	**A**	Q-1	**B**	Q-1	**B**	Q-1	**B**
Q-2	**B**	Q-2	**A**	Q-2	**C**	Q-2	**A**
Q-3		Q-3	**B**	Q-3	**C**	Q-3	**A**
Q-4	**B**	Q-4	**A**	Q-4	**B**	Q-4	**A**
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 has potential for educational use
Recreation	Wetland has the potential to provide recreational activities
Aesthetic Quality	Wetland is considered to be pleasing

Oregon Freshwater Wetland Assessment Methodology
Functions and Conditions Summary Sheet

Project:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-OAK-W-20**
Location:	Benton County	**Approx. Area (acres):**	3.93
Date:	7/17/2002	**Wetland Types(s):**	PSS,PEM

Result:	**Wetland provides habitat for some wildlife species**	
Rationale:	More than one Cowardin class	No adjacent Water Quality limited streams
	Herbaceous vegetation, no ponding	Adjacent land is 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	Surface water connection to other wetlands
	Wetland floods/ponds in growing season	Adjacent land is primarily open space
	High wetland vegetation cover	No adjacent Water Quality Limited streams
Result:	**Wetland's hydrologic control is impacted or degraded**	
Rationale:	Wetland is not within 100 year floodplain	Herbaceous vegetation, no ponding
	Wetland floods/ponds in growing season	Open space downslope of development
	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 groundwater	Wetland buffer is greater than 40%
	Water flow is permanently restricted	Potentially sensitive to future impacts
Result:	**Wetland has potential for educational use**	
Rationale:	Wetland access by landowner permission	Unmaintained public access within 250 feet
	No visible hazards to public	Wetland is not limited mobility accessible
	Public access to other habitats exist	
Result:	**Wetland has the potential to provide recreational activities**	
Rationale:	Unmaintained public access within 250 feet	Wetland provides habitat for some wildlife
	No boat launching can be developed	No fishing is allowed
	No trails or viewing areas exist	No hunting is allowed
Result:	**Wetland is considered to be pleasing**	
Rationale:	Two Cowardin classes visible	Wetland surrounded by natural areas
	>50% of wetland can be seen	Natural odors present at wetland
	No visual detractors are present	Some traffic and natural noises are present

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-OAK-W-20**
Project Location:	Benton County	**Approx. Area (acres):**	3.93
Date:	7/17/2002	**Wetland Types(s):**	PSS,PEM

***Exclusions*: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

***Mandatory Locally Significant Wetland Criteria*: This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat*?		No
2 Is the wetland's *fish habitat function intact*?		No
3 Is the wetland's *water quality function intact*?		No
4 Is the wetland's *hydrologic control function intact*?		No
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list)and is the wetland's *water quality function intact, or impacted or degraded*?		No
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonidsand is the wetland's *fish habitat function intact, or impacted or degraded*?		No
Mandatory Locally Significant Wetland criteria satisfied ?		**No**

***Optional Locally Significant Wetland Criteria*: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant communityand provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function*.		No
2 Is the wetland publicly owned and used by a school or organizationand does the wetland provide *educational uses*?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Does not satisfy the criteria, Not a Locally Significant Wetland

Wetland Characterization Sheet

Project Name: Corvallis Natural Resource Inventory

		Wetland Code:	**WC-OAK-W-20**
Date(s) of field work:	**7/17/2002**	Size (acres):	**3.93**
Data Sheet Numbers:	**41, 43, 44, 46**	Cowardin Class(es):	**PSS,PEM**
Investigator(s):	**SE/ME**	HGM Class(es):	**S**

Location -- Legal:	**T. 11S, R. 5W, S. 28**
Other:	**East of Walnut Boulevard and west of Witham Drive**
Tax Lots:	**See accompanying table**
Hydrologic basin:	**OAK CREEK**
Soil -- Mapped series:	**Philomath silty clay, 3-12% slopes, Bashaw clay**
Hydrologic Source:	**Groundwater**

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
Salix hookeriana	**Hooker Willow**	*Phalaris arundinacea*	**Reed Canary Grass**
		Oenanthe sarmentosa	**Water-Parsley**
		Typha latifolia	**Common Cattail**
		Stachys cooleyae	**Cooley's Hedgenettle**
		Scirpus microcarpus	**Small-Fruit Bulrush**
		Equisetum arvense	**Field Horsetail**
		Juncus effusus	**Soft Rush**
		Holcus lanatus	**Common Velvet Grass**
		Lotus corniculatus	**Birds-Foot Trefoil**

Comments:

The wetland is located east of Walnut Boulevard and west of Witham Drive. The wetland is located on the slope of Witham Hill and has palustrine scrub-shrub (10%) and emergent (90%) communities.

Adjacent upland species: Rhus diversiloba, Crataegus monogyna, Cytisus scoparius, Rubus discolor, Vicia sativa, Centaurea pratensis, Agrostis tenuis, Cirsium arvense, Festuca arundinacea, Hypericum perforatum

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

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-OAK-W-21**
Project Location:	Benton County	**Wetland Type(s):**	PFO,PSS,PEM

Date(s) of field work:	7/19/2002	**Approx. Area (acres):**	1.22
Onsite Assessment?:	YES	**Investigator(s):**	ME/SE
Wetland Location:	West of Walnut Blvd., south of Walnut Park		

Function and Condition Assessment Answers

Wildlife Habitat		Fish Habitat		Water Quality		Hydrologic Control		Sensitivity to Impact	
Q	**A**	**Q**	**A**	**Q**	**A**	**Q**	**A**	**Q**	**A**
Q-1	**A**	Q-1		Q-1	**A**	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	**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	**C**	Q-6	**C**
Q-7	**A**					Q-7	**B**		
Q-8	**B**								
Q-9A									
Q-9B	**A**								

Results:

Wildlife Habitat	Wetland provides habitat for some wildlife species
Fish Habitat	Fish habitat was not assessed for this wetland
Water Quality	Wetland's water-quality function is 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	**A**
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	**B**	Q-4	**B**	Q-4	**A**
Q-5B	**A**	Q-5	**A**	Q-5	**B**	Q-5	**A**
Q-6	**B**	Q-6	**A**	Q-6	**B**	Q-6	**A**

Results:

Enhancement Potential	Wetland has high enhancement potential
Education	Wetland 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:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-OAK-W-21**
Location:	Benton County	**Approx. Area (acres):**	1.22
Date:	7/19/2002	**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 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 surface flow	Surface water connection to other wetlands
	Wetland floods/ponds in growing season	Adjacent land use is primarily agriculture
	High wetland vegetation cover	No adjacent Water Quality Limited streams
Result:	**Wetland's hydrologic control is impacted or degraded**	
Rationale:	Wetland is not within 100 year floodplain	Herbaceous vegetation, no ponding
	Wetland floods/ponds in growing season	Open space downslope of development
	Water has unrestricted flow out of wetland	Agriculture upslope of wetland
Result:	**Wetland is potentially sensitive to future impacts**	
Rationale:	Stream modified or isolated wetland	Adjacent land 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 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	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 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

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-OAK-W-21**
Project Location:	Benton County	**Approx. Area (acres):**	1.22
Date:	7/19/2002	**Wetland Types(s):**	PFO,PSS,PEM

***Exclusions*: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

***Mandatory Locally Significant Wetland Criteria*: This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat*?		No
2 Is the wetland's *fish habitat function intact*?		No
3 Is the wetland's *water quality function intact*?	Yes	
4 Is the wetland's *hydrologic control function intact*?		No
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list)and is the wetland's *water quality function intact, or impacted or degraded*?		No
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonidsand is the wetland's *fish habitat function intact, or impacted or degraded*?		No
Mandatory Locally Significant Wetland criteria satisfied ?	**Yes**	

***Optional Locally Significant Wetland Criteria*: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant communityand provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function*.		No
2 Is the wetland publicly owned and used by a school or organizationand does the wetland provide *educational uses*?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Locally Significant Wetland

Wetland Characterization Sheet

Project Name: Corvallis Natural Resource Inventory

		Wetland Code:	**WC-OAK-W-21**
Date(s) of field work:	**7/19/2002**	Size (acres):	**1.22**
Data Sheet Numbers:	**40, 42**	Cowardin Class(es):	**PFO,PSS,PEM**
Investigator(s):	**ME/SE**	HGM Class(es):	**S/F**

Location -- Legal:	**T. 11S, R. 5W, S.28**
Other:	**West of Walnut Blvd., south of Walnut Park**
Tax Lots:	**See accompanying table**
Hydrologic basin:	**Oak Creek**
Soil -- Mapped series:	**Dixonville silty clay loam, 3-12% slopes**
Hydrologic Source:	**groundwater, precipitation**

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
Fraxinus latifolia	**Oregon Ash**	***Juncus tenuis***	**Slender Rush**
		Juncus effusus	**Soft Rush**
		Polypogon monspeliensis	**Rabbit-Foot Polypogon**
		Holcus lanatus	**Common Velvet Grass**
		Alopecurus pratensis	**Meadow Foxtail**
		Agrostis tenuis	**Colonial Bentgrass**

Comments: **Locally Significant Wetland**

The wetland is located in a pasture and has palustrine forested (15%), scrub-shrub (15%), and emergent (70%) communities. Zoned Open Space - Agriculture and owned by OSU. The wetland is connected to Oak Creek. There is some disturbance from grazing and the adjacent land use is undeveloped open space.

Adjacent upland species: Quercus garryana, Rhus diversiloba, Rosa eglanteria, Crataegus monogyna, Dactylis glomerata, Festuca arundinacea, Poa sp., Fragaria sp., grazed grasses

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

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-OAK-W-22**
Project Location:	Benton County	**Wetland Type(s):**	PEM

Date(s) of field work:	7/3/2002	**Approx. Area (acres):**	0.72
Onsite Assessment?:	YES	**Investigator(s):**	ME/FS
Wetland Location:	Walnut Park, northwest of Walnut 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	**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	**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	**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	**C**	Q-6	**C**	Q-6	**C**
Q-7	**A**					Q-7	**A**		
Q-8	**A**								
Q-9A									
Q-9B	**A**								

Results:

Wildlife Habitat	Wetland provides habitat for some wildlife species
Fish Habitat	Fish habitat was not assessed for this wetland
Water Quality	Wetland's water-quality function is intact
Hydrologic Control	Wetland's hydrologic control is impacted or degraded
Sensitivity to Impact	Wetland is potentially sensitive to future impacts

Function and Condition Assessment Answers

Enhancement Potential		Education		Recreation		Aesthetic Quality	
Q	**A**	**Q**	**A**	**Q**	**A**	**Q**	**A**
Q-1	**B**	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	**B**	Q-4	**A**	Q-4	**B**	Q-4	**A**
Q-5B	**A**	Q-5	**A**	Q-5	**B**	Q-5	**A**
Q-6	**B**	Q-6	**A**	Q-6	**B**	Q-6	**A**

Results:

Enhancement Potential	Wetland has 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:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-OAK-W-22**
Location:	Benton County	**Approx. Area (acres):**	0.72
Date:	7/3/2002	**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 primarily open space
	Between 0.5 - 1 acre of open water	Wetland buffer is greater than 40%
Result:	**Fish habitat was not assessed for this wetland**	
Rationale:		
Result:	**Wetland's water-quality function is intact**	
Rationale:	Primary water source is precipitation	Surface water connection to other wetlands
	Wetland floods/ponds in growing season	Adjacent land is primarily open space
	High wetland vegetation cover	No adjacent Water Quality Limited streams
Result:	**Wetland's hydrologic control is impacted or degraded**	
Rationale:	Wetland is not within 100 year floodplain	Herbaceous vegetation, no ponding
	Wetland floods/ponds in growing season	Open space downslope of development
	Water has unrestricted flow out of wetland	Development upslope of wetland
Result:	**Wetland is potentially sensitive to future impacts**	
Rationale:	Stream modified or isolated wetland	Adjacent land is primarily open space
	Water not taken out	Adjacent zoning is mostly open space
	No adjacent Water Quality Limited streams	Herbaceous vegetation, no ponding
Result:	**Wetland has moderate potential for enhancement**	
Rationale:	One or more functions lost/not present	Wetland is between 0.5 and 5 acres
	Primary water source is precipitation	Wetland buffer is greater than 40%
	Water flow is permanently restricted	Potentially sensitive to future impacts
Result:	**Wetland has educational uses**	
Rationale:	Wetland is open to the public	Maintained public access within 250 feet
	No visible hazards to public	Wetland is limited mobility accessible
	Public access to other habitats exist	
Result:	**Wetland provides recreational opportunities**	
Rationale:	Maintained public access within 250 feet	Wetland provides habitat for some wildlife
	No boat launching can be developed	No fishing is allowed
	Maintained trails, viewing areas exist	No hunting is allowed
Result:	**Wetland is considered to be pleasing**	
Rationale:	One Cowardin class is visible	Wetland surrounded by natural areas
	>50% of wetland can be seen	Natural odors present at wetland
	No visual detractors are present	Some traffic and natural noises are present

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-OAK-W-22**
Project Location:	Benton County	**Approx. Area (acres):**	0.72
Date:	7/3/2002	**Wetland Types(s):**	PEM

***Exclusions*: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

***Mandatory Locally Significant Wetland Criteria*: This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat*?		No
2 Is the wetland's *fish habitat function intact*?		No
3 Is the wetland's *water quality function intact*?	Yes	
4 Is the wetland's *hydrologic control function intact*?		No
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list)and is the wetland's *water quality function intact, or impacted or degraded*?		No
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonidsand is the wetland's *fish habitat function intact, or impacted or degraded*?		No
Mandatory Locally Significant Wetland criteria satisfied ?	**Yes**	

***Optional Locally Significant Wetland Criteria*: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant communityand provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function*.		No
2 Is the wetland publicly owned and used by a school or organizationand does the wetland provide *educational uses*?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Locally Significant Wetland

Wetland Characterization Sheet

Project Name: Corvallis Natural Resource Inventory

		Wetland Code:	**WC-OAK-W-22**
Date(s) of field work:	**7/3/2002**	Size (acres):	**0.72**
Data Sheet Numbers:	**32, 35**	Cowardin Class(es):	**PEM**
Investigator(s):	**ME/FS**	HGM Class(es):	**DCNP**

Location -- Legal:	**T. 11S, R. 5W, S. 28**
Other:	**Walnut Park, northwest of Walnut Blvd.**
Tax Lots:	**See accompanying table**
Hydrologic basin:	**OAK CREEK**
Soil -- Mapped series:	**Bashaw clay**
Hydrologic Source:	**Precipitation**

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
		Juncus effusus	**Soft Rush**
		Festuca arundinacea	**Tall Fescue**
		Holcus lanatus	**Common Velvet Grass**
		Agrostis tenuis	**Colonial Bentgrass**
		Lotus corniculatus	**Birds-Foot Trefoil**
		Typha latifolia	**Common Cattail**

Comments: **Locally Significant Wetland**

Wetland is a palustrine emergent (100%) system located in Walnut Park, north of Oak Creek. The wetland is a depressional area that collects drainage from the adjacent uplands.

Adjacent upland species: Festuca arundinacea

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

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-OAK-W-23**
Project Location:	Benton County	**Wetland Type(s):**	PFO,PSS,PEM

Date(s) of field work:	7/25/2002	**Approx. Area (acres):**	1.67
Onsite Assessment?:	NO	**Investigator(s):**	SE/FS
Wetland Location:	E. OF DEER RUN		

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	**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	**B**	Q-4	**B**	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	**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	**A**
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	**B**	Q-4	**B**	Q-4	**A**
Q-5B	**B**	Q-5	**C**	Q-5	**B**	Q-5	**A**
Q-6	**B**	Q-6	**B**	Q-6	**B**	Q-6	**A**

Results:

Enhancement Potential	Wetland has high enhancement potential
Education	Wetland 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:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-OAK-W-23**
Location:	Benton County	**Approx. Area (acres):**	1.67
Date:	7/25/2002	**Wetland Types(s):**	PFO,PSS,PEM

Result:	**Wetland provides habitat for some wildlife species**	
Rationale:	More than one Cowardin class	No adjacent Water Quality limited streams
	Dominated by woody vegetation	Adjacent land is mostly developed
	Less than 0.5 acres of open water	Wetland buffer is between 10% and 40%
Result:	**Fish habitat was not assessed for this wetland**	
Rationale:		
Result:	**Wetland's water-quality function is impacted or degraded**	
Rationale:	Primary water source is surface flow	Surface water connection to other wetlands
	Can't determine if wetland floods or ponds	Adjacent land is mostly developed
	High wetland vegetation cover	No adjacent Water Quality Limited streams
Result:	**Wetland's hydrologic control is impacted or degraded**	
Rationale:	Wetland is not within 100 year floodplain	Dominated by woody vegetation
	Can't determine if wetland floods or ponds	Development downslope of wetland
	Minor restrictions slow down the water	Open space upslope of wetland
Result:	**Wetland is potentially sensitive to future impacts**	
Rationale:	Stream modified or isolated wetland	Adjacent land is mostly developed
	Water not taken out	Adjacent zoning is primarily development
	No adjacent Water Quality Limited streams	Dominated by woody vegetation
Result:	**Wetland has high enhancement potential**	
Rationale:	Wetland functions are impacted or degraded	Wetland is between 0.5 and 5 acres
	Primary water source is surface flow	Wetland buffer is between 10% and 40%
	Flow into wetland is not restricted	Potentially sensitive to future impacts
Result:	**Wetland site is not appropriate for educational use**	
Rationale:	No access allowed to wetland	No access point to wetland exists
	No visible hazards to public	Wetland is not limited mobility accessible
	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:	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
	Visual detractors present, can't be removed	Some traffic and natural noises are present

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-OAK-W-23**
Project Location:	Benton County	**Approx. Area (acres):**	1.67
Date:	7/25/2002	**Wetland Types(s):**	PFO,PSS,PEM

***Exclusions*: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

***Mandatory Locally Significant Wetland Criteria*: This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat*?		No
2 Is the wetland's *fish habitat function intact*?		No
3 Is the wetland's *water quality function intact*?		No
4 Is the wetland's *hydrologic control function intact*?		No
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list)and is the wetland's *water quality function intact, or impacted or degraded*?		No
6 Does the wetland contain a rare plant community?	No	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 salmonidsand is the wetland's *fish habitat function intact, or impacted or degraded*?		No
Mandatory Locally Significant Wetland criteria satisfied ?		**No**

***Optional Locally Significant Wetland Criteria*: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant communityand provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function*.		No
2 Is the wetland publicly owned and used by a school or organizationand does the wetland provide *educational uses*?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Does not satisfy the criteria, Not a Locally Significant Wetland

Wetland Characterization Sheet

Project Name: Corvallis Natural Resource Inventory

		Wetland Code:	WC-OAK-W-23
Date(s) of field work:	7/25/2002	Size (acres):	1.67
Data Sheet Numbers:	OFF-SITE	Cowardin Class(es):	PFO,PSS,PEM
Investigator(s):	SE/FS	HGM Class(es):	S

Location -- Legal:	T. 11S, R. 5W, S. 20
Other:	E. OF DEER RUN
Tax Lots:	See accompanying table
Hydrologic basin:	OAK CREEK
Soil -- Mapped series:	Philomath silty clay
Hydrologic Source:	Surface flow

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
Fraxinus latifolia	Oregon Ash	*Phalaris arundinacea*	Reed Canary Grass
Salix scouleriana	Scouler Willow		
Rosa eglanteria	Sweetbrier		
Populus trichocarpa	Black Cottonwood		

Comments:

OFF-SITE. Zoned low density residential. Primarily palustrine forested wetland (70%) along the bottom of drainage swale east of Deer Run Road. Even amounts of PEM and PSS wetland are located between the forested areas. Source of hydrology lies west of Deer Run, and to the north, outside of the UGB. Adjacent land owner mentioned substantial winter flooding in the swale.

Adjacent upland species: Quercus garryana, Crataegus monogyna, Rubus discolor, Rhus diversiloba

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

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-OAK-W-24**
Project Location:	Benton County	**Wetland Type(s):**	PFO,PSS,PEM

Date(s) of field work:	7/3/2002	**Approx. Area (acres):**	24.65
Onsite Assessment?:	PARTIAL	**Investigator(s):**	ME/SE
Wetland Location:	Walnut Park, northwest of Walnut 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	**A**	Q-1	**B**	Q-1	**C**	Q-1	**B**	Q-1	**A**
Q-2	**A**	Q-2	**C**	Q-2	**A**	Q-2	**A**	Q-2	**B**
Q-3	**B**	Q-3	**C**	Q-3	**A**	Q-3	**A**	Q-3	**C**
Q-4	**C**	Q-4	**A**	Q-4	**A**	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	**C**	Q-6	**C**	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	Wetland's fish habitat function is impacted or degraded
Water Quality	Wetland's water-quality function is impacted or degraded
Hydrologic Control	Wetland's hydrologic control is impacted or degraded
Sensitivity to Impact	Wetland is potentially sensitive to future impacts

Function and Condition Assessment Answers

Enhancement Potential		Education		Recreation		Aesthetic Quality	
Q	**A**	**Q**	**A**	**Q**	**A**	**Q**	**A**
Q-1		Q-1	**A**	Q-1	**A**	Q-1	**A**
Q-2		Q-2	**A**	Q-2	**C**	Q-2	**C**
Q-3		Q-3	**A**	Q-3	**A**	Q-3	**A**
Q-4		Q-4	**A**	Q-4	**A**	Q-4	**A**
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 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:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-OAK-W-24**
Location:	Benton County	**Approx. Area (acres):**	24.65
Date:	7/3/2002	**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:	**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 primarily open space
	<10% of stream has instream structures	Salmon and/or trout present in stream
Result:	**Wetland's water-quality function is impacted or degraded**	
Rationale:	Primary water source is groundwater	Wetland is more than 5 acres in size
	Wetland floods/ponds in growing season	Adjacent land is primarily open space
	High wetland vegetation cover	No adjacent Water Quality Limited streams
Result:	**Wetland's hydrologic control is impacted or degraded**	
Rationale:	Wetland is not within 100 year floodplain	Dominated by woody vegetation
	Wetland floods/ponds in growing season	Open space downslope of development
	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
	No adjacent Water Quality Limited streams	Dominated by woody vegetation
Result:	**Due to diverse wildlife habitat, this wetland cannot be enhanced**	
Rationale:		
Result:	**Wetland has 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 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

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-OAK-W-24**
Project Location:	Benton County	**Approx. Area (acres):**	24.65
Date:	7/3/2002	**Wetland Types(s):**	PFO,PSS,PEM

***Exclusions*: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

***Mandatory Locally Significant Wetland Criteria*: This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat*?	Yes	
2 Is the wetland's *fish habitat function intact*?		No
3 Is the wetland's *water quality function intact*?		No
4 Is the wetland's *hydrologic control function intact*?		No
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list) and is the wetland's *water quality function intact, or impacted or degraded*?		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?	Yes	
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids and is the wetland's *fish habitat function intact, or impacted or degraded*?	Yes	
Mandatory Locally Significant Wetland criteria satisfied ?	**Yes**	

***Optional Locally Significant Wetland Criteria*: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function*.		No
2 Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses*?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Locally Significant Wetland

Wetland Characterization Sheet

Project Name: Corvallis Natural Resource Inventory

		Wetland Code:	**WC-OAK-W-24**
Date(s) of field work:	**7/3/2002**	Size (acres):	**24.65**
Data Sheet Numbers:	**34, 36, 37, 38, 39**	Cowardin Class(es):	**PFO,PSS,PEM**
Investigator(s):	**ME/SE**	HGM Class(es):	**RFT,S/F**

Location -- Legal:	**T. 11S, R. 5W, S. 28**
Other:	**Walnut Park, northwest of Walnut Blvd.**
Tax Lots:	**See accompanying table**
Hydrologic basin:	**OAK CREEK**
Soil -- Mapped series:	**Bashaw clay, Philomath silty clay 12-45% slopes**
Hydrologic Source:	**Precipitation, groundwater**

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
Fraxinus latifolia	Oregon Ash	*Oenanthe sarmentosa*	Water-Parsley
Crataegus douglasii	Douglas' Hawthorn	*Solanum dulcamara*	Bittersweet Nightshade
Salix sp.	willow	*Poa trivialis*	Rough Bluegrass
Rosa nutkana	Nootka Rose	*Equisetum hyemale*	Rough Horsetail
Salix scouleriana	Scouler Willow	*Juncus effusus*	Soft Rush
Rosa sp.	Rose	*Juncus acuminatus*	Taper-Tip Rush
		Holcus lanatus	Common Velvet Grass
		Lotus corniculatus	Birds-Foot Trefoil

Comments: **Locally Significant Wetland**

The wetland is within Walnut Park and includes a portion of the Oak Creek system located south and downslope of Ponderosa Avenue. This system includes palustrine forested (45%), scrub-shrub (15%), emergent (40%) communities. DSL WD #'s 91-0095, 95-060, 95-101. Nelsons checkermallow may be in area - a threatened species. WETLAND OF SPECIAL INTEREST FOR PROTECTION..

Adjacent upland species: Chrysanthemum leucanthemum, Festuca arundinacea, Trifolium repens, Prunella vulgaris, Hypochaeris radicata, Holcus lanatus, Prunella vulgaris, Crataegus monogyna, Rubus discolor

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

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-OAK-W-25**
Project Location:	Benton County	**Wetland Type(s):**	PFO,PSS,PEM

Date(s) of field work:	6/6/2002	**Approx. Area (acres):**	4.88
Onsite Assessment?:	Yes	**Investigator(s):**	SE/LW
Wetland Location:	North of Ponderosa 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	**C**	Q-1	**B**	Q-1	**B**
Q-2	**A**	Q-2		Q-2	**A**	Q-2	**A**	Q-2	**B**
Q-3	**A**	Q-3		Q-3	**A**	Q-3	**B**	Q-3	**C**
Q-4	**C**	Q-4		Q-4	**B**	Q-4	**C**	Q-4	**B**
Q-5	**A**	Q-5		Q-5	**B**	Q-5	**A**	Q-5	**A**
Q-6	**A**	Q-6		Q-6	**C**	Q-6	**A**	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	**A**	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	**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 pleasing

Oregon Freshwater Wetland Assessment Methodology
Functions and Conditions Summary Sheet

Project:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-OAK-W-25**
Location:	Benton County	**Approx. Area (acres):**	4.88
Date:	6/6/2002	**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
	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	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 use is primarily agriculture
	Water not taken out	Adjacent zoning is primarily development
	No adjacent Water Quality Limited streams	Dominated by woody vegetation
Result:	**Due to diverse wildlife habitat, this wetland cannot be enhanced**	
Rationale:		
Result:	**Wetland site is not appropriate for educational use**	
Rationale:	No access allowed to wetland	No access point to wetland exists
	No visible hazards to public	Wetland is not limited mobility accessible
	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 pleasing**	
Rationale:	More than two Cowardin classes are visible	Wetland surrounded by natural areas
	25 - 50% of wetland can be seen	Natural odors present at wetland
	No visual detractors are present	Some traffic and natural noises are present

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-OAK-W-25**
Project Location:	Benton County	**Approx. Area (acres):**	4.88
Date:	6/6/2002	**Wetland Types(s):**	PFO,PSS,PEM

***Exclusions*: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

***Mandatory Locally Significant Wetland Criteria*: This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat*?	Yes	
2 Is the wetland's *fish habitat function intact*?		No
3 Is the wetland's *water quality function intact*?		No
4 Is the wetland's *hydrologic control function intact*?		No
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list) and is the wetland's *water quality function intact, or impacted or degraded*?		No
6 Does the wetland contain a rare plant community?	Yes	
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids and is the wetland's *fish habitat function intact, or impacted or degraded*?		No
Mandatory Locally Significant Wetland criteria satisfied ?	**Yes**	

***Optional Locally Significant Wetland Criteria*: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function*.	Yes	
2 Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses*?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Locally Significant Wetland

Wetland Characterization Sheet

Project Name: Corvallis Natural Resource Inventory

		Wetland Code:	**WC-OAK-W-25**
Date(s) of field work:	**6/6/2002**	Size (acres):	**4.88**
Data Sheet Numbers:	**21, 25,26,27,28**	Cowardin Class(es):	**PFO,PSS,PEM**
Investigator(s):	**SE/LW**	HGM Class(es):	**S**

Location -- Legal:	**T. 11S, R. 5W, S. 20**
Other:	**North of Ponderosa Avenue**
Tax Lots:	**See accompanying table**
Hydrologic basin:	**Oak Creek**
Soil -- Mapped series:	**Bashaw clay**
Hydrologic Source:	**Precipitation, groundwater**

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
Crataegus douglasii	Douglas' Hawthorn	*Poa trivialis*	Rough Bluegrass
Rosa eglanteria	Sweetbrier	*Carex lanuginosa*	Wooly Sedge
Salix sitchensis	Sitka Willow	*Carex densa*	Dense Sedge
Fraxinus latifolia	Oregon Ash	*Boisduvalia sp.*	Spike primrose
VINES / HERBS		*Elymus glaucus*	Blue Wild-Rye
Juncus balticus	Baltic Rush	*Carex unilateralis*	One-Side Sedge
Phalaris arundinacea	Reed Canary Grass	*Eleocharis palustris*	Common Spikerush
Carex pachystachya	Thick-Head Sedge	*Poa palustris*	Fowl Bluegrass
Camassia quamash	Common Camas	*Dipsacus sylvestris*	Teasel
Typha latifolia	Common Cattail	*Holcus lanatus*	Common Velvet Grass

Comments: **Locally Significant Wetland**

Located east of 60th Drive and adjacent to Ponderosa Avenue in low density residential area. Slope wetland with seeps and springs feeding the seasonal drainges that flow along the west and eastern edges of the wetland. This wetland is hydrologically connected to other wetlands upslope. The adjacent upland areas are occasionally mowed to control Himalayan blackberry and poison oak. Unique wet prairie plant association.

Adjacent upland species:Crataegus monogyna, Rubus discolor, Rosa eglanteria, Rhus diversiloba, Festuca arundinacea, Chrysanthemum leucanthemum, Brachypodium sylvaticum, Holcus lanatus, Boisduvalia sp., Daucus carota, Aira caryophylla, Elymus glaucus, Hordeum

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

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-OAK-W-27**
Project Location:	Benton County	**Wetland Type(s):**	PSS,PEM

Date(s) of field work:	6/6/2002	**Approx. Area (acres):**	0.99
Onsite Assessment?:	YES	**Investigator(s):**	SE/LW
Wetland Location:	North of Ponderosa Avenue, west of 60th Street.		

Function and Condition Assessment Answers

Wildlife Habitat		Fish Habitat		Water Quality		Hydrologic Control		Sensitivity to Impact	
Q	**A**	**Q**	**A**	**Q**	**A**	**Q**	**A**	**Q**	**A**
Q-1	**A**	Q-1		Q-1	**B**	Q-1	**B**	Q-1	**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	**A**	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	**C**		
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 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	**B**	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	**B**	Q-4	**B**	Q-4	**A**
Q-5B	**A**	Q-5	**C**	Q-5	**B**	Q-5	**A**
Q-6	**B**	Q-6	**B**	Q-6	**B**	Q-6	**A**

Results:

Enhancement Potential	Wetland has moderate potential for enhancement
Education	Wetland site is not appropriate for educational use
Recreation	Wetland is not appropriate or does not provide rec. opportunities
Aesthetic Quality	Wetland is considered to be pleasing

Oregon Freshwater Wetland Assessment Methodology
Functions and Conditions Summary Sheet

Project:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-OAK-W-27**
Location:	Benton County	**Approx. Area (acres):**	0.99
Date:	6/6/2002	**Wetland Types(s):**	PSS,PEM

Result:	**Wetland provides habitat for some wildlife species**	
Rationale:	More than one Cowardin class	No adjacent Water Quality limited streams
	Herbaceous vegetation, no ponding	Adjacent land use is primarily agriculture
	Greater than 1 acre of open water	Wetland buffer is greater than 40%
Result:	**Fish habitat was not assessed for this wetland**	
Rationale:		
Result:	**Wetland's water-quality function is intact**	
Rationale:	Primary water source is precipitation	Surface water connection to other wetlands
	Wetland floods/ponds in growing season	Adjacent land use is primarily agriculture
	High wetland vegetation cover	No adjacent Water Quality Limited streams
Result:	**Wetland's hydrologic control is impacted or degraded**	
Rationale:	Wetland is not within 100 year floodplain	Herbaceous vegetation, no ponding
	Wetland floods/ponds in growing season	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 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:	One or more functions lost/not present	Wetland is between 0.5 and 5 acres
	Primary water source is precipitation	Wetland buffer is greater than 40%
	Water flow is permanently restricted	Potentially sensitive to future impacts
Result:	**Wetland site is not appropriate for educational use**	
Rationale:	No access allowed to wetland	No access point to wetland exists
	No visible hazards to public	Wetland is not limited mobility accessible
	Other habitats can be observed not accessed	
Result:	**Wetland is not appropriate or does not provide rec. opportunities**	
Rationale:	No access point to wetland exists	Wetland provides habitat for some wildlife
	No boat launching can be developed	No fishing is allowed
	No trails or viewing areas exist	No hunting is allowed
Result:	**Wetland is considered to be 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

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-OAK-W-27**
Project Location:	Benton County	**Approx. Area (acres):**	0.99
Date:	6/6/2002	**Wetland Types(s):**	PSS,PEM

***Exclusions*: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

***Mandatory Locally Significant Wetland Criteria*: This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat*?		No
2 Is the wetland's *fish habitat function intact*?		No
3 Is the wetland's *water quality function intact*?	Yes	
4 Is the wetland's *hydrologic control function intact*?		No
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list) and is the wetland's *water quality function intact, or impacted or degraded*?		No
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids and is the wetland's *fish habitat function intact, or impacted or degraded*?		No
Mandatory Locally Significant Wetland criteria satisfied ?	**Yes**	

***Optional Locally Significant Wetland Criteria*: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function*.		No
2 Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses*?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Locally Significant Wetland

Wetland Characterization Sheet

Project Name: Corvallis Natural Resource Inventory

		Wetland Code:	**WC-OAK-W-27**
Date(s) of field work:	**6/6/2002**	Size (acres):	**0.99**
Data Sheet Numbers:	**247, 25**	Cowardin Class(es):	**PSS,PEM**
Investigator(s):	**SE/LW**	HGM Class(es):	**S**

Location -- Legal:	**T. 11S, R. 5W, S. 20**
Other:	**North of Ponderosa Avenue, west of 60th Street.**
Tax Lots:	**See accompanying table**
Hydrologic basin:	**Oak Creek**
Soil -- Mapped series:	**Bashaw clay**
Hydrologic Source:	**Precipitation, groundwater**

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
		Juncus ensifolius	**Dagger-Leaf Rush**
		Juncus tenuis	**Slender Rush**
		Carex unilateralis	**One-Side Sedge**
		Carex densa	**Dense Sedge**
		Carex feta	**Green-Sheath Sedge**
		Eleocharis acicularis	**Needle Spikerush**
		Alopecurus pratensis	**Meadow Foxtail**
		Festuca arundinacea	**Tall Fescue**

Comments: **Locally Significant Wetland**

Zoned residential in largely undeveloped area north of Ponderosa Ave. west of 60th Street. This is a dominantly emergent wet meadow area. The wetland lies west and east of a shallow drainage feature at the bottom of a swale. At the south end of the wetland is a shallow channel that combines with a channel fed from WC-OAK-M75-26 before flowing under Ponderosa Blvd.

Adjacent upland species: Quercus garryana, Crataegus monogyna, Festuca arundinacea, Chrysanthemum leucanthemum, Bromis mollis, Danthonia californica, Prunella vulgaris, Aira sp., Brachypodium sylvaticum, Taneatherum caput-medusa, Carex tumulicola, Cynosurus echinatus, Vicia cracca, Brodia hyacinthinus

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

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-OAK-W-28**
Project Location:	Benton County	**Wetland Type(s):**	PEM, PEMf

Date(s) of field work:	N/A	**Approx. Area (acres):**	14.08
Onsite Assessment?:	Partial	**Investigator(s):**	PF/CR
Wetland Location:	South of Oak Creek Road, west of 53rd		

Function and Condition Assessment Answers

Wildlife Habitat		Fish Habitat		Water Quality		Hydrologic Control		Sensitivity to Impact	
Q	**A**	**Q**	**A**	**Q**	**A**	**Q**	**A**	**Q**	**A**
Q-1	**A**	Q-1	**C**	Q-1	**B**	Q-1	**B**	Q-1	**B**
Q-2	**C**	Q-2	**B**	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	**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	**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	**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:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-OAK-W-28**
Location:	Benton County	**Approx. Area (acres):**	14.08
Date:	N/A	**Wetland Types(s):**	PEM, PEMf

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
	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
	Only portions of stream are modified	Adjacent land use is primarily agriculture
	<10% of stream has instream structures	Warmwater fish present in stream
Result:	**Wetland's water-quality function is impacted or degraded**	
Rationale:	Primary water source is precipitation	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 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 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
	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

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-OAK-W-28**
Project Location:	Benton County	**Approx. Area (acres):**	14.08
Date:	N/A	**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 *diverse wildlife habitat*?		No
2 Is the wetland's *fish habitat function intact*?		No
3 Is the wetland's *water quality function intact*?		No
4 Is the wetland's *hydrologic control function intact*?		No
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list) and is the wetland's *water quality function intact, or impacted or degraded*?		No
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids and is the wetland's *fish habitat function intact, or impacted or degraded*?		No
Mandatory Locally Significant Wetland criteria satisfied ?		**No**

***Optional Locally Significant Wetland Criteria*: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function*.		No
2 Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses*?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Does not satisfy the criteria, Not a Locally Significant Wetland

Wetland Characterization Sheet

Project Name: Corvallis Natural Resource Inventory

		Wetland Code:	**WC-OAK-W-28**
Date(s) of field work:	**N/A**	Size (acres):	**14.08**
Data Sheet Numbers:	**131, 132**	Cowardin Class(es):	**PEM, PEMf**
Investigator(s):	**PF/CR**	HGM Class(es):	**S/F, RFT**

Location -- Legal:	**T. 11S, R. 5W, S. 32**
Other:	**South of Oak Creek Road, west of 53rd**
Tax Lots:	**See accompanying table**
Hydrologic basin:	**Oak Creek**
Soil -- Mapped series:	**Bashaw clay, Waldo silty clay loam**
Hydrologic Source:	**Precipitation**

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
		Agrostis tenuis	**Colonial Bentgrass**
		Phalaris arundinacea	**Reed Canary Grass**
		Alopecurus pratensis	**Meadow Foxtail**
		Holcus lanatus	**Common Velvet Grass**
		Juncus tenuis	
		Carex stipata	

Comments:

Partially farmed (65%), emergent (30%) and open water excavated pond (5%) wetland. Small drainage in wet field drains east and culverted under 53rd. Hydrologically connected to wetland to east and then Oak Creek. Existing land use is agricultural and undeveloped. Zoned residential (west of 53rd Street) and Open Space-Agriculture (east of 53rd Street).

Adjacent upland species: *Galium sp., Danthonia californica, Cirsium arvense, Festuca arundinacea, Rubus discolor, Lolium sp.*

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

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-OAK-W-29**
Project Location:	Benton County	**Wetland Type(s):**	PSS,PEM

Date(s) of field work:	9/16/2002	**Approx. Area (acres):**	7.55
Onsite Assessment?:	YES	**Investigator(s):**	CR/JVS
Wetland Location:	Bald Hill Park, South of Oak Creek Dr., West of 53rd 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	A	Q-1	A	Q-1	B	Q-1	A	Q-1	B
Q-2	C	Q-2	B	Q-2	A	Q-2	A	Q-2	B
Q-3	B	Q-3	B	Q-3	B	Q-3	A	Q-3	C
Q-4	C	Q-4	A	Q-4	A	Q-4	C	Q-4	B
Q-5	A	Q-5	B	Q-5	B	Q-5	C	Q-5	C
Q-6	A	Q-6	A	Q-6	C	Q-6	B	Q-6	C
Q-7	A					Q-7	B		
Q-8	B								
Q-9A									
Q-9B	A								

Results:

Wildlife Habitat	Wetland provides habitat for some wildlife species
Fish Habitat	Wetland's fish habitat function is intact
Water Quality	Wetland's water-quality function is impacted or degraded
Hydrologic Control	Wetland's hydrologic control is impacted or degraded
Sensitivity to Impact	Wetland is not sensitive to future impacts

Function and Condition Assessment Answers

Enhancement Potential		Education		Recreation		Aesthetic Quality	
Q	A	Q	A	Q	A	Q	A
Q-1	A	Q-1	B	Q-1	A	Q-1	A
Q-2	C	Q-2	A	Q-2	C	Q-2	B
Q-3		Q-3	A	Q-3	A	Q-3	A
Q-4	A	Q-4	A	Q-4	B	Q-4	A
Q-5B	A	Q-5	A	Q-5	B	Q-5	A
Q-6	A	Q-6	A	Q-6	B	Q-6	A

Results:

Enhancement Potential	Wetland has high enhancement potential
Education	Wetland has potential for educational use
Recreation	Wetland provides recreational opportunities
Aesthetic Quality	Wetland is considered to be pleasing

Oregon Freshwater Wetland Assessment Methodology
Functions and Conditions Summary Sheet

Project:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-OAK-W-29**
Location:	Benton County	**Approx. Area (acres):**	7.55
Date:	9/16/2002	**Wetland Types(s):**	PSS,PEM

Result:	**Wetland provides habitat for some wildlife species**	
Rationale:	More than one Cowardin class	No adjacent Water Quality limited streams
	Herbaceous vegetation, no ponding	Adjacent land 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
	Only portions of stream are modified	Adjacent land use is primarily agriculture
	10-25% of stream has instream structures	Salmon and/or trout present in stream
Result:	**Wetland's water-quality function is impacted or degraded**	
Rationale:	Primary water source is precipitation	Wetland is more than 5 acres in size
	Wetland floods/ponds in growing season	Adjacent land use is primarily agriculture
	Moderate vegetation cover	No adjacent Water Quality Limited streams
Result:	**Wetland's hydrologic control 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 not sensitive to future impacts**	
Rationale:	Stream not modified	Adjacent land use is primarily agriculture
	Water not taken out	Adjacent zoning is mostly open space
	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%
	Water flow is permanently restricted	Wetland is not 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 pleasing**	
Rationale:	More than two Cowardin classes are visible	Wetland surrounded by natural areas
	25 - 50% of wetland can be seen	Natural odors present at wetland
	No visual detractors are present	Some traffic and natural noises are present

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-OAK-W-29**
Project Location:	Benton County	**Approx. Area (acres):**	7.55
Date:	9/16/2002	**Wetland Types(s):**	PSS,PEM

***Exclusions*: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

***Mandatory Locally Significant Wetland Criteria*: This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat*?		No
2 Is the wetland's *fish habitat function intact*?	Yes	
3 Is the wetland's *water quality function intact*?		No
4 Is the wetland's *hydrologic control function intact*?		No
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list)and is the wetland's *water quality function intact, or impacted or degraded*?		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?	Yes	
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonidsand is the wetland's *fish habitat function intact, or impacted or degraded*?	Yes	
Mandatory Locally Significant Wetland criteria satisfied ?	**Yes**	

***Optional Locally Significant Wetland Criteria*: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant communityand provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function*.		No
2 Is the wetland publicly owned and used by a school or organizationand does the wetland provide *educational uses*?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Locally Significant Wetland

Wetland Characterization Sheet

Project Name: Corvallis Natural Resource Inventory

		Wetland Code:	**WC-OAK-W-29**
Date(s) of field work:	**9/16/2002**	Size (acres):	**7.55**
Data Sheet Numbers:	**109, 121,115,119**	Cowardin Class(es):	**PSS,PEM**
Investigator(s):	**CR/JVS**	HGM Class(es):	**F, RFT**

Location -- Legal:	**T11S, R5W, Sec. 32**
Other:	**Bald Hill Park, South of Oak Creek Dr., West of 53rd St.**
Tax Lots:	**See accompanying table**
Hydrologic basin:	**OAK CREEK**
Soil -- Mapped series:	**Bashaw clay**
Hydrologic Source:	**Precipitation**

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
Fraxinus latifolia	**Oregon Ash**	***Typha latifolia***	**Common Cattail**
Salix hookeriana	**Hooker Willow**	***Epilobium watsonii***	**Watson's Willow-Herb**
		Dipsacus sylvestris	**Teasel**
		Deschampsia cespitosa	**Tufted Hairgrass**

Comments: **Locally Significant Wetland**

Located in the northern portion of Bald Hill Park, along the east side of the paved trail. Mulkey Creek transects the southern half of the wetland from west to east. PSS/PEM wetland encompass the stream. Mosaic of approximately 70% upland and 30% wetland in the northern half of the site, and primarily wet meadow wetland in the southern half of the site. Primary source of hydrology appears to be precipitation. Zoned open space-conservation. Nelsons checkermallow may be in this area (state and federal listed threatened species). WETLAND OF SPECIAL INTEREST FOR PROTECTION.

Adjacent upland species: *Madia glomerata, Lolium perenne, Daucus carota, Festuca arundinacea.*

COWARDIN CODES:	E2FO = estuarine forested	E2SS = estuarine scrub shrub	E2EM = estuarine emergent
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	POW = palustrine open water
HGM CODES:	EFB = Estuarine Fringe Embayment	EFR = Estuarine Fringe Riverine	RFT = Riverine Flow Through
RI = River Impounding	LFH = Lacustrine Fringe Headwater	LFV = Lacustrine Fringe Valley	DB = Depressional Bog

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-OAK-W-30**
Project Location:	Benton County	**Wetland Type(s):**	PSS,PEM

Date(s) of field work:	6/13/2002	**Approx. Area (acres):**	4.81
Onsite Assessment?:	YES	**Investigator(s):**	PF/CR
Wetland Location:	North of Oak Creek Drive, west of Walnut		

Function and Condition Assessment Answers

Wildlife Habitat		Fish Habitat		Water Quality		Hydrologic Control		Sensitivity to Impact	
Q	**A**	**Q**	**A**	**Q**	**A**	**Q**	**A**	**Q**	**A**
Q-1	**A**	Q-1	**B**	Q-1	**B**	Q-1	**B**	Q-1	**A**
Q-2	**C**	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	**B**
Q-5	**A**	Q-5	**B**	Q-5	**B**	Q-5	**C**	Q-5	**B**
Q-6	**A**	Q-6	**C**	Q-6	**C**	Q-6	**B**	Q-6	**C**
Q-7	**A**					Q-7	**C**		
Q-8	**B**								
Q-9A									
Q-9B	**B**								

Results:

Wildlife Habitat	Wetland provides habitat for some wildlife species
Fish Habitat	Wetland's fish habitat function is impacted or degraded
Water Quality	Wetland's water-quality function is 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	**B**	Q-1	**C**	Q-1	**C**	Q-1	**A**
Q-2	**C**	Q-2	**A**	Q-2	**C**	Q-2	**A**
Q-3		Q-3	**B**	Q-3	**C**	Q-3	**A**
Q-4	**B**	Q-4	**A**	Q-4	**B**	Q-4	**A**
Q-5B	**B**	Q-5	**C**	Q-5	**B**	Q-5	**A**
Q-6	**B**	Q-6	**B**	Q-6	**B**	Q-6	**A**

Results:

Enhancement Potential	Wetland has moderate potential for enhancement
Education	Wetland site is not appropriate for educational use
Recreation	Wetland is not appropriate or does not provide rec. opportunities
Aesthetic Quality	Wetland is considered to be pleasing

Oregon Freshwater Wetland Assessment Methodology
Functions and Conditions Summary Sheet

Project:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-OAK-W-30**
Location:	Benton County	**Approx. Area (acres):**	4.81
Date:	6/13/2002	**Wetland Types(s):**	PSS,PEM

Result:	**Wetland provides habitat for some wildlife species**	
Rationale:	More than one Cowardin class	No adjacent Water Quality limited streams
	Herbaceous vegetation, no ponding	Adjacent land use is primarily agriculture
	Less than 0.5 acres of open water	Wetland buffer is between 10% and 40%
Result:	**Wetland's fish habitat function is impacted or degraded**	
Rationale:	25-50% of stream is shaded	No adjacent Water Quality Limited streams
	Only portions of stream are modified	Adjacent land use is primarily agriculture
	<10% of stream has instream structures	Stream does not contain fish
Result:	**Wetland's water-quality function is intact**	
Rationale:	Primary water source is precipitation	Surface water connection to other wetlands
	Wetland floods/ponds in growing season	Adjacent land 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	Open space upslope of wetland
Result:	**Wetland is potentially sensitive to future impacts**	
Rationale:	Stream modified or isolated wetland	Adjacent land use is primarily agriculture
	Water not taken out	Adjacent zoning is primarily agriculture
	No adjacent Water Quality Limited streams	Herbaceous vegetation, no ponding
Result:	**Wetland has moderate potential for enhancement**	
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 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
	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:	More than two Cowardin classes are visible	Wetland surrounded by natural areas
	>50% of wetland can be seen	Natural odors present at wetland
	No visual detractors are present	Some traffic and natural noises are present

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-OAK-W-30**
Project Location:	Benton County	**Approx. Area (acres):**	4.81
Date:	6/13/2002	**Wetland Types(s):**	PSS,PEM

***Exclusions*: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

***Mandatory Locally Significant Wetland Criteria* : This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat*?		No
2 Is the wetland's *fish habitat function intact* ?		No
3 Is the wetland's *water quality function intact*?	Yes	
4 Is the wetland's *hydrologic control function intact*?		No
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list)and is the wetland's *water quality function intact, or impacted or degraded*?		No
6 Does the wetland contain a rare plant community?	Yes	
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 salmonidsand is the wetland's *fish habitat function intact, or impacted or degraded* ?		No
Mandatory Locally Significant Wetland criteria satisfied ?	**Yes**	

***Optional Locally Significant Wetland Criteria* : local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant communityand provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function* .	Yes	
2 Is the wetland publicly owned and used by a school or organizationand does the wetland provide *educational uses* ?		No
Optional Locally Significant Wetland criteria satisfied ?	**Yes**	

Locally Significant Wetland

Wetland Characterization Sheet

Project Name: Corvallis Natural Resource Inventory

		Wetland Code:	**WC-OAK-W-30**
Date(s) of field work:	**6/13/2002**	Size (acres):	**4.81**
Data Sheet Numbers:	**232, 235**	Cowardin Class(es):	**PSS,PEM**
Investigator(s):	**PF/CR**	HGM Class(es):	**RFT,S**

Location -- Legal:	**T. 11S, R. 5W, S. 29**
Other:	**North of Oak Creek Drive, west of Walnut**
Tax Lots:	**See accompanying table**
Hydrologic basin:	**Oak Creek**
Soil -- Mapped series:	**Dixonville silty clay loam, 3-12% slopes**
Hydrologic Source:	**Precipitation**

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
Salix sitchensis	Sitka Willow	*Deschampsia cespitosa*	Tufted Hairgrass
Salix scouleriana	Scouler Willow	*Briza minor*	Little Quaking Grass
Rosa pisocarpa	Clustered Wild Rose	*Carex densa*	Dense Sedge
Alnus rubra	Red Alder	*Carex unilateralis*	One-Side Sedge
		Juncus acuminatus	Taper-Tip Rush
		Myosotis discolor	Yellow and Blue Forget-Me-N
VINES / HERBS		*Juncus tenuis*	Slender Rush
Epilobium watsonii	Watson's Willow-Herb	*Holcus lanatus*	Common Velvet Grass
Dipsacus sylvestris	Teasel	*Grindelia sp.*	Gumweed
Ranunculus acris	Tall Butter-Cup	*Mimulus guttatus*	Yellow Monkey-Flower

Comments: **Locally Significant Wetland**

Unique plant community in small corner of privately owned field. Channel from steep hillside to north drains along west edge of wetland and hydrologically connected to large farmed wetland to south. Site is zoned for development. Adjacent land use is farming and OSU Open space-Agriculture. Nelsons checkermallow may be in area - a threatened species. WETLAND OF SPECIAL INTEREST FOR PROTECTION.

Adjacent upland species: Crataegus mongyna, Rubus discolor, Rhus diversiloba, Prunella vulgaris, Daucus carota, Festuca arundinacea, Bromus sp., Achillea millefolium, Cirsium arvense

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

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-SQU-M60-2**
Project Location:	Benton County	**Wetland Type(s):**	PFO,PSS,PEM

Date(s) of field work:	8/13/2002	**Approx. Area (acres):**	22.94
Onsite Assessment?:	Partial	**Investigator(s):**	CF/PF
Wetland Location:	North of Country Club, south of Hwy. 34, east of Research 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	**A**	Q-1	**A**	Q-1	**C**	Q-1	**A**	Q-1	**B**
Q-2	**A**	Q-2	**A**	Q-2	**A**	Q-2	**A**	Q-2	**B**
Q-3	**A**	Q-3	**A**	Q-3	**A**	Q-3	**A**	Q-3	**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	**C**								

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	**A**	Q-1	**A**	Q-1	**A**
Q-2	**B**	Q-2	**A**	Q-2	**C**	Q-2	**B**
Q-3		Q-3	**A**	Q-3	**A**	Q-3	**A**
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	**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:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-SQU-M60-2**
Location:	Benton County	**Approx. Area (acres):**	22.94
Date:	8/13/2002	**Wetland Types(s):**	PFO,PSS,PEM

Result:	**Wetland provides habitat for some wildlife species**	
Rationale:	More than one Cowardin class	No adjacent Water Quality limited streams
	Dominated by woody vegetation	Adjacent land is mostly developed
	Less than 0.5 acres of open water	Wetland buffer is less than 10%
Result:	**Wetland's fish habitat function is intact**	
Rationale:	50% or more of stream is shaded	No adjacent Water Quality Limited streams
	Stream is in a natural channel	Adjacent land is 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
	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 groundwater	Wetland buffer is less than 10%
	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
	No visual detractors are present	Continuous traffic and natural noises occur

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-SQU-M60-2**
Project Location:	Benton County	**Approx. Area (acres):**	22.94
Date:	8/13/2002	**Wetland Types(s):**	PFO,PSS,PEM

***Exclusions*: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

***Mandatory Locally Significant Wetland Criteria*: This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat*?		No
2 Is the wetland's *fish habitat function intact*?	Yes	
3 Is the wetland's *water quality function intact*?		No
4 Is the wetland's *hydrologic control function intact*?	Yes	
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list)and is the wetland's *water quality function intact, or impacted or degraded*?		No
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonidsand is the wetland's *fish habitat function intact, or impacted or degraded*?		No
Mandatory Locally Significant Wetland criteria satisfied ?	**Yes**	

***Optional Locally Significant Wetland Criteria*: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant communityand provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function*.		No
2 Is the wetland publicly owned and used by a school or organizationand does the wetland provide *educational uses*?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Locally Significant Wetland

Wetland Characterization Sheet

Project Name: Corvallis Natural Resource Inventory

		Wetland Code:	WC-SQU-M60-2
Date(s) of field work:	8/13/2002	Size (acres):	22.94
Data Sheet Numbers:	181, 182	Cowardin Class(es):	PFO,PSS,PEM
Investigator(s):	CF/PF	HGM Class(es):	RI,S/F

Location -- Legal:	T. 12S, R. 5W, S. 3, 4
Other:	North of Country Club, south of Hwy. 34, east of Research Way
Tax Lots:	See accompanying table
Hydrologic basin:	SQUAW CREEK
Soil -- Mapped series:	Waldo silty clay loam
Hydrologic Source:	Precipitation, groundwater

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
Fraxinus latifolia	Oregon Ash	*Alopecurus pratensis*	Meadow Foxtail
		Agrostis tenuis	Colonial Bentgrass
		Holcus lanatus	Common Velvet Grass

Comments: **Locally Significant Wetland**

Squaw Creek wetland (60%)/upland (40%) mosaic. North branch of Squaw Creek connects to south branch of creek in this area. Wetland is combination of emergent (15%), scrub shrub (10%), and forested (75%). Zoned Open Space-Conservation, residential and industrial. DSL WD #'s 91-141, 94-111, 94-325, 95-105, 95-0346.

Adjacent upland species: Festuca arundinacea, Trifolium repens, Vicia tetrasperma, Rubus discolor

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

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-SQU-W-1**
Project Location:	Benton County	**Wetland Type(s):**	PEM

Date(s) of field work:	8/2/2002	**Approx. Area (acres):**	4.78
Onsite Assessment?:	YES	**Investigator(s):**	CR/PF/PA
Wetland Location:	South of Hwy. 34, east of Brooklane Drive, west of Marys 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	**B**	Q-1	**C**	Q-1	**B**	Q-1	**A**	Q-1	**B**
Q-2	**C**	Q-2	**C**	Q-2	**A**	Q-2	**A**	Q-2	**B**
Q-3	**C**	Q-3	**C**	Q-3	**A**	Q-3	**B**	Q-3	**A**
Q-4	**C**	Q-4	**C**	Q-4	**B**	Q-4	**C**	Q-4	**B**
Q-5	**A**	Q-5	**B**	Q-5	**B**	Q-5	**C**	Q-5	**B**
Q-6	**A**	Q-6	**C**	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	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	**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	**B**	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	**B**

Results:

Enhancement Potential	Wetland has moderate potential for enhancement
Education	Wetland has potential for educational use
Recreation	Wetland is not appropriate or does not provide rec. opportunities
Aesthetic Quality	Wetland is considered to be pleasing

Oregon Freshwater Wetland Assessment Methodology
Functions and Conditions Summary Sheet

Project:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-SQU-W-1**
Location:	Benton County	**Approx. Area (acres):**	4.78
Date:	8/2/2002	**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 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	Adjacent Water Quality Limited stream
	Stream banks are extensively modified	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 precipitation	Surface water connection to other wetlands
	Wetland floods/ponds in growing season	Adjacent land use is primarily agriculture
	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	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 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 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 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	Continuous traffic and natural noises occur

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-SQU-W-1**
Project Location:	Benton County	**Approx. Area (acres):**	4.78
Date:	8/2/2002	**Wetland Types(s):**	PEM

***Exclusions*: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

***Mandatory Locally Significant Wetland Criteria* : This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat* ?		No
2 Is the wetland's *fish habitat function intact* ?		No
3 Is the wetland's *water quality function intact* ?	Yes	
4 Is the wetland's *hydrologic control function intact* ?		No
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list) and is the wetland's *water quality function intact, or impacted or degraded* ?	Yes	
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids and is the wetland's *fish habitat function intact, or impacted or degraded* ?	Yes	
Mandatory Locally Significant Wetland criteria satisfied ?	**Yes**	

***Optional Locally Significant Wetland Criteria* : local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function* .		No
2 Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses* ?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Locally Significant Wetland

Wetland Characterization Sheet

Project Name: Corvallis Natural Resource Inventory

		Wetland Code:	WC-SQU-W-1
Date(s) of field work:	8/2/2002	Size (acres):	4.78
Data Sheet Numbers:	175, 177, 178	Cowardin Class(es):	PEM
Investigator(s):	CR/PF/PA	HGM Class(es):	S/F

Location -- Legal:	T. 12S, R. 5W, S. 3
Other:	South of Hwy. 34, east of Brooklane Drive, west of Marys River
Tax Lots:	See accompanying table
Hydrologic basin:	SQUAW CREEK
Soil -- Mapped series:	Willamette silt loam, 0-3% slopes
Hydrologic Source:	Precipitation

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
		Alopecurus pratensis	Meadow Foxtail
		Alopecurus geniculatus	Water Foxtail
		Holcus lanatus	Common Velvet Grass
		Juncus effusus	Soft Rush
		Gnaphalium palustre	Lowland Cudweed
		Mentha pulegium	Penny-Royal
		Phalaris arundinacea	Reed Canary Grass
		Rumex crispus	Curly Dock
		Rorippa curvisiliqua	Western Yellow-Cress

Comments: **Locally Significant Wetland**

Shallow drainage swale through grazed pasture on OSU land (old poultry barns). Swale has evidence of seasonal ponding and drains north to culvert under Brooklane Drive and then to Marys River. Smaller swale on east edge of field drains to Squaw Creek, near confluence with Marys River. Within floodplain, but no fish habitat as wetland is located on high terrace above river. Zoned Public Institutional. Current land use is agriculture.

Adjacent upland species: Daucus carota, Festuca arundinacea, Hypochaeris radicata, Trifolium pratense

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

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	Corvallis Natural Resource Inventory	Wetland:	WC-SQU-W-3
Project Location:	Benton County	Wetland Type(s):	PFO,PEM

Date(s) of field work:	8/13/2002	Approx. Area (acres):	8.95
Onsite Assessment?:	YES	Investigator(s):	PF/CR
Wetland Location:	East of Martin, west of Research Way, north of Country Club Dr.		

Function and Condition Assessment Answers

Wildlife Habitat		Fish Habitat		Water Quality		Hydrologic Control		Sensitivity to Impact	
Q	A	Q	A	Q	A	Q	A	Q	A
Q-1	A	Q-1	A	Q-1	C	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	A	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	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 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	A	Q-1	A	Q-1	B
Q-2	B	Q-2	A	Q-2	C	Q-2	C
Q-3		Q-3	A	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 moderately pleasing

Oregon Freshwater Wetland Assessment Methodology
Functions and Conditions Summary Sheet

Project:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-SQU-W-3**
Location:	Benton County	**Approx. Area (acres):**	8.95
Date:	8/13/2002	**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 intact**	
Rationale:	50% or more of stream is shaded	No adjacent Water Quality Limited streams
	Stream is in a natural channel	Adjacent land is mostly developed
	>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 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 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 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

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-SQU-W-3**
Project Location:	Benton County	**Approx. Area (acres):**	8.95
Date:	8/13/2002	**Wetland Types(s):**	PFO,PEM

***Exclusions*: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

***Mandatory Locally Significant Wetland Criteria*: This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat*?		No
2 Is the wetland's *fish habitat function intact*?	Yes	
3 Is the wetland's *water quality function intact*?		No
4 Is the wetland's *hydrologic control function intact*?	Yes	
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list) and is the wetland's *water quality function intact, or impacted or degraded*?		No
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?	Yes	
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids and is the wetland's *fish habitat function intact, or impacted or degraded*?		No
Mandatory Locally Significant Wetland criteria satisfied ?	**Yes**	

***Optional Locally Significant Wetland Criteria*: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function*.		No
2 Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses*?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Locally Significant Wetland

Wetland Characterization Sheet

Project Name: Corvallis Natural Resource Inventory

		Wetland Code:	WC-SQU-W-3
Date(s) of field work:	8/13/2002	Size (acres):	8.95
Data Sheet Numbers:	199, 201	Cowardin Class(es):	PFO,PEM
Investigator(s):	PF/CR	HGM Class(es):	F, RFT

Location -- Legal:	T. 12S, R. 5W, S. 4, 9
Other:	East of Martin, west of Research Way, north of Country Club Dr.
Tax Lots:	See accompanying table
Hydrologic basin:	SQUAW CREEK
Soil -- Mapped series:	Waldo silty clay loam
Hydrologic Source:	Groundwater, precipitation

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
Fraxinus latifolia	Oregon Ash	*Agrostis stolonifera*	Spreading Bentgrass
Rosa sp.	Rose sp.	*Agrostis alba*	Redtop
		Agrostis tenuis	Colonial Bentgrass
		Alopecurus pratensis	Meadow Foxtail
		Juncus effusus	Soft Rush
		Rumex crispus	Curly Dock
		Carex feta	Green-Sheath Sedge
VINES / HERBS		*Carex unilateralis*	One-Side Sedge
Holcus lanatus	Common Velvet Grass	*Carex densa*	Dense Sedge
Phalaris arundinacea	Reed Canary Grass	*Juncus patens*	Spreading Rush

Comments: **Locally Significant Wetland**

Squaw Creek wetland complex. 75% forested wetland and 25% emergent wetland. North side of wetland is within City Park, south side partially privately owned. Zoned Open Space-conservation and residential. Small drainage from hillside to south (golf course) connected under Country Club drive. Squaw Creek has culverts at both ends of this section. DSL WD #'s 94-325, 94-384. Nelsons checkermallow may be in area, a threatened species. WETLAND OF SPECIAL INTEREST FOR PROTECTION.

Adjacent upland species: Rhus diversiloba, Festuca arundinacea, Symphoricarpos albus, Rubus discolor, Dactylis glomerata, Crataegus monogyna

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

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-SQU-W-4**
Project Location:	Benton County	**Wetland Type(s):**	PFO,PSS,PEM

Date(s) of field work:	8/13/2002	**Approx. Area (acres):**	9.78
Onsite Assessment?:	Partial	**Investigator(s):**	CR/PF
Wetland Location:	North of Country Club Dr., between Research Way and Martin		

Function and Condition Assessment Answers

Wildlife Habitat		Fish Habitat		Water Quality		Hydrologic Control		Sensitivity to Impact	
Q	**A**	**Q**	**A**	**Q**	**A**	**Q**	**A**	**Q**	**A**
Q-1	**A**	Q-1	**A**	Q-1	**A**	Q-1	**A**	Q-1	**A**
Q-2	**A**	Q-2	**A**	Q-2	**A**	Q-2	**A**	Q-2	**B**
Q-3	**A**	Q-3	**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	**A**	Q-5	**A**
Q-6	**A**	Q-6	**A**	Q-6	**C**	Q-6	**A**	Q-6	**A**
Q-7	**A**					Q-7	**A**		
Q-8	**C**								
Q-9A									
Q-9B	**A**								

Results:

Wildlife Habitat	Wetland provides habitat for some wildlife species
Fish Habitat	Wetland's fish habitat function is 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	**A**	Q-1	**A**	Q-1	**A**
Q-2	**A**	Q-2	**A**	Q-2	**C**	Q-2	**C**
Q-3	**C**	Q-3	**A**	Q-3	**C**	Q-3	**A**
Q-4	**A**	Q-4	**A**	Q-4	**B**	Q-4	**C**
Q-5B	**A**	Q-5	**A**	Q-5	**B**	Q-5	**A**
Q-6	**B**	Q-6	**A**	Q-6	**B**	Q-6	**B**

Results:

Enhancement Potential	Wetland has 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:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-SQU-W-4**
Location:	Benton County	**Approx. Area (acres):**	9.78
Date:	8/13/2002	**Wetland Types(s):**	PFO,PSS,PEM

Result:	**Wetland provides habitat for some wildlife species**	
Rationale:	More than one Cowardin class	No adjacent Water Quality limited streams
	Dominated by woody vegetation	Adjacent land is mostly developed
	Less than 0.5 acres of open water	Wetland buffer is greater than 40%
Result:	**Wetland's fish habitat function is intact**	
Rationale:	50% or more of stream is shaded	No adjacent Water Quality Limited streams
	Stream is in a natural channel	Adjacent land is mostly developed
	10-25% 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	Dominated by woody vegetation
	Wetland floods/ponds in growing season	Development downslope of wetland
	Minor restrictions slow down the water	Development upslope of wetland
Result:	**Wetland is potentially sensitive to future impacts**	
Rationale:	Stream modified or isolated wetland	Adjacent land is mostly developed
	Water not taken out	Adjacent zoning is primarily development
	No adjacent Water Quality Limited streams	Dominated by woody vegetation
Result:	**Wetland has high enhancement potential**	
Rationale:	Wetland functions are impacted or degraded	Wetland is greater than 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 has the potential to provide recreational activities**	
Rationale:	Maintained public access within 250 feet	Wetland provides habitat for some wildlife
	No boat launching can be developed	No fishing is allowed
	No trails or viewing areas exist	No hunting is allowed
Result:	**Wetland is not aesthetically pleasing**	
Rationale:	More than two Cowardin classes are visible	Wetland surrounded by development
	Less than 25% of wetland can be seen	Natural odors present at wetland
	No visual detractors are present	Continuous traffic and natural noises occur

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-SQU-W-4**
Project Location:	Benton County	**Approx. Area (acres):**	9.78
Date:	8/13/2002	**Wetland Types(s):**	PFO,PSS,PEM

***Exclusions*: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

***Mandatory Locally Significant Wetland Criteria*: This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat*?		No
2 Is the wetland's *fish habitat function intact*?	Yes	
3 Is the wetland's *water quality function intact*?	Yes	
4 Is the wetland's *hydrologic control function intact*?	Yes	
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list) and is the wetland's *water quality function intact, or impacted or degraded*?		No
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids and is the wetland's *fish habitat function intact, or impacted or degraded*?		No
Mandatory Locally Significant Wetland criteria satisfied ?	**Yes**	

***Optional Locally Significant Wetland Criteria*: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function*.		No
2 Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses*?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Locally Significant Wetland

Wetland Characterization Sheet

Project Name: Corvallis Natural Resource Inventory

		Wetland Code:	WC-SQU-W-4
Date(s) of field work:	8/13/2002	Size (acres):	9.78
Data Sheet Numbers:	189, 196	Cowardin Class(es):	PFO,PSS,PEM
Investigator(s):	CR/PF	HGM Class(es):	RI,S/F, RFT

Location -- Legal:	T. 12S, R. 5W, S.4
Other:	North of Country Club Dr., between Research Way and Martin
Tax Lots:	See accompanying table
Hydrologic basin:	SQUAW CREEK
Soil -- Mapped series:	Waldo silty clay loam
Hydrologic Source:	Surface water, precipitation

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
Fraxinus latifolia	Oregon Ash	*Bidens sp.*	Beggars tick
Crataegus douglasii	Douglas' Hawthorn	*Holcus lanatus*	Common Velvet Grass
Salix spp.	Willow species	*Camassia quamash*	Common Camas
Rosa nutkana	Nootka Rose	*Rumex crispus*	Curly Dock
		Agrostis tenuis	Colonial Bentgrass
		Alopecurus pratensis	Meadow Foxtail
		Carex feta	Green-Sheath Sedge
VINES / HERBS		*Dipsacus sylvestris*	Teasel
Geum macrophyllum	Large-Leaf Avens	*Leersia oryzoides*	Rice Cutgrass
Phalaris arundinacea	Reed Canary Grass	*Agrostis stolonifera*	Spreading Bentgrass

Comments: **Locally Significant Wetland**

Large wetland complex composed of palustrine emergent (40%), palustrine forested (30%) and palustrine scrub shrub (30%). Some beaver dams and ponding. Squaw Creek flows through wetland and drains to the east. Culverts at both end of this section of the wetland. Part of wetland is privately owned and part is City park. Portion of the wetland is zoned Open Space-Conservation and part is zoned industrial. DSL WD # 95-0257. Nelsons checkermallow may be in area- a listed threatened species. WETLAND OF SPECIAL INTEREST FOR PROTECTION.

Adacent upland species: Festuca arundinacea, Hypochaeris radicata, Sonchus asper, Daucus carota, Cirsium arvense, Rubus discolor, Pinus ponderosa

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

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-SQU-W-5**
Project Location:	Benton County	**Wetland Type(s):**	PSS,PEM

Date(s) of field work:	8/2/2002	**Approx. Area (acres):**	8.98
Onsite Assessment?:	YES	**Investigator(s):**	PF/CR
Wetland Location:	North of Country Club Dr., east of 49th, south of Squaw 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	**A**	Q-1	**C**	Q-1	**A**	Q-1	**A**	Q-1	**A**
Q-2	**C**	Q-2	**C**	Q-2	**A**	Q-2	**A**	Q-2	**B**
Q-3	**B**	Q-3	**B**	Q-3	**A**	Q-3	**A**	Q-3	**C**
Q-4	**C**	Q-4	**A**	Q-4	**A**	Q-4	**C**	Q-4	**A**
Q-5	**A**	Q-5	**C**	Q-5	**A**	Q-5	**C**	Q-5	**A**
Q-6	**A**	Q-6	**B**	Q-6	**C**	Q-6	**C**	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	Wetland's fish habitat function is impacted or degraded
Water Quality	Wetland's water-quality function is intact
Hydrologic Control	Wetland's hydrologic control function is intact
Sensitivity to Impact	Wetland is potentially sensitive to future impacts

Function and Condition Assessment Answers

Enhancement Potential		Education		Recreation		Aesthetic Quality	
Q	**A**	**Q**	**A**	**Q**	**A**	**Q**	**A**
Q-1	**A**	Q-1	**B**	Q-1	**C**	Q-1	**B**
Q-2	**A**	Q-2	**A**	Q-2	**C**	Q-2	**A**
Q-3	**C**	Q-3	**B**	Q-3	**C**	Q-3	**C**
Q-4	**A**	Q-4	**B**	Q-4	**B**	Q-4	**C**
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 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:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-SQU-W-5**
Location:	Benton County	**Approx. Area (acres):**	8.98
Date:	8/2/2002	**Wetland Types(s):**	PSS,PEM

Result:	**Wetland provides habitat for some wildlife species**	
Rationale:	More than one Cowardin class	No adjacent Water Quality limited streams
	Herbaceous vegetation, no ponding	Adjacent land is mostly developed
	Less than 0.5 acres of open water	Wetland buffer is less than 10%
Result:	**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
	10-25% of stream has instream structures	Warmwater fish present in stream
Result:	**Wetland's water-quality function is intact**	
Rationale:	Primary water source is surface flow	Wetland is more than 5 acres in size
	Wetland floods/ponds in growing season	Adjacent land is mostly developed
	High wetland vegetation cover	No adjacent Water Quality Limited streams
Result:	**Wetland's hydrologic control function is intact**	
Rationale:	Wetland is within 100 year floodplain	Herbaceous vegetation, no ponding
	Wetland floods/ponds in growing season	Open space downslope of development
	Water has unrestricted flow out of wetland	Development upslope of wetland
Result:	**Wetland is potentially sensitive to future impacts**	
Rationale:	Stream modified or isolated wetland	Adjacent land is 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 greater than 5 acres
	Primary water source is surface flow	Wetland buffer is less than 10%
	Water flow is permanently restricted	Potentially sensitive to future impacts
Result:	**Wetland has potential for educational use**	
Rationale:	Wetland access by landowner permission	No access point to wetland exists
	No visible hazards to public	Wetland is limited mobility accessible
	Other habitats can be observed not accessed	
Result:	**Wetland is not appropriate or does not provide rec. opportunities**	
Rationale:	No access point to wetland exists	Wetland provides habitat for some wildlife
	No boat launching can be developed	No fishing is allowed
	No trails or viewing areas exist	No hunting is allowed
Result:	**Wetland is 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

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-SQU-W-5**
Project Location:	Benton County	**Approx. Area (acres):**	8.98
Date:	8/2/2002	**Wetland Types(s):**	PSS,PEM

***Exclusions*: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

***Mandatory Locally Significant Wetland Criteria*: This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat*?		No
2 Is the wetland's *fish habitat function intact*?		No
3 Is the wetland's *water quality function intact*?	Yes	
4 Is the wetland's *hydrologic control function intact*?	Yes	
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list) and is the wetland's *water quality function intact, or impacted or degraded*?		No
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids and is the wetland's *fish habitat function intact, or impacted or degraded*?		No
Mandatory Locally Significant Wetland criteria satisfied ?	**Yes**	

***Optional Locally Significant Wetland Criteria*: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function*.		No
2 Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses*?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Locally Significant Wetland

Wetland Characterization Sheet

Project Name: Corvallis Natural Resource Inventory

		Wetland Code:	**WC-SQU-W-5**
Date(s) of field work:	**8/2/2002**	Size (acres):	**8.98**
Data Sheet Numbers:	**191, 195, 197, 198, 200**	Cowardin Class(es):	**PSS,PEM**
Investigator(s):	**PF/CR**	HGM Class(es):	**RFT,F**

Location -- Legal:	**T. 12S, R. 5W, S. 4/9**
Other:	**North of Country Club Dr., east of 49th, south of Squaw Creek**
Tax Lots:	**See accompanying table**
Hydrologic basin:	**SQUAW CREEK**
Soil -- Mapped series:	**Dayton silt loam**
Hydrologic Source:	**Surface water, precipitation**

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
Fraxinus latifolia	Oregon Ash	*Carex feta*	Green-Sheath Sedge
Populus trichocarpa	Black Cottonwood	*Juncus effusus*	Soft Rush
Spiraea douglasii	Douglas' Spiraea	*Deschampsia cespitosa*	Tufted Hairgrass
VINES / HERBS		*Typha latifolia*	Common Cattail
Agrostis alba	Redtop	*Veronica americana*	American Speedwell
Alopecurus geniculatus	Water Foxtail	*Carex x stipata*	Stalk-Grain Sedge
Alopecurus pratensis	Meadow Foxtail	*Carex unilateralis*	One-Side Sedge
Agrostis tenuis	Colonial Bentgrass	*Downingia elegans*	Common Downingia
Veronica scutellata	Marsh Speedwell	*Bidens frondosa*	Devil's Beggar-Ticks
Epilobium watsonii	Watson's Willow-Herb	*Holcus lanatus*	Common Velvet Grass

Comments: **Locally Significant Wetland**

Wetland swale and drainage located partially within development and partially within Starker Arts park. Drainage from culvert connects to Squaw Creek to east. Drainage channel has been extensively modified and channelized. Part of wetland is protected as mitigation site and part is mowed within park. Zoned residential and Open Space-Conservation. Wetland is 80% emergent and 20% scrub shrub.

Adjacent upland species: Daucus carota, Festuca arundinacea, Hypochaeris radicata, Centaurium umbellatum, Rubus discolor

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

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-SQU-W-6**
Project Location:	Benton County	**Wetland Type(s):**	PFO,PSS,PEM

Date(s) of field work:	8/13/2002	**Approx. Area (acres):**	4.33
Onsite Assessment?:	YES	**Investigator(s):**	PF/CR
Wetland Location:	South of Hwy. 34, north of Technology 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	**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	**B**	Q-3	**B**	Q-3	**A**	Q-3	**B**	Q-3	**C**
Q-4	**C**	Q-4	**A**	Q-4	**B**	Q-4	**C**	Q-4	**A**
Q-5	**A**	Q-5	**C**	Q-5	**A**	Q-5	**A**	Q-5	**A**
Q-6	**A**	Q-6	**A**	Q-6	**C**	Q-6	**A**	Q-6	**A**
Q-7	**A**					Q-7	**B**		
Q-8	**C**								
Q-9A									
Q-9B	**C**								

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	**A**	Q-1	**A**	Q-1	**A**
Q-2	**A**	Q-2	**A**	Q-2	**C**	Q-2	**A**
Q-3	**A**	Q-3	**A**	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	**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 not aesthetically pleasing

Oregon Freshwater Wetland Assessment Methodology
Functions and Conditions Summary Sheet

Project:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-SQU-W-6**
Location:	Benton County	**Approx. Area (acres):**	4.33
Date:	8/13/2002	**Wetland Types(s):**	PFO,PSS,PEM

Result:	**Wetland provides habitat for some wildlife species**	
Rationale:	More than one Cowardin class	No adjacent Water Quality limited streams
	Dominated by woody vegetation	Adjacent land is mostly developed
	Less than 0.5 acres of open water	Wetland buffer is less than 10%
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
	10-25% of stream has instream structures	Salmon and/or trout present in stream
Result:	**Wetland's water-quality function is intact**	
Rationale:	Primary water source is surface flow	Surface water connection to other wetlands
	Wetland floods/ponds in growing season	Adjacent land is mostly developed
	High wetland vegetation cover	No adjacent Water Quality Limited streams
Result:	**Wetland's hydrologic control function is intact**	
Rationale:	Wetland is within 100 year floodplain	Dominated by woody vegetation
	Wetland floods/ponds in growing season	Development downslope of wetland
	Water has unrestricted flow out of wetland	Agriculture upslope of wetland
Result:	**Wetland is potentially sensitive to future impacts**	
Rationale:	Stream not modified	Adjacent land is mostly developed
	Water not taken out	Adjacent zoning is primarily development
	No adjacent Water Quality Limited streams	Dominated by woody vegetation
Result:	**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
	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:	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

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-SQU-W-6**
Project Location:	Benton County	**Approx. Area (acres):**	4.33
Date:	8/13/2002	**Wetland Types(s):**	PFO,PSS,PEM

***Exclusions*: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

***Mandatory Locally Significant Wetland Criteria*: This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat*?		No
2 Is the wetland's *fish habitat function intact*?	Yes	
3 Is the wetland's *water quality function intact*?	Yes	
4 Is the wetland's *hydrologic control function intact*?	Yes	
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list)and is the wetland's *water quality function intact, or impacted or degraded*?		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 salmonidsand is the wetland's *fish habitat function intact, or impacted or degraded*?		No
Mandatory Locally Significant Wetland criteria satisfied ?	**Yes**	

***Optional Locally Significant Wetland Criteria*: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant communityand provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function*.		No
2 Is the wetland publicly owned and used by a school or organizationand does the wetland provide *educational uses*?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Locally Significant Wetland

Wetland Characterization Sheet

Project Name: Corvallis Natural Resource Inventory

		Wetland Code:	**WC-SQU-W-6**
Date(s) of field work:	**8/13/2002**	Size (acres):	**4.33**
Data Sheet Numbers:	**183**	Cowardin Class(es):	**PFO,PSS,PEM**
Investigator(s):	**PF/CR**	HGM Class(es):	**RI,S/F, RFT**

Location -- Legal:	**T. 12S, R. 5W, S. 4**
Other:	**South of Hwy. 34, north of Technology Loop**
Tax Lots:	**See accompanying table**
Hydrologic basin:	**SQUAW CREEK**
Soil -- Mapped series:	**Waldo silty clay loam**
Hydrologic Source:	**Surface water, precipitation**

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
Fraxinus latifolia	Oregon Ash	*Alopecurus pratensis*	Meadow Foxtail
Salix scouleriana	Scouler Willow	*Holcus lanatus*	Common Velvet Grass
Crataegus douglasii	Douglas' Hawthorn	*Agrostis tenuis*	Colonial Bentgrass
Spiraea douglasii	Douglas' Spiraea	*Juncus effusus*	Soft Rush
		Typha latifolia	Common Cattail
		Lotus corniculatus	Birds-Foot Trefoil
VINES / HERBS		*Deschampsia cespitosa*	Tufted Hairgrass
Dipsacus sylvestris	Teasel	*Epilobium watsonii*	Watson's Willow-Herb
Geum macrophyllum	Large-Leaf Avens	*Veronica americana*	American Speedwell
Carex densa	Dense Sedge	*Camassia quamash*	Common Camas

Comments: **Locally Significant Wetland**

Section of Squaw Creek drainage between Safeway and BiMart commercial areas. Bridge crosses creek and riparian area confined by development. Wetland is a combination of forested (60%), scrub shrub (20%) and emergent (20%). Site is zoned for commercial and current land use is commercial. Stormwater outfalls to the creek from the shopping centers.

Adjacent upland species: ornamental species along edge of parking lots, Rubus discolor, Festuca arundinacea

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

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-SQU-W-7**
Project Location:	Benton County	**Wetland Type(s):**	PEM, PEMf

Date(s) of field work:	10/1/2002	**Approx. Area (acres):**	9.90
Onsite Assessment?:	NO	**Investigator(s):**	PF / CR
Wetland Location:	South of Country Club Drive, west of 53rd 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	**C**	Q-1		Q-1	**B**	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	**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	**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	**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	**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:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-SQU-W-7**
Location:	Benton County	**Approx. Area (acres):**	9.90
Date:	10/1/2002	**Wetland Types(s):**	PEM, 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	Surface water connection to other wetlands
	Can't determine if wetland floods or ponds	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
	Can't determine if wetland floods or ponds	Development downslope of wetland
	Water has unrestricted flow out of wetland	Agriculture upslope of wetland
Result:	**Wetland is potentially sensitive to future impacts**	
Rationale:	Stream modified or isolated wetland	Adjacent land use is primarily agriculture
	Water not taken out	Adjacent zoning is primarily development
	No adjacent Water Quality Limited streams	Herbaceous vegetation, no ponding
Result:	**Wetland has moderate potential for enhancement**	
Rationale:	Wetland functions are impacted or degraded	Wetland is between 0.5 and 5 acres
	Primary water source is precipitation	Wetland buffer is less than 10%
	Water flow is permanently restricted	Potentially sensitive to future impacts
Result:	**Wetland site is not appropriate for educational use**	
Rationale:	No access allowed to wetland	No access point to wetland exists
	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
	Visual detractors present, can be removed	Some traffic and natural noises are present

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-SQU-W-7**
Project Location:	Benton County	**Approx. Area (acres):**	9.90
Date:	10/1/2002	**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 *diverse wildlife habitat*?		No
2 Is the wetland's *fish habitat function intact*?		No
3 Is the wetland's *water quality function intact*?		No
4 Is the wetland's *hydrologic control function intact*?		No
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list) and is the wetland's *water quality function intact, or impacted or degraded*?		No
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids and is the wetland's *fish habitat function intact, or impacted or degraded*?		No
Mandatory Locally Significant Wetland criteria satisfied ?		**No**

***Optional Locally Significant Wetland Criteria*: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function*.		No
2 Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses*?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Does not satisfy the criteria, Not a Locally Significant Wetland

Wetland Characterization Sheet

Project Name: Corvallis Natural Resource Inventory

		Wetland Code:	WC-SQU-W-7
Date(s) of field work:	**10/1/2002**	Size (acres):	**9.90**
Data Sheet Numbers:	**OFF-SITE**	Cowardin Class(es):	**PEM, PEMf**
Investigator(s):	**PF / CR**	HGM Class(es):	**S/F**

Location -- Legal:	**T. 12S, R. 5W, S. 8**
Other:	**South of Country Club Drive, west of 53rd Ave.**
Tax Lots:	**See accompanying table**
Hydrologic basin:	**Squaw Creek**
Soil -- Mapped series:	**Dayton silt loam**
Hydrologic Source:	**Precipitation**

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
		Alopecurus pratensis	**Meadow Foxtail**
		Holcus lanatus	**Common Velvet Grass**
		Agrostis tenuis	**Colonial Bentgrass**

Comments:

OFF-SITE. Shallow swale in pasture drains to north. No apparent outlet or surface water connection to other wetlands. Isolated. Zoned residential.

Adjacent upland species: Festuca arundinacea, Cirsium arvense, Crepis setosa

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

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-SQU-W-8**
Project Location:	Benton County	**Wetland Type(s):**	PFO, PSS, PEM, PEMf

Date(s) of field work:	10/1/2002	**Approx. Area (acres):**	169.32
Onsite Assessment?:	NO	**Investigator(s):**	PF / CR
Wetland Location:	Extends from City reservoir lands (n.of Reservoir Rd.) to 53rd 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	**A**	Q-1	**B**	Q-1	**A**	Q-1	**B**
Q-2	**A**	Q-2	**A**	Q-2	**A**	Q-2	**A**	Q-2	**B**
Q-3	**A**	Q-3	**A**	Q-3	**A**	Q-3	**A**	Q-3	**C**
Q-4	**C**	Q-4	**A**	Q-4	**A**	Q-4	**C**	Q-4	**B**
Q-5	**A**	Q-5	**B**	Q-5	**B**	Q-5	**A**	Q-5	**A**
Q-6	**A**	Q-6	**A**	Q-6	**C**	Q-6	**A**	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	Wetland's fish habitat function is intact
Water Quality	Wetland's water-quality function is intact
Hydrologic Control	Wetland's hydrologic control function is intact
Sensitivity to Impact	Wetland is potentially sensitive to future impacts

Function and Condition Assessment Answers

Enhancement Potential		Education		Recreation		Aesthetic Quality	
Q	**A**	**Q**	**A**	**Q**	**A**	**Q**	**A**
Q-1		Q-1	**C**	Q-1	**A**	Q-1	**A**
Q-2		Q-2	**A**	Q-2	**C**	Q-2	**C**
Q-3		Q-3	**A**	Q-3	**C**	Q-3	**A**
Q-4		Q-4	**B**	Q-4	**A**	Q-4	**A**
Q-5B		Q-5	**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:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-SQU-W-8**
Location:	Benton County	**Approx. Area (acres):**	169.32
Date:	10/1/2002	**Wetland Types(s):**	PFO, PSS, PEM, PEM

Result:	**Wetland provides diverse wildlife habitat**	
Rationale:	More than one Cowardin class	No adjacent Water Quality limited streams
	Dominated by woody vegetation	Adjacent land use is primarily agriculture
	Less than 0.5 acres of open water	Wetland buffer is greater than 40%
Result:	**Wetland's fish habitat function is 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
	>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 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 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	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 development
	No adjacent Water Quality Limited streams	Dominated by woody vegetation
Result:	**Due to diverse wildlife habitat, this wetland cannot be enhanced**	
Rationale:	Though the wetland generally provides diverse habitat, portions of this large wetland unit may have enhancement potential.	
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 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:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-SQU-W-8**
Project Location:	Benton County	**Approx. Area (acres):**	169.32
Date:	10/1/2002	**Wetland Types(s):**	PFO, PSS, PEM, PEM

***Exclusions*: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

***Mandatory Locally Significant Wetland Criteria*: This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat*?	Yes	
2 Is the wetland's *fish habitat function intact*?	Yes	
3 Is the wetland's *water quality function intact*?	Yes	
4 Is the wetland's *hydrologic control function intact*?	Yes	
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list) and is the wetland's *water quality function intact, or impacted or degraded*?		No
6 Does the wetland contain a rare plant community?	Yes	
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids and is the wetland's *fish habitat function intact, or impacted or degraded*?		No
Mandatory Locally Significant Wetland criteria satisfied ?	**Yes**	

***Optional Locally Significant Wetland Criteria*: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function*.	Yes	
2 Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses*?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Locally Significant Wetland

Wetland Characterization Sheet

Project Name: Corvallis Natural Resource Inventory

		Wetland Code:	**WC-SQU-W-8**
Date(s) of field work:	**10/1/2002**	Size (acres):	**169.32**
Data Sheet Numbers:	**OFF-SITE**	Cowardin Class(es):	**PFO, PSS, PEM, PEMf**
Investigator(s):	**PF / CR**	HGM Class(es):	**RI, S/F, DCP, RFT**

Location -- Legal:	**T. 12S, R. 5W, S. 5**
Other:	**Extends from City reservoir lands (n.of Reservoir Rd.) to 53rd Street**
Tax Lots:	**See accompanying table**
Hydrologic basin:	**Squaw Creek**
Soil -- Mapped series:	**Bashaw clay, Waldo silty clay loam, Dayton silt loam**
Hydrologic Source:	**Precipitation, groundwater, surface water**

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
Fraxinus latifolia	Oregon Ash	*Dipsacus sylvestris*	Teasel
Salix sp.	willow species	*Juncus effusus*	Soft Rush
Crataegus douglasii	Douglas' Hawthorn	*Deschampsia cespitosa*	Tufted Hairgrass
Populus trichocarpa	Black Cottonwood	*Rumex crispus*	Curly Dock
Rosa eglanteria	Sweetbrier	*Agrostis tenuis*	Colonial Bentgrass
Rosa pisocarpa	Clustered Wild Rose	*Camassia quamash*	Common Camas
		Carex densa	Dense Sedge

Comments: **Locally Significant Wetland**

OFF-SITE. Large wetland complex extending east from Bald Hills area, south from West Hills, and north of Hwy. 20. Portions previously delineated (DSL WD# 98-0154 and WD# 04-0103). South branch of Squaw Creek is within this wetland unit. Portions of wetland are farmed (25%), forested (20%), scrub shrub (25%), and emergent (30%). Also an excavated pond just south of Reservoir Road. Zoned residential.

Adjacent upland species: Daucus carota, Rubus discolor, Quercus garryana, Rhus diversiloba, Cirsium arvense, Prunus avium, Crataegus monogyna, Taraxacum officinale

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

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-SQU-W-9**
Project Location:	Benton County	**Wetland Type(s):**	PEMf

Date(s) of field work:	10/1/2002	**Approx. Area (acres):**	2.22
Onsite Assessment?:	NO	**Investigator(s):**	PF / CR
Wetland Location:	West of 53rd, north of West Hills Road, south of RR tracks		

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	**B**
Q-3	**C**	Q-3		Q-3	**C**	Q-3	**B**	Q-3	**C**
Q-4	**C**	Q-4		Q-4	**B**	Q-4	**C**	Q-4	**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 impacted or degraded
Hydrologic Control	Wetland's hydrologic control is impacted or degraded
Sensitivity to Impact	Wetland is potentially sensitive to future impacts

Function and Condition Assessment Answers

Enhancement Potential		Education		Recreation		Aesthetic Quality	
Q	**A**	**Q**	**A**	**Q**	**A**	**Q**	**A**
Q-1	**A**	Q-1	**C**	Q-1	**C**	Q-1	**C**
Q-2	**C**	Q-2	**B**	Q-2	**C**	Q-2	**A**
Q-3		Q-3	**B**	Q-3	**C**	Q-3	**B**
Q-4	**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:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-SQU-W-9**
Location:	Benton County	**Approx. Area (acres):**	2.22
Date:	10/1/2002	**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	Surface water connection to other wetlands
	Can't determine if wetland floods or ponds	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
	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 development
	No adjacent Water Quality Limited streams	Herbaceous vegetation, no ponding
Result:	**Wetland has moderate potential for enhancement**	
Rationale:	Wetland functions are impacted or degraded	Wetland is between 0.5 and 5 acres
	Primary water source is precipitation	Wetland buffer is less than 10%
	Water flow is permanently restricted	Potentially sensitive to future impacts
Result:	**Wetland site is not appropriate for educational use**	
Rationale:	No access allowed to wetland	No access point to wetland exists
	1 or 2 visible safety hazards	Wetland is not limited mobility accessible
	No access or observation of other habitats	
Result:	**Wetland is not appropriate or does not provide rec. opportunities**	
Rationale:	No access point to wetland exists	Wetland provides habitat for some wildlife
	No boat launching can be developed	No fishing is allowed
	No trails or viewing areas exist	No hunting is allowed
Result:	**Wetland is 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

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-SQU-W-9**
Project Location:	Benton County	**Approx. Area (acres):**	2.22
Date:	10/1/2002	**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 *diverse wildlife habitat*?		No
2 Is the wetland's *fish habitat function intact*?		No
3 Is the wetland's *water quality function intact*?		No
4 Is the wetland's *hydrologic control function intact*?		No
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list) and is the wetland's *water quality function intact, or impacted or degraded*?		No
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids and is the wetland's *fish habitat function intact, or impacted or degraded*?		No
Mandatory Locally Significant Wetland criteria satisfied ?		**No**

***Optional Locally Significant Wetland Criteria*: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function*.		No
2 Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses*?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Does not satisfy the criteria, Not a Locally Significant Wetland

Wetland Characterization Sheet

Project Name: Corvallis Natural Resource Inventory

		Wetland Code:	**WC-SQU-W-9**
Date(s) of field work:	**10/1/2002**	Size (acres):	**2.22**
Data Sheet Numbers:	**OFF-SITE**	Cowardin Class(es):	**PEMf**
Investigator(s):	**PF / CR**	HGM Class(es):	**S/F**

Location -- Legal:	**T. 12S, R. 5W, S. 4, 5**
Other:	**West of 53rd, north of West Hills Road, south of RR tracks**
Tax Lots:	**See accompanying table**
Hydrologic basin:	**Squaw Creek**
Soil -- Mapped series:	**Woodburn silt loam, 0-3% slopes**
Hydrologic Source:	**Precipitation**

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
		Agrostis tenuis	**Colonial Bentgrass**
		Holcus lanatus	**Common Velvet Grass**
		Alopecurus pratensis	**Meadow Foxtail**

Comments:

OFF-SITE. Small emergent farmed wetland along edge of 53rd. Disturbed. May have been recently delineated. Isolated with no apparent connection to other wetlands. Zoned residential. Currently open agriculture field.

Adjacent Upland species: Festuca arundinacea

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

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-SQU-W-10**
Project Location:	Benton County	**Wetland Type(s):**	PEMf

Date(s) of field work:	10/1/2002	**Approx. Area (acres):**	1.47
Onsite Assessment?:	NO	**Investigator(s):**	PF / CR
Wetland Location:	West of 53rd, south of West Hills Road, north of Western		

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	**B**
Q-3	**C**	Q-3		Q-3	**C**	Q-3	**B**	Q-3	**C**
Q-4	**C**	Q-4		Q-4	**B**	Q-4	**C**	Q-4	**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 impacted or degraded
Hydrologic Control	Wetland's hydrologic control is impacted or degraded
Sensitivity to Impact	Wetland is potentially sensitive to future impacts

Function and Condition Assessment Answers

Enhancement Potential		Education		Recreation		Aesthetic Quality	
Q	**A**	**Q**	**A**	**Q**	**A**	**Q**	**A**
Q-1	**A**	Q-1	**C**	Q-1	**C**	Q-1	**C**
Q-2	**C**	Q-2	**B**	Q-2	**C**	Q-2	**A**
Q-3		Q-3	**B**	Q-3	**C**	Q-3	**B**
Q-4	**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:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-SQU-W-10**
Location:	Benton County	**Approx. Area (acres):**	1.47
Date:	10/1/2002	**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	Surface water connection to other wetlands
	Can't determine if wetland floods or ponds	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
	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 development
	No adjacent Water Quality Limited streams	Herbaceous vegetation, no ponding
Result:	**Wetland has moderate potential for enhancement**	
Rationale:	Wetland functions are impacted or degraded	Wetland is between 0.5 and 5 acres
	Primary water source is precipitation	Wetland buffer is less than 10%
	Water flow is permanently restricted	Potentially sensitive to future impacts
Result:	**Wetland site is not appropriate for educational use**	
Rationale:	No access allowed to wetland	No access point to wetland exists
	1 or 2 visible safety hazards	Wetland is not limited mobility accessible
	No access or observation of other habitats	
Result:	**Wetland is not appropriate or does not provide rec. opportunities**	
Rationale:	No access point to wetland exists	Wetland provides habitat for some wildlife
	No boat launching can be developed	No fishing is allowed
	No trails or viewing areas exist	No hunting is allowed
Result:	**Wetland is 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

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-SQU-W-10**
Project Location:	Benton County	**Approx. Area (acres):**	1.47
Date:	10/1/2002	**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 *diverse wildlife habitat*?		No
2 Is the wetland's *fish habitat function intact*?		No
3 Is the wetland's *water quality function intact*?		No
4 Is the wetland's *hydrologic control function intact*?		No
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list) and is the wetland's *water quality function intact, or impacted or degraded*?		No
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids and is the wetland's *fish habitat function intact, or impacted or degraded*?		No
Mandatory Locally Significant Wetland criteria satisfied ?		**No**

***Optional Locally Significant Wetland Criteria*: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function*.		No
2 Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses*?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Does not satisfy the criteria, Not a Locally Significant Wetland

Wetland Characterization Sheet

Project Name: Corvallis Natural Resource Inventory

		Wetland Code:	**WC-SQU-W-10**
Date(s) of field work:	**10/1/2002**	Size (acres):	**1.47**
Data Sheet Numbers:	**OFF-SITE**	Cowardin Class(es):	**PEMf**
Investigator(s):	**PF / CR**	HGM Class(es):	**S/F**

Location -- Legal:	**T. 12S, R. 5W, S. 4, 5**
Other:	**West of 53rd, south of West Hills Road, north of Western**
Tax Lots:	**See accompanying table**
Hydrologic basin:	**Squaw Creek**
Soil -- Mapped series:	**Woodburn silt loam, 0-3% slopes**
Hydrologic Source:	**Precipitation**

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
		Solanum dulcamara	Bittersweet Nightshade

Comments:

OFF-SITE. Small emergent farmed wetland along edge of 53rd. Disturbed. Isolated with no apparent connection to other wetlands. Zoned residential. Currently open agriculture field.

Adjacent Upland species: Festuca arundinacea

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

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	Corvallis Natural Resource Inventory	Wetland:	WC-SQU-W-11
Project Location:	Benton County	Wetland Type(s):	PFO, PSS, PEM

Date(s) of field work:	10/1/2002	Approx. Area (acres):	27.26
Onsite Assessment?:	NO	Investigator(s):	PF / CR
Wetland Location:	East of 53rd, south of RR tracks, north of West Hills 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	A	Q-2	A	Q-2	A	Q-2	B
Q-3	A	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	B
Q-5	A	Q-5	B	Q-5	B	Q-5	A	Q-5	A
Q-6	A	Q-6	A	Q-6	C	Q-6	A	Q-6	A
Q-7	A					Q-7	B		
Q-8	B								
Q-9A									
Q-9B	B								

Results:

Wildlife Habitat	Wetland provides diverse wildlife habitat
Fish Habitat	Wetland's fish habitat function is intact
Water Quality	Wetland's water-quality function is intact
Hydrologic Control	Wetland's hydrologic control 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	B	Q-3	A	Q-3	C	Q-3	A
Q-4		Q-4	B	Q-4	A	Q-4	B
Q-5B		Q-5	C	Q-5	B	Q-5	A
Q-6		Q-6	B	Q-6	B	Q-6	A

Results:

Enhancement Potential	Due to diverse wildlife habitat, this wetland cannot be enhanced
Education	Wetland site is not appropriate for educational use
Recreation	Wetland is not appropriate or does not provide rec. opportunities
Aesthetic Quality	Wetland is considered to be pleasing

Oregon Freshwater Wetland Assessment Methodology
Functions and Conditions Summary Sheet

Project:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-SQU-W-11**
Location:	Benton County	**Approx. Area (acres):**	27.26
Date:	10/1/2002	**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 between 10% and 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
	10-25% 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 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	Dominated by woody vegetation
	Wetland floods/ponds in growing season	Development downslope of wetland
	Water has unrestricted flow out of wetland	Agriculture upslope of wetland
Result:	**Wetland is potentially sensitive to future impacts**	
Rationale:	Stream not modified	Adjacent land use is primarily agriculture
	Water not taken out	Adjacent zoning is primarily development
	No adjacent Water Quality Limited streams	Dominated by woody vegetation
Result:	**Due to diverse wildlife habitat, this wetland cannot be enhanced**	
Rationale:		
Result:	**Wetland site is not appropriate for educational use**	
Rationale:	No access allowed to wetland	No access point to wetland exists
	No visible hazards to public	Wetland is not limited mobility accessible
	Other habitats can be observed not accessed	
Result:	**Wetland is not appropriate or does not provide rec. opportunities**	
Rationale:	No access point to wetland exists	Wetland provides diverse wildlife habitat
	No boat launching can be developed	No fishing is allowed
	No trails or viewing areas exist	No hunting is allowed
Result:	**Wetland is considered to be 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

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-SQU-W-11**
Project Location:	Benton County	**Approx. Area (acres):**	27.26
Date:	10/1/2002	**Wetland Types(s):**	PFO, PSS, PEM

***Exclusions*: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

***Mandatory Locally Significant Wetland Criteria*: This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat*?	Yes	
2 Is the wetland's *fish habitat function intact*?	Yes	
3 Is the wetland's *water quality function intact*?	Yes	
4 Is the wetland's *hydrologic control function intact*?	Yes	
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list) and is the wetland's *water quality function intact, or impacted or degraded*?		No
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids and is the wetland's *fish habitat function intact, or impacted or degraded*?		No
Mandatory Locally Significant Wetland criteria satisfied ?	**Yes**	

***Optional Locally Significant Wetland Criteria*: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function*.		No
2 Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses*?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Locally Significant Wetland

Wetland Characterization Sheet

Project Name: Corvallis Natural Resource Inventory

		Wetland Code:	**WC-SQU-W-11**
Date(s) of field work:	**10/1/2002**	Size (acres):	**27.26**
Data Sheet Numbers:	**OFF-SITE**	Cowardin Class(es):	**PFO, PSS, PEM**
Investigator(s):	**PF / CR**	HGM Class(es):	**RFT, S/F**

Location -- Legal:	**T. 12S, R. 5W, S. 4**
Other:	**East of 53rd, south of RR tracks, north of West Hills Road**
Tax Lots:	**See accompanying table**
Hydrologic basin:	**Squaw Creek**
Soil -- Mapped series:	**Dayton silt loam, Waldo silty clay loam, Amity silt loam, Concord SL**
Hydrologic Source:	**Surface flow**

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
Fraxinus latifolia	**Oregon Ash**	***Carex spp.***	**Sedges**
Populus trichocarpa	**Black Cottonwood**	***Holcus lanatus***	**Common Velvet Grass**
Rosa sp.	**Rose**	***Agrostis tenuis***	**Colonial Bentgrass**
Salix spp	**Willow**	***Alopecurus pratensis***	**Meadow Foxtail**

Comments: **Locally Significant Wetland**

OFF-SITE. Squaw Creek drainage through large undeveloped property. Upland areas are in tree plantation. Creek drains southeast and hydrologically connected to wetlands upstream and downstream. Lower portion of creek at West Hills was dry in late summer. Zoned for residential. Current land use is agriculture/forestry. Wetland is combination of palustrine forested (55%), scrub shrub (15%) and emergent (30%).

Adjacent upland species: Pseudotsuga menziesii, Rubus discolor, Festuca arundinacea, Cirsium arvense, Hypochaeris radicata

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

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-SQU-W-12**
Project Location:	Benton County	**Wetland Type(s):**	PEM

Date(s) of field work:	7/17/2002	**Approx. Area (acres):**	4.39
Onsite Assessment?:	NO	**Investigator(s):**	CR/PF
Wetland Location:	North of Reservoir Avenue, east of 53rd Street		

Function and Condition Assessment Answers

Wildlife Habitat		Fish Habitat		Water Quality		Hydrologic Control		Sensitivity to Impact	
Q	A	Q	A	Q	A	Q	A	Q	A
Q-1	C	Q-1	B	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	B	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	B	Q-5	B
Q-6	B	Q-6	C	Q-6	C	Q-6	B	Q-6	B
Q-7	A					Q-7	B		
Q-8	B								
Q-9A									
Q-9B	B								

Results:

Wildlife Habitat	Wetland provides habitat for some wildlife species
Fish Habitat	Wetland's fish habitat function is impacted or degraded
Water Quality	Wetland's water-quality function is impacted or degraded
Hydrologic Control	Wetland's hydrologic control is impacted or degraded
Sensitivity to Impact	Wetland is potentially sensitive to future impacts

Function and Condition Assessment Answers

Enhancement Potential		Education		Recreation		Aesthetic Quality	
Q	A	Q	A	Q	A	Q	A
Q-1	A	Q-1	C	Q-1	C	Q-1	B
Q-2	C	Q-2	A	Q-2	C	Q-2	B
Q-3		Q-3	B	Q-3	C	Q-3	A
Q-4	B	Q-4	B	Q-4	B	Q-4	B
Q-5B	B	Q-5	C	Q-5	B	Q-5	A
Q-6	B	Q-6	B	Q-6	B	Q-6	A

Results:

Enhancement Potential	Wetland has high enhancement potential
Education	Wetland site is not appropriate for educational use
Recreation	Wetland is not appropriate or does not provide rec. opportunities
Aesthetic Quality	Wetland is considered to be moderately pleasing

Oregon Freshwater Wetland Assessment Methodology
Functions and Conditions Summary Sheet

Project:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-SQU-W-12**
Location:	Benton County	**Approx. Area (acres):**	4.39
Date:	7/17/2002	**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 use is primarily agriculture
	Less than 0.5 acres of open water	Wetland buffer is between 10% and 40%
Result:	**Wetland's fish habitat function is impacted or degraded**	
Rationale:	25-50% of stream is shaded	No adjacent Water Quality Limited streams
	Stream banks are extensively modified	Adjacent land use is primarily agriculture
	<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	Surface water connection to other wetlands
	Wetland floods/ponds in growing season	Adjacent land use is primarily agriculture
	Moderate vegetation cover	No adjacent Water Quality Limited streams
Result:	**Wetland's hydrologic control is impacted or degraded**	
Rationale:	Wetland is not within 100 year floodplain	Herbaceous vegetation & 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 & ponding
Result:	**Wetland has high enhancement potential**	
Rationale:	Wetland functions are impacted or degraded	Wetland is between 0.5 and 5 acres
	Primary water source is precipitation	Wetland buffer is between 10% and 40%
	Water flow is permanently restricted	Potentially sensitive to future impacts
Result:	**Wetland site is not appropriate for educational use**	
Rationale:	No access allowed to wetland	No access point to wetland exists
	No visible hazards to public	Wetland is not limited mobility accessible
	Other habitats can be observed not accessed	
Result:	**Wetland is not appropriate or does not provide rec. opportunities**	
Rationale:	No access point to wetland exists	Wetland provides habitat for some wildlife
	No boat launching can be developed	No fishing is allowed
	No trails or viewing areas exist	No hunting is allowed
Result:	**Wetland is considered to be moderately pleasing**	
Rationale:	Two Cowardin classes visible	Wetland surrounded by landscaped areas
	25 - 50% of wetland can be seen	Natural odors present at wetland
	No visual detractors are present	Some traffic and natural noises are present

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-SQU-W-12**
Project Location:	Benton County	**Approx. Area (acres):**	4.39
Date:	7/17/2002	**Wetland Types(s):**	PEM

***Exclusions*: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

***Mandatory Locally Significant Wetland Criteria*: This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat*?		No
2 Is the wetland's *fish habitat function intact*?		No
3 Is the wetland's *water quality function intact*?		No
4 Is the wetland's *hydrologic control function intact*?		No
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list) and is the wetland's *water quality function intact, or impacted or degraded*?		No
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids and is the wetland's *fish habitat function intact, or impacted or degraded*?		No
Mandatory Locally Significant Wetland criteria satisfied ?		**No**

***Optional Locally Significant Wetland Criteria*: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function*.		No
2 Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses*?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Does not satisfy the criteria, Not a Locally Significant Wetland

Wetland Characterization Sheet

Project Name: Corvallis Natural Resource Inventory

		Wetland Code:	**WC-SQU-W-12**
Date(s) of field work:	**7/17/2002**	Size (acres):	**4.39**
Data Sheet Numbers:	**OFF-SITE**	Cowardin Class(es):	**PEM**
Investigator(s):	**CR/PF**	HGM Class(es):	**S/F, DCP**

Location -- Legal:	**T. 11S, R.5W, S.4, 33**
Other:	**North of Reservoir Avenue, east of 53rd Street**
Tax Lots:	**See accompanying table**
Hydrologic basin:	**Squaw Creek**
Soil -- Mapped series:	**Concord silt loam, Woodburn silt loam, 0-3% slopes**
Hydrologic Source:	**Precipitation**

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
		Alopecurus pratensis	**Meadow Foxtail**
		Downingia elegans	**Common Downingia**
		Juncus effusus	**Soft Rush**
		Boisduvalia densiflora	**Dense-Flower Spike-Primrose**
		Deschampsia cespitosa	**Tufted Hairgrass**

Comments:

OFF-SITE. Two emergent wet meadow wetlands within OSU animal quarantine area. Primary hydrologic source appears to be precipitation. Possibility that the emergent wetlands may contain Sidalcea nelsoniana. The adjacent pond is not part of the wetland. Zoned open space-agricultural and surrounded to the north by the same zoning, and to the south by residential zoning.

Adjacent upland species: Festuca arundinacea, Crepis capillaris, Daucus carota

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

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-SQU-W-13**
Project Location:	Benton County	**Wetland Type(s):**	PFO,PSS,PEM

Date(s) of field work:	10/1/2002	**Approx. Area (acres):**	68.78
Onsite Assessment?:	NO	**Investigator(s):**	CR/PF
Wetland Location:	Old mill site, north of Reservoir Avenue and west of 53rd 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	**B**	Q-1	**B**
Q-2	**B**	Q-2	**C**	Q-2	**A**	Q-2	**A**	Q-2	**B**
Q-3	**A**	Q-3	**A**	Q-3	**A**	Q-3	**A**	Q-3	**C**
Q-4	**C**	Q-4	**A**	Q-4	**A**	Q-4	**B**	Q-4	**B**
Q-5	**B**	Q-5	**B**	Q-5	**B**	Q-5	**B**	Q-5	**A**
Q-6	**A**	Q-6	**C**	Q-6	**C**	Q-6	**C**	Q-6	**B**
Q-7	**A**					Q-7	**C**		
Q-8	**B**								
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 is impacted or degraded
Sensitivity to Impact	Wetland is potentially sensitive to future impacts

Function and Condition Assessment Answers

Enhancement Potential		Education		Recreation		Aesthetic Quality	
Q	**A**	**Q**	**A**	**Q**	**A**	**Q**	**A**
Q-1		Q-1	**C**	Q-1	**C**	Q-1	**A**
Q-2		Q-2	**B**	Q-2	**C**	Q-2	**B**
Q-3	**B**	Q-3	**A**	Q-3	**A**	Q-3	**C**
Q-4		Q-4	**B**	Q-4	**A**	Q-4	**A**
Q-5B		Q-5	**C**	Q-5	**B**	Q-5	**A**
Q-6		Q-6	**A**	Q-6	**B**	Q-6	**B**

Results:

Enhancement Potential	Due to diverse wildlife habitat, this wetland cannot be enhanced
Education	Wetland 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:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-SQU-W-13**
Location:	Benton County	**Approx. Area (acres):**	68.78
Date:	10/1/2002	**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 use is primarily agriculture
	Less than 0.5 acres of open water	Wetland buffer is between 10% and 40%
Result:	**Wetland's fish habitat function is impacted or degraded**	
Rationale:	25-50% of stream is shaded	No adjacent Water Quality Limited streams
	Stream banks are extensively modified	Adjacent land use is primarily agriculture
	>25% 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 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 is impacted or degraded**	
Rationale:	Wetland is not within 100 year floodplain	Herbaceous vegetation & ponding
	Wetland floods/ponds in growing season	Open space downslope of development
	Minor restrictions slow down the water	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 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
	1 or 2 visible safety hazards	Wetland is limited mobility accessible
	Other habitats can be observed not accessed	
Result:	**Wetland is not appropriate or does not provide rec. opportunities**	
Rationale:	No access point to wetland exists	Wetland provides diverse wildlife habitat
	No boat launching can be developed	No fishing is allowed
	Maintained trails, viewing areas exist	No hunting is allowed
Result:	**Wetland is considered to be moderately pleasing**	
Rationale:	More than two Cowardin classes are visible	Wetland surrounded by natural areas
	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

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-SQU-W-13**
Project Location:	Benton County	**Approx. Area (acres):**	68.78
Date:	10/1/2002	**Wetland Types(s):**	PFO,PSS,PEM

***Exclusions*: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

***Mandatory Locally Significant Wetland Criteria*: This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat*?	Yes	
2 Is the wetland's *fish habitat function intact*?		No
3 Is the wetland's *water quality function intact*?	Yes	
4 Is the wetland's *hydrologic control function intact*?		No
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list) and is the wetland's *water quality function intact, or impacted or degraded*?		No
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?	Yes	
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids and is the wetland's *fish habitat function intact, or impacted or degraded*?		No
Mandatory Locally Significant Wetland criteria satisfied ?	**Yes**	

***Optional Locally Significant Wetland Criteria*: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function*.		No
2 Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses*?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Locally Significant Wetland

Wetland Characterization Sheet

Project Name: Corvallis Natural Resource Inventory

		Wetland Code:	**WC-SQU-W-13**
Date(s) of field work:	**10/1/2002**	Size (acres):	**68.78**
Data Sheet Numbers:	**OFF-SITE**	Cowardin Class(es):	**PFO,PSS,PEM**
Investigator(s):	**CR/PF**	HGM Class(es):	**S/F, DCP, RI**

Location -- Legal:	**T.11S, R. 5W, S.32; T. 12S, R.5W, S.5**
Other:	**Old mill site, north of Reservoir Avenue and west of 53rd Street**
Tax Lots:	**See accompanying table**
Hydrologic basin:	**Squaw Creek**
Soil -- Mapped series:	**Willamette silt loam, 0-3% slopes; Witham silty clay loam, 2-7% slopes**
Hydrologic Source:	**Surface water, groundwater**

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
Fraxinus latifolia	**Oregon Ash**	***Dipsacus sylvestris***	**Teasel**
Salix spp.	**Willow**	***Juncus effusus***	**Soft Rush**
Populus trichocarpa	**Black Cottonwood**	***Rumex crispus***	**Curly Dock**
Crataegus douglasii	**Douglas' Hawthorn**	***Deschampsia cespitosa***	**Tufted Hairgrass**
		Agrostis tenuis	**Colonial Bentgrass**

Comments: **Locally Significant Wetland**

OFF-SITE. Old log ponds located north of Reservoir Avenue. State and federal jurisdiction is under review. Squaw Creek flows through ponds and drains under road to southeast. Hydrologically connected to wetlands to north, south and west. Zoned industrial. Areas of old ponds appear to have become scrub shrub with areas of open water in east pond. Area in northwest corner of Reservoir and 53rd may have Nelsons checkermallow, a listed threatened species.WETLAND OF SPECIAL INTEREST FOR PROTECTION

Adjacent upland species: Daucus carota, Quercus garryana, Rubus discolor, Cirsium arvense, Taraxacum officinale

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

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-SQU-W-14**
Project Location:	Benton County	**Wetland Type(s):**	PSS, PEM

Date(s) of field work:	N/A	**Approx. Area (acres):**	1.23
Onsite Assessment?:	NO	**Investigator(s):**	PF
Wetland Location:	South of Reservoir Road, north of West Hills 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	**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	**A**
Q-5	**A**	Q-5		Q-5	**A**	Q-5	**C**	Q-5	**A**
Q-6	**A**	Q-6		Q-6	**C**	Q-6	**B**	Q-6	**C**
Q-7	**A**					Q-7	**A**		
Q-8	**C**								
Q-9A									
Q-9B	**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		Q-1	**C**	Q-1	**C**	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	**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:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-SQU-W-14**
Location:	Benton County	**Approx. Area (acres):**	1.23
Date:	N/A	**Wetland Types(s):**	PSS, PEM

Result:	**Wetland provides habitat for some wildlife species**	
Rationale:	More than one Cowardin class	No adjacent Water Quality limited streams
	Herbaceous vegetation, no ponding	Adjacent land is mostly developed
	Less than 0.5 acres of open water	Wetland buffer is 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 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	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:	One or more functions lost/not present	Wetland is between 0.5 and 5 acres
	Primary water source is groundwater	Wetland buffer is greater than 40%
	Water flow is permanently restricted	Potentially sensitive to future impacts
Result:	**Wetland site is not appropriate for educational use**	
Rationale:	No access allowed to wetland	No access point to wetland exists
	No visible hazards to public	Wetland is not limited mobility accessible
	Other habitats can be observed not accessed	
Result:	**Wetland is not appropriate or does not provide rec. opportunities**	
Rationale:	No access point to wetland exists	Wetland provides habitat for some wildlife
	No boat launching can be developed	No fishing is allowed
	No trails or viewing areas exist	No hunting is allowed
Result:	**Wetland is considered to be moderately pleasing**	
Rationale:	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

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-SQU-W-14**
Project Location:	Benton County	**Approx. Area (acres):**	1.23
Date:	N/A	**Wetland Types(s):**	PSS, PEM

***Exclusions*: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

***Mandatory Locally Significant Wetland Criteria*: This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat*?		No
2 Is the wetland's *fish habitat function intact*?		No
3 Is the wetland's *water quality function intact*?		No
4 Is the wetland's *hydrologic control function intact*?		No
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list) and is the wetland's *water quality function intact, or impacted or degraded*?		No
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids and is the wetland's *fish habitat function intact, or impacted or degraded*?		No
Mandatory Locally Significant Wetland criteria satisfied ?		**No**

***Optional Locally Significant Wetland Criteria*: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function*.		No
2 Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses*?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Does not satisfy the criteria, Not a Locally Significant Wetland

Wetland Characterization Sheet

Project Name: Corvallis Natural Resource Inventory

		Wetland Code:	WC-SQU-W-14
Date(s) of field work:	N/A	Size (acres):	1.23
Data Sheet Numbers:	OFF-SITE	Cowardin Class(es):	PSS, PEM
Investigator(s):	PF	HGM Class(es):	S/F, DO

Location -- Legal:	T. 12S, R. 5W, S. 5
Other:	South of Reservoir Road, north of West Hills Road
Tax Lots:	See accompanying table
Hydrologic basin:	Squaw Creek
Soil -- Mapped series:	Willamette silt loam
Hydrologic Source:	Groundwater

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
Salix sp.	willow	*Holcus lanatus*	Common Velvet Grass
Rosa pisocarpa	Clustered Wild Rose	*Juncus tenuis*	Slender Rush
Crataegus douglasii	Douglas' Hawthorn	*Deschampsia cespitosa*	Tufted Hairgrass
		Phalaris arundinacea	Reed Canary Grass
		Agrostis tenuis	Colonial Bentgrass
		Camassia quamash	Common Camas
		Mentha sp.	mint species
		Typha latifolia	Common Cattail
		Alopecurus geniculatus	Water Foxtail
		Juncus bolanderi	Bolander's Rush

Comments:

OFF-SITE. Small wetlands located at base of slope in north end of Grand Oaks Summit development and adjacent to railroad tracks. Drain west in ditch along track and hydrologically connected to other Squaw Creek wetlands south of Reservoir Road. DSL WD #97-0377. Zoned residential.

Adjacent upland species: Dactylis glomerata, Rubus discolor, Quercus garryana, Rhus diversiloba, Cirsium arvense, Crataegus monogyna, Taraxacum officinale

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

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-SQU-W-15**
Project Location:	Benton County	**Wetland Type(s):**	PSS, PEM

Date(s) of field work:	10/1/2002	**Approx. Area (acres):**	1.22
Onsite Assessment?:	NO	**Investigator(s):**	PF / CR
Wetland Location:	North of Reservoir Road, east of reservoirs		

Function and Condition Assessment Answers

Wildlife Habitat		Fish Habitat		Water Quality		Hydrologic Control		Sensitivity to Impact	
Q	**A**	**Q**	**A**	**Q**	**A**	**Q**	**A**	**Q**	**A**
Q-1	**A**	Q-1	**C**	Q-1	**B**	Q-1	**B**	Q-1	**B**
Q-2	**C**	Q-2	**B**	Q-2	**B**	Q-2	**B**	Q-2	**B**
Q-3	**C**	Q-3	**C**	Q-3	**B**	Q-3	**B**	Q-3	**C**
Q-4	**C**	Q-4	**A**	Q-4	**B**	Q-4	**C**	Q-4	**B**
Q-5	**A**	Q-5	**B**	Q-5	**B**	Q-5	**C**	Q-5	**A**
Q-6	**A**	Q-6	**C**	Q-6	**C**	Q-6	**B**	Q-6	**C**
Q-7	**A**					Q-7	**B**		
Q-8	**B**								
Q-9A									
Q-9B	**B**								

Results:

Wildlife Habitat	Wetland provides habitat for some wildlife species
Fish Habitat	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	**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	**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 provides recreational opportunities
Aesthetic Quality	Wetland is considered to be pleasing

Oregon Freshwater Wetland Assessment Methodology
Functions and Conditions Summary Sheet

Project:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-SQU-W-15**
Location:	Benton County	**Approx. Area (acres):**	1.22
Date:	10/1/2002	**Wetland Types(s):**	PSS, PEM

Result:	**Wetland provides habitat for some wildlife species**	
Rationale:	More than one Cowardin class	No adjacent Water Quality limited streams
	Herbaceous vegetation, no ponding	Adjacent land use is primarily agriculture
	Less than 0.5 acres of open water	Wetland buffer is between 10% and 40%
Result:	**Wetland's fish habitat function is impacted or degraded**	
Rationale:	Less than 25% of stream is shaded	No adjacent Water Quality Limited streams
	Only portions of stream are modified	Adjacent land use is primarily agriculture
	<10% of stream has instream structures	Stream does not contain fish
Result:	**Wetland's water-quality function is impacted or degraded**	
Rationale:	Primary water source is precipitation	Surface water connection to other wetlands
	Can't determine if wetland floods or ponds	Adjacent land use is primarily agriculture
	Moderate vegetation cover	No adjacent Water Quality Limited streams
Result:	**Wetland's hydrologic control is impacted or degraded**	
Rationale:	Wetland is not within 100 year floodplain	Herbaceous vegetation, no ponding
	Can't determine if wetland floods or ponds	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 between 0.5 and 5 acres
	Primary water source is precipitation	Wetland buffer is between 10% and 40%
	Water flow is permanently restricted	Potentially sensitive to future impacts
Result:	**Wetland site is not appropriate for educational use**	
Rationale:	No access allowed to wetland	Maintained public access within 250 feet
	No visible hazards to public	Wetland is 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 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

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-SQU-W-15**
Project Location:	Benton County	**Approx. Area (acres):**	1.22
Date:	10/1/2002	**Wetland Types(s):**	PSS, PEM

***Exclusions*: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

***Mandatory Locally Significant Wetland Criteria* : This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat*?		No
2 Is the wetland's *fish habitat function intact* ?		No
3 Is the wetland's *water quality function intact*?		No
4 Is the wetland's *hydrologic control function intact*?		No
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list)and is the wetland's *water quality function intact, or impacted or degraded*?		No
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonidsand is the wetland's *fish habitat function intact, or impacted or degraded* ?		No
Mandatory Locally Significant Wetland criteria satisfied ?		**No**

***Optional Locally Significant Wetland Criteria* : local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant communityand provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function* .		No
2 Is the wetland publicly owned and used by a school or organizationand does the wetland provide *educational uses* ?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Does not satisfy the criteria, Not a Locally Significant Wetland

Wetland Characterization Sheet

Project Name: Corvallis Natural Resource Inventory

		Wetland Code:	**WC-SQU-W-15**
Date(s) of field work:	**10/1/2002**	Size (acres):	**1.22**
Data Sheet Numbers:	**OFF-SITE**	Cowardin Class(es):	**PSS, PEM**
Investigator(s):	**PF / CR**	HGM Class(es):	**S**

Location -- Legal:	**T. 12S, R. 5W, S. 5**
Other:	**North of Reservoir Road, east of reservoirs**
Tax Lots:	**See accompanying table**
Hydrologic basin:	**Squaw Creek**
Soil -- Mapped series:	**Witham silty clay loam, 2-7% slopes**
Hydrologic Source:	**Precipitation**

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
Fraxinus latifolia	**Oregon Ash**	***Dipsacus sylvestris***	**Teasel**
Rosa sp.	**Rose**	***Rumex crispus***	**Curly Dock**
		Juncus effusus	**Soft Rush**
		Agrostis tenuis	**Colonial Bentgrass**

Comments:

OFF-SITE. Small wetland and intermittent drainage on west side of old mill site. Drains south and under Reservoir Road. Hydrologically connected to WC-SQU-W-8. Zoned for industrial. Currently used for pasture. Partially scrub shrub (10%), but mostly (90%) emergent.

Adjacent upland species: Rubus discolor, Cirsium arvense, Festuca arundinacea, Crataegus mongyna, Daucus carota

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

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-SQU-W-16**
Project Location:	Benton County	**Wetland Type(s):**	PEMf, PFO

Date(s) of field work:	9/5/2002	**Approx. Area (acres):**	47.32
Onsite Assessment?:	YES	**Investigator(s):**	CR/LW
Wetland Location:	Bald Hill Park, South of Oak Creek Dr., West of 53rd 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	**A**	Q-1	**0**	Q-1	**B**	Q-1	**B**	Q-1	**B**
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	**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	**C**
Q-6	**A**	Q-6	**A**	Q-6	**C**	Q-6	**B**	Q-6	**C**
Q-7	**A**					Q-7	**C**		
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 not 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	**A**	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	**A**	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 moderately pleasing

Oregon Freshwater Wetland Assessment Methodology
Functions and Conditions Summary Sheet

Project:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-SQU-W-16**
Location:	Benton County	**Approx. Area (acres):**	47.32
Date:	9/5/2002	**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 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 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	Open space upslope of wetland
Result:	**Wetland is not sensitive to future impacts**	
Rationale:	Stream not modified	Adjacent land use is primarily agriculture
	Water not taken out	Adjacent zoning is mostly open space
	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%
	Water flow is permanently restricted	Wetland is not 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
	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
	25 - 50% 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:	Corvallis Natural Resource Inventory	**Wetland:**	**WC-SQU-W-16**
Project Location:	Benton County	**Approx. Area (acres):**	47.32
Date:	9/5/2002	**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		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

***Mandatory Locally Significant Wetland Criteria* : This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat*?		No
2 Is the wetland's *fish habitat function intact* ?		No
3 Is the wetland's *water quality function intact*?		No
4 Is the wetland's *hydrologic control function intact*?		No
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list)and is the wetland's *water quality function intact, or impacted or degraded*?		No
6 Does the wetland contain a rare plant community?	No	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 salmonidsand is the wetland's *fish habitat function intact, or impacted or degraded* ?		No
Mandatory Locally Significant Wetland criteria satisfied ?		**No**

***Optional Locally Significant Wetland Criteria* : local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant communityand provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function* .		No
2 Is the wetland publicly owned and used by a school or organizationand does the wetland provide *educational uses* ?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Does not satisfy the criteria, Not a Locally Significant Wetland

Wetland Characterization Sheet

Project Name: Corvallis Natural Resource Inventory

		Wetland Code:	WC-SQU-W-16
Date(s) of field work:	9/5/2002	Size (acres):	47.32
Data Sheet Numbers:	107, 109	Cowardin Class(es):	PEMf, PFO
Investigator(s):	CR, LW	HGM Class(es):	S/F, RFT

Location -- Legal:	T11S, R5W, Sec. 32
Other:	Bald Hill Park, South of Oak Creek Dr., West of 53rd St.
Tax Lots:	See accompanying table
Hydrologic basin:	SQUAW CREEK
Soil -- Mapped series:	Coburg silty clay loam, Dayton silt loam, Witham silty clay loam, 2-7% slopes, W
Hydrologic Source:	Precipitation

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
Fraxinus latifolia	Oregon Ash	*Solanum dulcamara*	Bittersweet Nightshade
Salix lasiandra	Pacific Willow	*Rumex crispus*	Curly Dock
Salix hookeriana	Hooker Willow	*Bidens cernua*	Nodding Beggar-Ticks
Alnus rubra	Red Alder	*Agrostis tenuis*	Colonial Bentgrass
		Carex densa	Dense Sedge
		Rumex conglomeratus	Clustered Dock

Comments:

PARTIAL OFF-SITE. Located within and adjacent to Bald Hill Park. Majority of the wetland is composed of farmed wetland seeded with perennial ryegrass; Oregon ash dominated forested wetland is present along the eastern edge. Primary hydrologic influence appears to be precipitation; also includes seasonal drainage from upslopes portions of Bald Hill. Zoning includes open space-conservation and residential.

Adjacent upland species: *Lolium perenne, Festuca arundinacea, Daucus carota, Rubus discolor, Lactuca serriola, Hypochaeris radicata, Cirsium arvense, and Rhus diversiloba*.

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

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Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**S-DRY-W-1**
Project Location:	Benton County	**Wetland Type(s):**	PEMf

Date(s) of field work:	11/4/2002	**Approx. Area (acres):**	10.88
Onsite Assessment?:	YES	**Investigator(s):**	SE/ME
Wetland Location:	Corvallis Airport, west of 99W, south of Airport 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	**B**
Q-2	**C**	Q-2		Q-2	**A**	Q-2	**A**	Q-2	**B**
Q-3	**B**	Q-3		Q-3	**B**	Q-3	**A**	Q-3	**C**
Q-4	**C**	Q-4		Q-4	**A**	Q-4	**C**	Q-4	**A**
Q-5	**B**	Q-5		Q-5	**A**	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	**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	**B**	Q-1	**C**	Q-1	**C**
Q-2	**C**	Q-2	**C**	Q-2	**C**	Q-2	**A**
Q-3		Q-3	**B**	Q-3	**C**	Q-3	**C**
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:	Corvallis Natural Resource Inventory	**Wetland:**	**S-DRY-W-1**
Location:	Benton County	**Approx. Area (acres):**	10.88
Date:	11/4/2002	**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 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 more than 5 acres in size
	Wetland floods/ponds in growing season	Adjacent land is mostly developed
	Moderate vegetation cover	No adjacent Water Quality Limited streams
Result:	**Wetland's hydrologic control 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 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 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:	Wetland access by landowner permission	No access point to wetland exists
	More than 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 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

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**S-DRY-W-1**
Project Location:	Benton County	**Approx. Area (acres):**	10.88
Date:	11/4/2002	**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 *diverse wildlife habitat*?		No
2 Is the wetland's *fish habitat function intact* ?		No
3 Is the wetland's *water quality function intact*?		No
4 Is the wetland's *hydrologic control function intact*?		No
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list)and is the wetland's *water quality function intact, or impacted or degraded*?		No
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonidsand is the wetland's *fish habitat function intact, or impacted or degraded* ?		No
Mandatory Locally Significant Wetland criteria satisfied ?		**No**

Optional Locally Significant Wetland Criteria **: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant communityand provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function* .		No
2 Is the wetland publicly owned and used by a school or organizationand does the wetland provide *educational uses* ?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Does not satisfy the criteria, Not a Locally Significant Wetland

Wetland Characterization Sheet

Project Name: Corvallis Natural Resource Inventory

		Wetland Code:	S-DRY-W-1
Date(s) of field work:	11/4/2002	Size (acres):	10.88
Data Sheet Numbers:	245	Cowardin Class(es):	PEMf
Investigator(s):	SE/ME	HGM Class(es):	F

Location -- Legal:	**T. 12S, R. 5W, S. 27**
Other:	**Corvallis Airport, west of 99W, south of Airport Road.**
Tax Lots:	**See accompanying table**
Hydrologic basin:	**Dry Creek**
Soil -- Mapped series:	**Dayton silt loam, Coburg silty clay loam**
Hydrologic Source:	**Precipitation, groundwater**

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
		Predominantly mowed and cultivated grass fields.	
		Phalaris arundinacea	**Reed Canary Grass**

Comments:

Palustrine emergent wetland/wet meadow areas form a mosaic of wetland (80%) and upland in the southeast corner of the airport. Grass fields within and adjacent to the airfield are periodically mowed and/or cultivated. One of the depressions is not cultivated and includes a shallow swale that drains west to the channel adjacent to the railroad tracks. The area also includes a piles of fill vegetated with Himalayan blackberries. Zoned public institutional.

Adjacent upland species: Lolium perenne, Festuca arundinacea, Verbascum thapsis, Cirsium arvense, Hypocheris radicata, Rubus discolor

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

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**S-DRY-W-2**
Project Location:	Benton County	**Wetland Type(s):**	PEMf

Date(s) of field work:	11/4/2002	**Approx. Area (acres):**	72.05
Onsite Assessment?:	YES	**Investigator(s):**	SE/ME
Wetland Location:	Corvallis Airport, west of 99W, south of Airport 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	C	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	B	Q-3	A	Q-3	C
Q-4	C	Q-4		Q-4	A	Q-4	C	Q-4	A
Q-5	A	Q-5		Q-5	A	Q-5	B	Q-5	A
Q-6	A	Q-6		Q-6	C	Q-6	B	Q-6	B
Q-7	A					Q-7	B		
Q-8	C								
Q-9A									
Q-9B	C								

Results:

Wildlife Habitat	Wetland provides habitat for some wildlife species
Fish Habitat	Fish habitat was not assessed for this wetland
Water Quality	Wetland's water-quality function is impacted or degraded
Hydrologic Control	Wetland's hydrologic control is impacted or degraded
Sensitivity to Impact	Wetland is potentially sensitive to future impacts

Function and Condition Assessment Answers

Enhancement Potential		Education		Recreation		Aesthetic Quality	
Q	A	Q	A	Q	A	Q	A
Q-1	A	Q-1	B	Q-1	C	Q-1	A
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	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 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:	Corvallis Natural Resource Inventory	**Wetland:**	**S-DRY-W-2**
Location:	Benton County	**Approx. Area (acres):**	72.05
Date:	11/4/2002	**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 & 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 more than 5 acres in size
	Wetland floods/ponds in growing season	Adjacent land is mostly developed
	Moderate vegetation cover	No adjacent Water Quality Limited streams
Result:	**Wetland's hydrologic control 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	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 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 has potential for educational use**	
Rationale:	Wetland access by landowner permission	No access point to wetland exists
	1 or 2 visible safety hazards	Wetland is not limited mobility accessible
	No access or observation of other habitats	
Result:	**Wetland is not appropriate or does not provide rec. opportunities**	
Rationale:	No access point to wetland exists	Wetland provides habitat for some wildlife
	No boat launching can be developed	No fishing is allowed
	No trails or viewing areas exist	No hunting is allowed
Result:	**Wetland is considered to be moderately pleasing**	
Rationale:	More than two Cowardin classes are 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

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**S-DRY-W-2**
Project Location:	Benton County	**Approx. Area (acres):**	72.05
Date:	11/4/2002	**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 *diverse wildlife habitat*?		No
2 Is the wetland's *fish habitat function intact*?		No
3 Is the wetland's *water quality function intact*?		No
4 Is the wetland's *hydrologic control function intact*?		No
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list) and is the wetland's *water quality function intact, or impacted or degraded*?		No
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids and is the wetland's *fish habitat function intact, or impacted or degraded*?		No
Mandatory Locally Significant Wetland criteria satisfied ?		**No**

***Optional Locally Significant Wetland Criteria*: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function*.		No
2 Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses*?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Does not satisfy the criteria, Not a Locally Significant Wetland

Wetland Characterization Sheet

Project Name: Corvallis Natural Resource Inventory

		Wetland Code:	S-DRY-W-2
Date(s) of field work:	11/4/2002	Size (acres):	72.05
Data Sheet Numbers:	239, 240,242	Cowardin Class(es):	PEMf
Investigator(s):	SE/ME	HGM Class(es):	F, DCNP

Location -- Legal:	T. 12S, R. 5W, S. 27
Other:	Corvallis Airport, west of 99W, south of Airport Rd.
Tax Lots:	See accompanying table
Hydrologic basin:	Dry Creek
Soil -- Mapped series:	Dayton silt loam
Hydrologic Source:	Precipitation, groundwater

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
		Phalaris arundinacea	Reed Canary Grass
		Echinochloa crusgalli	Large Barnyard Grass
		Panicum capillare	Witchgrass

Comments:

Palustrine emergent wetland with a shallow, defined drainage that conveys runoff from agricultural fields east under the access road and into a channel to the drainage ditch that parallels the railroad tracks. The wetland includes areas within the airport south and east of the runways. The eastern one-third of the wetland lies within the 100 year floodplain. Evidence of ponding but dry at the time of site visit. Zoned public institutional.

Adjacent upland species: Festuca arundinacea, Lolium perenne, Hypochaeris radicata, Daucus carota, Rubus discolor, Cirsium vulgare, Verbascum thapsis

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

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**S-DRY-W-3**
Project Location:	Benton County	**Wetland Type(s):**	PEMf

Date(s) of field work:	9/6/2002	**Approx. Area (acres):**	2.40
Onsite Assessment?:	YES	**Investigator(s):**	SE/ME
Wetland Location:	Corvallis Airport, west of 99W, south of airport 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	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	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	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	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:	Corvallis Natural Resource Inventory	**Wetland:**	**S-DRY-W-3**
Location:	Benton County	**Approx. Area (acres):**	2.40
Date:	9/6/2002	**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	Surface water connection to other wetlands
	Wetland does not flood or pond	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 does not flood or pond	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%
	Water flow is permanently restricted	Potentially sensitive to future impacts
Result:	**Wetland site is not appropriate for educational use**	
Rationale:	No access allowed to wetland	No access point to wetland exists
	1 or 2 visible safety hazards	Wetland is not limited mobility accessible
	No access or observation of other habitats	
Result:	**Wetland is not appropriate or does not provide rec. opportunities**	
Rationale:	No access point to wetland exists	Wetland provides habitat for some wildlife
	No boat launching can be developed	No fishing is allowed
	No trails or viewing areas exist	No hunting is allowed
Result:	**Wetland is not aesthetically pleasing**	
Rationale:	One Cowardin class is visible	Wetland surrounded by 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

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**S-DRY-W-3**
Project Location:	Benton County	**Approx. Area (acres):**	2.4
Date:	9/6/2002	**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 *diverse wildlife habitat*?		No
2 Is the wetland's *fish habitat function intact*?		No
3 Is the wetland's *water quality function intact*?		No
4 Is the wetland's *hydrologic control function intact*?		No
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list) and is the wetland's *water quality function intact, or impacted or degraded*?		No
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids and is the wetland's *fish habitat function intact, or impacted or degraded*?		No
Mandatory Locally Significant Wetland criteria satisfied ?		**No**

Optional Locally Significant Wetland Criteria **: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function*.		No
2 Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses*?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Does not satisfy the criteria, Not a Locally Significant Wetland

Wetland Characterization Sheet

Project Name: Corvallis Natural Resource Inventory

		Wetland Code:	**S-DRY-W-3**
Date(s) of field work:	**9/6/2002**	Size (acres):	**2.40**
Data Sheet Numbers:	**91**	Cowardin Class(es):	**PEMf**
Investigator(s):	**SE/ME**	HGM Class(es):	**F**

Location -- Legal:	**T. 12S, R. 5W, S. 27**
Other:	**Corvallis Airport, west of 99W, south of airport Road.**
Tax Lots:	**See accompanying table**
Hydrologic basin:	**Dry Creek**
Soil -- Mapped series:	**Dayton silt loam**
Hydrologic Source:	**Precipitation, groundwater**

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
Salix sp.	**Willow**	***Deschampsia cespitosa***	**Tufted Hairgrass**
		Holcus lanatus	**Common Velvet Grass**
		Epilobium ciliatum	**Hairy Willow-Herb**
		Agrostis stolonifera	**Spreading Bentgrass**
		Centaurium umbellatum	**Common Centaury**
		Rumex crispus	**Curly Dock**
		Juncus tenuis	**Slender Rush**
		Phalaris arundinacea	**Reed Canary Grass**
		Dipsacus sylvestris	**Teasel**

Comments:

Palustrine emergent wet meadow located west of the airport water tower and access road. The wetland is bordered on three sides by adjacent drainage ditches. There is an upland fringe between the wetland and the ditches, except on the north end where there is a shallow swale that connects the wetland to the adjacent drainage. The ditch is perennial and partially vegetated with *Typha, Scirpus, Alisma, Salix,* etc. Zoned industrial.

Adjacent upland species: Rubus discolor, Crataegus monogyna, Cirsium arvense, Daucus carota, Cirsium vulgare, Hypericum perforatum, Aira caryophyllea

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

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**S-DRY-W-4**
Project Location:	Benton County	**Wetland Type(s):**	PEMf

Date(s) of field work:	9/6, 11/4, 11/6/2002	**Approx. Area (acres):**	125.02
Onsite Assessment?:	YES	**Investigator(s):**	SE/ME
Wetland Location:	North end of Corvallis Airport, west of 99W, south of Airport 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	**C**	Q-1		Q-1	**B**	Q-1	**B**	Q-1	**B**
Q-2	**C**	Q-2		Q-2	**A**	Q-2	**A**	Q-2	**B**
Q-3	**C**	Q-3		Q-3	**C**	Q-3	**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	**B**	Q-6	**C**
Q-7	**A**					Q-7	**B**		
Q-8	**C**								
Q-9A									
Q-9B	**C**								

Results:

Wildlife Habitat	Wetland provides habitat for some wildlife species
Fish Habitat	Fish habitat was not assessed for this wetland
Water Quality	Wetland's water-quality function is impacted or degraded
Hydrologic Control	Wetland's hydrologic control is impacted or degraded
Sensitivity to Impact	Wetland is potentially sensitive to future impacts

Function and Condition Assessment Answers

Enhancement Potential		Education		Recreation		Aesthetic Quality	
Q	**A**	**Q**	**A**	**Q**	**A**	**Q**	**A**
Q-1	**A**	Q-1	**C**	Q-1	**C**	Q-1	**C**
Q-2	**C**	Q-2	**C**	Q-2	**C**	Q-2	**C**
Q-3		Q-3	**B**	Q-3	**C**	Q-3	**C**
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:	Corvallis Natural Resource Inventory	**Wetland:**	**S-DRY-W-4**
Location:	Benton County	**Approx. Area (acres):**	125.02
Date:	9/6, 11/4, 11/6/2002	**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 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 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 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 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 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
	More than 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 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

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**S-DRY-W-4**
Project Location:	Benton County	**Approx. Area (acres):**	125.02
Date:	9/6, 11/4, 11/6/2002	**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 *diverse wildlife habitat*?		No
2 Is the wetland's *fish habitat function intact*?		No
3 Is the wetland's *water quality function intact*?		No
4 Is the wetland's *hydrologic control function intact*?		No
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list) and is the wetland's *water quality function intact, or impacted or degraded*?		No
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids and is the wetland's *fish habitat function intact, or impacted or degraded*?		No
Mandatory Locally Significant Wetland criteria satisfied ?		**No**

***Optional Locally Significant Wetland Criteria*: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function*.		No
2 Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses*?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Does not satisfy the criteria, Not a Locally Significant Wetland

Wetland Characterization Sheet

Project Name: Corvallis Natural Resource Inventory

		Wetland Code:	S-DRY-W-4
Date(s) of field work:	9/6, 11/4, 11/6/2002	Size (acres):	125.02
Data Sheet Numbers:	228, 231,233,236,238,241	Cowardin Class(es):	PEMf
Investigator(s):	SE/ME	HGM Class(es):	F

Location -- Legal:	T. 12S, R. 5W, S. 27
Other:	North end of Corvallis Airport, west of 99W, south of Airport Rd.
Tax Lots:	See accompanying table
Hydrologic basin:	Dry Creek
Soil -- Mapped series:	Dayton silt loam
Hydrologic Source:	Precipitation, groundwater

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
		Agricultural fields - mixed grass species.	

Comments:

Palustrine emergent wetland/wet meadow areas in agricultural fields located within and north of the airport. Fields are planted in grass seed or forage crops. Wetland areas are separated by access roadways to the airport. Culverts provide hydrologic connection under roads. Since soils are frequently tilled, but all hydric and vegetation is controlled, areas with evidence of hydrology were identified as wetland. Zoned industrial.

Adjacent upland species: Festuca arundinacea, Lolium perenne, Hypochaeris radicata, Daucus carota, Rubus discolor, Cirsium vulgare, Crataegus monogyna, Fragaria chiloensis, Agrostis tenuis

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

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**S-DRY-W-5**
Project Location:	Benton County	**Wetland Type(s):**	PEM, PSS

Date(s) of field work:	9/6/2002	**Approx. Area (acres):**	1.93
Onsite Assessment?:	YES	**Investigator(s):**	SE/ME
Wetland Location:	East side of Corvallis Airport, west of 99W, south of Airport Rd.		

Function and Condition Assessment Answers

Wildlife Habitat		Fish Habitat		Water Quality		Hydrologic Control		Sensitivity to Impact	
Q	**A**	**Q**	**A**	**Q**	**A**	**Q**	**A**	**Q**	**A**
Q-1	**A**	Q-1		Q-1	**B**	Q-1	**B**	Q-1	**A**
Q-2	**B**	Q-2		Q-2	**A**	Q-2	**A**	Q-2	**B**
Q-3	**C**	Q-3		Q-3	**B**	Q-3	**C**	Q-3	**C**
Q-4	**C**	Q-4		Q-4	**C**	Q-4	**A**	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	**B**		
Q-8	**C**								
Q-9A									
Q-9B	**C**								

Results:

Wildlife Habitat	Wetland provides habitat for some wildlife species
Fish Habitat	Fish habitat was not assessed for this wetland
Water Quality	Wetland's water-quality function is impacted or degraded
Hydrologic Control	Wetland's hydrologic control is impacted or degraded
Sensitivity to Impact	Wetland is potentially sensitive to future impacts

Function and Condition Assessment Answers

Enhancement Potential		Education		Recreation		Aesthetic Quality	
Q	**A**	**Q**	**A**	**Q**	**A**	**Q**	**A**
Q-1	**A**	Q-1	**C**	Q-1	**C**	Q-1	**A**
Q-2	**C**	Q-2	**B**	Q-2	**C**	Q-2	**A**
Q-3		Q-3	**B**	Q-3	**C**	Q-3	**C**
Q-4	**C**	Q-4	**C**	Q-4	**B**	Q-4	**B**
Q-5B	**C**	Q-5	**C**	Q-5	**B**	Q-5	**A**
Q-6	**B**	Q-6	**B**	Q-6	**B**	Q-6	**A**

Results:

Enhancement Potential	Wetland has moderate potential for enhancement
Education	Wetland site is not appropriate for educational use
Recreation	Wetland is not appropriate or does not provide rec. opportunities
Aesthetic Quality	Wetland is considered to be moderately pleasing

Oregon Freshwater Wetland Assessment Methodology
Functions and Conditions Summary Sheet

Project:	Corvallis Natural Resource Inventory	**Wetland:**	**S-DRY-W-5**
Location:	Benton County	**Approx. Area (acres):**	1.93
Date:	9/6/2002	**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 less than 10%
Result:	**Fish habitat was not assessed for this wetland**	
Rationale:		
Result:	**Wetland's water-quality function is impacted or degraded**	
Rationale:	Primary water source is precipitation	Isolated from other wetlands
	Wetland floods/ponds in growing season	Adjacent land is mostly developed
	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 & 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 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 less than 0.5 acres
	Primary water source is precipitation	Wetland buffer is less than 10%
	Water flow is permanently restricted	Potentially sensitive to future impacts
Result:	**Wetland site is not appropriate for educational use**	
Rationale:	No access allowed to wetland	No access point to wetland exists
	1 or 2 visible safety hazards	Wetland is not limited mobility accessible
	No access or observation of other habitats	
Result:	**Wetland is not appropriate or does not provide rec. opportunities**	
Rationale:	No access point to wetland exists	Wetland provides habitat for some wildlife
	No boat launching can be developed	No fishing is allowed
	No trails or viewing areas exist	No hunting is allowed
Result:	**Wetland is considered to be moderately pleasing**	
Rationale:	More than two Cowardin classes are 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

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**S-DRY-W-5**
Project Location:	Benton County	**Approx. Area (acres):**	1.93
Date:	9/6/2002	**Wetland Types(s):**	PEM, PSS

***Exclusions*: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

***Mandatory Locally Significant Wetland Criteria* : This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat*?		No
2 Is the wetland's *fish habitat function intact* ?		No
3 Is the wetland's *water quality function intact* ?		No
4 Is the wetland's *hydrologic control function intact* ?		No
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list)and is the wetland's *water quality function intact, or impacted or degraded*?		No
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonidsand is the wetland's *fish habitat function intact, or impacted or degraded* ?		No
Mandatory Locally Significant Wetland criteria satisfied ?		**No**

***Optional Locally Significant Wetland Criteria* : local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant communityand provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function* .		No
2 Is the wetland publicly owned and used by a school or organizationand does the wetland provide *educational uses* ?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Does not satisfy the criteria, Not a Locally Significant Wetland

Wetland Characterization Sheet

Project Name: Corvallis Natural Resource Inventory

		Wetland Code:	S-DRY-W-5
Date(s) of field work:	9/6/2002	Size (acres):	1.93
Data Sheet Numbers:	62	Cowardin Class(es):	PEM, PSS
Investigator(s):	SE/ME	HGM Class(es):	DCNP, F

Location -- Legal:	T. 12S, R. 5W, S. 27
Other:	East side of Corvallis Airport, west of 99W, south of Airport Rd.
Tax Lots:	See accompanying table
Hydrologic basin:	Dry Creek
Soil -- Mapped series:	Dayton silt loam
Hydrologic Source:	Precipitation, groundwater

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
Salix piperi	Piper's Willow	*Phalaris arundinacea*	Reed Canary Grass
		Lemna minor	Lesser Duckweed
		Dipsacus sylvestris	Teasel

Comments:

Palustrine emergent and scrub/shrub wetland depression surrounded by agricultural fields. Evidence of ponding but dry at the time of site visit. Located on the north end of the airport between the eastern access road and the railroad tracks. There are piles of fill material located west of the wetland. Zoned industrial.

Adjacent upland species: Festuca arundinacea, Lolium perenne, Hypochaeris radicata, Daucus carota, Rubus discolor, Cirsium vulgare, Triticum aestivum

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

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**S-DRY-W-6**
Project Location:	Benton County	**Wetland Type(s):**	PFO, PEM

Date(s) of field work:	N/A	**Approx. Area (acres):**	3.57
Onsite Assessment?:	NO	**Investigator(s):**	ME
Wetland Location:	East of Hwy. 99, west of Booneville Channel		

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	**B**	Q-2	**A**	Q-2	**A**	Q-2	**B**
Q-3	**B**	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	**B**
Q-5	**A**	Q-5	**B**	Q-5	**B**	Q-5	**A**	Q-5	**A**
Q-6	**A**	Q-6	**B**	Q-6	**C**	Q-6	**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	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	**B**
Q-3	**A**	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 considered to be moderately pleasing

Oregon Freshwater Wetland Assessment Methodology
Functions and Conditions Summary Sheet

Project:	Corvallis Natural Resource Inventory	**Wetland:**	**S-DRY-W-6**
Location:	Benton County	**Approx. Area (acres):**	3.57
Date:	N/A	**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 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
	Only portions of stream are modified	Adjacent land use is primarily agriculture
	<10% of stream has instream structures	Warmwater fish present in stream
Result:	**Wetland's water-quality function is intact**	
Rationale:	Primary water source is surface flow	Wetland is more than 5 acres in size
	Wetland floods/ponds in growing season	Adjacent land use is primarily agriculture
	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	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	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 less than 10%
	Flow into wetland is not restricted	Potentially sensitive to future impacts
Result:	**Wetland site is not appropriate for educational use**	
Rationale:	No access allowed to wetland	No access point to wetland exists
	No visible hazards to public	Wetland is not limited mobility accessible
	No access or observation of other habitats	
Result:	**Wetland is not appropriate or does not provide rec. opportunities**	
Rationale:	No access point to wetland exists	Wetland provides habitat for some wildlife
	No boat launching can be developed	No fishing is allowed
	No trails or viewing areas exist	No hunting is allowed
Result:	**Wetland is considered to be moderately pleasing**	
Rationale:	Two Cowardin classes visible	Wetland surrounded by 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

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**S-DRY-W-6**
Project Location:	Benton County	**Approx. Area (acres):**	3.57
Date:	N/A	**Wetland Types(s):**	PFO, PEM

***Exclusions*: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

***Mandatory Locally Significant Wetland Criteria*: This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat*?		No
2 Is the wetland's *fish habitat function intact* ?		No
3 Is the wetland's *water quality function intact*?	Yes	
4 Is the wetland's *hydrologic control function intact* ?	Yes	
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list)and is the wetland's *water quality function intact, or impacted or degraded*?		No
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonidsand is the wetland's *fish habitat function intact, or impacted or degraded* ?		No
Mandatory Locally Significant Wetland criteria satisfied ?	**Yes**	

***Optional Locally Significant Wetland Criteria*: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant communityand provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function* .		No
2 Is the wetland publicly owned and used by a school or organizationand does the wetland provide *educational uses* ?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Locally Significant Wetland

Wetland Characterization Sheet

Project Name: Corvallis Natural Resource Inventory

		Wetland Code:	**S-DRY-W-6**
Date(s) of field work:	**N/A**	Size (acres):	**3.57**
Data Sheet Numbers:	**OFF-SITE**	Cowardin Class(es):	**PFO, PEM**
Investigator(s):	**ME**	HGM Class(es):	**RI, RFT**

Location -- Legal:	**T. 12S, R. 5W, S. 27**
Other:	**East of Hwy. 99, west of Booneville Channel**
Tax Lots:	**See accompanying table**
Hydrologic basin:	**DRY CREEK**
Soil -- Mapped series:	**Coburg silty clay loam**
Hydrologic Source:	**Surface flow, precipitation**

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
Fraxinus latifolia	**Oregon Ash**		

Comments: ~~Significant~~ DL **Locally Significant Wetland**

OFF-SITE - The wetland includes Dry Creek which has two connections to the West Fork of the Bonneville Slough. The area is predominately a forested wetland (95%) which goes through an agricultural area. Zoned residential. The wetland was not accessible and the forest understory vegetation could not be identified.

Adjacent upland species: Pseudotsuga menziesii, Agricultural grasses and forbs

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

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**S-DRY-W-7**
Project Location:	Benton County	**Wetland Type(s):**	PEMf

Date(s) of field work:	9/17/2002	**Approx. Area (acres):**	2.98
Onsite Assessment?:	No	**Investigator(s):**	CR/LW
Wetland Location:	West of HWY 99W, North of SW Airport Avenue		

Function and Condition Assessment Answers

Wildlife Habitat		Fish Habitat		Water Quality		Hydrologic Control		Sensitivity to Impact	
Q	**A**	**Q**	**A**	**Q**	**A**	**Q**	**A**	**Q**	**A**
Q-1	**C**	Q-1		Q-1	**B**	Q-1	**B**	Q-1	**A**
Q-2	**C**	Q-2		Q-2	**A**	Q-2	**A**	Q-2	**B**
Q-3	**C**	Q-3		Q-3	**C**	Q-3	**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	**A**	Q-6	**C**
Q-7	**A**					Q-7	**B**		
Q-8	**B**								
Q-9A									
Q-9B	**B**								

Results:

Wildlife Habitat	Wetland provides habitat for some wildlife species
Fish Habitat	Fish habitat was not assessed for this wetland
Water Quality	Wetland's water-quality function is impacted or degraded
Hydrologic Control	Wetland's hydrologic control is impacted or degraded
Sensitivity to Impact	Wetland is potentially sensitive to future impacts

Function and Condition Assessment Answers

Enhancement Potential		Education		Recreation		Aesthetic Quality	
Q	**A**	**Q**	**A**	**Q**	**A**	**Q**	**A**
Q-1	**A**	Q-1	**C**	Q-1	**C**	Q-1	**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	**B**	Q-4	**B**	Q-4	**B**
Q-5B	**B**	Q-5	**C**	Q-5	**B**	Q-5	**A**
Q-6	**B**	Q-6	**B**	Q-6	**B**	Q-6	**A**

Results:

Enhancement Potential	Wetland has high enhancement potential
Education	Wetland site is not appropriate for educational use
Recreation	Wetland is not appropriate or does not provide rec. opportunities
Aesthetic Quality	Wetland is considered to be pleasing

Oregon Freshwater Wetland Assessment Methodology
Functions and Conditions Summary Sheet

Project:	Corvallis Natural Resource Inventory	**Wetland:**	**S-DRY-W-7**
Location:	Benton County	**Approx. Area (acres):**	2.98
Date:	9/17/2002	**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 between 10% and 40%
Result:	**Fish habitat was not assessed for this wetland**	
Rationale:		
Result:	**Wetland's water-quality function is impacted or degraded**	
Rationale:	Primary water source is precipitation	Surface water connection to other wetlands
	Wetland floods/ponds in growing season	Adjacent land use is primarily agriculture
	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 not taken out	Adjacent zoning is primarily development
	No adjacent Water Quality Limited streams	Herbaceous vegetation, no ponding
Result:	**Wetland has high enhancement potential**	
Rationale:	Wetland functions are impacted or degraded	Wetland is between 0.5 and 5 acres
	Primary water source is precipitation	Wetland buffer is between 10% and 40%
	Water flow is permanently restricted	Potentially sensitive to future impacts
Result:	**Wetland site is not appropriate for educational use**	
Rationale:	No access allowed to wetland	No access point to wetland exists
	No visible hazards to public	Wetland is not limited mobility accessible
	Other habitats can be observed not accessed	
Result:	**Wetland is not appropriate or does not provide rec. opportunities**	
Rationale:	No access point to wetland exists	Wetland provides habitat for some wildlife
	No boat launching can be developed	No fishing is allowed
	No trails or viewing areas exist	No hunting is allowed
Result:	**Wetland is considered to be pleasing**	
Rationale:	Two Cowardin classes visible	Wetland surrounded by landscaped areas
	>50% of wetland can be seen	Natural odors present at wetland
	No visual detractors are present	Some traffic and natural noises are present

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**S-DRY-W-7**
Project Location:	Benton County	**Approx. Area (acres):**	2.98
Date:	9/17/2002	**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 *diverse wildlife habitat*?		No
2 Is the wetland's *fish habitat function intact*?		No
3 Is the wetland's *water quality function intact*?		No
4 Is the wetland's *hydrologic control function intact*?		No
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list) and is the wetland's *water quality function intact, or impacted or degraded*?		No
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids and is the wetland's *fish habitat function intact, or impacted or degraded*?		No
Mandatory Locally Significant Wetland criteria satisfied ?		**No**

***Optional Locally Significant Wetland Criteria*: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function*.		No
2 Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses*?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Does not satisfy the criteria, Not a Locally Significant Wetland

Wetland Characterization Sheet

Project Name: Corvallis Natural Resource Inventory

		Wetland Code:	S-DRY-W-7
Date(s) of field work:	9/17/2002	Size (acres):	2.98
Data Sheet Numbers:	OFF-SITE	Cowardin Class(es):	PEMf
Investigator(s):	CR/LW	HGM Class(es):	F

Location -- Legal:	**T12S, R5W, Sec. 22, 23**
Other:	**West of HWY 99W, North of SW Airport Avenue**
Tax Lots:	**See accompanying table**
Hydrologic basin:	**DRY CREEK**
Soil -- Mapped series:	**Dayton silt loam**
Hydrologic Source:	**Precipitation**

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	

Comments:

OFF-SITE. Composed of recently tilled agricultural fields without vegetation and mowed pasture. May be subject to seasonal ponding in some areas. Primary source of hydrology appears to be precipitation. Zoned industrial.

Adjacent upland vegetation: *Festuca arundinacea, Hypochaeris radicata* .

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

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**S-DRY-W-8**
Project Location:	Benton County	**Wetland Type(s):**	PEMf

Date(s) of field work:	9/18/2002	**Approx. Area (acres):**	3.12
Onsite Assessment?:	Yes	**Investigator(s):**	ME/SE
Wetland Location:	th and south of Standish Avenue, east of Hwy. 99, west of Booneville Cha		

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	**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	**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	**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	**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	**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:	Corvallis Natural Resource Inventory	**Wetland:**	**S-DRY-W-8**
Location:	Benton County	**Approx. Area (acres):**	3.12
Date:	9/18/2002	**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 greater than 40%
Result:	**Fish habitat was not assessed for this wetland**	
Rationale:		
Result:	**Wetland's water-quality function is impacted or degraded**	
Rationale:	Primary water source is precipitation	Surface water connection to other wetlands
	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	Herbaceous vegetation, no ponding
	Can't determine if wetland floods or ponds	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 precipitation	Wetland buffer is greater than 40%
	Water flow is permanently restricted	Potentially sensitive to future impacts
Result:	**Wetland site is not appropriate for educational use**	
Rationale:	No access allowed to wetland	No access point to wetland exists
	No visible hazards to public	Wetland is not limited mobility accessible
	No access or observation of other habitats	
Result:	**Wetland is not appropriate or does not provide rec. opportunities**	
Rationale:	No access point to wetland exists	Wetland provides habitat for some wildlife
	No boat launching can be developed	No fishing is allowed
	No trails or viewing areas exist	No hunting is allowed
Result:	**Wetland is 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

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**S-DRY-W-8**
Project Location:	Benton County	**Approx. Area (acres):**	3.12
Date:	9/18/2002	**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 *diverse wildlife habitat*?		No
2 Is the wetland's *fish habitat function intact*?		No
3 Is the wetland's *water quality function intact*?		No
4 Is the wetland's *hydrologic control function intact*?		No
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list) and is the wetland's *water quality function intact, or impacted or degraded*?		No
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids and is the wetland's *fish habitat function intact, or impacted or degraded*?		No
Mandatory Locally Significant Wetland criteria satisfied ?		**No**

***Optional Locally Significant Wetland Criteria*: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function*.		No
2 Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses*?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Does not satisfy the criteria, Not a Locally Significant Wetland

Wetland Characterization Sheet

Project Name: Corvallis Natural Resource Inventory

		Wetland Code:	**S-DRY-W-8**
Date(s) of field work:	**9/18/2002**	Size (acres):	**3.12**
Data Sheet Numbers:	**32, 35**	Cowardin Class(es):	**PEMf**
Investigator(s):	**ME/SE**	HGM Class(es):	**S/F**

Location -- Legal:	**T. 12S, R. 5W, S. 23**
Other:	**North and south of Standish Avenue, east of Hwy. 99, west of Booneville Channel**
Tax Lots:	**See accompanying table**
Hydrologic basin:	**DRY CREEK**
Soil -- Mapped series:	**Dayton silt loam**
Hydrologic Source:	**Precipitation**

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
		Agrostis tenuis	**Colonial Bentgrass**
		Alopecurus pratensis	**Meadow Foxtail**
		Rumex obtusifolius	**Bitter Dock**

Comments:

Grazed wet meadow located east of Highway 99, near Airport . Isolated depression with no apparent connection to other wetlands. Zoned residential.

Adjacent upland species: Dactylis glomerata, Hypochaeris radicata, Festuca arundinacea, Chrysanthemum leucanthemum, Cirsium vulgare, Trifolium pratense

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

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**S-GOO-W-1**
Project Location:	Benton County	**Wetland Type(s):**	PEM

Date(s) of field work:	9/27/2002	**Approx. Area (acres):**	5.89
Onsite Assessment?:	NO	**Investigator(s):**	CR/FS
Wetland Location:	BUTTERFIELD, east of HWY 99W, north of Rivergreen 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	**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	**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	**B**	Q-1	**C**	Q-1	**A**	Q-1	**B**
Q-2	**C**	Q-2	**A**	Q-2	**C**	Q-2	**B**
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	**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 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 moderately pleasing

Oregon Freshwater Wetland Assessment Methodology
Functions and Conditions Summary Sheet

Project:	Corvallis Natural Resource Inventory	**Wetland:**	**S-GOO-W-1**
Location:	Benton County	**Approx. Area (acres):**	5.89
Date:	9/27/2002	**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 intact**	
Rationale:	Primary water source is precipitation	Surface water connection to other wetlands
	Wetland floods/ponds in growing season	Adjacent land is mostly developed
	High wetland vegetation cover	No adjacent Water Quality Limited streams
Result:	**Wetland's hydrologic control function is intact**	
Rationale:	Wetland is not within 100 year floodplain	Herbaceous vegetation, no ponding
	Wetland floods/ponds in growing season	Development downslope of wetland
	Flow out of wetland is restricted	Development upslope of wetland
Result:	**Wetland is potentially sensitive to future impacts**	
Rationale:	Stream 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:	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 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 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	Continuous traffic and natural noises occur

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**S-GOO-W-1**
Project Location:	Benton County	**Approx. Area (acres):**	5.89
Date:	9/27/2002	**Wetland Types(s):**	PEM

***Exclusions*: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

***Mandatory Locally Significant Wetland Criteria*: This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat*?		No
2 Is the wetland's *fish habitat function intact*?		No
3 Is the wetland's *water quality function intact*?	Yes	
4 Is the wetland's *hydrologic control function intact*?	Yes	
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list) and is the wetland's *water quality function intact, or impacted or degraded*?		No
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids and is the wetland's *fish habitat function intact, or impacted or degraded*?		No
Mandatory Locally Significant Wetland criteria satisfied ?	**Yes**	

***Optional Locally Significant Wetland Criteria*: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function*.		No
2 Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses*?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Locally Significant Wetland

Wetland Characterization Sheet

Project Name: Corvallis Natural Resource Inventory

		Wetland Code:	S-GOO-W-1
Date(s) of field work:	9/27/2002	Size (acres):	5.89
Data Sheet Numbers:	OFF-SITE	Cowardin Class(es):	PEM
Investigator(s):	CR/FS	HGM Class(es):	F, DCP, DO

Location -- Legal:	**T12S, R5W, Sec. 11, 14**
Other:	**BUTTERFIELD, east of HWY 99W, north of Rivergreen Avenue**
Tax Lots:	**See accompanying table**
Hydrologic basin:	**GOODNIGHT**
Soil -- Mapped series:	**Dayton silt loam**
Hydrologic Source:	**Precipitation**

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
Populus trichocarpa	Black Cottonwood	*Typha latifolia*	Common Cattail
Salix piperi	Piper's Willow	*Eleocharis palustris*	Common Spikerush
Spiraea douglasii	Douglas' Spiraea	*Juncus effusus*	Soft Rush
		Echinochloa crusgalli	Large Barnyard Grass
		Agrostis tenuis	Colonial Bentgrass

Comments: **Locally Significant Wetland**

OFF-SITE. Butterfield mitigation wetland, located within a residential development. Zoned open space-conservation. Areas of ponding evident. Primary source of hydrology appears to be precipitation. Composed of PSS and PEM wetland. DSL WD # 93-305.

Adjacent upland species: *Festuca arundinacea, Hypochaeris radicata*.

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

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**S-GOO-W-2**
Project Location:	Benton County	**Wetland Type(s):**	PEMf

Date(s) of field work:	9/18/02, 9/27/2002	**Approx. Area (acres):**	52.68
Onsite Assessment?:	Partial	**Investigator(s):**	CR/FS/ME/SE
Wetland Location:	N. of SE Kiger Island Dr., S. of Rivergreen Ave., E. of HWY 99W		

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	**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	**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	**A**								

Results:

Wildlife Habitat	Wetland provides habitat for some wildlife species
Fish Habitat	Fish habitat was not assessed for this wetland
Water Quality	Wetland's water-quality function is impacted or degraded
Hydrologic Control	Wetland's hydrologic control is impacted or degraded
Sensitivity to Impact	Wetland is potentially sensitive to future impacts

Function and Condition Assessment Answers

Enhancement Potential		Education		Recreation		Aesthetic Quality	
Q	**A**	**Q**	**A**	**Q**	**A**	**Q**	**A**
Q-1	**A**	Q-1	**C**	Q-1	**C**	Q-1	**C**
Q-2	**C**	Q-2	**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	**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:	Corvallis Natural Resource Inventory	**Wetland:**	**S-GOO-W-2**
Location:	Benton County	**Approx. Area (acres):**	52.68
Date:	9/18/02, 9/27/2002	**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 greater than 40%
Result:	**Fish habitat was not assessed for this wetland**	
Rationale:		
Result:	**Wetland's water-quality function is impacted or degraded**	
Rationale:	Primary water source is precipitation	Wetland is more than 5 acres in size
	Wetland floods/ponds in growing season	Adjacent land use is primarily agriculture
	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 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%
	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 development
	25 - 50% of wetland can be seen	Natural odors present at wetland
	No visual detractors are present	Continuous traffic and natural noises occur

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**S-GOO-W-2**
Project Location:	Benton County	**Approx. Area (acres):**	52.68
Date:	9/18/02, 9/27/2002	**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 *diverse wildlife habitat*?		No
2 Is the wetland's *fish habitat function intact*?		No
3 Is the wetland's *water quality function intact*?		No
4 Is the wetland's *hydrologic control function intact*?		No
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list) and is the wetland's *water quality function intact, or impacted or degraded*?	Yes	
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids and is the wetland's *fish habitat function intact, or impacted or degraded*?		No
Mandatory Locally Significant Wetland criteria satisfied ?	**Yes**	

***Optional Locally Significant Wetland Criteria*: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function*.		No
2 Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses*?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Locally Significant Wetland

Wetland Characterization Sheet

Project Name: Corvallis Natural Resource Inventory

		Wetland Code:	S-GOO-W-2
Date(s) of field work:	9/18/02, 9/27/2002	Size (acres):	52.68
Data Sheet Numbers:	219, 220, 221	Cowardin Class(es):	PEMf
Investigator(s):	CR/FS/ME/SE	HGM Class(es):	F

Location -- Legal:	T12S, R5W, Sec. 14
Other:	N. of SE Kiger Island Dr., S. of Rivergreen Ave., E. of HWY 99W
Tax Lots:	See accompanying table
Hydrologic basin:	GOODNIGHT
Soil -- Mapped series:	Amity silt loam, Dayton silt loam, Woodburn silt loam, 0-3% slopes
Hydrologic Source:	Precipitation

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
Crataegus douglasii	Douglas' Hawthorn	*Polygonum sp.*	Knotweed
Salix sp.	willow	*Holcus lanatus*	Common Velvet Grass
		Festuca arundinacea	Tall Fescue
		Alopecurus pratensis	Meadow Foxtail
		Agrostis tenuis	Colonial Bentgrass
		Beckmannia syzigachne	American Sloughgrass

Comments: **Locally Significant Wetland**

PARTIAL OFF-SITE. Majority of wetland is farmed (93%) with loosely-cropped and recently tilled agricultural fields. Obvious areas of seasonal ponding within the cropped field. Zoned residential.

Adjacent upland species: *Festuca arundinacea, Lolium sp* ., Madia glomerata, Centaurium umbellatum

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

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**S-GOO-W-3**
Project Location:	Benton County	**Wetland Type(s):**	PEM

Date(s) of field work:	N/A	**Approx. Area (acres):**	1.27
Onsite Assessment?:	OFF-SITE	**Investigator(s):**	ME
Wetland Location:	North of Rivergreen Avenue, West of Hathoway 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		Q-1	**B**	Q-1	**B**	Q-1	**A**
Q-2	**B**	Q-2		Q-2	**B**	Q-2	**B**	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	**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 impacted or degraded
Hydrologic Control	Wetland's hydrologic control is impacted or degraded
Sensitivity to Impact	Wetland is potentially sensitive to future impacts

Function and Condition Assessment Answers

Enhancement Potential		Education		Recreation		Aesthetic Quality	
Q	**A**	**Q**	**A**	**Q**	**A**	**Q**	**A**
Q-1	**A**	Q-1	**C**	Q-1	**A**	Q-1	**C**
Q-2	**C**	Q-2	**A**	Q-2	**C**	Q-2	**A**
Q-3		Q-3	**B**	Q-3	**C**	Q-3	**C**
Q-4	**B**	Q-4	**B**	Q-4	**B**	Q-4	**C**
Q-5B	**B**	Q-5	**A**	Q-5	**B**	Q-5	**A**
Q-6	**B**	Q-6	**A**	Q-6	**B**	Q-6	**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:	Corvallis Natural Resource Inventory	**Wetland:**	**S-GOO-W-3**
Location:	Benton County	**Approx. Area (acres):**	1.27
Date:	N/A	**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 impacted or degraded**	
Rationale:	Primary water source is precipitation	Surface water connection to other wetlands
	Can't determine if wetland floods or ponds	Adjacent land is mostly developed
	Moderate vegetation cover	No adjacent Water Quality Limited streams
Result:	**Wetland's hydrologic control is impacted or degraded**	
Rationale:	Wetland is not within 100 year floodplain	Herbaceous vegetation & 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 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%
	Water flow is permanently restricted	Potentially sensitive to future impacts
Result:	**Wetland site is not appropriate for educational use**	
Rationale:	No access allowed to wetland	Maintained public access within 250 feet
	No visible hazards to public	Wetland is limited mobility accessible
	Other habitats can be observed not accessed	
Result:	**Wetland has the potential to provide recreational activities**	
Rationale:	Maintained public access within 250 feet	Wetland provides habitat for some wildlife
	No boat launching can be developed	No fishing is allowed
	No trails or viewing areas exist	No hunting is allowed
Result:	**Wetland is not aesthetically pleasing**	
Rationale:	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	Continuous traffic and natural noises occur

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**S-GOO-W-3**
Project Location:	Benton County	**Approx. Area (acres):**	1.27
Date:	N/A	**Wetland Types(s):**	PEM

***Exclusions*: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

***Mandatory Locally Significant Wetland Criteria*: This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat*?		No
2 Is the wetland's *fish habitat function intact*?		No
3 Is the wetland's *water quality function intact*?		No
4 Is the wetland's *hydrologic control function intact*?		No
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list) and is the wetland's *water quality function intact, or impacted or degraded*?		No
6 Does the wetland contain a rare plant community?	No	No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids and is the wetland's *fish habitat function intact, or impacted or degraded*?		No
Mandatory Locally Significant Wetland criteria satisfied ?		**No**

***Optional Locally Significant Wetland Criteria*: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function* .		No
2 Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses*?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Does not satisfy the criteria, Not a Locally Significant Wetland

Wetland Characterization Sheet

Project Name: Corvallis Natural Resource Inventory

		Wetland Code:	S-GOO-W-3
Date(s) of field work:	N/A	Size (acres):	1.27
Data Sheet Numbers:	OFF-SITE	Cowardin Class(es):	PEM
Investigator(s):	ME	HGM Class(es):	F

Location -- Legal:	**T12S, R5W, Sec. 11, 14**
Other:	**North of Rivergreen Avenue, West of Hathoway Drive**
Tax Lots:	**See accompanying table**
Hydrologic basin:	**GOODNIGHT**
Soil -- Mapped series:	**Dayton silt loam**
Hydrologic Source:	**Precipitation**

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
		Agrostis tenuis	Colonial Bentgrass
		Holcus lanatus	Common Velvet Grass

Comments:

OFF-SITE. Wetland is located between residential development and road. Primary source of hydrology appears to be precipitation and runoff from adjacent impervious surfaces. Area zoned as residential.

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

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

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**S-GOO-W-4**
Project Location:	Benton County	**Wetland Type(s):**	PSS,PEM

Date(s) of field work:	9/19/2002	**Approx. Area (acres):**	2.35
Onsite Assessment?:	Yes	**Investigator(s):**	FS/ME
Wetland Location:	East of Hwy. 99, south of Park and north of Goodnight 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	**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	**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 is impacted or degraded
Sensitivity to Impact	Wetland is potentially sensitive to future impacts

Function and Condition Assessment Answers

Enhancement Potential		Education		Recreation		Aesthetic Quality	
Q	**A**	**Q**	**A**	**Q**	**A**	**Q**	**A**
Q-1	**A**	Q-1	**C**	Q-1	**C**	Q-1	**B**
Q-2	**C**	Q-2	**A**	Q-2	**C**	Q-2	**C**
Q-3		Q-3	**B**	Q-3	**C**	Q-3	**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:	Corvallis Natural Resource Inventory	**Wetland:**	**S-GOO-W-4**
Location:	Benton County	**Approx. Area (acres):**	2.35
Date:	9/19/2002	**Wetland Types(s):**	PSS,PEM

Result:	**Wetland provides habitat for some wildlife species**	
Rationale:	More than one Cowardin class	No adjacent Water Quality limited streams
	Herbaceous vegetation, no ponding	Adjacent land is mostly developed
	Less than 0.5 acres of open water	Wetland buffer is 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 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
	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 precipitation	Wetland buffer is greater than 40%
	Water flow is permanently restricted	Potentially sensitive to future impacts
Result:	**Wetland site is not appropriate for educational use**	
Rationale:	No access allowed to wetland	No access point to wetland exists
	No visible hazards to public	Wetland is not limited mobility accessible
	No access or observation of other habitats	
Result:	**Wetland is not appropriate or does not provide rec. opportunities**	
Rationale:	No access point to wetland exists	Wetland provides habitat for some wildlife
	No boat launching can be developed	No fishing is allowed
	No trails or viewing areas exist	No hunting is allowed
Result:	**Wetland is 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:	Corvallis Natural Resource Inventory	**Wetland:**	**S-GOO-W-4**
Project Location:	Benton County	**Approx. Area (acres):**	2.35
Date:	9/19/2002	**Wetland Types(s):**	PSS,PEM

***Exclusions*: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

***Mandatory Locally Significant Wetland Criteria*: This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat*?		No
2 Is the wetland's *fish habitat function intact*?		No
3 Is the wetland's *water quality function intact*?		No
4 Is the wetland's *hydrologic control function intact*?		No
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list)and is the wetland's *water quality function intact, or impacted or degraded*?		No
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonidsand is the wetland's *fish habitat function intact, or impacted or degraded*?		No
Mandatory Locally Significant Wetland criteria satisfied ?		**No**

***Optional Locally Significant Wetland Criteria*: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant communityand provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function*.		No
2 Is the wetland publicly owned and used by a school or organizationand does the wetland provide *educational uses*?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Does not satisfy the criteria, Not a Locally Significant Wetland

Wetland Characterization Sheet

Project Name: Corvallis Natural Resource Inventory

		Wetland Code:	S-GOO-W-4
Date(s) of field work:	9/19/2002	Size (acres):	2.35
Data Sheet Numbers:	None	Cowardin Class(es):	PSS,PEM
Investigator(s):	FS/ME	HGM Class(es):	F

Location -- Legal:	T. 12S, R. 5W, S. 11
Other:	East of Hwy. 99, south of Park and north of Goodnight Avenue
Tax Lots:	See accompanying table
Hydrologic basin:	GOODNIGHT
Soil -- Mapped series:	Dayton silt loam
Hydrologic Source:	Preciptiation

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
Crataegus douglasii	Douglas' Hawthorn	*Agrostis tenuis*	Colonial Bentgrass
		Holcus lanatus	Common Velvet Grass
		Rumex crispus	Curly Dock
		Alopecurus pratensis	Meadow Foxtail
		Mentha arvensis	Field Mint
		Camassia quamash	Common Camas

Comments:

Offsite - Wetland is located west of Willamette Park, north of Goodnight Avenue. The wetland is a depressional area with palustrine scrub-shrub (15%) and emergent (85%) communities.

Adjacent upland species: Crataegus monogyna, Rubus discolor, Rhus diversiloba, Festuca arundinacea

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

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**S-GOO-W-5**
Project Location:	Benton County	**Wetland Type(s):**	PSS,PEM

Date(s) of field work:	9/19/2002	**Approx. Area (acres):**	2.67
Onsite Assessment?:	NO	**Investigator(s):**	FS/ME
Wetland Location:	North of Park, south of Richland, east of Hwy. 99		

Function and Condition Assessment Answers

Wildlife Habitat		Fish Habitat		Water Quality		Hydrologic Control		Sensitivity to Impact	
Q	**A**	**Q**	**A**	**Q**	**A**	**Q**	**A**	**Q**	**A**
Q-1	**A**	Q-1		Q-1	**B**	Q-1	**B**	Q-1	**A**
Q-2	**C**	Q-2		Q-2	**B**	Q-2	**B**	Q-2	**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	**B**	Q-6		Q-6	**C**	Q-6	**A**	Q-6	**C**
Q-7	**A**					Q-7	**A**		
Q-8	**C**								
Q-9A									
Q-9B	**C**								

Results:

Wildlife Habitat	Wetland provides habitat for some wildlife species
Fish Habitat	Fish habitat was not assessed for this wetland
Water Quality	Wetland's water-quality function is impacted or degraded
Hydrologic Control	Wetland's hydrologic control is impacted or degraded
Sensitivity to Impact	Wetland is potentially sensitive to future impacts

Function and Condition Assessment Answers

Enhancement Potential		Education		Recreation		Aesthetic Quality	
Q	**A**	**Q**	**A**	**Q**	**A**	**Q**	**A**
Q-1	**A**	Q-1	**C**	Q-1	**C**	Q-1	**B**
Q-2	**C**	Q-2	**A**	Q-2	**C**	Q-2	**B**
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	**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:	Corvallis Natural Resource Inventory	**Wetland:**	**S-GOO-W-5**
Location:	Benton County	**Approx. Area (acres):**	2.67
Date:	9/19/2002	**Wetland Types(s):**	PSS,PEM

Result:	**Wetland provides habitat for some wildlife species**	
Rationale:	More than one Cowardin class	No adjacent Water Quality limited streams
	Herbaceous vegetation, no ponding	Adjacent land is mostly developed
	Less than 0.5 acres of open water	Wetland buffer is less than 10%
Result:	**Fish habitat was not assessed for this wetland**	
Rationale:		
Result:	**Wetland's water-quality function is impacted or degraded**	
Rationale:	Primary water source is precipitation	Surface water connection to other wetlands
	Can't determine if wetland floods or ponds	Adjacent land is mostly developed
	High wetland vegetation cover	No adjacent Water Quality Limited streams
Result:	**Wetland's hydrologic control is impacted or degraded**	
Rationale:	Wetland is not within 100 year floodplain	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 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
	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 moderately pleasing**	
Rationale:	Two Cowardin classes visible	Wetland surrounded by landscaped areas
	25 - 50% of wetland can be seen	Natural odors present at wetland
	Visual detractors present, can't be removed	Some traffic and natural noises are present

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**S-GOO-W-5**
Project Location:	Benton County	**Approx. Area (acres):**	2.67
Date:	9/19/2002	**Wetland Types(s):**	PSS,PEM

***Exclusions*: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

***Mandatory Locally Significant Wetland Criteria* : This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat*?		No
2 Is the wetland's *fish habitat function intact*?		No
3 Is the wetland's *water quality function intact*?		No
4 Is the wetland's *hydrologic control function intact*?		No
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list)and is the wetland's *water quality function intact, or impacted or degraded*?		No
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonidsand is the wetland's *fish habitat function intact, or impacted or degraded*?		No
Mandatory Locally Significant Wetland criteria satisfied ?		**No**

***Optional Locally Significant Wetland Criteria* : local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant communityand provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function* .		No
2 Is the wetland publicly owned and used by a school or organizationand does the wetland provide *educational uses*?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Does not satisfy the criteria, Not a Locally Significant Wetland

Wetland Characterization Sheet

Project Name: Corvallis Natural Resource Inventory

		Wetland Code:	S-GOO-W-5
Date(s) of field work:	9/19/2002	Size (acres):	2.67
Data Sheet Numbers:	OFF-SITE	Cowardin Class(es):	PSS,PEM
Investigator(s):	FS/ME	HGM Class(es):	F

Location -- Legal:	**T. 12S, R. 5W, S. 11**
Other:	**North of Park, south of Richland, east of Hwy. 99**
Tax Lots:	**See accompanying table**
Hydrologic basin:	**GOODNIGHT**
Soil -- Mapped series:	**Dayton silt loam**
Hydrologic Source:	**Precipitation**

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
Crataegus douglasii	Douglas' Hawthorn	*Mowed grasses*	

Comments:

Offsite - Potential wetland located south of Powell Avenue, north of Bell Avenue, and west of Thompson Street. The area is a mowed and maintained field associated with an adjacent school with palustrine emergent (90%) and scrub-shrub (10%) communities. DSL WD # 96-0396.

Adjacent upland species: Daucus carota, Crataegus monogyna, Festuca arundinacea

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

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**S-GOO-W-6**
Project Location:	Benton County	**Wetland Type(s):**	PFO,PSS,PEM

Date(s) of field work:	5/7/2002	**Approx. Area (acres):**	2.12
Onsite Assessment?:	YES	**Investigator(s):**	LW
Wetland Location:	Willamette Park, south of Marys 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		Q-1	**A**	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	**B**	Q-3	**A**
Q-4	**C**	Q-4		Q-4	**B**	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	**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 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	**B**
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	**C**	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:	Corvallis Natural Resource Inventory	**Wetland:**	**S-GOO-W-6**
Location:	Benton County	**Approx. Area (acres):**	2.12
Date:	5/7/2002	**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 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	Surface water connection to other wetlands
	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 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	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:	More than two Cowardin classes are visible	Wetland surrounded by natural areas
	25 - 50% of wetland can be seen	Natural odors present at wetland
	No visual detractors are present	Some traffic and natural noises are present

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**S-GOO-W-6**
Project Location:	Benton County	**Approx. Area (acres):**	2.12
Date:	5/7/2002	**Wetland Types(s):**	PFO,PSS,PEM

***Exclusions*: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

***Mandatory Locally Significant Wetland Criteria* : This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat*?		No
2 Is the wetland's *fish habitat function intact* ?		No
3 Is the wetland's *water quality function intact* ?	Yes	
4 Is the wetland's *hydrologic control function intact* ?	Yes	
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list)and is the wetland's *water quality function intact, or impacted or degraded* ?	Yes	
6 Does the wetland contain a rare plant community?	Yes	
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 salmonidsand is the wetland's *fish habitat function intact, or impacted or degraded* ?		No
Mandatory Locally Significant Wetland criteria satisfied ?	**Yes**	

***Optional Locally Significant Wetland Criteria* : local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant communityand provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function* .		No
2 Is the wetland publicly owned and used by a school or organizationand does the wetland provide *educational uses* ?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Locally Significant Wetland

Wetland Characterization Sheet

Project Name: Corvallis Natural Resource Inventory

		Wetland Code:	S-GOO-W-6
Date(s) of field work:	5/7/2002	Size (acres):	2.12
Data Sheet Numbers:	OFF-SITE	Cowardin Class(es):	PFO,PSS,PEM
Investigator(s):	LW	HGM Class(es):	RI, DO, DCNP

Location -- Legal:	T. 12S, R.5W, S. 2, 11
Other:	Willamette Park, south of Marys River
Tax Lots:	See accompanying table
Hydrologic basin:	GOODNIGHT
Soil -- Mapped series:	Wapato silty clay loam
Hydrologic Source:	Surface water

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
Fraxinus latifolia	Oregon Ash	*Urtica dioica*	Stinging Nettle
Cornus stolonifera	Red-Osier Dogwood	*Phalaris arundinacea*	Reed Canary Grass
Populus trichocarpa	Black Cottonwood	*Carex obnupta*	Slough Sedge
		Carex deweyana	Dewey's Sedge
		Solanum dulcamara	Bittersweet Nightshade

Comments: **Locally Significant Wetland**

Wetland is located on the southern portion of Willamette Park. Wetland determination completed for the park in May 2002. Hydrology is derived from groundwater, stormwater, and seasonal flooding. Winding braided channels along toe of terrace. Zoned Open Space-Conservation. Combination of forested wetland (65%), scrub shrub (10%) and emergent (25%).

Adjacent Upland species: Acer macrophyllum, Rubus discolor, Symphoricarpos albus, Oemleria cerasiformis

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

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**S-MAR-W-1**
Project Location:	Benton County	**Wetland Type(s):**	PEMf

Date(s) of field work:	9/6, 11/4, 11/6/2002	**Approx. Area (acres):**	212.67
Onsite Assessment?:	YES	**Investigator(s):**	SE/ME
Wetland Location:	West of Corvallis Airport, south of Airport 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	**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	**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	**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	**C**	Q-2	**C**	Q-2	**C**	Q-2	**C**
Q-3		Q-3	**B**	Q-3	**C**	Q-3	**C**
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:	Corvallis Natural Resource Inventory	**Wetland:**	**S-MAR-W-1**
Location:	Benton County	**Approx. Area (acres):**	212.67
Date:	9/6, 11/4, 11/6/2002	**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 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 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
	More than 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 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

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**S-MAR-W-1**
Project Location:	Benton County	**Approx. Area (acres):**	212.67
Date:	9/6, 11/4, 11/6/2002	**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 *diverse wildlife habitat*?		No
2 Is the wetland's *fish habitat function intact*?		No
3 Is the wetland's *water quality function intact*?		No
4 Is the wetland's *hydrologic control function intact*?		No
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list) and is the wetland's *water quality function intact, or impacted or degraded*?		No
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids and is the wetland's *fish habitat function intact, or impacted or degraded*?		No
Mandatory Locally Significant Wetland criteria satisfied ?		**No**

***Optional Locally Significant Wetland Criteria*: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function*.		No
2 Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses*?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Does not satisfy the criteria, Not a Locally Significant Wetland

Wetland Characterization Sheet

Project Name: Corvallis Natural Resource Inventory

		Wetland Code:	S-MAR-W-1
Date(s) of field work:	9/6, 11/4, 11/6/2002	Size (acres):	212.67
Data Sheet Numbers:	55, 57,64,175,191,197,243	Cowardin Class(es):	PEMf
Investigator(s):	SE/ME	HGM Class(es):	Flats

Location -- Legal:	T. 12S, R. 5W, S. 27
Other:	West of Corvallis Airport, south of Airport Road.
Tax Lots:	See accompanying table
Hydrologic basin:	MARY'S RIVER
Soil -- Mapped series:	Dayton, Amity, Willamette silt loams, Coburg silty clay loam
Hydrologic Source:	Precipitation, groundwater

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
		Eleocharis ovata	Ovate Spikerush
		Agrostis stolonifera	Spreading Bentgrass
		Digitaria sanguinalis	Hairy Crabgrass
		Echinochloa crusgalli	Large Barnyard Grass
		Polygonum persicaria	Lady's Thumb
		Agricultural fields - mixed grass species.	

Comments:

Palustrine emergent wetland/wet meadow areas form a mosaic of wetland in agricultural areas bordering the west side of the airport. Fields are dominated with seed crops. The field west of the air field was recently disked so soils were disturbed and vegetation was lacking. Aerial photography and mapped soils were the primary basis for the mapping of wetland in that area. Zoned public institutional and industrial. Also labeled S-DRY-W-3.

Adjacent upland species: Lolium perenne, Festuca arundinacea, Daucus carota, Conium maculatum, Hypochaeris radicata

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

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**S-MAR-W-2**
Project Location:	Benton County	**Wetland Type(s):**	PEMf

Date(s) of field work:	9/17/2002	**Approx. Area (acres):**	400.41
Onsite Assessment?:	Partial	**Investigator(s):**	CR / LW
Wetland Location:	West of HWY 99W and south of Rivergreen 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	**0**	Q-1	**B**	Q-1	**B**	Q-1	**A**
Q-2	**C**	Q-2	**C**	Q-2	**B**	Q-2	**B**	Q-2	**A**
Q-3	**C**	Q-3	**C**	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	**A**
Q-6	**B**	Q-6	**C**	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	**B**
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 moderately pleasing

Oregon Freshwater Wetland Assessment Methodology
Functions and Conditions Summary Sheet

Project:	Corvallis Natural Resource Inventory	**Wetland:**	**S-MAR-W-2**
Location:	Benton County	**Approx. Area (acres):**	400.41
Date:	9/17/2002	**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 more than 5 acres in size
	Can't determine if wetland floods or ponds	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
	Can't determine if wetland floods or ponds	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 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%
	Water flow is permanently restricted	Potentially sensitive to future impacts
Result:	**Wetland site is not appropriate for educational use**	
Rationale:	No access allowed to wetland	No access point to wetland exists
	No visible hazards to public	Wetland is not limited mobility accessible
	No access or observation of other habitats	
Result:	**Wetland is not appropriate or does not provide rec. opportunities**	
Rationale:	No access point to wetland exists	Wetland provides habitat for some wildlife
	No boat launching can be developed	No fishing is allowed
	No trails or viewing areas exist	No hunting is allowed
Result:	**Wetland is considered to be moderately pleasing**	
Rationale:	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

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**S-MAR-W-2**
Project Location:	Benton County	**Approx. Area (acres):**	400.41
Date:	9/17/2002	**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 *diverse wildlife habitat*?		No
2 Is the wetland's *fish habitat function intact*?		No
3 Is the wetland's *water quality function intact*?		No
4 Is the wetland's *hydrologic control function intact*?		No
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list) and is the wetland's *water quality function intact, or impacted or degraded*?		No
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids and is the wetland's *fish habitat function intact, or impacted or degraded*?		No
Mandatory Locally Significant Wetland criteria satisfied ?		**No**

***Optional Locally Significant Wetland Criteria*: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function*.		No
2 Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses*?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Does not satisfy the criteria, Not a Locally Significant Wetland

Wetland Characterization Sheet

Project Name: Corvallis Natural Resource Inventory

		Wetland Code:	S-MAR-W-2
Date(s) of field work:	9/17/2002	Size (acres):	400.41
Data Sheet Numbers:	223, 225, 227	Cowardin Class(es):	PEMf
Investigator(s):	CR / LW	HGM Class(es):	F

Location -- Legal:	T12S, R5W, Sec. 14, 15, 22, 23
Other:	West of HWY 99W and south of Rivergreen Avenue
Tax Lots:	See accompanying table
Hydrologic basin:	MARY'S RIVER
Soil -- Mapped series:	Amity silt loam, Dayton silt loam, Cloquato silt loam
Hydrologic Source:	Precipitation

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
		Holcus lanatus	**Common Velvet Grass**
		Agrostis tenuis	**Colonial Bentgrass**
		Rumex salicifolius	**Willow Dock**
		Deschampsia cespitosa	**Tufted Hairgrass**

Comments:

South end only on-site. Large agricultural fields, recently tilled, no vegetation. The sites are zoned industrial as well as surrounded by industrially zoned areas.

Adjacent upland vegetation: Festuca arundinacea, Lolium perenne, Hypochaeris radicata, Agrostis tenuis, Holcus lanatus

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

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**S-MAR-W-3**
Project Location:	Benton County	**Wetland Type(s):**	PEMf

Date(s) of field work:	N/A	**Approx. Area (acres):**	73.40
Onsite Assessment?:	OFF-SITE	**Investigator(s):**	PF
Wetland Location:	West of HWY 99W, south of Wake Robin, north of Herbert		

Function and Condition Assessment Answers

Wildlife Habitat		Fish Habitat		Water Quality		Hydrologic Control		Sensitivity to Impact	
Q	**A**	**Q**	**A**	**Q**	**A**	**Q**	**A**	**Q**	**A**
Q-1	**C**	Q-1		Q-1	**B**	Q-1	**B**	Q-1	**B**
Q-2	**C**	Q-2		Q-2	**A**	Q-2	A	Q-2	**B**
Q-3	**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	**A**
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 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	**C**	Q-4	B	Q-4	**B**
Q-5B	C	Q-5	**C**	Q-5	**B**	Q-5	**A**
Q-6	B	Q-6	**B**	Q-6	**B**	Q-6	**A**

Results:

Enhancement Potential	Wetland has moderate potential for enhancement
Education	Wetland site is not appropriate for educational use
Recreation	Wetland is not appropriate or does not provide rec. opportunities
Aesthetic Quality	Wetland is considered to be moderately pleasing

Oregon Freshwater Wetland Assessment Methodology
Functions and Conditions Summary Sheet

Project:	Corvallis Natural Resource Inventory	**Wetland:**	**S-MAR-W-3**
Location:	Benton County	**Approx. Area (acres):**	73.40
Date:	N/A	**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 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 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
	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 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

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**S-MAR-W-3**
Project Location:	Benton County	**Approx. Area (acres):**	73.4
Date:	N/A	**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 *diverse wildlife habitat*?		No
2 Is the wetland's *fish habitat function intact* ?		No
3 Is the wetland's *water quality function intact* ?		No
4 Is the wetland's *hydrologic control function intact* ?		No
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list) and is the wetland's *water quality function intact, or impacted or degraded*?	Yes	
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids and is the wetland's *fish habitat function intact, or impacted or degraded* ?		No
Mandatory Locally Significant Wetland criteria satisfied ?	**Yes**	

***Optional Locally Significant Wetland Criteria* : local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function* .		No
2 Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses* ?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Locally Significant Wetland

Wetland Characterization Sheet

Project Name: Corvallis Natural Resource Inventory

		Wetland Code:	S-MAR-W-3
Date(s) of field work:	N/A	Size (acres):	73.40
Data Sheet Numbers:	OFF-SITE	Cowardin Class(es):	PEMf
Investigator(s):	PF	HGM Class(es):	F

Location -- Legal:	**T12S, R5W, Sec. 10, 15**
Other:	**West of HWY 99W, south of Wake Robin, north of Herbert**
Tax Lots:	**See accompanying table**
Hydrologic basin:	**MARY'S RIVER**
Soil -- Mapped series:	**Amity silt loam, Dayton silt loam, Concord silt loam**
Hydrologic Source:	**Precipitation**

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	

Comments: **Locally Significant Wetland**

OFF-SITE. Large agricultural fields with farmed wetlands. Topographic high separates S-MAR-W-3 from S-MAR-W-16, to the east. Delineated in 1991 (DSL WD #91-0080); the delineation includes areas mapped as Prior Converted Cropland (PC) and farmed wetland (FW). The properties are zoned industrial as well as surrounded by industrially zoned areas. Area of proposed Cascade View Industrial Park.

Adjacent upland vegetation: Festuca arundinacea, Lolium perenne.

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

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**S-MAR-W-4**
Project Location:	Benton County	**Wetland Type(s):**	PEM

Date(s) of field work:	9/19/2002	**Approx. Area (acres):**	0.79
Onsite Assessment?:	NO	**Investigator(s):**	ME/FS
Wetland Location:	South of Corliss Drive, west of Booneville Channel, east of Hwy. 99		

Function and Condition Assessment Answers

Wildlife Habitat		Fish Habitat		Water Quality		Hydrologic Control		Sensitivity to Impact	
Q	**A**	**Q**	**A**	**Q**	**A**	**Q**	**A**	**Q**	**A**
Q-1	**A**	Q-1		Q-1	**B**	Q-1	**B**	Q-1	**A**
Q-2	**C**	Q-2		Q-2	**B**	Q-2	**B**	Q-2	**A**
Q-3	**C**	Q-3		Q-3	**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	**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	**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	**C**	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:	Corvallis Natural Resource Inventory	**Wetland:**	**S-MAR-W-4**
Location:	Benton County	**Approx. Area (acres):**	0.79
Date:	9/19/2002	**Wetland Types(s):**	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 greater than 40%
Result:	**Fish habitat was not assessed for this wetland**	
Rationale:		
Result:	**Wetland's water-quality function is impacted or degraded**	
Rationale:	Primary water source is precipitation	Surface water connection to other wetlands
	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	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 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%
	Water flow is permanently restricted	Potentially sensitive to future impacts
Result:	**Wetland site is not appropriate for educational use**	
Rationale:	No access allowed to wetland	No access point to wetland exists
	No visible hazards to public	Wetland is not limited mobility accessible
	No access or observation of other habitats	
Result:	**Wetland is not appropriate or does not provide rec. opportunities**	
Rationale:	No access point to wetland exists	Wetland provides habitat for some wildlife
	No boat launching can be developed	No fishing is allowed
	No trails or viewing areas exist	No hunting is allowed
Result:	**Wetland is considered to be moderately pleasing**	
Rationale:	Two Cowardin classes visible	Wetland surrounded by 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:	Corvallis Natural Resource Inventory	**Wetland:**	**S-MAR-W-4**
Project Location:	Benton County	**Approx. Area (acres):**	0.79
Date:	9/19/2002	**Wetland Types(s):**	PEM

***Exclusions*: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

***Mandatory Locally Significant Wetland Criteria*: This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat*?		No
2 Is the wetland's *fish habitat function intact*?		No
3 Is the wetland's *water quality function intact*?		No
4 Is the wetland's *hydrologic control function intact*?		No
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list) and is the wetland's *water quality function intact, or impacted or degraded*?		No
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids and is the wetland's *fish habitat function intact, or impacted or degraded*?		No
Mandatory Locally Significant Wetland criteria satisfied ?		**No**

***Optional Locally Significant Wetland Criteria*: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function*.		No
2 Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses*?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Does not satisfy the criteria, Not a Locally Significant Wetland

Wetland Characterization Sheet

Project Name: Corvallis Natural Resource Inventory

		Wetland Code:	S-MAR-W-4
Date(s) of field work:	9/19/2002	Size (acres):	0.79
Data Sheet Numbers:	OFF-SITE	Cowardin Class(es):	PEM
Investigator(s):	ME/FS	HGM Class(es):	F

Location -- Legal:	**T. 12S, R. 5W, S. 23**
Other:	**South of Corliss Drive, west of Booneville Channel, east of Hwy. 99**
Tax Lots:	**See accompanying table**
Hydrologic basin:	**MARY'S RIVER**
Soil -- Mapped series:	**Dayton silt loam**
Hydrologic Source:	**Precipitation**

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
		Alopecurus pratensis	**Meadow Foxtail**
		Holcus lanatus	**Common Velvet Grass**
		Juncus effusus	**Soft Rush**
		Agrostis tenuis	**Colonial Bentgrass**

Comments:

Offsite - Wet meadow located east of Highway 99 W. Isolated depression with no apparent connection to other wetlands. Zoned residential.

Adjacent upland species: Pinus ponderosa, Crataegus monogyna, Festuca arundinacea, and residential lawns and ornamental landscaping

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

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**S-MAR-W-5**
Project Location:	Benton County	**Wetland Type(s):**	PEM, POW

Date(s) of field work:	N/A	**Approx. Area (acres):**	8.70
Onsite Assessment?:	NO	**Investigator(s):**	PF
Wetland Location:	West of Hwy. 99, east of RR tracks, behind DMV		

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	**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	**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	**C**	Q-4	**B**	Q-4	**B**
Q-5B	**C**	Q-5	**C**	Q-5	**B**	Q-5	**A**
Q-6	**B**	Q-6	**B**	Q-6	**B**	Q-6	**A**

Results:

Enhancement Potential	Wetland has moderate potential for enhancement
Education	Wetland site is not appropriate for educational use
Recreation	Wetland is not appropriate or does not provide rec. opportunities
Aesthetic Quality	Wetland is considered to be moderately pleasing

Oregon Freshwater Wetland Assessment Methodology
Functions and Conditions Summary Sheet

Project:	Corvallis Natural Resource Inventory	**Wetland:**	**S-MAR-W-5**
Location:	Benton County	**Approx. Area (acres):**	8.70
Date:	N/A	**Wetland Types(s):**	PEM, POW

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
	Wetland floods/ponds in growing season	Adjacent land use is primarily agriculture
	Moderate vegetation cover	No adjacent Water Quality Limited streams
Result:	**Wetland's hydrologic control is impacted or degraded**	
Rationale:	Wetland is not within 100 year floodplain	Herbaceous vegetation, no ponding
	Wetland floods/ponds in growing season	Agriculture downslope of wetland
	Water has unrestricted flow out of wetland	Development upslope of wetland
Result:	**Wetland is potentially sensitive to future impacts**	
Rationale:	Stream 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 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 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

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**S-MAR-W-5**
Project Location:	Benton County	**Approx. Area (acres):**	8.7
Date:	N/A	**Wetland Types(s):**	PEM, POW

***Exclusions*: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

***Mandatory Locally Significant Wetland Criteria*: This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat*?		No
2 Is the wetland's *fish habitat function intact*?		No
3 Is the wetland's *water quality function intact*?		No
4 Is the wetland's *hydrologic control function intact*?		No
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list)and is the wetland's *water quality function intact, or impacted or degraded*?		No
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonidsand is the wetland's *fish habitat function intact, or impacted or degraded*?		No
Mandatory Locally Significant Wetland criteria satisfied ?		**No**

***Optional Locally Significant Wetland Criteria*: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant communityand provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function*.		No
2 Is the wetland publicly owned and used by a school or organizationand does the wetland provide *educational uses*?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Does not satisfy the criteria, Not a Locally Significant Wetland

Wetland Characterization Sheet

Project Name: Corvallis Natural Resource Inventory

		Wetland Code:	S-MAR-W-5
Date(s) of field work:	N/A	Size (acres):	8.70
Data Sheet Numbers:	OFF-SITE	Cowardin Class(es):	PEM, POW
Investigator(s):	PF	HGM Class(es):	DCP, RFT

Location -- Legal:	T. 12S., R. 5W, S. 14
Other:	West of Hwy. 99, east of RR tracks, behind DMV
Tax Lots:	See accompanying table
Hydrologic basin:	MARY'S RIVER
Soil -- Mapped series:	Dayton silt loam
Hydrologic Source:	Precipitation, groundwater

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
Salix lasiandra	Pacific Willow	*Deschampsia cespitosa*	Tufted Hairgrass
		Rumex crispus	Curly Dock
		Typha latifolia	Common Cattail
		Dipsacus sylvestris	Teasel

Comments:

OFF-SITE. Emergent wetland behind and adjacent to the Department of Motor Vehicles office in south Corvallis. Corvallis Industrial Park. DSL WD # 96-0280. Mitigation area is on west side of property. Series of excavated drainage ditches flow to the larger mitigation open water area along the western property line near the tracks. May be hydrologically connected to wetlands to north and south. Zoned Industrial. WETLAND OF SPECIAL INTEREST FOR PROTECTION due to potential for state or federally listed plant species.

Adjacent Upland species: Rubus discolor, Festuca arundinacea, Cirsium arvense

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

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**S-MAR-W-6**
Project Location:	Benton County	**Wetland Type(s):**	PEM

Date(s) of field work:	9/27/2002	**Approx. Area (acres):**	4.25
Onsite Assessment?:	NO	**Investigator(s):**	CR/FS
Wetland Location:	North of Rivergreen Avenue, east of HWY 99W.		

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	**C**	Q-4	**B**
Q-5	**B**	Q-5		Q-5	**B**	Q-5	**C**	Q-5	**A**
Q-6	**B**	Q-6		Q-6	**C**	Q-6	**A**	Q-6	**C**
Q-7	**A**					Q-7	**B**		
Q-8	**B**								
Q-9A									
Q-9B	**B**								

Results:

Wildlife Habitat	Wetland provides habitat for some wildlife species
Fish Habitat	Fish habitat was not assessed for this wetland
Water Quality	Wetland's water-quality function is impacted or degraded
Hydrologic Control	Wetland's hydrologic control is impacted or degraded
Sensitivity to Impact	Wetland is potentially sensitive to future impacts

Function and Condition Assessment Answers

Enhancement Potential		Education		Recreation		Aesthetic Quality	
Q	**A**	**Q**	**A**	**Q**	**A**	**Q**	**A**
Q-1	**A**	Q-1	**C**	Q-1	**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	**C**
Q-4	**B**	Q-4	**B**	Q-4	**B**	Q-4	**C**
Q-5B	**B**	Q-5	**B**	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 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:	Corvallis Natural Resource Inventory	**Wetland:**	**S-MAR-W-6**
Location:	Benton County	**Approx. Area (acres):**	4.25
Date:	9/27/2002	**Wetland Types(s):**	PEM

Result:	**Wetland provides habitat for some wildlife species**	
Rationale:	One Class with less than 5 species	No adjacent Water Quality limited streams
	Herbaceous vegetation, no ponding	Adjacent land use is primarily agriculture
	Less than 0.5 acres of open water	Wetland buffer is between 10% and 40%
Result:	**Fish habitat was not assessed for this wetland**	
Rationale:		
Result:	**Wetland's water-quality function is impacted or degraded**	
Rationale:	Primary water source is precipitation	Surface water connection to other wetlands
	Wetland floods/ponds in growing season	Adjacent land use is primarily agriculture
	Moderate vegetation cover	No adjacent Water Quality Limited streams
Result:	**Wetland's hydrologic control is impacted or degraded**	
Rationale:	Wetland is not within 100 year floodplain	Herbaceous vegetation, no ponding
	Wetland floods/ponds in growing season	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 high enhancement potential**	
Rationale:	Wetland functions are impacted or degraded	Wetland is between 0.5 and 5 acres
	Primary water source is precipitation	Wetland buffer is between 10% and 40%
	Water flow is permanently restricted	Potentially sensitive to future impacts
Result:	**Wetland site is not appropriate for educational use**	
Rationale:	No access allowed to wetland	Unmaintained public access within 250 feet
	No visible hazards to public	Wetland is 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
	Visual detractors present, can't be removed	Continuous traffic and natural noises occur

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**S-MAR-W-6**
Project Location:	Benton County	**Approx. Area (acres):**	4.25
Date:	9/27/2002	**Wetland Types(s):**	PEM

***Exclusions*: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

***Mandatory Locally Significant Wetland Criteria*: This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat*?		No
2 Is the wetland's *fish habitat function intact*?		No
3 Is the wetland's *water quality function intact*?		No
4 Is the wetland's *hydrologic control function intact*?		No
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list) and is the wetland's *water quality function intact, or impacted or degraded*?		No
6 Does the wetland contain a rare plant community?	No	No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids and is the wetland's *fish habitat function intact, or impacted or degraded*?		No
Mandatory Locally Significant Wetland criteria satisfied ?		**No**

***Optional Locally Significant Wetland Criteria*: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function*.		No
2 Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses*?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Does not satisfy the criteria, Not a Locally Significant Wetland

Wetland Characterization Sheet

Project Name: Corvallis Natural Resource Inventory

		Wetland Code:	S-MAR-W-6
Date(s) of field work:	9/27/2002	Size (acres):	4.25
Data Sheet Numbers:	OFF-SITE	Cowardin Class(es):	PEM
Investigator(s):	CR/FS	HGM Class(es):	F

Location -- Legal:	**T12S, R5W, Sec. 14**
Other:	**North of Rivergreen Avenue, east of HWY 99W.**
Tax Lots:	**See accompanying table**
Hydrologic basin:	**MARY'S RIVER**
Soil -- Mapped series:	**Dayton silt loam**
Hydrologic Source:	**Prècipitation**

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
Salix piperi	Piper's Willow	*Agrostis tenuis*	Colonial Bentgrass
Populus trichocarpa	Black Cottonwood	*Holcus lanatus*	Common Velvet Grass

Comments:

OFF-SITE. Open lot, primarily consists of a mix of mowed pasture grasses, and some scattered shrubs including black cottonwood and Piper's Willow. Zoned residential. Primary source of hydrology appears to be precipitation. Entirely surrounded by roads and development. DSL WD # 90-114.

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

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

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**S-MAR-W-7**
Project Location:	Benton County	**Wetland Type(s):**	PEMf

Date(s) of field work:	9/27/2002	**Approx. Area (acres):**	26.48
Onsite Assessment?:	NO	**Investigator(s):**	CR/FS
Wetland Location:	West of HWY 99W, N. of Rivergreen Ave., S. of Goodnight 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	**C**	Q-1		Q-1	**B**	Q-1	**B**	Q-1	**A**
Q-2	**B**	Q-2		Q-2	**A**	Q-2	**A**	Q-2	**B**
Q-3	**C**	Q-3		Q-3	**C**	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	**B**	Q-5	**A**
Q-6	**B**	Q-6		Q-6	**A**	Q-6	**B**	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	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	**A**	Q-4	**C**	Q-4	**B**	Q-4	**C**
Q-5B	**B**	Q-5	**C**	Q-5	**B**	Q-5	**A**
Q-6	**B**	Q-6	**B**	Q-6	**B**	Q-6	**B**

Results:

Enhancement Potential	Wetland has high enhancement potential
Education	Wetland site is not appropriate for educational use
Recreation	Wetland is not appropriate or does not provide rec. opportunities
Aesthetic Quality	Wetland is considered to be moderately pleasing

Oregon Freshwater Wetland Assessment Methodology
Functions and Conditions Summary Sheet

Project:	Corvallis Natural Resource Inventory	**Wetland:**	**S-MAR-W-7**
Location:	Benton County	**Approx. Area (acres):**	26.48
Date:	9/27/2002	**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 & ponding	Adjacent land is mostly developed
	Less than 0.5 acres of open water	Wetland buffer is between 10% and 40%
Result:	**Fish habitat was not assessed for this wetland**	
Rationale:		
Result:	**Wetland's water-quality function is impacted or degraded**	
Rationale:	Primary water source is precipitation	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 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
	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 precipitation	Wetland buffer is between 10% and 40%
	Water flow is permanently restricted	Potentially sensitive to future impacts
Result:	**Wetland site is not appropriate for educational use**	
Rationale:	No access allowed to wetland	No access point to wetland exists
	No visible hazards to public	Wetland is not limited mobility accessible
	No access or observation of other habitats	
Result:	**Wetland is not appropriate or does not provide rec. opportunities**	
Rationale:	No access point to wetland exists	Wetland provides habitat for some wildlife
	No boat launching can be developed	No fishing is allowed
	No trails or viewing areas exist	No hunting is allowed
Result:	**Wetland is considered to be moderately pleasing**	
Rationale:	Two Cowardin classes visible	Wetland surrounded by development
	25 - 50% of wetland can be seen	Natural odors present at wetland
	No visual detractors are present	Continuous traffic and natural noises occur

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**S-MAR-W-7**
Project Location:	Benton County	**Approx. Area (acres):**	26.48
Date:	9/27/2002	**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 *diverse wildlife habitat*?		No
2 Is the wetland's *fish habitat function intact*?		No
3 Is the wetland's *water quality function intact*?		No
4 Is the wetland's *hydrologic control function intact*?		No
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list) and is the wetland's *water quality function intact, or impacted or degraded*?		No
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids and is the wetland's *fish habitat function intact, or impacted or degraded*?		No
Mandatory Locally Significant Wetland criteria satisfied ?		**No**

***Optional Locally Significant Wetland Criteria*: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function*.		No
2 Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses*?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Does not satisfy the criteria, Not a Locally Significant Wetland

Wetland Characterization Sheet

Project Name: Corvallis Natural Resource Inventory

		Wetland Code:	S-MAR-W-7
Date(s) of field work:	9/27/2002	Size (acres):	26.48
Data Sheet Numbers:	OFF-SITE	Cowardin Class(es):	PEMf
Investigator(s):	CR/FS	HGM Class(es):	F, RFT

Location -- Legal:	T12S, R5W, Sec. 11, 14
Other:	West of HWY 99W, N. of Rivergreen Ave., S. of Goodnight Ave.
Tax Lots:	See accompanying table
Hydrologic basin:	MARY'S RIVER
Soil -- Mapped series:	Amity silt loam, Dayton silt loam
Hydrologic Source:	Precipitation

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
Salix piperi	Piper's Willow	*Deschampsia cespitosa*	Tufted Hairgrass
Populus trichocarpa	Black Cottonwood	*Agrostis tenuis*	Colonial Bentgrass
		Holcus lanatus	Common Velvet Grass

Comments:

OFF-SITE. Open grass field with riparian woodland along east side near railroad tracks and "Goodnight Creek". Scraped or disturbed area along eastern edge of wooded area may be subject to seasonal ponding. Primary source of hydrology appears to be precipitation. Zoned industrial. Mitigation for Willamette Business Park in northwest portion of site. DSL WD # 97-0503. ~~Delineation of Prior Converted Cropland and Farmed Wetland~~.

Adjacent upland species: *Festuca arundinacea, Lolium sp.*

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

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**S-MAR-W-8**
Project Location:	Benton County	**Wetland Type(s):**	PEM, PSS

Date(s) of field work:	9/26/2002	**Approx. Area (acres):**	17.07
Onsite Assessment?:	NO	**Investigator(s):**	PF / SE / ME
Wetland Location:	Marysville golf course, east of Marys River, south of Mill Race		

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	**C**	Q-2		Q-2	**B**	Q-2	B	Q-2	**B**
Q-3	**C**	Q-3		Q-3	**B**	Q-3	**A**	Q-3	A
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	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 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	**A**	Q-3	**B**
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	**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:	Corvallis Natural Resource Inventory	Wetland:	S-MAR-W-8
Location:	Benton County	Approx. Area (acres):	17.07
Date:	9/26/2002	Wetland Types(s):	PEM, PSS

Result:	Wetland provides habitat for some wildlife species	
Rationale:	More than one Cowardin class	Adjacent Water Quality limited stream
	Herbaceous vegetation, no ponding	Adjacent land 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
	Moderate vegetation cover	Adjacent Water Quality Limited stream

Result:	Wetland's hydrologic control is impacted or degraded	
Rationale:	Wetland is within 100 year floodplain	Herbaceous vegetation, no ponding
	Can't determine if wetland floods or ponds	Agriculture downslope of wetland
	Water has unrestricted flow out of wetland	Development upslope of wetland

Result:	Wetland is potentially sensitive to future impacts	
Rationale:	Stream modified or isolated wetland	Adjacent land use is primarily agriculture
	Water not taken out	Adjacent zoning is primarily development
	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 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:	Two Cowardin classes 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

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**S-MAR-W-8**
Project Location:	Benton County	**Approx. Area (acres):**	17.07
Date:	9/26/2002	**Wetland Types(s):**	PEM, PSS

Exclusions **: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

Mandatory Locally Significant Wetland Criteria **: This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat*?		No
2 Is the wetland's *fish habitat function intact* ?		No
3 Is the wetland's *water quality function intact* ?		No
4 Is the wetland's *hydrologic control function intact* ?		No
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list)and is the wetland's *water quality function intact, or impacted or degraded* ?	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 salmonidsand is the wetland's *fish habitat function intact, or impacted or degraded* ?		No
Mandatory Locally Significant Wetland criteria satisfied ?	**Yes**	

Optional Locally Significant Wetland Criteria **: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant communityand provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function* .		No
2 Is the wetland publicly owned and used by a school or organizationand does the wetland provide *educational uses* ?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Locally Significant Wetland

Wetland Characterization Sheet

Project Name: Corvallis Natural Resource Inventory

		Wetland Code:	S-MAR-W-8
Date(s) of field work:	9/26/2002	Size (acres):	17.07
Data Sheet Numbers:	OFF-SITE	Cowardin Class(es):	PEM, PSS
Investigator(s):	PF / SE / ME	HGM Class(es):	S/F

Location -- Legal:	T. 12S, R. 5W, S.10
Other:	Marysville golf course, east of Marys River, south of Mill Race
Tax Lots:	See accompanying table
Hydrologic basin:	Mary's River
Soil -- Mapped series:	Dayton silt loam
Hydrologic Source:	Precipitation

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
Fraxinus latifolia	Oregon Ash	*Agrostis tenuis*	Colonial Bentgrass
Populus trichocarpa	Black Cottonwood	*Holcus lanatus*	Common Velvet Grass
Rosa sp.	Rose	*Juncus effusus*	Soft Rush

Comments: **Locally Significant Wetland**

OFF-SITE. Marysville Golf Course. Several shallow swales through mowed maintained fields drain south to Marys River. Majority of wetland is emergent wet field (90%) with small scrub shrub (10%) component. Zoned Open Space Conservation. Within 100 year floodplain.

Adjacent upland species: Festuca arundinacea, Cirsium arvense

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

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**S-MAR-W-9**
Project Location:	Benton County	**Wetland Type(s):**	PEM

Date(s) of field work:	10/9/2002	**Approx. Area (acres):**	1.58
Onsite Assessment?:	NO	**Investigator(s):**	PF
Wetland Location:	North of Wake Robin Avenue, west of RR tracks, east of Marys 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	**C**	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	**C**	Q-3	**C**	Q-3	**C**
Q-4	**C**	Q-4		Q-4	**C**	Q-4	**C**	Q-4	**B**
Q-5	**B**	Q-5		Q-5	**B**	Q-5	**C**	Q-5	**A**
Q-6	**B**	Q-6		Q-6	**C**	Q-6	**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	**B**	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	**C**	Q-4	**C**	Q-4	**B**	Q-4	**B**
Q-5B	**C**	Q-5	**C**	Q-5	**B**	Q-5	**A**
Q-6	**B**	Q-6	**B**	Q-6	**B**	Q-6	**A**

Results:

Enhancement Potential	Wetland has little 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:	Corvallis Natural Resource Inventory	**Wetland:**	**S-MAR-W-9**
Location:	Benton County	**Approx. Area (acres):**	1.58
Date:	10/9/2002	**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 less than 10%
Result:	**Fish habitat was not assessed for this wetland**	
Rationale:		
Result:	**Wetland's water-quality function is impacted or degraded**	
Rationale:	Primary water source is precipitation	Isolated from other wetlands
	Can't determine if wetland floods or ponds	Adjacent land 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
	Can't determine if wetland floods or ponds	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 little enhancement potential**	
Rationale:	One or more functions lost/not present	Wetland is less than 0.5 acres
	Primary water source is precipitation	Wetland buffer is less than 10%
	Water flow is permanently restricted	Potentially sensitive to future impacts
Result:	**Wetland site is not appropriate for educational use**	
Rationale:	No access allowed to wetland	No access point to wetland exists
	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

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**S-MAR-W-9**
Project Location:	Benton County	**Approx. Area (acres):**	1.58
Date:	10/9/2002	**Wetland Types(s):**	PEM

***Exclusions*: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

***Mandatory Locally Significant Wetland Criteria*: This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat*?		No
2 Is the wetland's *fish habitat function intact*?		No
3 Is the wetland's *water quality function intact*?		No
4 Is the wetland's *hydrologic control function intact*?		No
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list) and is the wetland's *water quality function intact, or impacted or degraded*?	Yes	
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids and is the wetland's *fish habitat function intact, or impacted or degraded*?		No
Mandatory Locally Significant Wetland criteria satisfied ?	**Yes**	

***Optional Locally Significant Wetland Criteria*: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function*.		No
2 Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses*?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Locally Significant Wetland

Wetland Characterization Sheet

Project Name: Corvallis Natural Resource Inventory

		Wetland Code:	S-MAR-W-9
Date(s) of field work:	10/9/2002	Size (acres):	1.58
Data Sheet Numbers:	OFF-SITE	Cowardin Class(es):	PEM
Investigator(s):	PF	HGM Class(es):	S/F

Location -- Legal:	**T. 12S, R. 5W, S. 10**
Other:	**North of Wake Robin Avenue, west of RR tracks, east of Marys River**
Tax Lots:	**See accompanying table**
Hydrologic basin:	**MARY'S RIVER**
Soil -- Mapped series:	**Woodburn silt loam, 0-3% slopes, Amity silt loam**
Hydrologic Source:	**Precipitation**

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
		Agrostis tenuis	Colonial Bentgrass
		Holcus lanatus	Common Velvet Grass

Comments: **Locally Significant Wetland**

OFF-SITE. Swale in large field south of golf course. Zoned Open Space-Conservation. Adjacent land use is rural residential and some commercial.

Adjacent upland species: Festuca arundinacea, Cirsium arvense

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

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**S-MAR-M50-10**
Project Location:	Benton County	**Wetland Type(s):**	PFO,PSS

Date(s) of field work:	9/19/2002	**Approx. Area (acres):**	2.62
Onsite Assessment?:	NO	**Investigator(s):**	FS/ME
Wetland Location:	South side of Marys River at Willamette River, east of Hwy. 99		

Function and Condition Assessment Answers

Wildlife Habitat		Fish Habitat		Water Quality		Hydrologic Control		Sensitivity to Impact	
Q	**A**	**Q**	**A**	**Q**	**A**	**Q**	**A**	**Q**	**A**
Q-1	**A**	Q-1		Q-1	**C**	Q-1	**A**	Q-1	**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	**A**
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	**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	**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	**A**	Q-1	**B**
Q-2	**B**	Q-2	**A**	Q-2	**A**	Q-2	**B**
Q-3		Q-3	**B**	Q-3	**B**	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	**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 provides recreational opportunities
Aesthetic Quality	Wetland is considered to be moderately pleasing

Oregon Freshwater Wetland Assessment Methodology
Functions and Conditions Summary Sheet

Project:	Corvallis Natural Resource Inventory	**Wetland:**	**S-MAR-M50-10**
Location:	Benton County	**Approx. Area (acres):**	2.62
Date:	9/19/2002	**Wetland Types(s):**	PFO,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 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 is mostly developed
	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
	Can't determine if wetland floods or ponds	Open space downslope of development
	Water has unrestricted flow out of wetland	Development upslope of wetland
Result:	**Wetland is potentially sensitive to future impacts**	
Rationale:	Stream not modified	Adjacent land is mostly developed
	Water not taken out	Adjacent zoning is primarily development
	Adjacent Water Quality Limited stream	Dominated by woody vegetation
Result:	**Wetland has high enhancement potential**	
Rationale:	Wetland functions are impacted or degraded	Wetland is between 0.5 and 5 acres
	Primary water source is groundwater	Wetland buffer is greater than 40%
	Water flow is permanently restricted	Potentially sensitive to future impacts
Result:	**Wetland site is not appropriate for educational use**	
Rationale:	No access allowed to wetland	Maintained public access within 250 feet
	No visible hazards to public	Wetland is 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
	Boat launching within 1/2 mile	Fishing is allowed
	Unmaintained trails, viewing areas exist	No hunting is allowed
Result:	**Wetland is considered to be moderately pleasing**	
Rationale:	Two Cowardin classes visible	Wetland surrounded by 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

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**S-MAR-M50-10**
Project Location:	Benton County	**Approx. Area (acres):**	2.62
Date:	9/19/2002	**Wetland Types(s):**	PFO,PSS

***Exclusions*: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

***Mandatory Locally Significant Wetland Criteria*: This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat*?		No
2 Is the wetland's *fish habitat function intact* ?		No
3 Is the wetland's *water quality function intact* ?		No
4 Is the wetland's *hydrologic control function intact* ?		No
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list)and is the wetland's *water quality function intact, or impacted or degraded* ?	Yes	
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonidsand is the wetland's *fish habitat function intact, or impacted or degraded* ?		No
Mandatory Locally Significant Wetland criteria satisfied ?	**Yes**	

***Optional Locally Significant Wetland Criteria*: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant communityand provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function* .		No
2 Is the wetland publicly owned and used by a school or organizationand does the wetland provide *educational uses* ?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Locally Significant Wetland

Wetland Characterization Sheet

Project Name: Corvallis Natural Resource Inventory

		Wetland Code:	**S-MAR-M50-10**
Date(s) of field work:	**9/19/2002**	Size (acres):	**2.62**
Data Sheet Numbers:	**OFF-SITE**	Cowardin Class(es):	**PFO,PSS**
Investigator(s):	**FS/ME**	HGM Class(es):	**RTF, F**

Location -- Legal:	**T. 12S, R. 5W, S. 2**
Other:	**South side of Marys River at Willamette River, east of Hwy. 99**
Tax Lots:	**See accompanying table**
Hydrologic basin:	**MARYS RIVER**
Soil -- Mapped series:	**Chehalis silty clay loam**
Hydrologic Source:	**Groundwater, surface water**

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
Fraxinus latifolia	**Oregon Ash**	***Solanum dulcamara***	**Bittersweet Nightshade**
Populus trichocarpa	**Black Cottonwood**	***Phalaris arundinacea***	**Reed Canary Grass**
Salix hookeriana	**Hooker Willow**		
Salix lasiandra	**Pacific Willow**		
Crataegus douglasii	**Douglas' Hawthorn**		

Comments: **Locally Significant Wetland**

Offsite - Wetland is located along the south edge of the Mary's River, just west of where it converges with the Willamette River, and east of Highway 99 West. This system is a mosaic of 50% wetland and 50% upland with palustrine forested (90%) and shrub-shrub (10%) communities. DSL WD # 97-0167.

Adjacent upland species: Populus trichocarpa, Crataegus monogyna, Rubus ursinus, Rubus discolor

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

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**S-MAR-W-11**
Project Location:	Benton County	**Wetland Type(s):**	PFO,PSS,PEM

Date(s) of field work:	9/25/2002	**Approx. Area (acres):**	7.59
Onsite Assessment?:	YES	**Investigator(s):**	PF/ME
Wetland Location:	West of Allen Street, east of Marys River, south of Avery		

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	**A**	Q-2	**A**	Q-2	**A**	Q-2	**A**	Q-2	**B**
Q-3	**A**	Q-3	**B**	Q-3	**A**	Q-3	**A**	Q-3	**A**
Q-4	**C**	Q-4	**C**	Q-4	**A**	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 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	**A**	Q-2	**A**	Q-2	**C**
Q-3		Q-3	**B**	Q-3	**C**	Q-3	**A**
Q-4	**A**	Q-4	**B**	Q-4	**B**	Q-4	**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 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:	Corvallis Natural Resource Inventory	**Wetland:**	**S-MAR-W-11**
Location:	Benton County	**Approx. Area (acres):**	7.59
Date:	9/25/2002	**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 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 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 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	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 greater than 5 acres
	Primary water source is groundwater	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 has the potential to provide recreational activities**	
Rationale:	No access point to wetland exists	Wetland provides habitat for some wildlife
	Boat launching within 1/2 mile	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

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**S-MAR-W-11**
Project Location:	Benton County	**Approx. Area (acres):**	7.59
Date:	9/25/2002	**Wetland Types(s):**	PFO,PSS,PEM

***Exclusions*: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

***Mandatory Locally Significant Wetland Criteria*: This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat*?		No
2 Is the wetland's *fish habitat function intact*?		No
3 Is the wetland's *water quality function intact*?		No
4 Is the wetland's *hydrologic control function intact*?	Yes	
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list) and is the wetland's *water quality function intact, or impacted or degraded*?	Yes	
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids and is the wetland's *fish habitat function intact, or impacted or degraded*?	Yes	
Mandatory Locally Significant Wetland criteria satisfied ?	**Yes**	

***Optional Locally Significant Wetland Criteria* : local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function* .		No
2 Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses*?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Locally Significant Wetland

Wetland Characterization Sheet

Project Name: Corvallis Natural Resource Inventory

		Wetland Code:	S-MAR-W-11
Date(s) of field work:	9/25/2002	Size (acres):	7.59
Data Sheet Numbers:	184, 186	Cowardin Class(es):	PFO,PSS,PEM
Investigator(s):	PF/ME	HGM Class(es):	RI

Location -- Legal:	T. 12S, R. 5W, S. 3
Other:	West of Allen Street, east of Marys River, south of Avery
Tax Lots:	See accompanying table
Hydrologic basin:	MARY'S RIVER
Soil -- Mapped series:	Chehalis silty clay loam
Hydrologic Source:	Surface water, groundwater

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
Fraxinus latifolia	Oregon Ash	*Solanum dulcamara*	Bittersweet Nightshade
Spiraea douglasii	Douglas' Spiraea	*Phalaris arundinacea*	Reed Canary Grass
Rosa sp.	Rose species		

Comments: **Locally Significant Wetland**

High quality wetland located in old channel meander of Mary's River. The wetland has palustrine forested (70%), scrub-shrub (10%), and emergent (20%) communities. Within the 100-year floodplain and zoned for Open Space-Conservation. Current land use is rural residential. Buffer is impacted by mowing.

Upland species include: Rubus discolor, Crataegus monogyna, Cirsium arvense, Daucus carota, Melissa officinalis, Hypericum perforatum

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

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	Corvallis Natural Resource Inventory	Wetland:	S-MAR-W-12
Project Location:	Benton County	Wetland Type(s):	PFO,PSS,PEM

Date(s) of field work:	9/25/2002	Approx. Area (acres):	1.46
Onsite Assessment?:	YES	Investigator(s):	PF/ME
Wetland Location:	West of Allen Street, south of Avery, east of Marys 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	A	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	B
Q-5	A	Q-5	B	Q-5	B	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	B								
Q-9A									
Q-9B	B								

Results:

Wildlife Habitat	Wetland provides habitat for some wildlife species
Fish Habitat	Wetland's fish habitat function is impacted or degraded
Water Quality	Wetland's water-quality function is 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	B
Q-3	A	Q-3	B	Q-3	B	Q-3	A
Q-4	B	Q-4	A	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:	Corvallis Natural Resource Inventory	**Wetland:**	**S-MAR-W-12**
Location:	Benton County	**Approx. Area (acres):**	1.46
Date:	9/25/2002	**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 use is primarily agriculture
	Less than 0.5 acres of open water	Wetland buffer is between 10% and 40%
Result:	**Wetland's fish habitat function is impacted or degraded**	
Rationale:	Less than 25% of stream is shaded	Adjacent Water Quality Limited stream
	Stream is in a natural channel	Adjacent land use is primarily agriculture
	10-25% of stream has instream structures	Salmon and/or trout present in stream
Result:	**Wetland's water-quality function is intact**	
Rationale:	Primary water source is surface flow	Surface water connection to other wetlands
	Wetland floods/ponds in growing season	Adjacent land use is primarily agriculture
	High wetland vegetation cover	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 use is primarily agriculture
	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 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
	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
	Unmaintained 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	Some traffic and natural noises are present

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**S-MAR-W-12**
Project Location:	Benton County	**Approx. Area (acres):**	1.46
Date:	9/25/2002	**Wetland Types(s):**	PFO,PSS,PEM

***Exclusions*: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

***Mandatory Locally Significant Wetland Criteria*: This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat*?		No
2 Is the wetland's *fish habitat function intact*?		No
3 Is the wetland's *water quality function intact*?	Yes	
4 Is the wetland's *hydrologic control function intact*?		No
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list) and is the wetland's *water quality function intact, or impacted or degraded*?	Yes	
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids and is the wetland's *fish habitat function intact, or impacted or degraded*?	Yes	
Mandatory Locally Significant Wetland criteria satisfied ?	**Yes**	

***Optional Locally Significant Wetland Criteria*: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function*.		No
2 Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses*?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Locally Significant Wetland

Wetland Characterization Sheet

Project Name: Corvallis Natural Resource Inventory

		Wetland Code:	**S-MAR-W-12**
Date(s) of field work:	**9/25/2002**	Size (acres):	**1.46**
Data Sheet Numbers:	**190, 192**	Cowardin Class(es):	**PFO,PSS,PEM**
Investigator(s):	**PF/ME**	HGM Class(es):	**RI**

Location -- Legal:	**T. 12S, R. 5W, S.3**
Other:	**West of Allen Street, south of Avery, east of Marys River**
Tax Lots:	**See accompanying table**
Hydrologic basin:	**MARY'S RIVER**
Soil -- Mapped series:	**Chehalis silty clay loam**
Hydrologic Source:	**Surface water, groundwater**

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
Fraxinus latifolia	**Oregon Ash**	***Phalaris arundinacea***	**Reed Canary Grass**
Spiraea douglasii	**Douglas' Spiraea**		
Cornus stolonifera	**Red-Osier Dogwood**		
Salix lasiandra	**Pacific Willow**		

Comments: **Locally Significant Wetland**

Old channel meander of Marys River. Depressional overflow area in floodplain of the river. Topographically defined. Zoned Open Space-Conservation. Current land use is rural residential.

Adjacent upland species: Trifolium pratense, Daucus carota, Hypochaeris radicata, Cirsium arvense

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

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**S-MAR-W-13**
Project Location:	Benton County	**Wetland Type(s):**	PSS
Date(s) of field work:	9/25/2002	**Approx. Area (acres):**	1.89
Onsite Assessment?:	NO	**Investigator(s):**	PF/ME
Wetland Location:	West bank of Marys 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	**B**	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	**A**	Q-3	**B**	Q-3	**A**	Q-3	**A**	Q-3	**A**
Q-4	**A**	Q-4	**C**	Q-4	**A**	Q-4	**C**	Q-4	**B**
Q-5	**A**	Q-5	**B**	Q-5	**B**	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	**B**								
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	**A**	Q-1	**C**	Q-1	**C**	Q-1	**C**
Q-2		Q-2	**A**	Q-2	**B**	Q-2	**A**
Q-3	**A**	Q-3	**A**	Q-3	**C**	Q-3	**A**
Q-4		Q-4	**A**	Q-4	**A**	Q-4	**A**
Q-5B		Q-5	**C**	Q-5	**A**	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 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:	Corvallis Natural Resource Inventory	**Wetland:**	**S-MAR-W-13**
Location:	Benton County	**Approx. Area (acres):**	1.89
Date:	9/25/2002	**Wetland Types(s):**	PSS

Result:	**Wetland provides diverse wildlife habitat**	
Rationale:	One Cowardin class with > 5 species	Adjacent Water Quality limited stream
	Dominated by woody vegetation	Adjacent land use is primarily agriculture
	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 is in a natural channel	Adjacent land use is primarily agriculture
	10-25% of stream has instream structures	Salmon and/or trout present in stream
Result:	**Wetland's water-quality function is intact**	
Rationale:	Primary water source is surface flow	Wetland is more than 5 acres in size
	Wetland floods/ponds in growing season	Adjacent land use is primarily agriculture
	High wetland vegetation cover	Adjacent Water Quality Limited stream
Result:	**Wetland's hydrologic control function is intact**	
Rationale:	Wetland is within 100 year floodplain	Dominated by woody vegetation
	Wetland floods/ponds in growing season	Open space downslope of development
	Water has unrestricted flow out of wetland	Agriculture upslope of wetland
Result:	**Wetland is potentially sensitive to future impacts**	
Rationale:	Stream not modified	Adjacent land use is primarily agriculture
	Water not taken out	Adjacent zoning is mostly open space
	Adjacent Water Quality Limited stream	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 limited mobility accessible
	Public access to other habitats exist	
Result:	**Wetland has the potential to provide recreational activities**	
Rationale:	No access point to wetland exists	Wetland provides diverse wildlife habitat
	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:	One Cowardin class is visible	Wetland surrounded by natural areas
	>50% of wetland can be seen	Natural odors present at wetland
	No visual detractors are present	Some traffic and natural noises are present

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**S-MAR-W-13**
Project Location:	Benton County	**Approx. Area (acres):**	1.89
Date:	9/25/2002	**Wetland Types(s):**	PSS

***Exclusions*: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

***Mandatory Locally Significant Wetland Criteria* : This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat*?	Yes	
2 Is the wetland's *fish habitat function intact* ?		No
3 Is the wetland's *water quality function intact*?	Yes	
4 Is the wetland's *hydrologic control function intact* ?	Yes	
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list)and is the wetland's *water quality function intact, or impacted or degraded*?	Yes	
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonidsand is the wetland's *fish habitat function intact, or impacted or degraded* ?	Yes	
Mandatory Locally Significant Wetland criteria satisfied ?	**Yes**	

***Optional Locally Significant Wetland Criteria* : local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant communityand provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function* .		No
2 Is the wetland publicly owned and used by a school or organizationand does the wetland provide *educational uses* ?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Locally Significant Wetland

Wetland Characterization Sheet

Project Name: Corvallis Natural Resource Inventory

		Wetland Code:	S-MAR-W-13
Date(s) of field work:	9/25/2002	Size (acres):	1.89
Data Sheet Numbers:	OFF-SITE	Cowardin Class(es):	PSS
Investigator(s):	PF/ME	HGM Class(es):	RFT

Location -- Legal:	T. 12S, R. 5W, S.10
Other:	West bank of Marys River
Tax Lots:	See accompanying table
Hydrologic basin:	MARY'S RIVER
Soil -- Mapped series:	Chehalis silty clay loam
Hydrologic Source:	Surface water

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
Salix lasiandra	Pacific Willow	*Phalaris arundinacea*	Reed Canary Grass
Spiraea douglasii	Douglas' Spiraea		
Cornus stolonifera	Red-Osier Dogwood		

Comments: **Locally Significant Wetland**

OFF-SITE. Floodplain scrub shrub area adjacent to Marys River. In floodplain of the river. Zoned Open Space-Conservation. Current land use is rural residential.

Adjacent upland species: Pseudotsuga menziesii, Daucus carota

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

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**S-MAR-W-14**
Project Location:	Benton County	**Wetland Type(s):**	PFO,PSS,PEM,POW

Date(s) of field work:	8/1/2002	**Approx. Area (acres):**	14.37
Onsite Assessment?:	PARTIAL	**Investigator(s):**	ME/SE
Wetland Location:	Southeast of Brooklane, west of Marys 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	**A**	Q-1	**A**	Q-1	**A**	Q-1	**A**
Q-2	**A**	Q-2	**B**	Q-2	**A**	Q-2	**A**	Q-2	**A**
Q-3	**B**	Q-3	**C**	Q-3	**A**	Q-3	**B**	Q-3	**A**
Q-4	**C**	Q-4	**C**	Q-4	**B**	Q-4	**A**	Q-4	**C**
Q-5	**A**	Q-5	**A**	Q-5	**C**	Q-5	**A**	Q-5	**A**
Q-6	**A**	Q-6	**C**	Q-6	**A**	Q-6	**C**	Q-6	**A**
Q-7	**C**					Q-7	**C**		
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 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	**B**	Q-1	**A**
Q-2	**A**	Q-2	**A**	Q-2	**C**	Q-2	**B**
Q-3	**B**	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	**B**	Q-5	**B**	Q-5	**A**
Q-6	**C**	Q-6	**B**	Q-6	**B**	Q-6	**A**

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 considered to be pleasing

Oregon Freshwater Wetland Assessment Methodology
Functions and Conditions Summary Sheet

Project:	Corvallis Natural Resource Inventory	**Wetland:**	**S-MAR-W-14**
Location:	Benton County	**Approx. Area (acres):**	14.37
Date:	8/1/2002	**Wetland Types(s):**	PFO,PSS,PEM,POW

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:	50% or more of stream is shaded	Adjacent Water Quality Limited stream
	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 intact**	
Rationale:	Primary water source is surface flow	Surface water connection to other wetlands
	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	Open space downslope of development
	Flow out of wetland is restricted	Open space upslope of wetland
Result:	**Wetland is sensitive to future impacts**	
Rationale:	Stream modified or isolated wetland	Adjacent land is primarily open space
	Water is taken out or isolated wetland	Adjacent zoning is primarily development
	Adjacent Water Quality Limited stream	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 is restricted, but can be restored	Wetland is sensitive to future impacts
Result:	**Wetland has educational uses**	
Rationale:	Wetland is open to the public	Unmaintained public access within 250 feet
	No visible hazards to public	Wetland is not limited mobility accessible
	Public access to other habitats exist	
Result:	**Wetland has the potential to provide recreational activities**	
Rationale:	Unmaintained public access within 250 feet	Wetland provides habitat for some wildlife
	No boat launching can be developed	No fishing is allowed
	Maintained trails, viewing areas exist	No hunting is allowed
Result:	**Wetland is considered to be pleasing**	
Rationale:	More than two Cowardin classes are visible	Wetland surrounded by natural areas
	25 - 50% of wetland can be seen	Natural odors present at wetland
	No visual detractors are present	Some traffic and natural noises are present

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**S-MAR-W-14**
Project Location:	Benton County	**Approx. Area (acres):**	14.37
Date:	8/1/2002	**Wetland Types(s):**	PFO,PSS,PEM,POW

***Exclusions*: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

***Mandatory Locally Significant Wetland Criteria* : This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat*?		No
2 Is the wetland's *fish habitat function intact* ?		No
3 Is the wetland's *water quality function intact* ?	Yes	
4 Is the wetland's *hydrologic control function intact* ?	Yes	
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list)and is the wetland's *water quality function intact, or impacted or degraded*?	Yes	
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonidsand is the wetland's *fish habitat function intact, or impacted or degraded* ?	Yes	
Mandatory Locally Significant Wetland criteria satisfied ?	**Yes**	

***Optional Locally Significant Wetland Criteria* : local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant communityand provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function* .		No
2 Is the wetland publicly owned and used by a school or organizationand does the wetland provide *educational uses* ?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Locally Significant Wetland

Wetland Characterization Sheet

Project Name: Corvallis Natural Resource Inventory

		Wetland Code:	S-MAR-W-14
Date(s) of field work:	8/1/2002	Size (acres):	14.37
Data Sheet Numbers:	211, 212	Cowardin Class(es):	PFO,PSS,PEM,POW
Investigator(s):	ME/SE	HGM Class(es):	RFT, F

Location -- Legal:	T. 12S, R. 5W, S. 10
Other:	Southeast of Brooklane, west of Marys River
Tax Lots:	See accompanying table
Hydrologic basin:	MARY'S RIVER
Soil -- Mapped series:	Conser silty clay loam
Hydrologic Source:	Surface water, precipitation

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
Fraxinus latifolia	Oregon Ash	*Mentha arvensis*	Field Mint
		Phalaris arundinacea	Reed Canary Grass
		Epilobium watsonii	Watson's Willow-Herb
		Rumex crispus	Curly Dock

Comments: **Locally Significant Wetland**

The wetland is located west of the Mary's River and east along Brooklane Drive. It has palustrine forested (55%), scrub-shrub (30%), emergent (5%), and open water (10%) communities. A stream runs through the center of this system and a portion of it crosses under Brooklane Drive. DSL WD #'s 95-0059, 98-0282.

Adjacent upland species: Daucus carota, Holcus lanatus, Cirsium arvense, Lotus purshiana, Lactuca serriola, Anthoxanthum odoratum

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

Oregon Freshwater Wetland Assessment Methodology

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Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	Corvallis Natural Resource Inventory	Wetland:	S-MAR-W-15
Project Location:	Benton County	Wetland Type(s):	PEM

Date(s) of field work:	8/1/2002	Approx. Area (acres):	16.33
Onsite Assessment?:	YES	Investigator(s):	SE/ME
Wetland Location:	Southeast of Brooklane, west of Marys 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	B	Q-1	B	Q-1	B	Q-1	A	Q-1	B
Q-2	C	Q-2	C	Q-2	A	Q-2	A	Q-2	B
Q-3	C	Q-3	C	Q-3	B	Q-3	A	Q-3	A
Q-4	C	Q-4	C	Q-4	A	Q-4	C	Q-4	C
Q-5	A	Q-5	A	Q-5	C	Q-5	C	Q-5	C
Q-6	A	Q-6	C	Q-6	A	Q-6	C	Q-6	C
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 impacted or degraded
Hydrologic Control	Wetland's hydrologic control is impacted or degraded
Sensitivity to Impact	Wetland is potentially sensitive to future impacts

Function and Condition Assessment Answers

Enhancement Potential		Education		Recreation		Aesthetic Quality	
Q	A	Q	A	Q	A	Q	A
Q-1	A	Q-1	A	Q-1	A	Q-1	A
Q-2	C	Q-2	A	Q-2	C	Q-2	A
Q-3		Q-3	B	Q-3	C	Q-3	A
Q-4	A	Q-4	A	Q-4	B	Q-4	A
Q-5B	A	Q-5	A	Q-5	B	Q-5	A
Q-6	B	Q-6	A	Q-6	B	Q-6	A

Results:

Enhancement Potential	Wetland has high enhancement potential
Education	Wetland has educational uses
Recreation	Wetland 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:	Corvallis Natural Resource Inventory	**Wetland:**	**S-MAR-W-15**
Location:	Benton County	**Approx. Area (acres):**	16.33
Date:	8/1/2002	**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 greater than 40%
Result:	**Wetland's fish habitat function is impacted or degraded**	
Rationale:	25-50% of stream is shaded	Adjacent Water Quality Limited stream
	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 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
	Moderate vegetation cover	Adjacent Water Quality Limited stream
Result:	**Wetland's hydrologic control is impacted or degraded**	
Rationale:	Wetland is within 100 year floodplain	Herbaceous vegetation, no ponding
	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	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%
	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 has the potential to provide recreational activities**	
Rationale:	Maintained public access within 250 feet	Wetland provides habitat for some wildlife
	No boat launching can be developed	No fishing is allowed
	No trails or viewing areas exist	No hunting is allowed
Result:	**Wetland is considered to be pleasing**	
Rationale:	More than two Cowardin classes are visible	Wetland surrounded by natural areas
	>50% 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:	Corvallis Natural Resource Inventory	**Wetland:**	**S-MAR-W-15**
Project Location:	Benton County	**Approx. Area (acres):**	16.33
Date:	8/1/2002	**Wetland Types(s):**	PEM

Exclusions **: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

Mandatory Locally Significant Wetland Criteria **: This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat*?		No
2 Is the wetland's *fish habitat function intact*?		No
3 Is the wetland's *water quality function intact*?		No
4 Is the wetland's *hydrologic control function intact*?		No
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list) and is the wetland's *water quality function intact, or impacted or degraded*?	Yes	
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids and is the wetland's *fish habitat function intact, or impacted or degraded*?	Yes	
Mandatory Locally Significant Wetland criteria satisfied ?	**Yes**	

Optional Locally Significant Wetland Criteria **: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function*.		No
2 Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses*?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Locally Significant Wetland

Wetland Characterization Sheet

Project Name: Corvallis Natural Resource Inventory

		Wetland Code:	S-MAR-W-15
Date(s) of field work:	8/1/2002	Size (acres):	16.33
Data Sheet Numbers:	215, 216,217,218	Cowardin Class(es):	PEM
Investigator(s):	SE/ME	HGM Class(es):	S/F

Location -- Legal:	T. 12S, R. 5W, S. 10
Other:	Southeast of Brooklane, west of Marys River
Tax Lots:	0
Hydrologic basin:	MARY'S RIVER
Soil -- Mapped series:	Malabon silty clay loam, Coburg silty clay loam
Hydrologic Source:	Precipitation

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
Fraxinus latifolia (sapling)	Oregon ash	*Glyceria borealis*	Northern Manna Grass
		Rumex crispus	Curly Dock
		Festuca rubra	Red Fescue
		Holcus lanatus	Common Velvet Grass
		Deschampsia cespitosa	Tufted Hairgrass

Comments: **Locally Significant Wetland**

The wetland is located south of Brooklane Drive and west of the Mary's River. It is a palustrine emergent system with a ditch that flows south to the Mary's River. DSL WD # 95-0059.

Adjacent upland species: Pinus ponderosa, Crataegus monogyna, Pseudotsuga menziesii, Daucus carota, Epilobium brachycarpum, Chrysanthemum leucanthemum, Lotus purshiana, Hypericum perforatum, Cirsium arvense

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

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**S-MAR-W-16**
Project Location:	Benton County	**Wetland Type(s):**	PEMf

Date(s) of field work:	N/A	**Approx. Area (acres):**	154.37
Onsite Assessment?:	OFF-SITE	**Investigator(s):**	PF
Wetland Location:	West of HWY 99W, south of Wake Robin, north of Herbert		

Function and Condition Assessment Answers

Wildlife Habitat		Fish Habitat		Water Quality		Hydrologic Control		Sensitivity to Impact	
Q	**A**	**Q**	**A**	**Q**	**A**	**Q**	**A**	**Q**	**A**
Q-1	**C**	Q-1		Q-1	**B**	Q-1	**B**	Q-1	**B**
Q-2	**C**	Q-2		Q-2	**A**	Q-2	**A**	Q-2	**B**
Q-3	**B**	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	**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	**C**	Q-4	**B**	Q-4	**B**
Q-5B	**C**	Q-5	**C**	Q-5	**B**	Q-5	**A**
Q-6	**B**	Q-6	**B**	Q-6	**B**	Q-6	**A**

Results:

Enhancement Potential	Wetland has moderate potential for enhancement
Education	Wetland site is not appropriate for educational use
Recreation	Wetland is not appropriate or does not provide rec. opportunities
Aesthetic Quality	Wetland is considered to be moderately pleasing

Oregon Freshwater Wetland Assessment Methodology
Functions and Conditions Summary Sheet

Project:	Corvallis Natural Resource Inventory	**Wetland:**	**S-MAR-W-16**
Location:	Benton County	**Approx. Area (acres):**	154.37
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 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 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 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 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

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**S-MAR-W-16**
Project Location:	Benton County	**Approx. Area (acres):**	154.37
Date:	N/A	**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 *diverse wildlife habitat*?		No
2 Is the wetland's *fish habitat function intact*?		No
3 Is the wetland's *water quality function intact*?		No
4 Is the wetland's *hydrologic control function intact*?		No
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list) and is the wetland's *water quality function intact, or impacted or degraded*?	Yes	
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids and is the wetland's *fish habitat function intact, or impacted or degraded*?		No
Mandatory Locally Significant Wetland criteria satisfied ?	**Yes**	

***Optional Locally Significant Wetland Criteria*: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function*.		No
2 Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses*?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Locally Significant Wetland

Wetland Characterization Sheet

Project Name: Corvallis Natural Resource Inventory

		Wetland Code:	S-MAR-W-16
Date(s) of field work:	N/A	Size (acres):	154.37
Data Sheet Numbers:	OFF-SITE	Cowardin Class(es):	PEMf
Investigator(s):	PF	HGM Class(es):	F

Location -- Legal:	**T12S, R5W, Sec. 10, 15**
Other:	**West of HWY 99W, south of Wake Robin, north of Herbert**
Tax Lots:	**See accompanying table**
Hydrologic basin:	**MARY'S RIVER**
Soil -- Mapped series:	**Amity silt loam, Dayton silt loam, Concord silt loam**
Hydrologic Source:	**Precipitation**

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	

Comments: **Locally Significant Wetland**

OFF-SITE. Large agricultural fields with farmed wetlands. Topographic high separates S-MAR-W-16 from S-MAR-W-3, to the west. Delineated in 1991 (DSL WD #91-0080); the delineation includes areas mapped as Prior Converted Cropland (PC) and farmed wetland (FW). The properties are zoned industrial as well as surrounded by industrially zoned areas. Area of proposed Cascade View Industrial Park.

Adjacent upland vegetation: Festuca arundinacea, Lolium perenne.

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

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**S-MIL-W-1**
Project Location:	Benton County	**Wetland Type(s):**	PSS,PEM

Date(s) of field work:	9/18/2002	**Approx. Area (acres):**	2.00
Onsite Assessment?:	YES	**Investigator(s):**	ME/SE
Wetland Location:	North of Alexander Avenue, west of Stone Street		

Function and Condition Assessment Answers

Wildlife Habitat		Fish Habitat		Water Quality		Hydrologic Control		Sensitivity to Impact	
Q	**A**	**Q**	**A**	**Q**	**A**	**Q**	**A**	**Q**	**A**
Q-1	**A**	Q-1		Q-1	**B**	Q-1	**B**	Q-1	**B**
Q-2	**C**	Q-2		Q-2	**A**	Q-2	**A**	Q-2	**B**
Q-3	**C**	Q-3		Q-3	**C**	Q-3	**B**	Q-3	**A**
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	**A**	Q-6	**A**	Q-6	**C**
Q-7	**C**					Q-7	**A**		
Q-8	**C**								
Q-9A									
Q-9B	**C**								

Results:

Wildlife Habitat	Wetland provides habitat for some wildlife species
Fish Habitat	Fish habitat was not assessed for this wetland
Water Quality	Wetland's water-quality function is impacted or degraded
Hydrologic Control	Wetland's hydrologic control is impacted or degraded
Sensitivity to Impact	Wetland is potentially sensitive to future impacts

Function and Condition Assessment Answers

Enhancement Potential		Education		Recreation		Aesthetic Quality	
Q	**A**	**Q**	**A**	**Q**	**A**	**Q**	**A**
Q-1	**A**	Q-1	**C**	Q-1	**C**	Q-1	**B**
Q-2	**C**	Q-2	**A**	Q-2	**C**	Q-2	**A**
Q-3	**C**	Q-3	**B**	Q-3	**C**	Q-3	**A**
Q-4	**B**	Q-4	**B**	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 considered to be moderately pleasing

Oregon Freshwater Wetland Assessment Methodology
Functions and Conditions Summary Sheet

Project:	Corvallis Natural Resource Inventory	**Wetland:**	**S-MIL-W-1**
Location:	Benton County	**Approx. Area (acres):**	2.00
Date:	9/18/2002	**Wetland Types(s):**	PSS,PEM

Result:	**Wetland provides habitat for some wildlife species**	
Rationale:	More than one Cowardin class	Adjacent Water Quality limited stream
	Herbaceous vegetation, no ponding	Adjacent land is mostly developed
	Less than 0.5 acres of open water	Wetland buffer is less than 10%
Result:	**Fish habitat was not assessed for this wetland**	
Rationale:		
Result:	**Wetland's water-quality function is impacted or degraded**	
Rationale:	Primary water source is precipitation	Surface water connection to other wetlands
	Wetland floods/ponds in growing season	Adjacent land is mostly developed
	Low vegetation cover	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	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
	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 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
	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 development
	>50% 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:	Corvallis Natural Resource Inventory	**Wetland:**	**S-MIL-W-1**
Project Location:	Benton County	**Approx. Area (acres):**	2.00
Date:	9/18/2002	**Wetland Types(s):**	PSS,PEM

***Exclusions*: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

***Mandatory Locally Significant Wetland Criteria*: This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat*?		No
2 Is the wetland's *fish habitat function intact*?		No
3 Is the wetland's *water quality function intact*?		No
4 Is the wetland's *hydrologic control function intact*?		No
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list) and is the wetland's *water quality function intact, or impacted or degraded*?	Yes	
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids and is the wetland's *fish habitat function intact, or impacted or degraded*?		No
Mandatory Locally Significant Wetland criteria satisfied ?	**Yes**	

***Optional Locally Significant Wetland Criteria*: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function*.		No
2 Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses*?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Locally Significant Wetland

Wetland Characterization Sheet

Project Name: Corvallis Natural Resource Inventory

		Wetland Code:	S-MIL-W-1
Date(s) of field work:	9/18/2002	Size (acres):	2.00
Data Sheet Numbers:	205, 206	Cowardin Class(es):	PSS,PEM
Investigator(s):	ME/SE	HGM Class(es):	S/F

Location -- Legal:	T. 12S, R. 5W, S. 11
Other:	North of Alexander Avenue, west of Stone Street
Tax Lots:	See accompanying table
Hydrologic basin:	Mill Race
Soil -- Mapped series:	Dayton silt loam
Hydrologic Source:	Precipitation

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
		Holcus lanatus	Common Velvet Grass
		Juncus tenuis	Slender Rush
		Camassia quamash	Common Camas
		Alopecurus pratensis	Meadow Foxtail
		Agrostis tenuis	Colonial Bentgrass

Comments: **Locally Significant Wetland**

The wetland has palustrine scrub-shrub (15%) and emergent (85%) communities and is surrounded by residential homes. The wetland has a shallow ditch that continues north to Mayberry Avenue. It is zoned as residential. DSL WD #'s 96-0033, 96-475.

Adjacent upland species: Corylus cornuta, Crataegus monogyna, Rubus discolor, Festuca arundinacea, Holcus lanatus, Solanum dulcamara

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

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**S-RYA-W-1**
Project Location:	Benton County	**Wetland Type(s):**	POW

Date(s) of field work:	11/6/2002	**Approx. Area (acres):**	1.85
Onsite Assessment?:	NO	**Investigator(s):**	CR/PF
Wetland Location:	West of Crystal Lake Drive, north of Alexander		

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	**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	**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	**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	**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	**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:	Corvallis Natural Resource Inventory	**Wetland:**	**S-RYA-W-1**
Location:	Benton County	**Approx. Area (acres):**	1.85
Date:	11/6/2002	**Wetland Types(s):**	POW

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
	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
	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	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 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%
	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
	25 - 50% 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:	Corvallis Natural Resource Inventory	**Wetland:**	**S-RYA-W-1**
Project Location:	Benton County	**Approx. Area (acres):**	1.85
Date:	11/6/2002	**Wetland Types(s):**	POW

***Exclusions*: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

***Mandatory Locally Significant Wetland Criteria*: This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat*?		No
2 Is the wetland's *fish habitat function intact*?		No
3 Is the wetland's *water quality function intact*?		No
4 Is the wetland's *hydrologic control function intact*?	Yes	
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list) and is the wetland's *water quality function intact, or impacted or degraded*?	Yes	
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids and is the wetland's *fish habitat function intact, or impacted or degraded*?		No
Mandatory Locally Significant Wetland criteria satisfied ?	**Yes**	

***Optional Locally Significant Wetland Criteria*: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function*.		No
2 Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses*?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Locally Significant Wetland

Wetland Characterization Sheet

Project Name: Corvallis Natural Resource Inventory

		Wetland Code:	S-RYA-W-1
Date(s) of field work:	11/6/2002	Size (acres):	1.85
Data Sheet Numbers:	OFF-SITE	Cowardin Class(es):	POW
Investigator(s):	CR/PF	HGM Class(es):	DCP

Location -- Legal:	T. 12S, R. 5W, S. 2
Other:	West of Crystal Lake Drive, north of Alexander
Tax Lots:	See accompanying table
Hydrologic basin:	RYAN CREEK
Soil -- Mapped series:	Willamette silt loam, 0-3% slopes
Hydrologic Source:	Precipitation

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
Fraxinus latifolia	Oregon Ash	*Agrostis tenuis*	Colonial Bentgrass
		Holcus lanatus	Common Velvet Grass

Comments: **Locally Significant Wetland**

OFF-SITE. Developed pond located within a residential complex and small intermittent drainage drains south. Pond site and surrounding area is zoned residential; DSL WD # 95-0159.

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

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

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**S-RYA-W-2**
Project Location:	Benton County	**Wetland Type(s):**	PEM

Date(s) of field work:	9/18/2002	**Approx. Area (acres):**	0.57
Onsite Assessment?:	YES	**Investigator(s):**	ME/SE
Wetland Location:	East and South of Marion Avenue, west of Crystal Lake 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	**B**	Q-1	**B**	Q-1	**A**
Q-2	**C**	Q-2		Q-2	**C**	Q-2	**C**	Q-2	**B**
Q-3	**C**	Q-3		Q-3	**A**	Q-3	**C**	Q-3	**C**
Q-4	**C**	Q-4		Q-4	**C**	Q-4	**C**	Q-4	**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 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	**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	**C**	Q-4	**B**	Q-4	**B**	Q-4	**C**
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 not aesthetically pleasing

Oregon Freshwater Wetland Assessment Methodology
Functions and Conditions Summary Sheet

Project:	Corvallis Natural Resource Inventory	**Wetland:**	**S-RYA-W-2**
Location:	Benton County	**Approx. Area (acres):**	0.57
Date:	9/18/2002	**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	Isolated from other wetlands
	Wetland does not flood or pond	Adjacent land is mostly developed
	High wetland vegetation cover	No adjacent Water Quality Limited streams
Result:	**Wetland's hydrologic control function is lost or not present**	
Rationale:	Wetland is not within 100 year floodplain	Herbaceous vegetation, no ponding
	Wetland does not flood or pond	Development downslope of wetland
	Water has unrestricted flow out of wetland	Development upslope of wetland
Result:	**Wetland is potentially sensitive to future impacts**	
Rationale:	Stream modified or isolated wetland	Adjacent land is mostly developed
	Water not taken out	Adjacent zoning is primarily development
	No adjacent Water Quality Limited streams	Herbaceous vegetation, no ponding
Result:	**Wetland has moderate potential for enhancement**	
Rationale:	Wetland functions are impacted or degraded	Wetland is less than 0.5 acres
	Primary water source is precipitation	Wetland buffer is less than 10%
	Water flow is permanently restricted	Potentially sensitive to future impacts
Result:	**Wetland site is not appropriate for educational use**	
Rationale:	No access allowed to wetland	Maintained public access within 250 feet
	No visible hazards to public	Wetland is 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 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

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**S-RYA-W-2**
Project Location:	Benton County	**Approx. Area (acres):**	0.57
Date:	9/18/2002	**Wetland Types(s):**	PEM

***Exclusions*: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

***Mandatory Locally Significant Wetland Criteria* : This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat*?		No
2 Is the wetland's *fish habitat function intact*?		No
3 Is the wetland's *water quality function intact*?		No
4 Is the wetland's *hydrologic control function intact*?		No
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list) and is the wetland's *water quality function intact, or impacted or degraded*?		No
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids and is the wetland's *fish habitat function intact, or impacted or degraded*?		No
Mandatory Locally Significant Wetland criteria satisfied ?		**No**

***Optional Locally Significant Wetland Criteria* : local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function* .		No
2 Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses*?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Does not satisfy the criteria, Not a Locally Significant Wetland

Wetland Characterization Sheet

Project Name: Corvallis Natural Resource Inventory

		Wetland Code:	S-RYA-W-2
Date(s) of field work:	9/18/2002	Size (acres):	0.57
Data Sheet Numbers:	34, 36	Cowardin Class(es):	PEM
Investigator(s):	ME/SE	HGM Class(es):	F

Location -- Legal:	**T. 12S, R. 5W, S. 11**
Other:	**East and South of Marion Avenue, west of Crystal Lake Drive**
Tax Lots:	**See accompanying table**
Hydrologic basin:	**RYAN CREEK**
Soil -- Mapped series:	**Dayton silt loam**
Hydrologic Source:	**Precipitation**

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
		Fraxinus latifolia	**Oregon Ash**
		Holcus lanatus	**Common Velvet Grass**
		Agrostis tenuis	**Colonial Bentgrass**
		Trifolium pratense	**Red Clover**
		Plantago major	**Common Plantain**

Comments:

The wetland is a palustrine emergent (100%) system surrounded by residential homes. It is zoned as residential.

Adjacent upland species: Crataegus douglasii, Psedotsuga menziesii, Festuca arundinacea, Daucus carota, Hypochaeris radicata, Centaurium umbellatum

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

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**S-WIL-W-1**
Project Location:	Benton County	**Wetland Type(s):**	PEM

Date(s) of field work:	9/19/2002	**Approx. Area (acres):**	1.44
Onsite Assessment?:	NO	**Investigator(s):**	ME
Wetland Location:	West of Booneville Channel, east of Hwy. 99		

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	**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 impacted or degraded
Hydrologic Control	Wetland's hydrologic control is impacted or degraded
Sensitivity to Impact	Wetland is potentially sensitive to future impacts

Function and Condition Assessment Answers

Enhancement Potential		Education		Recreation		Aesthetic Quality	
Q	**A**	**Q**	**A**	**Q**	**A**	**Q**	**A**
Q-1	**A**	Q-1	**C**	Q-1	**C**	Q-1	**B**
Q-2	**C**	Q-2	**A**	Q-2	**C**	Q-2	**C**
Q-3		Q-3	**B**	Q-3	**C**	Q-3	**A**
Q-4	**B**	Q-4	**C**	Q-4	**B**	Q-4	**A**
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:	Corvallis Natural Resource Inventory	**Wetland:**	**S-WIL-W-1**
Location:	Benton County	**Approx. Area (acres):**	1.44
Date:	9/19/2002	**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	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	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 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 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:	Corvallis Natural Resource Inventory	**Wetland:**	**S-WIL-W-1**
Project Location:	Benton County	**Approx. Area (acres):**	1.44
Date:	9/19/2002	**Wetland Types(s):**	PEM

***Exclusions*: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

***Mandatory Locally Significant Wetland Criteria*: This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat*?		No
2 Is the wetland's *fish habitat function intact*?		No
3 Is the wetland's *water quality function intact*?		No
4 Is the wetland's *hydrologic control function intact*?		No
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list) and is the wetland's *water quality function intact, or impacted or degraded*?		No
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids and is the wetland's *fish habitat function intact, or impacted or degraded*?		No
Mandatory Locally Significant Wetland criteria satisfied ?		**No**

***Optional Locally Significant Wetland Criteria*: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function*.		No
2 Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses*?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Does not satisfy the criteria, Not a Locally Significant Wetland

Wetland Characterization Sheet

Project Name: Corvallis Natural Resource Inventory

		Wetland Code:	S-WIL-W-1
Date(s) of field work:	9/19/2002	Size (acres):	1.44
Data Sheet Numbers:	OFF-SITE	Cowardin Class(es):	PEM
Investigator(s):	ME	HGM Class(es):	F

Location -- Legal:	**T. 12S, R. 5W, S. 23**
Other:	**West of Booneville Channel, east of Hwy. 99**
Tax Lots:	**See accompanying table**
Hydrologic basin:	**WILLAMETTE RIVER**
Soil -- Mapped series:	**Dayton silt loam**
Hydrologic Source:	**Precipitation**

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
Crataegus douglasii	Douglas' Hawthorn	*Alopecurus pratensis*	Meadow Foxtail
		Holcus lanatus	Common Velvet Grass
		Juncus effusus	Soft Rush
		Agrostis tenuis	Colonial Bentgrass

Comments:

Offsite - Wet meadow located east of Highway 99 W. Isolated depressional areas with no apparent connection to other wetlands. There is a residential driveway immediately adjacent to the wetland, which may have altered the hydrology of this system. Zoned residential.

Adjacent upland species: Pinus ponderosa, Crataegus monogyna, Festuca arundinacea, and residential lawns and ornamental landscaping

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

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**S-WIL-W-2**
Project Location:	Benton County	**Wetland Type(s):**	PFO

Date(s) of field work:	9/18/2002	**Approx. Area (acres):**	0.86
Onsite Assessment?:	YES	**Investigator(s):**	ME/SE
Wetland Location:	Booneville Slough, east of Standish Avenue/Highway 99 W		

Function and Condition Assessment Answers

Wildlife Habitat		Fish Habitat		Water Quality		Hydrologic Control		Sensitivity to Impact	
Q	**A**	**Q**	**A**	**Q**	**A**	**Q**	**A**	**Q**	**A**
Q-1	**B**	Q-1	**B**	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	**A**	Q-3	**A**	Q-3	**A**	Q-3	**C**
Q-4	**A**	Q-4	**A**	Q-4	**A**	Q-4	**C**	Q-4	**B**
Q-5	**A**	Q-5	**B**	Q-5	**B**	Q-5	**A**	Q-5	**B**
Q-6	**A**	Q-6	**A**	Q-6	**C**	Q-6	**A**	Q-6	**A**
Q-7	**A**					Q-7	**B**		
Q-8	**B**								
Q-9A									
Q-9B	**B**								

Results:

Wildlife Habitat	Wetland provides diverse wildlife habitat
Fish Habitat	Wetland's fish habitat function is intact
Water Quality	Wetland's water-quality function is intact
Hydrologic Control	Wetland's hydrologic control function is intact
Sensitivity to Impact	Wetland is potentially sensitive to future impacts

Function and Condition Assessment Answers

Enhancement Potential		Education		Recreation		Aesthetic Quality	
Q	**A**	**Q**	**A**	**Q**	**A**	**Q**	**A**
Q-1		Q-1	**C**	Q-1	**C**	Q-1	**A**
Q-2		Q-2	**B**	Q-2	**B**	Q-2	**C**
Q-3	**A**	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	**A**	Q-5	**A**
Q-6		Q-6	**B**	Q-6	**B**	Q-6	**A**

Results:

Enhancement Potential	Due to diverse wildlife habitat, this wetland cannot be enhanced
Education	Wetland site is not appropriate for educational use
Recreation	Wetland has the potential to provide recreational activities
Aesthetic Quality	Wetland is considered to be pleasing

Oregon Freshwater Wetland Assessment Methodology
Functions and Conditions Summary Sheet

Project:	Corvallis Natural Resource Inventory	**Wetland:**	**S-WIL-W-2**
Location:	Benton County	**Approx. Area (acres):**	0.86
Date:	9/18/2002	**Wetland Types(s):**	PFO

Result:	**Wetland provides diverse wildlife habitat**	
Rationale:	One Cowardin class with > 5 species	No adjacent Water Quality limited streams
	Dominated by woody vegetation	Adjacent land use is primarily agriculture
	Greater than 1 acre of open water	Wetland buffer is between 10% and 40%
Result:	**Wetland's fish habitat function is intact**	
Rationale:	25-50% of stream is shaded	No adjacent Water Quality Limited streams
	Stream is in a natural channel	Adjacent land use is primarily agriculture
	>25% of stream has instream structures	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 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	Dominated by woody vegetation
	Wetland floods/ponds in growing season	Development downslope of wetland
	Water has unrestricted flow out of wetland	Agriculture upslope of wetland
Result:	**Wetland is potentially sensitive to future impacts**	
Rationale:	Stream not modified	Adjacent land 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
	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:	No access point to wetland exists	Wetland provides diverse wildlife habitat
	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 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:	Corvallis Natural Resource Inventory	**Wetland:**	**S-WIL-W-2**
Project Location:	Benton County	**Approx. Area (acres):**	0.86
Date:	9/18/2002	**Wetland Types(s):**	PFO

***Exclusions*: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

***Mandatory Locally Significant Wetland Criteria*: This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat*?	Yes	
2 Is the wetland's *fish habitat function intact*?	Yes	
3 Is the wetland's *water quality function intact*?	Yes	
4 Is the wetland's *hydrologic control function intact*?	Yes	
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list)and is the wetland's *water quality function intact, or impacted or degraded*?	Yes	
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?	Yes	
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonidsand is the wetland's *fish habitat function intact, or impacted or degraded*?	Yes	
Mandatory Locally Significant Wetland criteria satisfied ?	**Yes**	

***Optional Locally Significant Wetland Criteria*: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant communityand provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function*.		No
2 Is the wetland publicly owned and used by a school or organizationand does the wetland provide *educational uses*?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Locally Significant Wetland

Wetland Characterization Sheet

Project Name: Corvallis Natural Resource Inventory

		Wetland Code:	S-WIL-W-2
Date(s) of field work:	9/18/2002	Size (acres):	0.86
Data Sheet Numbers:	249, 250	Cowardin Class(es):	PFO
Investigator(s):	ME/SE	HGM Class(es):	RFT

Location -- Legal:	T. 12S, R. 5W, S. 23
Other:	Booneville Slough, east of Standish Avenue/Highway 99 W
Tax Lots:	See accompanying table
Hydrologic basin:	WILLAMETTE RIVER
Soil -- Mapped series:	Woodburn silt loam, 0-3% slopes
Hydrologic Source:	Surface water

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
Fraxinus latifolia	Oregon Ash	*Bidens frondosa*	Devil's Beggar-Ticks
Crataegus douglasii	Douglas' Hawthorn	*Polygonum hydropiper*	Marshpepper Smartweed
		Scutellaria lateriflora	Blue Skullcap
		Impatiens noli-tangere	Western Touch-Me-Not
		Lycopus uniflorus	One-Flower Bugleweed
		Solanum dulcamara	Bittersweet Nightshade
		Glyceria occidentalis	Northwestern Manna Grass

Comments: **Locally Significant Wetland**

Forested wet;and fringe along Booneville Slough, which is connected to the Willamette River, to the south. Entire wetland is much larger than indicated, but lies east of the UGB. The adjacent land is zoned as residential and adjacent land use includes residential and agricultural. Lower reach of Booneville Slough is Essential Salmonid Habitat. May be pond turtles in area. WETLAND OF SPECIAL INTEREST FOR PROTECTION.

Adjacent upland species: Acer macrophyllum, Symphoricarpos albus, Oemleria cerasiformis, Rubus parviflorus, Polysticum munitum, Hedera helix, Rubus ursinus

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

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	Corvallis Natural Resource Inventory	Wetland:	S-WIL-W-3
Project Location:	Benton County	Wetland Type(s):	PEM

Date(s) of field work:	9/19/2002	Approx. Area (acres):	0.87
Onsite Assessment?:	NO	Investigator(s):	ME
Wetland Location:	East of Corliss Drive, west of Booneville Channel, east of Hwy. 99		

Function and Condition Assessment Answers

Wildlife Habitat		Fish Habitat		Water Quality		Hydrologic Control		Sensitivity to Impact	
Q	A	Q	A	Q	A	Q	A	Q	A
Q-1	A	Q-1		Q-1	B	Q-1	B	Q-1	A
Q-2	C	Q-2		Q-2	B	Q-2	B	Q-2	A
Q-3	C	Q-3		Q-3	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	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	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	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:	Corvallis Natural Resource Inventory	**Wetland:**	**S-WIL-W-3**
Location:	Benton County	**Approx. Area (acres):**	0.87
Date:	9/19/2002	**Wetland Types(s):**	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 impacted or degraded**	
Rationale:	Primary water source is precipitation	Surface water connection to other wetlands
	Can't determine if wetland floods or ponds	Adjacent land use is primarily agriculture
	High wetland vegetation cover	No adjacent Water Quality Limited streams
Result:	**Wetland's hydrologic control is impacted or degraded**	
Rationale:	Wetland is not within 100 year floodplain	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 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 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:	Corvallis Natural Resource Inventory	**Wetland:**	**S-WIL-W-3**
Project Location:	Benton County	**Approx. Area (acres):**	0.87
Date:	9/19/2002	**Wetland Types(s):**	PEM

***Exclusions*: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

***Mandatory Locally Significant Wetland Criteria*: This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat*?		No
2 Is the wetland's *fish habitat function intact*?		No
3 Is the wetland's *water quality function intact*?		No
4 Is the wetland's *hydrologic control function intact*?		No
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list) and is the wetland's *water quality function intact, or impacted or degraded*?		No
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids and is the wetland's *fish habitat function intact, or impacted or degraded*?		No
Mandatory Locally Significant Wetland criteria satisfied ?		**No**

***Optional Locally Significant Wetland Criteria*: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function*.		No
2 Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses*?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Does not satisfy the criteria, Not a Locally Significant Wetland

Wetland Characterization Sheet

Project Name: Corvallis Natural Resource Inventory

		Wetland Code:	S-WIL-W-3
Date(s) of field work:	9/19/2002	Size (acres):	0.87
Data Sheet Numbers:	OFF-SITE	Cowardin Class(es):	PEM
Investigator(s):	ME	HGM Class(es):	F

Location -- Legal:	~~T. 12S, R. 5W, S. 23~~
Other:	**East of Corliss Drive, west of Booneville Channel, east of Hwy. 99**
Tax Lots:	**See accompanying table**
Hydrologic basin:	**WILLAMETTE RIVER**
Soil -- Mapped series:	**Dayton silt loam**
Hydrologic Source:	**Precipitation**

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
Crataegus douglasii	Douglas' Hawthorn	*Alopecurus pratensis*	Meadow Foxtail
		Holcus lanatus	Common Velvet Grass
		Juncus effusus	Soft Rush
		Agrostis tenuis	Colonial Bentgrass

Comments:

Offsite - Wet meadow located east of Highway 99 W. Isolated depression with no apparent connection to other wetlands. Zoned low density residential.

Adjacent upland species: Pinus ponderosa, Crataegus monogyna, Festuca arundinacea, and residential lawns and ornamental landscaping

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

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**S-WIL-W-4**
Project Location:	Benton County	**Wetland Type(s):**	PSS,PEM

Date(s) of field work:	9/19/2002	**Approx. Area (acres):**	9.91
Onsite Assessment?:	NO	**Investigator(s):**	ME/FS
Wetland Location:	North of Corliss Drive, west of Booneville Channel, east of Hwy. 99		

Function and Condition Assessment Answers

Wildlife Habitat		Fish Habitat		Water Quality		Hydrologic Control		Sensitivity to Impact	
Q	**A**	**Q**	**A**	**Q**	**A**	**Q**	**A**	**Q**	**A**
Q-1	**A**	Q-1		Q-1	**B**	Q-1	**B**	Q-1	**A**
Q-2	**C**	Q-2		Q-2	**B**	Q-2	**B**	Q-2	**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	**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	**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	**C**	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:	Corvallis Natural Resource Inventory	**Wetland:**	**S-WIL-W-4**
Location:	Benton County	**Approx. Area (acres):**	9.91
Date:	9/19/2002	**Wetland Types(s):**	PSS,PEM

Result:	**Wetland provides habitat for some wildlife species**	
Rationale:	More than one Cowardin class	No adjacent Water Quality limited streams
	Herbaceous vegetation, no ponding	Adjacent land use is primarily agriculture
	Less than 0.5 acres of open water	Wetland buffer is greater than 40%
Result:	**Fish habitat was not assessed for this wetland**	
Rationale:		
Result:	**Wetland's water-quality function is impacted or degraded**	
Rationale:	Primary water source is precipitation	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	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 development
	No adjacent Water Quality Limited streams	Herbaceous vegetation, no ponding
Result:	**Wetland has high enhancement potential**	
Rationale:	Wetland functions are impacted or degraded	Wetland is between 0.5 and 5 acres
	Primary water source is precipitation	Wetland buffer is greater than 40%
	Water flow is permanently restricted	Potentially sensitive to future impacts
Result:	**Wetland 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

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**S-WIL-W-4**
Project Location:	Benton County	**Approx. Area (acres):**	9.91
Date:	9/19/2002	**Wetland Types(s):**	PSS,PEM

***Exclusions*: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

***Mandatory Locally Significant Wetland Criteria*: This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat*?		No
2 Is the wetland's *fish habitat function intact*?		No
3 Is the wetland's *water quality function intact*?		No
4 Is the wetland's *hydrologic control function intact*?		No
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list) and is the wetland's *water quality function intact, or impacted or degraded*?		No
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids and is the wetland's *fish habitat function intact, or impacted or degraded*?		No
Mandatory Locally Significant Wetland criteria satisfied ?		**No**

***Optional Locally Significant Wetland Criteria*: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function*.		No
2 Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses*?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Does not satisfy the criteria, Not a Locally Significant Wetland

Wetland Characterization Sheet

Project Name: Corvallis Natural Resource Inventory

		Wetland Code:	S-WIL-W-4
Date(s) of field work:	9/19/2002	Size (acres):	9.91
Data Sheet Numbers:	OFF-SITE	Cowardin Class(es):	PSS,PEM
Investigator(s):	ME/FS	HGM Class(es):	F

Location -- Legal:	**T. 12S, R. 5W, S. 23**
Other:	**North of Corliss Drive, west of Booneville Channel, east of Hwy. 99**
Tax Lots:	**See accompanying table**
Hydrologic basin:	**WILLAMETTE RIVER**
Soil -- Mapped series:	**Dayton silt loam**
Hydrologic Source:	**Precipitation**

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
		Alopecurus pratensis	Meadow Foxtail
		Holcus lanatus	Common Velvet Grass
		Juncus effusus	Soft Rush
		Rumex crispus	Curly Dock

Comments:

Offsite - Wet meadow with palustrine scrub-shrub (5%) and emergent (95%) communities located east of Highway 99 W, north of Corliss Drive, west of the Bonneville Channel.

Adjacent upland species: Pinus ponderosa, Crataegus monogyna,Festuca arundinacea, and residential lawns and ornamental landscaping

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

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**S-WIL-W-5**
Project Location:	Benton County	**Wetland Type(s):**	PEMf

Date(s) of field work:	9/17/2002	**Approx. Area (acres):**	36.65
Onsite Assessment?:	NO	**Investigator(s):**	CR / LW
Wetland Location:	South of SE Kiger Island Drive, east of HWY 99W		

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	**B**	Q-2	**B**	Q-2	**A**
Q-3	**C**	Q-3		Q-3	**C**	Q-3	**B**	Q-3	**A**
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	**A**	Q-6	**B**	Q-6	**C**
Q-7	**C**					Q-7	**B**		
Q-8	**B**								
Q-9A									
Q-9B	**A**								

Results:

Wildlife Habitat	Wetland provides habitat for some wildlife species
Fish Habitat	Fish habitat was not assessed for this wetland
Water Quality	Wetland's water-quality function is impacted or degraded
Hydrologic Control	Wetland's hydrologic control is impacted or degraded
Sensitivity to Impact	Wetland is 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	**C**	Q-4	**B**	Q-4	**B**
Q-5B	**A**	Q-5	**C**	Q-5	**B**	Q-5	**A**
Q-6	**C**	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:	Corvallis Natural Resource Inventory	**Wetland:**	**S-WIL-W-5**
Location:	Benton County	**Approx. Area (acres):**	36.65
Date:	9/17/2002	**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 greater than 40%
Result:	**Fish habitat was not assessed for this wetland**	
Rationale:		
Result:	**Wetland's water-quality function is impacted or degraded**	
Rationale:	Primary water source is precipitation	Surface water connection to other wetlands
	Can't determine if wetland floods or ponds	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
	Can't determine if wetland floods or ponds	Agriculture downslope of wetland
	Water has unrestricted flow out of wetland	Agriculture upslope of wetland
Result:	**Wetland is 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
	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 between 0.5 and 5 acres
	Primary water source is precipitation	Wetland buffer is greater than 40%
	Water flow is permanently restricted	Wetland is 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
	No visual detractors are present	Continuous traffic and natural noises occur

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**S-WIL-W-5**
Project Location:	Benton County	**Approx. Area (acres):**	36.65
Date:	9/17/2002	**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 *diverse wildlife habitat*?		No
2 Is the wetland's *fish habitat function intact*?		No
3 Is the wetland's *water quality function intact*?		No
4 Is the wetland's *hydrologic control function intact*?		No
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list) and is the wetland's *water quality function intact, or impacted or degraded*?	Yes	
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids and is the wetland's *fish habitat function intact, or impacted or degraded*?		No
Mandatory Locally Significant Wetland criteria satisfied ?	**Yes**	

***Optional Locally Significant Wetland Criteria*: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function*.		No
2 Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses*?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Locally Significant Wetland

Wetland Characterization Sheet

Project Name: Corvallis Natural Resource Inventory

		Wetland Code:	S-WIL-W-5
Date(s) of field work:	9/17/2002	Size (acres):	36.65
Data Sheet Numbers:	OFF-SITE	Cowardin Class(es):	PEMf
Investigator(s):	CR / LW	HGM Class(es):	F

Location -- Legal:	**T12S, R5W, Sec. 14**
Other:	**South of SE Kiger Island Drive, east of HWY 99W**
Tax Lots:	**See accompanying table**
Hydrologic basin:	**Willamette River**
Soil -- Mapped series:	**Dayton silt loam**
Hydrologic Source:	**Precipitation**

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	

Comments: **Locally Significant Wetland**

OFF-SITE. Recently tilled agricultural field, no vegetation. Located along the west side of the Willamette River. Primary source of hydrology appears to be precipitation. Upland pasture borders the eastern edge of the wetland, and roads border the northern, southern and western edges. Large agricultural fields are located to the north, south and west. Zoned residential.

Adjacent upland vegetation: Festuca arundinacea, Lolium perenne.

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

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**S-WIL-W-6**
Project Location:	Benton County	**Wetland Type(s):**	PEM, PSS, PFO

Date(s) of field work:	9/27/2002	**Approx. Area (acres):**	1.01
Onsite Assessment?:	NO	**Investigator(s):**	CR/FS
Wetland Location:	East of HWY 99W, north of Rivergreen 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	**C**	Q-3		Q-3	**A**	Q-3	**B**	Q-3	**A**
Q-4	**A**	Q-4	**C**	Q-4	**B**	Q-4	**C**	Q-4	**A**
Q-5	**A**	Q-5	**C**	Q-5	**A**	Q-5	**A**	Q-5	**B**
Q-6	**A**	Q-6		Q-6	**A**	Q-6	**A**	Q-6	**A**
Q-7	**C**					Q-7	**B**		
Q-8	**C**								
Q-9A									
Q-9B	**B**								

Results:

Wildlife Habitat	Wetland provides habitat for some wildlife species
Fish Habitat	Wetland's fish habitat function is impacted or degraded
Water Quality	Wetland's water-quality function is intact
Hydrologic Control	Wetland's hydrologic control function is intact
Sensitivity to Impact	Wetland is potentially sensitive to future impacts

Function and Condition Assessment Answers

Enhancement Potential		Education		Recreation		Aesthetic Quality	
Q	**A**	**Q**	**A**	**Q**	**A**	**Q**	**A**
Q-1	**B**	Q-1	**C**	Q-1	**C**	Q-1	**B**
Q-2	**A**	Q-2	**A**	Q-2	**B**	Q-2	**B**
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	**B**	Q-5	**C**	Q-5	**B**	Q-5	**A**
Q-6	**B**	Q-6	**B**	Q-6	**B**	Q-6	**A**

Results:

Enhancement Potential	Wetland has moderate potential for enhancement
Education	Wetland site is not appropriate for educational use
Recreation	Wetland 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:	Corvallis Natural Resource Inventory	**Wetland:**	**S-WIL-W-6**
Location:	Benton County	**Approx. Area (acres):**	1.01
Date:	9/27/2002	**Wetland Types(s):**	PEM, PSS, PFO

Result:	**Wetland provides habitat for some wildlife species**	
Rationale:	More than one Cowardin class	Adjacent Water Quality limited stream
	Dominated by woody vegetation	Adjacent land is mostly developed
	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	Stream does not contain fish
Result:	**Wetland's water-quality function is intact**	
Rationale:	Primary water source is surface flow	Surface water connection to other wetlands
	Wetland floods/ponds in growing season	Adjacent land is mostly developed
	High wetland vegetation cover	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	Agriculture upslope of wetland
Result:	**Wetland is potentially sensitive to future impacts**	
Rationale:	Stream not modified	Adjacent land is mostly developed
	Water is taken out or isolated wetland	Adjacent zoning is primarily agriculture
	Adjacent Water Quality Limited stream	Dominated by woody vegetation
Result:	**Wetland has moderate potential for enhancement**	
Rationale:	One or more functions lost/not present	Wetland is between 0.5 and 5 acres
	Primary water source is surface flow	Wetland buffer is between 10% and 40%
	Flow into wetland is not restricted	Potentially sensitive to future impacts
Result:	**Wetland site is not appropriate for educational use**	
Rationale:	No access allowed to wetland	No access point to wetland exists
	No visible hazards to public	Wetland is not limited mobility accessible
	No access or observation of other habitats	
Result:	**Wetland has the potential to provide recreational activities**	
Rationale:	No access point to wetland exists	Wetland provides habitat for some wildlife
	Boat launching can be developed	No fishing is allowed
	No trails or viewing areas exist	No hunting is allowed
Result:	**Wetland is considered to be moderately pleasing**	
Rationale:	Two Cowardin classes visible	Wetland surrounded by landscaped areas
	25 - 50% of wetland can be seen	Natural odors present at wetland
	No visual detractors are present	Some traffic and natural noises are present

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**S-WIL-W-6**
Project Location:	Benton County	**Approx. Area (acres):**	1.01
Date:	9/27/2002	**Wetland Types(s):**	PEM, PSS, PFO

***Exclusions*: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

***Mandatory Locally Significant Wetland Criteria*: This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat*?		No
2 Is the wetland's *fish habitat function intact*?		No
3 Is the wetland's *water quality function intact*?	Yes	
4 Is the wetland's *hydrologic control function intact*?	Yes	
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list)and is the wetland's *water quality function intact, or impacted or degraded*?	Yes	
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonidsand is the wetland's *fish habitat function intact, or impacted or degraded*?	Yes	
Mandatory Locally Significant Wetland criteria satisfied ?	**Yes**	

***Optional Locally Significant Wetland Criteria*: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant communityand provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function*.		No
2 Is the wetland publicly owned and used by a school or organizationand does the wetland provide *educational uses*?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Locally Significant Wetland

Wetland Characterization Sheet

Project Name: Corvallis Natural Resource Inventory

		Wetland Code:	**S-WIL-W-6**
Date(s) of field work:	**9/27/2002**	Size (acres):	**1.01**
Data Sheet Numbers:	**OFF-SITE**	Cowardin Class(es):	**PEM, PSS, PFO**
Investigator(s):	**CR/FS**	HGM Class(es):	**S/F, RFT**

Location -- Legal:	**T12S, R5W, Sec. 14**
Other:	**East of HWY 99W, north of Rivergreen Avenue**
Tax Lots:	**See accompanying table**
Hydrologic basin:	**Willamette River**
Soil -- Mapped series:	**Newberg loam, Willamette silt loam, 0-3% slopes**
Hydrologic Source:	**Precipitation**

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
Populus trichocarpa	**Black Cottonwood**	***Agrostis tenuis***	**Colonial Bentgrass**
Salix piperi	**Piper's Willow**		

Comments: **Locally Significant Wetland**

OFF-SITE. Wetland appears to consist of approximately 10% PFO, 10% PEM and 80% PSS wetland. Possible seasonal overflow area for the Willamette River. Forested riparian edge is located along the western fringe of the wetland. Wetland is located south of a water treatment facility. Wetland site is zoned agricultural-open space; adjacent area is zoned residential and public institutional.

Adjacent upland species: *Festuca arundinacea, Hypochaeris radicata, Daucus carota.*

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

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**S-WIL-W-7**
Project Location:	Benton County	**Wetland Type(s):**	PFO,PSS,PEM

Date(s) of field work:	11/6/2002	**Approx. Area (acres):**	9.85
Onsite Assessment?:	YES	**Investigator(s):**	SE/ME
Wetland Location:	Willamette Park		

Function and Condition Assessment Answers

Wildlife Habitat		Fish Habitat		Water Quality		Hydrologic Control		Sensitivity to Impact	
Q	**A**	**Q**	**A**	**Q**	**A**	**Q**	**A**	**Q**	**A**
Q-1	**A**	Q-1	**C**	Q-1	**B**	Q-1	**A**	Q-1	**A**
Q-2	**C**	Q-2	**B**	Q-2	**A**	Q-2	**A**	Q-2	**A**
Q-3	**C**	Q-3	**A**	Q-3	**A**	Q-3	**A**	Q-3	**C**
Q-4	**B**	Q-4	**A**	Q-4	**A**	Q-4	**A**	Q-4	**C**
Q-5	**B**	Q-5	**A**	Q-5	**C**	Q-5	**C**	Q-5	**C**
Q-6	**B**	Q-6	**C**	Q-6	**C**	Q-6	**C**	Q-6	**C**
Q-7	**A**					Q-7	**A**		
Q-8	**A**								
Q-9A									
Q-9B	**A**								

Results:

Wildlife Habitat	Wetland provides habitat for some wildlife species
Fish Habitat	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	**C**	Q-2	**B**	Q-2	**C**	Q-2	**B**
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	**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 potential for educational use
Recreation	Wetland has the potential to provide recreational activities
Aesthetic Quality	Wetland is considered to be pleasing

Oregon Freshwater Wetland Assessment Methodology
Functions and Conditions Summary Sheet

Project:	Corvallis Natural Resource Inventory	**Wetland:**	**S-WIL-W-7**
Location:	Benton County	**Approx. Area (acres):**	9.85
Date:	11/6/2002	**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
	Between 0.5 - 1 acre of open water	Wetland buffer is greater than 40%
Result:	**Wetland's fish habitat function is impacted or degraded**	
Rationale:	Less than 25% of stream is shaded	No adjacent Water Quality Limited streams
	Only portions of stream are modified	Adjacent land is primarily open space
	>25% 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 more than 5 acres in size
	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	Open space downslope of development
	Flow out of wetland is restricted	Development upslope of wetland
Result:	**Wetland is potentially sensitive to future impacts**	
Rationale:	Stream modified or isolated wetland	Adjacent land is primarily open space
	Water is taken out or isolated wetland	Adjacent zoning is mostly open space
	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%
	Water flow is permanently 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 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
	No visual detractors are present	Some traffic and natural noises are present

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**S-WIL-W-7**
Project Location:	Benton County	**Approx. Area (acres):**	9.85
Date:	11/6/2002	**Wetland Types(s):**	PFO,PSS,PEM

***Exclusions*: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

***Mandatory Locally Significant Wetland Criteria*: This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat*?		No
2 Is the wetland's *fish habitat function intact*?		No
3 Is the wetland's *water quality function intact*?	Yes	
4 Is the wetland's *hydrologic control function intact*?	Yes	
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list)and is the wetland's *water quality function intact, or impacted or degraded*?		No
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonidsand is the wetland's *fish habitat function intact, or impacted or degraded*?		No
Mandatory Locally Significant Wetland criteria satisfied ?	**Yes**	

***Optional Locally Significant Wetland Criteria*: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant communityand provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function*.		No
2 Is the wetland publicly owned and used by a school or organizationand does the wetland provide *educational uses*?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Locally Significant Wetland

Wetland Characterization Sheet

Project Name: Corvallis Natural Resource Inventory

		Wetland Code:	S-WIL-W-7
Date(s) of field work:	11/6/2002	Size (acres):	9.85
Data Sheet Numbers:	188, 187, 209, 210	Cowardin Class(es):	PFO,PSS,PEM
Investigator(s):	SE/ME	HGM Class(es):	DCP

Location -- Legal:	T. 12S, R. 5W, S. 11
Other:	Willamette Park
Tax Lots:	See accompanying table
Hydrologic basin:	WILLAMETTE RIVER
Soil -- Mapped series:	McBee, Wapato, and Coburg silty clay loams
Hydrologic Source:	Precipitation

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
Fraxinus latifolia	Oregon Ash	*Juncus effusus*	Soft Rush
Salix lasiandra	Pacific Willow	*Holcus lanatus*	Common Velvet Grass
Salix piperi	Piper's Willow	*Athyrium filix-femina*	Subarctic Lady Fern
Cornus stolonifera	Red-Osier Dogwood	*Carex obnupta*	Slough Sedge
Ribes divaricatum	Spreading Gooseberry	*Solanum dulcamara*	Bittersweet Nightshade
Rosa pisocarpa	Clustered Wild Rose	*Phalaris arundinacea*	Reed Canary Grass
		Bidens cernua	Nodding Beggar-Ticks

Comments: **Locally Significant Wetland**

Mixed palustrine forested (70%), emergent (20%), and scrub/shrub (10%) wetland in the northwest corner of Willamette Park and south onto adjacent properties. Most of the wetland is ponded during the winter. The west and eastern limits on the north end are defined by steep slopes. South end is a mosaic of wetland lowlands (70%) and upland hummocks (30%) that extend towards S-GOO-W-6. The park is zoned public institutional.

Adjacent upland species: Pseudotsuga menziesii, Acer macrophyllum, Acer circinatum, Corylus cornuta, Polystichum munitum, Symphoricarpos albus, Brachypodium sylvestris, Lapasana communis, Rubus ursinus, Hedera helix, Rubus discolor, Lolium perenne, Lolium multiflorum, Lactuca seriola

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

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**S-WIL-W-8**
Project Location:	Benton County	**Wetland Type(s):**	PEM

Date(s) of field work:	11/6/2002	**Approx. Area (acres):**	1.42
Onsite Assessment?:	YES	**Investigator(s):**	SE/ME
Wetland Location:	Willamette 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	**0**	Q-1	**B**	Q-1	**A**	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	**C**	Q-3	**C**
Q-4	**C**	Q-4		Q-4	**C**	Q-4	**A**	Q-4	**C**
Q-5	**B**	Q-5		Q-5	**C**	Q-5	**B**	Q-5	**C**
Q-6	**B**	Q-6	**C**	Q-6	**C**	Q-6	**C**	Q-6	**B**
Q-7	**A**					Q-7	**C**		
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 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	**B**	Q-1	**A**	Q-1	**A**	Q-1	**C**
Q-2	**C**	Q-2	**A**	Q-2	**C**	Q-2	**B**
Q-3		Q-3	**B**	Q-3	**B**	Q-3	**C**
Q-4	**C**	Q-4	**A**	Q-4	**B**	Q-4	**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 little 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:	Corvallis Natural Resource Inventory	**Wetland:**	**S-WIL-W-8**
Location:	Benton County	**Approx. Area (acres):**	1.42
Date:	11/6/2002	**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 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 lost or not present**	
Rationale:	Primary water source is precipitation	Isolated from other wetlands
	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 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
	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 mostly open space
	No adjacent Water Quality Limited streams	Herbaceous vegetation & ponding
Result:	**Wetland has little enhancement potential**	
Rationale:	One or more functions lost/not present	Wetland is less than 0.5 acres
	Primary water source is precipitation	Wetland buffer is less than 10%
	Water flow is permanently restricted	Potentially sensitive to future impacts
Result:	**Wetland 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
	Unmaintained trails, viewing areas exist	No hunting is allowed
Result:	**Wetland is not aesthetically pleasing**	
Rationale:	One Cowardin class is visible	Wetland surrounded by landscaped areas
	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

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**S-WIL-W-8**
Project Location:	Benton County	**Approx. Area (acres):**	1.42
Date:	11/6/2002	**Wetland Types(s):**	PEM

***Exclusions*: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

***Mandatory Locally Significant Wetland Criteria*: This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat*?		No
2 Is the wetland's *fish habitat function intact*?		No
3 Is the wetland's *water quality function intact*?		No
4 Is the wetland's *hydrologic control function intact*?		No
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list) and is the wetland's *water quality function intact, or impacted or degraded*?		No
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids and is the wetland's *fish habitat function intact, or impacted or degraded*?		No
Mandatory Locally Significant Wetland criteria satisfied ?		**No**

***Optional Locally Significant Wetland Criteria*: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function*.		No
2 Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses*?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Does not satisfy the criteria, Not a Locally Significant Wetland

Wetland Characterization Sheet

Project Name: Corvallis Natural Resource Inventory

		Wetland Code:	S-WIL-W-8
Date(s) of field work:	11/6/2002	Size (acres):	1.42
Data Sheet Numbers:	207, 208	Cowardin Class(es):	PEM
Investigator(s):	SE/ME	HGM Class(es):	DCNP

Location -- Legal:	T. 12S, R. 5W, S. 11
Other:	Willamette Park
Tax Lots:	See accompanying table
Hydrologic basin:	WILLAMETTE RIVER
Soil -- Mapped series:	Newberg loam, Coburg silty clay loam
Hydrologic Source:	Precipitation

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
		Paspalum distichum	Knotgrass

Comments:

Palustrine emergent/ponded areas located east and west of soccer fields on the north end of the park. There is a man-made ditch that runs east to west between two depressional areas. Both appear to be the result of grading and construction of the soccer fields. As a result each depression is poorly vegetated but indicate extended periods of ponding. The park is zoned public institutional.

Adjacent upland species: Pinus ponderosa (recent plantings), Populus trichocarpa, Hypocheris radicata, Daucus carota, Festuca arundinacea, Cirsium arvense, mowed grasses

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

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**S-WIL-W-9**
Project Location:	Benton County	**Wetland Type(s):**	PFO,PSS,PEM

Date(s) of field work:	5/7/2002	**Approx. Area (acres):**	4.68
Onsite Assessment?:	YES	**Investigator(s):**	LW
Wetland Location:	Willamette Park, south of Marys 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	**B**	Q-1	**A**	Q-1	**A**	Q-1	**B**
Q-2	**A**	Q-2	**A**	Q-2	**A**	Q-2	**A**	Q-2	**A**
Q-3	**A**	Q-3	**A**	Q-3	**A**	Q-3	**A**	Q-3	**A**
Q-4	**A**	Q-4	**C**	Q-4	**A**	Q-4	**C**	Q-4	**B**
Q-5	**A**	Q-5	**B**	Q-5	**B**	Q-5	**A**	Q-5	**C**
Q-6	**A**	Q-6	**C**	Q-6	**A**	Q-6	**A**	Q-6	**A**
Q-7	**C**					Q-7	**B**		
Q-8	**B**								
Q-9A									
Q-9B	**A**								

Results:

Wildlife Habitat	Wetland provides diverse wildlife habitat
Fish Habitat	Wetland's fish habitat function is impacted or degraded
Water Quality	Wetland's water-quality function is 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	**A**	Q-1	**A**	Q-1	**A**
Q-2		Q-2	**A**	Q-2	**A**	Q-2	**C**
Q-3	**A**	Q-3	**A**	Q-3	**A**	Q-3	**A**
Q-4		Q-4	**A**	Q-4	**A**	Q-4	**A**
Q-5B		Q-5	**A**	Q-5	**A**	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 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:	Corvallis Natural Resource Inventory	**Wetland:**	**S-WIL-W-9**
Location:	Benton County	**Approx. Area (acres):**	4.68
Date:	5/7/2002	**Wetland Types(s):**	PFO,PSS,PEM

Result:	**Wetland provides diverse wildlife habitat**	
Rationale:	More than one Cowardin class	Adjacent Water Quality limited stream
	Dominated by woody vegetation	Adjacent land use is primarily agriculture
	Greater than 1 acre of open water	Wetland buffer is greater than 40%
Result:	**Wetland's fish habitat function is impacted or degraded**	
Rationale:	25-50% of stream is shaded	Adjacent Water Quality Limited stream
	Stream is in a natural channel	Adjacent land use is primarily agriculture
	>25% of stream has instream structures	Stream does not contain fish
Result:	**Wetland's water-quality function is intact**	
Rationale:	Primary water source is surface flow	Wetland is more than 5 acres in size
	Wetland floods/ponds in growing season	Adjacent land use is primarily agriculture
	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	Agriculture upslope of wetland
Result:	**Wetland is potentially sensitive to future impacts**	
Rationale:	Stream not modified	Adjacent land use is primarily agriculture
	Water is taken out or isolated wetland	Adjacent zoning is mostly open space
	Adjacent Water Quality Limited stream	Dominated by woody vegetation
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
	Boat launching within 1/2 mile	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

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	Corvallis Natural Resource Inventory	**Wetland:**	**S-WIL-W-9**
Project Location:	Benton County	**Approx. Area (acres):**	4.68
Date:	5/7/2002	**Wetland Types(s):**	PFO,PSS,PEM

Exclusions **: This wetland cannot be designated as significant if the answer to any of the criteria below is "Yes".**		
1 Is this wetland artificially created entirely from upland and		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

Mandatory Locally Significant Wetland Criteria **: This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat*?	Yes	
2 Is the wetland's *fish habitat function intact*?		No
3 Is the wetland's *water quality function intact*?	Yes	
4 Is the wetland's *hydrologic control function intact*?	Yes	
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list)and is the wetland's *water quality function intact, or impacted or degraded*?	Yes	
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonidsand is the wetland's *fish habitat function intact, or impacted or degraded*?	Yes	
Mandatory Locally Significant Wetland criteria satisfied ?	**Yes**	

Optional Locally Significant Wetland Criteria **: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**		
1 Does the wetland represent a locally unique native plant communityand provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function*.		No
2 Is the wetland publicly owned and used by a school or organizationand does the wetland provide *educational uses*?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Locally Significant Wetland

Wetland Characterization Sheet

Project Name: Corvallis Natural Resource Inventory

		Wetland Code:	**S-WIL-W-9**
Date(s) of field work:	**5/7/2002**	Size (acres):	**4.68**
Data Sheet Numbers:	**OFF-SITE**	Cowardin Class(es):	**PFO,PSS,PEM**
Investigator(s):	**LW**	HGM Class(es):	**RFT,RI, DO**

Location -- Legal:	**T. 12S, R.5W, S. 2, 11**
Other:	**Willamette Park, south of Marys River**
Tax Lots:	**See accompanying table**
Hydrologic basin:	**WILLAMETTE RIVER**
Soil -- Mapped series:	**Mixed alluvial land**
Hydrologic Source:	**Surface water**

Dominant Wetland Vegetation

TREES / SHRUBS		VINES / HERBS	
Fraxinus latifolia	Oregon Ash	*Urtica dioica*	Stinging Nettle
Rosa pisocarpa	Clustered Wild Rose	*Phalaris arundinacea*	Reed Canary Grass
Salix lasiandra	Pacific Willow	*Carex obnupta*	Slough Sedge
Populus trichocarpa	Black Cottonwood	*Dipsacus sylvestris*	Teasel
Cornus stolonifera	Red-Osier Dogwood	*Solanum dulcamara*	Bittersweet Nightshade
Crataegus douglasii	Douglas' Hawthorn	*Carex deweyana*	Dewey's Sedge
Spiraea douglasii	Douglas' Spiraea	*Ranunculus uncinatus*	Little Butter-Cup
		Rumex crispus	Curly Dock

Comments: **Locally Significant Wetland**

Willamette Park adjacent to the Willamette River. Wetland determination completed for the park in May 2002. Series of old gravel pits and overflow channelswithin floodplain of the Willamette River. Connection to Essential Salmonid Habitat river. During high water the ponds and swales are interconnected by flowing water, drying up through the summer. Mosaic of 40% wetland and 60% upland. Zoned Open Space-Conservation. DSL WD # 97-

Adjacent Upland species: Acer macrophyllum, Oemleria cerasiformis, Rubus discolor, Symphoricarpos albus, Tanacetum vulgare, Rubus ursinus, Brachypodium sylvaticum, Daucus carota, Hedera helix, Danthonia californica

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

Data forms

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	Natural Resources Inventory	Number:	2613	Sample Site	1
Applicant:	City of Corvallis	County:	Benton	Date:	9/25/2002
Investigators:	JVS / PF	Township:	11S Range: 5W	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

			Primary Indicators	Secondary Indicators
			Inundated	Ox. rhizospheres
			Sat. in Upper 12"	H20-stained leaves
Depth of Surf. H2O		Inches	Water Marks	Local Soil Survey
Depth to Free H20	>15	Inches	Drift Lines	FAC Neutral Test
Depth to Saturation	>15	Inches	Sediment Deposits	Other _____
			Drainage patterns	Criteria Met: No

SOILS **Mapped Series:** Waldo silty clay loam **Hydric Soil?:** Yes

Classification: Fluvaquentic Endoaquolls **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-10	10YR 3/2	SL				
10-15	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 (10%)	Status	% Cover
*Pryus communis**	NOL	100

Shrub Stratum (10%)	Status	% Cover
*Rosa nutkana**	FAC	100

Herbaceous Stratum (70%)	Status	% Cover
*Festuca arundinacea**	FAC-	45
*Daucus carota**	UPL	30
Agrostis tenuis	FAC	15
Cirsium vulgare	FACU	10

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

***Percent of dominant species FAC, FACW, or OBL:** 25% Criteria Met: No

Comments:

Determination: Upland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	Natural Resources Inventory		Number: 2613	Sample Site	2
Applicant:	City of Corvallis	County:	Benton	Date:	9/25/2002
Investigators:	JVS / PF	Township:	11S Range: 5W	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

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

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

SOILS **Mapped Series:** Waldo silty clay loam **Hydric Soil?:** Yes

Classification: Fluvaquentic Endoaquolls **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-14	10YR 3/2	CL	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

Shrub Stratum (0%)	Status	% Cover

Herbaceous Stratum (100%)	Status	% Cover
*Carex densa**	OBL	50
*Holcus lanatus**	FAC	20
*Juncus effusus**	FACW	20
Juncus patens	FACW	5
Juncus tenuis	FACW-	3
Cirsium vulgare	FACU	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:	Natural Resources Inventory		Number: 2613	Sample Site	4
Applicant:	City of Corvallis	County:	Benton	Date:	9/25/2002
Investigators:	JVS / PF	Township:	11S Range: 5W	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

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

SOILS **Mapped Series:** Waldo silty clay loam **Hydric Soil?:** Yes

Classification: Fluvaquentic Endoaquolls **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-8	10YR 3/2	SL				
8-16	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 (0%)	Status	% Cover	Herbaceous Stratum (95%)	Status	% Cover
			*Festuca arundinacea**	FAC-	20
			*Daucus carota**	UPL	40
			*Agrostis tenuis**	FAC	20
			*Geranium molle**	UPL	20
Shrub Stratum (0%)	**Status**	**% Cover**			
			Woody Vine Stratum (5%)	**Status**	**% Cover**
			*Rubus discolor**	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:	Natural Resources Inventory			Number:	2613	Sample Site	5
Applicant:	City of Corvallis			County:	Benton	Date:	9/25/2002
Investigators:	JVS / PF			Township:	11S	Range: 5W	Section: 14

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

Is this an Atypical Situation? **No**

HYDROLOGY

			Primary Indicators	Secondary Indicators	
			Inundated	Ox. rhizospheres	Yes
			Sat. in Upper 12"	H20-stained leaves	
Depth of Surf. H2O		Inches	Water Marks	Local Soil Survey	
Depth to Free H20	>14	Inches	Drift Lines	FAC Neutral Test	
Depth to Saturation	>14	Inches	Sediment Deposits	Other _____	
			Drainage patterns 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 Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-14	10YR 3/2	CL	10YR 4/6	common, fine, distinct		

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

Criteria Met: Yes

VEGETATION

Tree Stratum (0%)	Status	% Cover

Shrub Stratum (0%)	Status	% Cover

Herbaceous Stratum (100%)	Status	% Cover
*Juncus effusus**	FACW	40
Epilobium watsonii	FACW-	10
*Holcus lanatus**	FAC	20
Mentha sp.	FACW-OBL	10
Centaurium umbellatum	FAC	5
Carex sp.	FAC - FACW	10
Cirsium vulgare	FACU	3
Sonchus asper	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:	Natural Resources Inventory	Number:	2613	Sample Site	6
Applicant:	City of Corvallis	County:	Benton	Date:	9/20/2002
Investigators:	SE / LW	Township:	11S	Range: 5W	Section: 10

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

Is this an Atypical Situation? **No**

HYDROLOGY

			Primary Indicators		Secondary Indicators
			Inundated		Ox. rhizospheres
			Sat. in Upper 12"	Yes	H20-stained leaves
Depth of Surf. H2O		Inches	Water Marks		Local Soil Survey
Depth to Free H20	>14	Inches	Drift Lines		FAC Neutral Test
Depth to Saturation	0	Inches	Sediment Deposits		Other _____
			Drainage patterns	Yes	Criteria Met: Yes

SOILS **Mapped Series:** Waldo silty clay loam **Hydric Soil?:** Yes

Classification: Fluvaquentic Endoaquolls **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-5	10YR 2/2	organic				
5-14	10YR 2/1	mucky peat				

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

Criteria Met: Yes

VEGETATION

Tree Stratum (30%)	Status	% Cover	Herbaceous Stratum (65%)	Status	% Cover
*Alnus rubra**	FAC	100	*Athyrium filix-femina**	FAC	75
			Oenanthe sarmentosa	OBL	5
			*Carex obnupta**	OBL	20
Shrub Stratum (5%)	**Status**	**% Cover**			
*Cornus stolonifera**	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:	Natural Resources Inventory	Number:	2613	Sample Site	7
Applicant:	City of Corvallis	County:	Benton	Date:	9/20/2002
Investigators:	SE / LW	Township:	11S	Range: 5W	Section: 10

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

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

SOILS **Mapped Series:** Waldo silty clay loam **Hydric Soil?:** Yes

Classification: Fluvaquentic Endoaquolls **Drainage Class:** poorly drained

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

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

Criteria Met: No

VEGETATION

Tree Stratum (50%)	Status	% Cover
*Abies grandis**	FACU-	65
*Pseudotsuga menziesii**	FACU	25
Acer macrophyllum	FACU	10

Shrub Stratum (5%)	Status	% Cover
*Corylus cornuta**	FACU	100

Herbaceous Stratum (45%)	Status	% Cover
*Polystichum munitum**	FACU	65
Acer macrophyllum (4" seedlings)	FACU	10
Brachypodium syvaticum	FACU	10
Adenocaulon bicolor	FACU	8
Galium aparine	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:	Natural Resources Inventory		Number:	2613	Sample Site	8	
Applicant:	City of Corvallis		County:	Benton	Date:	9/25/2002	
Investigators:	JVS / PF		Township:	11S	Range: 5W	Section:	14

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

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

SOILS **Mapped Series:** Bashaw clay **Hydric Soil?:** Yes

Classification: Xeric Endoaquerts **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-14	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 (40%)	Status	% Cover
*Fraxinus latifolia**	FACW	100

Shrub Stratum (20%)	Status	% Cover
*Oemleria cerasiformis**	FACU	50
*Acer macrophyllum**	FACU	50

Herbaceous Stratum (40%)	Status	% Cover
*Festuca arundinacea**	FAC-	80
*Galium aparine**	FACU	20

Woody Vine Stratum (0%)	Status	% Cover

***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:	**Natural Resources Inventory**	Number:	**2613**	Sample Site	**9**
Applicant:	**City of Corvallis**	County:	**Benton**	Date:	**10/9/2002**
Investigators:	**PF**	Township:	**11S** Range: **5W**	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
			Inundated	**Ox. rhizospheres**
			Sat. in Upper 12"	**H20-stained leaves**
Depth of Surf. H2O		**Inches**	**Water Marks**	**Local Soil Survey**
Depth to Free H20	**>14**	**Inches**	**Drift Lines**	**FAC Neutral Test**
Depth to Saturation	**>14**	**Inches**	**Sediment Deposits**	**Other** _____
			Drainage patterns	**Criteria Met: No**

SOILS **Mapped Series:** Bashaw clay **Hydric Soil?:** Yes

Classification: Xeric Endoaquerts **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-14	10YR 2/1	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

Shrub Stratum (10%)	Status	% Cover
*Rosa sp.**	**FAC - FACW**	**100**

Herbaceous Stratum (90%)	Status	% Cover
*Festuca arundinacea**	**FAC-**	**50**
Centaurium umbellatum	**FAC**	**10**
Prunella vulgaris	**FACU+**	**5**
Grindelia integrifolia	**FACW**	**5**
Daucus carota	**UPL**	**10**
Crepis setosa	**FACU**	**10**

Woody Vine Stratum (0%)	Status	% Cover

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

Comments:

Determination: Upland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	Natural Resources Inventory	Number:	2613	Sample Site	10
Applicant:	City of Corvallis	County:	Benton	Date:	10/9/2002
Investigators:	PF	Township:	11S	Range: 5W	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

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

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

SOILS

Mapped Series: Bashaw clay **Hydric Soil?:** Yes

Classification: Xeric Endoaquerts **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-12	10YR 2/1	C	5YR 4/6	few, coarse, distinct		

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

Criteria Met: Yes

VEGETATION

Tree Stratum (0%)	Status	% Cover

Shrub Stratum (0%)	Status	% Cover

Herbaceous Stratum (100%)	Status	% Cover
*Grindelia integrifolia**	FACW	20
*Mentha pulegium**	OBL	50
*Deschampsia cespitosa**	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:	Natural Resources Inventory	Number:	2613	Sample Site	11
Applicant:	City of Corvallis	County:	Benton	Date:	10/9/2002
Investigators:	PF	Township:	11S	Range: 5W	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	
			Inundated	Ox. rhizospheres	Yes
			Sat. in Upper 12"	H20-stained leaves	Yes
Depth of Surf. H2O		Inches	Water Marks	Local Soil Survey	
Depth to Free H20	>12	Inches	Drift Lines	FAC Neutral Test	
Depth to Saturation	>12	Inches	Sediment Deposits	Other _____	
			Drainage patterns 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 Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-12	10YR 2/1	C	5YR 4/6	few, fine, distinct		

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

Criteria Met: Yes

VEGETATION

Tree Stratum (0%)	Status	% Cover

Shrub Stratum (5%)	Status	% Cover
*Salix lasiandra**	FACW+	40
*Rosa sp.**	FAC - FACW	60

Herbaceous Stratum (95%)	Status	% Cover
Echinochloa crusgalli	FACW	5
*Mentha pulegium**	OBL	20
Deschampsia cespitosa	FACW	10
Rumex crispus	FAC+	5
*Agrostis stolonifera**	FAC	20
Beckmannia syzigachne	OBL	15
Plagiobothrys figuratus	FACW	5
Agrostis tenuis	FAC	10
Rorippa curvisiliqua	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:	Natural Resources Inventory	Number:	2613	Sample Site	12
Applicant:	City of Corvallis	County:	Benton	Date:	10/9/2002
Investigators:	PF	Township:	11S	Range: 5W	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

Depth of Surf. H2O		**Inches**
Depth to Free H20	**>10**	**Inches**
Depth to Saturation	**>10**	**Inches**

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

SOILS **Mapped Series:** Bashaw clay **Hydric Soil?:** Yes

Classification: Xeric Endoaquerts **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-10	10YR 2/1 10YR 4/3	C SCL				refused at 10 inches disturbed, mixed soils

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

Criteria Met: No

VEGETATION

Tree Stratum (0%)	Status	% Cover

Shrub Stratum (0%)	Status	% Cover

Herbaceous Stratum (100%)	Status	% Cover
Cirsium vulgare	FACU	10
*Madia glomerata**	FACU+	20
*Daucus carota**	UPL	30
Deschampsia cespitosa	FACW	5
*Agrostis tenuis**	FAC	20
Grindelia integrifolia	FACW	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:	Natural Resources Inventory	Number:	2613	Sample Site	13
Applicant:	City of Corvallis	County:	Benton	Date:	7/25/2002
Investigators:	FS / SE	Township:	11S	Range: 5W	Section: 21

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

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

SOILS **Mapped Series:** Philomath silty clay **Hydric Soil?:** No

Classification: Vertic Haploxerolls **Drainage Class:** well drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-3	10YR 3/2	SL				
3-14	10YR 3/1	SCL	2.5YR 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

Shrub Stratum (0%)	Status	% Cover

Herbaceous Stratum (100%)	Status	% Cover
*Juncus effusus**	FACW	45
Juncus ensifolius	FACW	5
*Holcus lanatus**	FAC	20
*Dipsacus sylvestris**	FAC	20
Madia sativa	UPL	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:	**Natural Resources Inventory**	Number:	**2613**	Sample Site	**14**
Applicant:	**City of Corvallis**	County:	**Benton**	Date:	**7/25/2002**
Investigators:	**FS / SE**	Township:	**11S** Range: **5W**	Section:	**21**

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

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

SOILS **Mapped Series:** Philomath silty clay **Hydric Soil?:** No

Classification: Vertic Haploxerolls **Drainage Class:** well drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-5	7.5YR 2.5/2	SL				
5-14	10YR 3/2	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: No

VEGETATION

Tree Stratum (0%)	Status	% Cover

Shrub Stratum (0%)	Status	% Cover

Woody Vine Stratum (0%)	Status	% Cover

Herbaceous Stratum (100%)	Status	% Cover
*Daucus carota**	UPL	25
*Polypogon monspeliensis**	FACW	20
*Plantago lanceolata**	FAC	20
Arrhenatherum elatius	UPL	10
Madia sativa	UPL	5
Epilobium paniculatum	UPL	5
Chrysanthemum leucanthemum	UPL	3
Holcus lanatus	FAC	2
Centaurium umbellatum	FAC	3
Taeniatherum caput-medusae	UPL	3
Boisduvalia densiflora	FACW-	3
Agropyron repens	FAC-	1

***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:	**Natural Resources Inventory**	Number:	**2613**	Sample Site	**15**
Applicant:	**City of Corvallis**	County:	**Benton**	Date:	**7/25/2002**
Investigators:	**FS / SE**	Township:	**11S** Range: **5W**	Section:	**21**

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

SOILS **Mapped Series:** Philomath silty clay **Hydric Soil?:** No

Classification: Vertic Haploxerolls **Drainage Class:** well drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-5	10YR 2/2	SCL	7.5YR 4/6	few, fine, faint		
5-12+	10YR 2/2	SCL	7.5YR 4/6	common, fine, distinct		

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

Criteria Met: **Yes**

VEGETATION

Tree Stratum (0%)	Status	% Cover	Herbaceous Stratum (100%)	Status	% Cover
			*Juncus patens**	FACW	35
			*Juncus tenuis**	FACW-	20
			Alopecurus pratensis	FACW	10
			Madia sativa	UPL	10
			Holcus lanatus	FAC	10
			Juncus effusus	FACW	5
Shrub Stratum (0%)	**Status**	**% Cover**	*Boisduvalia densiflora*	FACW-	5
			Juncus ensifolius	FACW	2
			Rumex salicifolius	FACW	2
			Anthemis cotula	FACU	1
			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:	**Natural Resources Inventory**	Number:	**2613**	Sample Site	**16**
Applicant:	**City of Corvallis**	County:	**Benton**	Date:	**11/6/2002**
Investigators:	**SE / ME**	Township:	**11S** Range: **5W**	Section:	**20**

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

SOILS **Mapped Series:** Philomath silty clay **Hydric Soil?:** No

Classification: Vertic Haploxerolls **Drainage Class:** well drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-8	10YR 2/1	SCL				
8-14	10YR 2/1	SCL				90%
	10YR 5/8	SD				10%

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

Criteria Met: Yes

VEGETATION

Tree Stratum (0%)	Status	% Cover

Shrub Stratum (10%)	Status	% Cover
*Fraxinus latifolia**	**FACW**	**100**

Herbaceous Stratum (80%)	Status	% Cover
*Juncus effusus**	**FACW**	**70**
Holcus lanatus	**FAC**	**7**
Cirsium arvense	**FACU+**	**3**
Athyrium filix-femina	**FAC**	**10**
Juncus ensifolius	**FACW**	**2**
Brachypodium sylvaticum	**UPL**	**6**

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

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

Comments: Adjacent to perennial spring. Localized ponding at the surface.

Determination: Wetland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	Natural Resources Inventory	Number:	2613	Sample Site	17
Applicant:	City of Corvallis	County:	Benton	Date:	11/6/2002
Investigators:	SE / ME	Township:	11S	Range: 5W	Section: 20

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

SOILS **Mapped Series:** Philomath silty clay **Hydric Soil?:** No

Classification: Vertic Haploxerolls **Drainage Class:** well drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-8	10YR 2/1	SCL				
8-14	10YR 2/1	SCL				90% 10% unconsolidated bed 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 (25%)	Status	% Cover
*Quercus garryana**	UPL	65
*Fraxinus latifolia**	FACW	35

Shrub Stratum (25%)	Status	% Cover
*Rosa multiflora**	UPL	100

Herbaceous Stratum (35%)	Status	% Cover
*Brachypodium sylvaticum**	UPL	90
Pteridium aquilinum	FACU	10

Woody Vine Stratum (15%)	Status	% Cover
*Rubus discolor**	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:	**Natural Resources Inventory**	Number:	**2613**	Sample Site	**18**
Applicant:	**City of Corvallis**	County:	**Benton**	Date:	**8/7/2002**
Investigators:	**FS / SE**	Township:	**11S** Range: **5W**	Section:	**22**

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

Is this an Atypical Situation? **No**

HYDROLOGY

			Primary Indicators		Secondary Indicators
			Inundated		Ox. rhizospheres
			Sat. in Upper 12"		H20-stained leaves
Depth of Surf. H2O		Inches	Water Marks	Yes	Local Soil Survey
Depth to Free H20	>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 Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-12	10YR 2/1	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

Shrub Stratum (10%)	Status	% Cover
*Fraxinus latifolia**	FACW	100

Herbaceous Stratum (90%)	Status	% Cover
*Juncus acuminatus**	OBL	30
Holcus lanatus	FAC	15
Parentucellia viscosa	FAC-	5
Centaurium umbellatum	FAC	5
Boisduvalia densiflora	FACW-	15
Juncus tenuis	FACW-	10
Navarretia intertexta	FACW	10
Epilobium watsonii	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:	Natural Resources Inventory		Number: 2613		Sample Site	19	
Applicant:	City of Corvallis	County:	Benton		Date:	8/7/2002	
Investigators:	FS / SE	Township:	11S	Range: 5W	Section:	22	

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

SOILS **Mapped Series:** Philomath silty clay **Hydric Soil?:** No

Classification: Vertic Haploxerolls **Drainage Class:** well drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-12	10YR 2/1	CL				

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

Criteria Met: Yes

VEGETATION

Tree Stratum (0%)	Status	% Cover

Shrub Stratum (5%)	Status	% Cover
*Fraxinus latifolia**	FACW	50
*Crataegus monogyna**	FACU+	50

Herbaceous Stratum (95%)	Status	% Cover
*Cirsium arvense**	FACU+	20
Cirsium vulgare	FACU	10
*Festuca arundinacea**	FAC-	30
Holcus lanatus	FAC	2
Vicia tetrasperma	UPL	8
Daucus carota	UPL	10
Madia glomerata	FACU+	5
Sonchus asper	FAC-	15

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:	Natural Resources Inventory	Number:	2613	Sample Site	20
Applicant:	City of Corvallis	County:	Benton	Date:	8/7/2002
Investigators:	FS / SE	Township:	11S	Range: 5W	Section: 22

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

Is this an Atypical Situation? **No**

HYDROLOGY

			Primary Indicators	Secondary Indicators	
			Inundated	Ox. rhizospheres	Yes
			Sat. in Upper 12"	H20-stained leaves	
Depth of Surf. H2O		Inches	Water Marks	Local Soil Survey	
Depth to Free H20	>14	Inches	Drift Lines	FAC Neutral Test	
Depth to Saturation	>14	Inches	Sediment Deposits	Other _____	
			Drainage patterns 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 Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-6	10YR 2/1	C				
6-14	10YR 2/1	C	10YR 4/4	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

Shrub Stratum (10%)	Status	% Cover
*Fraxinus latifolia**	FACW	90
Crataegus monogyna	FACU+	10

Herbaceous Stratum (90%)	Status	% Cover
*Phalaris arundinacea**	FACW	40
*Holcus lanatus**	FAC	20
Festuca arundinacea	FAC-	10
Carex densa	OBL	10
Boisduvalia densiflora	FACW-	5
Juncus tenuis	FACW-	5
Madia sativa	UPL	5
Cirsium arvense	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:	Natural Resources Inventory		Number: 2613		Sample Site	21	
Applicant:	City of Corvallis	County:	Benton		Date:	6/6/2002	
Investigators:	SE / LW	Township:	11S	Range: 5W	Section:	20	

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

Is this an Atypical Situation? **No**

HYDROLOGY

			Primary Indicators	Secondary Indicators
			Inundated	Ox. rhizospheres
			Sat. in Upper 12"	H20-stained leaves
Depth of Surf. H2O		Inches	Water Marks	Local Soil Survey
Depth to Free H20	>14	Inches	Drift Lines	FAC Neutral Test
Depth to Saturation	>14	Inches	Sediment Deposits	Other _____
			Drainage patterns 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 Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-14	10YR 2/1	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 (35%)	Status	% Cover
*Fraxinus latifolia**	FACW	100

Shrub Stratum (30%)	Status	% Cover
*Crataegus douglasii**	FAC	20
*Rosa eglanteria**	FACW	30
*Salix sitchensis**	FACW	35
Rhus diversiloba	UPL	10

Herbaceous Stratum (30%)	Status	% Cover
*Brachypodium sylvaticum**	NOL	95
Poa trivialis	FACW	3
Festuca arundinacea	FAC-	2

Woody Vine Stratum (5%)	Status	% Cover
*Rubus discolor**	FACU	100

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

Comments:

Determination: Wetland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	Natural Resources Inventory	Number:	2613	Sample Site	22
Applicant:	City of Corvallis	County:	Benton	Date:	8/7/2002
Investigators:	FS / SE	Township:	11S	Range: 5W	Section: 22

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

SOILS **Mapped Series:** Hazelair complex **Hydric Soil?:** No

Classification: Aquultic Haploxerolls **Drainage Class:** moderately well drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-14	7.5YR 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 (10%)	Status	% Cover
*Prunus avium**	UPL	100

Shrub Stratum (15%)	Status	% Cover
Fraxinus latifolia	FACW	10
*Crataegus monogyna**	FACU+	30
*Rhus diversiloba**	UPL	40
*Rosa eglanteria**	FACW	20

Herbaceous Stratum (50%)	Status	% Cover
*Hypericum perforatum**	UPL	20
*Holcus lanatus**	FAC	30
*Festuca arundinacea**	FAC-	20
Vicia tetrasperma	UPL	15
Chrysanthemum leucanthemum	UPL	10
Aira elegans	UPL	5

Woody Vine Stratum (25%)	Status	% Cover
*Rubus discolor**	FACU	100

***Percent of dominant species FAC, FACW, or OBL: 25%** Criteria Met: No

Comments:

Determination: Upland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	**Natural Resources Inventory**	Number:	**2613**	Sample Site	**23**
Applicant:	**City of Corvallis**	County:	**Benton**	Date:	**8/14/2002**
Investigators:	**SE/LW**	Township:	**11S** Range: **5W**	Section:	**22**

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

Is this an Atypical Situation? **No**

HYDROLOGY

			Primary Indicators		Secondary Indicators
			Inundated		**Ox. rhizospheres**
			Sat. in Upper 12"	**Yes**	**H20-stained leaves**
Depth of Surf. H2O		**Inches**	**Water Marks**		**Local Soil Survey**
Depth to Free H20	**>14**	**Inches**	**Drift Lines**		**FAC Neutral Test**
Depth to Saturation	**0**	**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 Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-14	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 (15%)	Status	% Cover
*Alnus rubra**	FAC	60
*Salix piperi**	FACW	40

Shrub Stratum (0%)	Status	% Cover

Herbaceous Stratum (70%)	Status	% Cover
*Juncus effusus**	FACW	55
Veronica americana	OBL	15
Typha latifolia	OBL	2
Epilobium watsonii	FACW-	3
*Brachypodium sylvaticum**	UPL	25

Woody Vine Stratum (15%)	Status	% Cover
*Rubus discolor**	FACU	100

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

Comments:

Determination: Wetland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	Natural Resources Inventory	Number:	2613	Sample Site	24
Applicant:	City of Corvallis	County:	Benton	Date:	8/14/2002
Investigators:	SE/LW	Township:	11S	Range: 5W	Section: 22

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

SOILS **Mapped Series:** Bashaw clay **Hydric Soil?:** Yes

Classification: Xeric Endoaquerts **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-8	10YR 2/1	CL				
8-14	10YR 2/1	CL	10YR 3/3	common, fine, faint		

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

Criteria Met: Yes

VEGETATION

Tree Stratum (0%)	Status	% Cover

Shrub Stratum (70%)	Status	% Cover
*Prunus domestica**	UPL	75
*Rosa eglanteria**	FACW	25

Herbaceous Stratum (20%)	Status	% Cover
*Brachypodium sylvaticum**	UPL	100

Woody Vine Stratum (10%)	Status	% Cover
*Rubus discolor**	FACU	90
Rubus ursinus	FACU	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:	Natural Resources Inventory	Number:	2613	Sample Site	25
Applicant:	City of Corvallis	County:	Benton	Date:	6/6/2002
Investigators:	SE / LW	Township:	11S	Range: 5W	Section: 20

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

SOILS **Mapped Series:** Bashaw clay **Hydric Soil?:** Yes

Classification: Xeric Endoaquerts **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-14	10YR 2.5/1	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
			*Festuca arundinacea**	FAC-	20
			*Chrysanthemum leucanthemum**	UPL	20
			*Bromus mollis**	UPL	20
			Danthonia californica	FACU	10
			Prunella vulgaris	FACU+	5
			*Aira caryophyllea**	UPL	20
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:	**Natural Resources Inventory**	Number:	**2613**	Sample Site	**26**
Applicant:	**City of Corvallis**	County:	**Benton**	Date:	**6/6/2002**
Investigators:	**SE / LW**	Township:	**11S** Range: **5W**	Section:	**20**

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

Is this an Atypical Situation? **No**

HYDROLOGY

Depth of Surf. H2O		**Inches**
Depth to Free H20	**11**	**Inches**
Depth to Saturation	**4**	**Inches**

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

SOILS **Mapped Series:** Bashaw clay **Hydric Soil?:** Yes

Classification: Xeric Endoaquerts **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-14	2.5Y 2.5/1	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**

Shrub Stratum (0%)	**Status**	**% Cover**

Herbaceous Stratum (100%)	**Status**	**% Cover**
*Juncus balticus**	**FACW+**	**40**
*Brachypodium sylvaticum**	**UPL**	**35**
Cirsium arvense	**FACU+**	**15**
Dipsacus sylvestris	**FAC**	**5**
Carex densa	**OBL**	**5**

Woody Vine Stratum (0%)	**Status**	**% Cover**

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

Comments: Mosaic area

Determination: Upland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	**Natural Resources Inventory**	Number:	**2613**	Sample Site	**27**
Applicant:	**City of Corvallis**	County:	**Benton**	Date:	**6/6/2002**
Investigators:	**SE / LW**	Township:	**11S** Range: **5W**	Section:	**20**

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

SOILS **Mapped Series:** Philomath silty clay **Hydric Soil?:** No

Classification: Vertic Haploxerolls **Drainage Class:** well drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-14	10YR 2/2	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: No

VEGETATION

Tree Stratum (0%)	Status	% Cover

Shrub Stratum (5%)	Status	% Cover
*Rosa eglanteria**	**FACW**	**50**
*Crataegus monogyna**	**FACU+**	**50**

Herbaceous Stratum (95%)	Status	% Cover
*Festuca arundinacea**	**FAC-**	**45**
*Chrysanthemum leucanthemum**	**UPL**	**20**
Holcus lanatus	**FAC**	**10**
*Daucus carota**	**UPL**	**20**
Brachypodium sylvaticum	**NOL**	**5**

Woody Vine Stratum (0%)	Status	% Cover

***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:	Natural Resources Inventory	Number:	2613	Sample Site	28
Applicant:	City of Corvallis	County:	Benton	Date:	6/6/2002
Investigators:	SE / LW	Township:	11S	Range: 5W	Section: 20

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

Is this an Atypical Situation? **No**

HYDROLOGY

			Primary Indicators		Secondary Indicators
			Inundated		Ox. rhizospheres
			Sat. in Upper 12"	Yes	H20-stained leaves
Depth of Surf. H2O		Inches	Water Marks		Local Soil Survey
Depth to Free H20	>14	Inches	Drift Lines		FAC Neutral Test
Depth to Saturation	0	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 Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-14	10YR 2/1	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 (5%)	Status	% Cover	Herbaceous Stratum (95%)	Status	% Cover
*Fraxinus latifolia**	FACW	100	*Festuca arundinacea**	FAC-	25
			Carex lanuginosa	OBL	10
			*Eleocharis palustris**	OBL	20
			*Poa palustris**	FAC	20
			Carex densa	OBL	10
			Carex unilateralis	FACW	5
Shrub Stratum (0%)	**Status**	**% Cover**	*Holcus lanatus*	FAC	5
			Carex pachystachya	FAC	5
			Woody Vine Stratum (0%)	**Status**	**% Cover**

***Percent of dominant species FAC, FACW, or OBL:** 75% Criteria Met: Yes

Comments:

Determination: Wetland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	Natural Resources Inventory		Number: 2613		Sample Site	29	
Applicant:	City of Corvallis	County:	Benton		Date:	7/3/2002	
Investigators:	ME / SE	Township:	11S	Range: 5W	Section:	28	

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

Is this an Atypical Situation? **No**

HYDROLOGY

			Primary Indicators		Secondary Indicators	
			Inundated		Ox. rhizospheres	Yes
			Sat. in Upper 12"		H20-stained leaves	
Depth of Surf. H2O		Inches	Water Marks		Local Soil Survey	
Depth to Free H20	>14	Inches	Drift Lines		FAC Neutral Test	
Depth to Saturation	>14	Inches	Sediment Deposits		Other _____	
			Drainage patterns	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 Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-7	10YR 3/1	SCL				
7-11	10YR 2/2	SCL	10YR 3/4	common, fine, distinct		
11-14	10YR 2/2	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: Yes

VEGETATION

Tree Stratum (0%)	Status	% Cover

Shrub Stratum (0%)	Status	% Cover

Herbaceous Stratum (95%)	Status	% Cover
*Juncus effusus**	FACW	30
*Juncus patens**	FACW	20
*Holcus lanatus**	FAC	15
*Lotus corniculatus**	FAC	15
Hypericum perforatum	UPL	10
Epilobium watsonii	FACW-	5
Juncus balticus	FACW+	5

Woody Vine Stratum (5%)	Status	% Cover
*Rubus discolor**	FACU	100

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

Comments:

Determination: Wetland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	Natural Resources Inventory	Number:	2613	Sample Site	30
Applicant:	City of Corvallis	County:	Benton	Date:	7/3/2002
Investigators:	ME / SE	Township:	11S	Range: 5W	Section: 28

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

SOILS **Mapped Series:** Bashaw clay **Hydric Soil?:** Yes

Classification: Xeric Endoaquerts **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-9	7.5YR 3/3	SL				
9-14	7.5YR 3/3	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 (5%)	Status	% Cover
*Quercus garryana**	UPL	100

Shrub Stratum (5%)	Status	% Cover
*Rhus diversiloba**	UPL	90
Crataegus monogyna	FACU+	10

Herbaceous Stratum (90%)	Status	% Cover
Chrysanthemum leucanthemum	UPL	10
Daucus carota	UPL	8
*Festuca arundinacea**	FAC-	30
*Festuca rubra**	FAC+	30
Hypochaeris radicata	FACU	5
Hypericum perforatum	UPL	5
Trifolium repens	FAC	10
Carex deweyana	FACU	2

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:	Natural Resources Inventory		Number:	2613	Sample Site	31	
Applicant:	City of Corvallis	County:	Benton		Date:	8/23/2002	
Investigators:	ME / SE	Township:	11S	Range: 5W	Section:	28	

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

Is this an Atypical Situation? **No**

HYDROLOGY

			Primary Indicators	Secondary Indicators	
			Inundated	Ox. rhizospheres	Yes
			Sat. in Upper 12"	H20-stained leaves	
Depth of Surf. H2O		Inches	Water Marks	Local Soil Survey	
Depth to Free H20	>14	Inches	Drift Lines	FAC Neutral Test	
Depth to Saturation	>14	Inches	Sediment Deposits	Other _____	
			Drainage patterns 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 Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-6	10YR 3/1	SCL				
6-14	2.5Y 2.5/1	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 (15%)	Status	% Cover
*Fraxinus latifolia**	FACW	100

Shrub Stratum (0%)	Status	% Cover

Herbaceous Stratum (75%)	Status	% Cover
*Equisetum arvense**	FAC	50
*Agrostis stolonifera**	FAC	40
Veronica americana	OBL	3
Geum macrophyllum	FACW-	2
Polygonum sp.	FACW - OBL	5

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

***Percent of dominant species FAC, FACW, or OBL:** 75% Criteria Met: Yes

Comments:

Determination: Wetland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	Natural Resources Inventory	Number:	2613	Sample Site	32
Applicant:	City of Corvallis	County:	Benton	Date:	7/3/2002
Investigators:	ME / SE	Township:	11S	Range: 5W	Section: 28

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

SOILS **Mapped Series:** Bashaw clay **Hydric Soil?:** Yes

Classification: Xeric Endoaquerts **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-6	10YR 3/3	SCL				
6-14	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
			*Festuca arundinacea**	FAC-	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:

Determination: Upland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	Natural Resources Inventory			Number:	2613	Sample Site	33
Applicant:	City of Corvallis			County:	Benton	Date:	8/23/2002
Investigators:	ME / SE			Township:	11S	Range: 5W	Section: 28

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

Is this an Atypical Situation? **No**

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

SOILS **Mapped Series:** Bashaw clay **Hydric Soil?:** Yes

Classification: Xeric Endoaquerts **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-16	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
*Acer macrophyllum**	FACU	95
Pseudotsuga menziesii	FACU	5

Shrub Stratum (15%)	Status	% Cover
Oemleria cerasiformis	FACU	92
Symphoricarpos albus	FACU	8

Herbaceous Stratum (20%)	Status	% Cover
*Geum macrophyllum**	FACW-	20
*Polystichum munitum**	FACU	80

Woody Vine Stratum (5%)	Status	% Cover
*Rubus ursinus**	FACU	85
Rubus discolor	FACU	15

***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:	**Natural Resources Inventory**	Number:	**2613**	Sample Site	**34**
Applicant:	**City of Corvallis**	County:	**Benton**	Date:	**7/3/2002**
Investigators:	**ME / SE**	Township:	**11S** Range: **5W**	Section:	**28**

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

SOILS **Mapped Series:** Bashaw clay **Hydric Soil?:** Yes

Classification: Xeric Endoaquerts **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-14	7.5YR 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

Shrub Stratum (0%)	Status	% Cover

Herbaceous Stratum (100%)		Status	% Cover
*Chrysanthemum leucanthemum**		**UPL**	**25**
*Festuca arundinacea**		**FAC-**	**25**
*Alopecurus pratensis**		**FACW**	**25**
Holcus lanatus		**FAC**	**10**
Prunella vulgaris		**FACU+**	**10**
Crataegus monogyna	seedling	**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:	Natural Resources Inventory		Number: 2613		Sample Site	35	
Applicant:	City of Corvallis	County:	Benton		Date:	7/3/2002	
Investigators:	ME / SE	Township:	11S	Range: 5W	Section:	28	

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

Is this an Atypical Situation? **No**

HYDROLOGY

Depth of Surf. H2O		Inches
Depth to Free H20	11	Inches
Depth to Saturation	0	Inches

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

SOILS **Mapped Series:** Bashaw clay **Hydric Soil?:** Yes

Classification: Xeric Endoaquerts **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-16	10YR 3/1	SCL	7.5YR 5/8	common, medium, distinct		

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

Criteria Met: Yes

VEGETATION

Tree Stratum (0%)	Status	% Cover

Shrub Stratum (0%)	Status	% Cover

Herbaceous Stratum (100%)	Status	% Cover
Juncus effusus	FACW	5
Festuca arundinacea	FAC-	15
*Holcus lanatus**	FAC	25
*Agrostis tenuis**	FAC	20
Lotus corniculatus	FAC	5
*Typha latifolia**	OBL	30

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:	**Natural Resources Inventory**	Number:	**2613**	Sample Site	**36**
Applicant:	**City of Corvallis**	County:	**Benton**	Date:	**7/3/2002**
Investigators:	**ME / SE**	Township:	**11S** Range: **5W**	Section:	**28**

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

Is this an Atypical Situation? **No**

HYDROLOGY

			Primary Indicators		Secondary Indicators	
			Inundated		Ox. rhizospheres	Yes
			Sat. in Upper 12"		H20-stained leaves	
Depth of Surf. H2O		Inches	Water Marks		Local Soil Survey	
Depth to Free H20	>15	Inches	Drift Lines		FAC Neutral Test	
Depth to Saturation	>15	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 Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-15	10YR 3/1					

*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
*Fraxinus latifolia**	FACW	50
*Crataegus douglasii**	FAC	50

Shrub Stratum (20%)	Status	% Cover
*Salix piperi**	FACW	70
*Crataegus monogyna**	FACU+	20
Rosa sp.	FAC - FACW	10

Herbaceous Stratum (50%)	Status	% Cover
*Juncus effusus**	FACW	15
Juncus acuminatus	OBL	10
*Holcus lanatus**	FAC	25
*Festuca arundinacea**	FAC-	25
*Lotus corniculatus**	FAC	15
Vicia hirsuta	UPL	10

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

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

Comments:

Determination: Wetland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	Natural Resources Inventory	Number:	2613	Sample Site	37
Applicant:	City of Corvallis	County:	Benton	Date:	7/3/2002
Investigators:	ME / SE	Township:	11S	Range: 5W	Section: 28

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

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

SOILS **Mapped Series:** Bashaw clay **Hydric Soil?:** Yes

Classification: Xeric Endoaquerts **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-15	7.5YR 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

Shrub Stratum (0%)	Status	% Cover

Herbaceous Stratum (100%)	Status	% Cover
*Chrysanthemum leucanthemum**	UPL	20
*Festuca arundinacea**	FAC-	45
*Trifolium repens**	FAC	20
Prunella vulgaris	FACU+	5
Hypochaeris radicata	FACU	10

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:	**Natural Resources Inventory**		Number:	**2613**	Sample Site	**38**	
Applicant:	**City of Corvallis**	County:	**Benton**		Date:	**7/3/2002**	
Investigators:	**ME / SE**	Township:	**11S**	Range: **5W**	Section:	**28**	

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

Is this an Atypical Situation? **No**

HYDROLOGY

			Primary Indicators		Secondary Indicators
			Inundated		Ox. rhizospheres
			Sat. in Upper 12"	Yes	H20-stained leaves
Depth of Surf. H2O		Inches	Water Marks		Local Soil Survey
Depth to Free H20	>14	Inches	Drift Lines		FAC Neutral Test
Depth to Saturation	0	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 Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-15	7.5YR 2.5/1	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
*Fraxinus latifolia**	FACW	100

Shrub Stratum (10%)	Status	% Cover
*Crataegus douglasii**	FAC	70
Crataegus monogyna	FACU+	10
Rosa multiflora	UPL	10
Rosa nutkana	FAC	10

Herbaceous Stratum (50%)	Status	% Cover
*Oenanthe sarmentosa**	OBL	70
Solanum dulcamara	FAC+	15
Poa trivialis	FACW	10
Equisetum hyemale	FACW	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:	Natural Resources Inventory		Number: 2613		Sample Site	39	
Applicant:	City of Corvallis	County:	Benton		Date:	7/3/2002	
Investigators:	ME / SE	Township:	11S	Range: 5W	Section:	28	

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

Is this an Atypical Situation? **No**

HYDROLOGY

			Primary Indicators	Secondary Indicators	
			Inundated	Ox. rhizospheres	Yes
			Sat. in Upper 12"	H20-stained leaves	
Depth of Surf. H2O		Inches	Water Marks	Local Soil Survey	
Depth to Free H20	>14	Inches	Drift Lines	FAC Neutral Test	
Depth to Saturation	>14	Inches	Sediment Deposits	Other _____	
			Drainage patterns 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 Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-14	7.5YR 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
			*Alopecurus pratensis**	FACW	20
			*Festuca arundinacea**	FAC-	20
			*Holcus lanatus**	FAC	30
			Lotus corniculatus	FAC	7
			Chrysanthemum leucanthemum	UPL	10
			Fraxinus latifolia seedling	FACW	3
Shrub Stratum (0%)	**Status**	**% Cover**	*Vicia hirsuta*	UPL	7
			Prunella vulgaris	FACU+	3
			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:	**Natural Resources Inventory**	Number:	**2613**	Sample Site	**40**
Applicant:	**City of Corvallis**	County:	**Benton**	Date:	**7/19/2002**
Investigators:	**SE / ME**	Township:	**11S** Range: **5W**	Section:	**28**

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

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

SOILS

Mapped Series: Dixonville silty clay loam **Hydric Soil?:** No

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

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-3	10YR 3/3	SCL				gravel in top 3 inches
3-10	10YR 2/1	CL				
10-14	7.5YR 3/2	CL	10YR 5/8			

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

Criteria Met: **Yes**

VEGETATION

Tree Stratum (0%)	**Status**	**% Cover**

Shrub Stratum (3%)	**Status**	**% Cover**
*Fraxinus latifolia**	**FACW**	**95**
Rhus diversiloba	**UPL**	**5**

Herbaceous Stratum (97%)	**Status**	**% Cover**
*Juncus tenuis**	**FACW-**	**35**
*Juncus effusus**	**FACW**	**35**
Centaurium umbellatum	**FAC**	**5**
Holcus lanatus	**FAC**	**5**
Alopecurus pratensis	**FACW**	**3**
Agrostis tenuis	**FAC**	**7**
Hypochaeris radicata	**FACU**	**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:	Natural Resources Inventory	Number:	2613	Sample Site	41
Applicant:	City of Corvallis	County:	Benton	Date:	7/18/2002
Investigators:	SE / ME	Township:	11S	Range: 5W	Section: 28

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

Is this an Atypical Situation? **No**

HYDROLOGY

			Primary Indicators	Secondary Indicators
			Inundated	Ox. rhizospheres
			Sat. in Upper 12"	H20-stained leaves
Depth of Surf. H2O		Inches	Water Marks	Local Soil Survey
Depth to Free H20	>15	Inches	Drift Lines	FAC Neutral Test
Depth to Saturation	>15	Inches	Sediment Deposits	Other _____
			Drainage patterns Yes	Criteria Met: Yes

SOILS **Mapped Series:** Philomath silty clay **Hydric Soil?:** No

Classification: Vertic Haploxerolls **Drainage Class:** well drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-15	10YR 4/1	SCL	10YR 5/8	common, medium, distinct		

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

Criteria Met: Yes

VEGETATION

Tree Stratum (0%)	Status	% Cover	Herbaceous Stratum (100%)	Status	% Cover
			Juncus effusus	FACW	15
			Holcus lanatus	FAC	15
			*Typha latifolia**	OBL	45
			Festuca arundinacea	FAC-	10
			Lotus corniculatus	FAC	5
			Equisetum arvense	FAC	2
Shrub Stratum (0%)	**Status**	**% Cover**	*Cirsium arvense*	FACU+	8
			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:	Natural Resources Inventory		Number: 2613	Sample Site	42
Applicant:	City of Corvallis	County:	Benton	Date:	7/19/2002
Investigators:	SE / ME	Township:	11S Range: 5W	Section:	28

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

SOILS **Mapped Series:** Dixonville silty clay loam **Hydric Soil?:** No

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

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-14	10YR 3/3 10YR 3/2	SCL				80 / 20 mix

*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 (35%)	Status	% Cover
*Quercus garryana**	UPL	100

Shrub Stratum (60%)	Status	% Cover
*Rhus diversiloba**	UPL	85
Rosa eglanteria	FACW	10
Crataegus monogyna	FACU+	5

Herbaceous Stratum (5%)	Status	% Cover
*Dactylis glomerata**	FACU	30
*Polypogon monspeliensis**	FACW	40
Festuca arundinacea	FAC-	5
Poa sp.		5
grazed grass (unindentifiable)		15
Fragaria sp.		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:	**Natural Resources Inventory**	Number:	**2613**	Sample Site	**43**
Applicant:	**City of Corvallis**	County:	**Benton**	Date:	**7/18/2002**
Investigators:	**SE / ME**	Township:	**11S** Range: **5W**	Section:	**28**

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

SOILS **Mapped Series:** Philomath silty clay **Hydric Soil?:** No

Classification: Vertic Haploxerolls **Drainage Class:** well drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-11	10YR 3/2	SL				
11-14	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 (0%)	Status	% Cover

Shrub Stratum (15%)	Status	% Cover
*Rhus diversiloba**	UPL	35
*Crataegus monogyna**	FACU+	55
Cytisus scoparius	UPL	10

Herbaceous Stratum (80%)	Status	% Cover
*Festuca arundinacea**	FAC-	45
*Cirsium arvense**	FACU+	20
Holcus lanatus	FAC	10
Hypericum perforatum	UPL	5
Vicia sativa	UPL	5
Centaurea pratensis	UPL	10
Agrostis tenuis	FAC	5

Woody Vine Stratum (5%)	Status	% Cover
*Rubus discolor**	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:	**Natural Resources Inventory**	Number:	**2613**	Sample Site	**44**
Applicant:	**City of Corvallis**	County:	**Benton**	Date:	**7/18/2002**
Investigators:	**SE / ME**	Township:	**11S** Range: **5W**	Section:	**28**

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

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

SOILS **Mapped Series:** Philomath silty clay **Hydric Soil?:** No

Classification: Vertic Haploxerolls **Drainage Class:** well drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-6	10YR 3/2	SCL	10YR 5/6	common, medium, prominent		
6-14	10YR 4/1	SCL	10YR 5/6	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 (15%)	Status	% Cover
*Salix hookeriana**		100

Shrub Stratum (0%)	Status	% Cover

Herbaceous Stratum (85%)	Status	% Cover
*Phalaris arundinacea**	FACW	40
*Oenanthe sarmentosa**	OBL	40
Typha latifolia	OBL	8
Stachys cooleyae	FACW	5
Scirpus microcarpus	OBL	4
Equisetum arvense	FAC	3

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:	Natural Resources Inventory	Number:	2613	Sample Site	45
Applicant:	City of Corvallis	County:	Benton	Date:	10/3/2002
Investigators:	SE / ME	Township:	11S	Range: 5W	Section: 27

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

SOILS **Mapped Series:** Dixonville silty clay loam **Hydric Soil?:** No

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

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-16	10YR 5/4	SCL				25%
	10YR 5/3	SL	10YR 5/6 & 10YR 6/8	(many, medium, distinct)		25%
	10YR 4/2	SL				50%

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

Criteria Met: No

VEGETATION

Tree Stratum (0%)	Status	% Cover

Shrub Stratum (0%)	Status	% Cover

Herbaceous Stratum (70%)	Status	% Cover
*Festuca arundinacea**	FAC-	65
*Daucus carota**	UPL	20
Rumex crispus	FAC+	3
Hypochaeris radicata	FACU	12

Woody Vine Stratum (30%)	Status	% Cover
*Rubus discolor**	FACU	100

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

Comments: Sample site near asphalt path through the park. Soils include mixed fill material.

Determination: Upland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	**Natural Resources Inventory**		Number: **2613**		Sample Site	**46**	
Applicant:	**City of Corvallis**	County:	**Benton**		Date:	**7/18/2002**	
Investigators:	**SE / ME**	Township:	**11S**	Range: **5W**	Section:	**28**	

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

Is this an Atypical Situation? **No**

HYDROLOGY

			Primary Indicators		Secondary Indicators	
			Inundated		**Ox. rhizospheres**	**Yes**
			Sat. in Upper 12"		**H20-stained leaves**	
Depth of Surf. H2O		**Inches**	**Water Marks**		**Local Soil Survey**	
Depth to Free H20	**>14**	**Inches**	**Drift Lines**		**FAC Neutral Test**	
Depth to Saturation	**>14**	**Inches**	**Sediment Deposits**		**Other** _____	
			Drainage patterns	**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 Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-8	10YR 3/2	SCL				
8-14	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

Shrub Stratum (10%)	Status	% Cover
*Crataegus monogyna**	FACU+	85
Quercus garryana	UPL	15

Herbaceous Stratum (90%)	Status	% Cover
*Centaurea pratensis**	UPL	40
Agrostis tenuis	FAC	20
Festuca rubra	FAC+	5
Alopecurus pratensis	FACW	5
Festuca arundinacea	FAC-	5
Chrysanthemum leucanthemum	UPL	5
Centaurium umbellatum	FAC	5
Fragaria virginiana	FACU	15

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:	**Natural Resources Inventory**	Number:	**2613**	Sample Site	**47**
Applicant:	**City of Corvallis**	County:	**Benton**	Date:	**10/3/2002**
Investigators:	**SE / ME**	Township:	**11S** Range: **5W**	Section:	**27**

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

Is this an Atypical Situation? **Yes**

HYDROLOGY

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

SOILS **Mapped Series:** Dixonville silty clay loam **Hydric Soil?:** No

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

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-6	10YR 3/2	SL				
6-12	10YR 3/1	SCL			Mn 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 (0%)	Status	% Cover	Herbaceous Stratum (100%)	Status	% Cover
			*Festuca arundinacea**	FAC-	45
			*Holcus lanatus**	FAC	30
			Juncus effusus	FACW	5
			Epilobium watsonii	FACW-	5
			Cirsium vulgare	FACU	5
			Alopecurus pratensis	FACW	10
Shrub Stratum (0%)	**Status**	**% Cover**			
			Woody Vine Stratum (0%)	**Status**	**% Cover**

***Percent of dominant species FAC, FACW, or OBL: 50%** Criteria Met: N/A

Comments: The vegetation did not meet wetland criteria because the wetland is within a city park. The area is planted in tall fescue and frequently mowed and maintained.

Determination: Wetland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	Natural Resources Inventory	Number:	2613	Sample Site	48
Applicant:	City of Corvallis	County:	Benton	Date:	7/19/2002
Investigators:	SE / ME	Township:	11S Range: 5W	Section:	28

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

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

SOILS **Mapped Series:** Bashaw clay **Hydric Soil?:** Yes

Classification: Xeric Endoaquerts **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-14	10YR 2.5/1	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 (0%)	Status	% Cover

Shrub Stratum (0%)	Status	% Cover

Herbaceous Stratum (100%)	Status	% Cover
*Festuca arundinacea**	FAC-	35
*Holcus lanatus**	FAC	20
*Alopecurus pratensis**	FACW	20
Daucus carota	UPL	3
Vicia tetrasperma	UPL	5
Parentucellia viscosa	FAC-	5
Centaurium umbellatum	FAC	2
Agrostis tenuis	FAC	10

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:	Natural Resources Inventory	Number:	2613	Sample Site	49
Applicant:	City of Corvallis	County:	Benton	Date:	7/19/2002
Investigators:	SE / ME	Township:	11S Range: 5W	Section:	28

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

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

SOILS **Mapped Series:** Bashaw clay **Hydric Soil?:** Yes

Classification: Xeric Endoaquerts **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-14	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 (0%)	Status	% Cover

Shrub Stratum (5%)	Status	% Cover
*Crataegus monogyna**	FACU+	100

Herbaceous Stratum (85%)	Status	% Cover
*Holcus lanatus**	FAC	20
*Avena sativa**	UPL	25
*Festuca arundinacea**	FAC-	15
Daucus carota	UPL	10
Chrysanthemum leucanthemum	UPL	5
Parentucellia viscosa	FAC-	5
*Agrostis tenuis**	FAC	15
Juncus effusus	FACW	3
Hypericum perforatum	UPL	2

Woody Vine Stratum (10%)	Status	% Cover
*Rubus discolor**	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:	**Natural Resources Inventory**	Number:	**2613**	Sample Site	**50**
Applicant:	**City of Corvallis**	County:	**Benton**	Date:	**10/3/2002**
Investigators:	**SE / ME**	Township:	**11S** Range: **5W**	Section:	**28**

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

SOILS **Mapped Series:** Hazelair complex **Hydric Soil?:** No

Classification: Aquultic Haploxerolls **Drainage Class:** moderately well drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-8	10YR 3/2	SL				
8-16	10YR 4/3	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
			*Festuca arundinacea**	FAC-	47
			*Daucus carota**	UPL	40
			Trifolium pratense	FACU	5
			Hypochaeris radicata	FACU	8
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:	Natural Resources Inventory		Number:	2613	Sample Site	51	
Applicant:	City of Corvallis	County:	Benton		Date:	10/3/2002	
Investigators:	SE / ME	Township:	11S	Range: 5W	Section:	28	

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

Is this an Atypical Situation? **Yes**

HYDROLOGY

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

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

SOILS **Mapped Series:** Hazelair complex **Hydric Soil?:** No

Classification: Aquultic Haploxerolls **Drainage Class:** moderately well drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-6	10YR 3/2	SL				
6-12	10YR 3/2					

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

Criteria Met: **Yes**

VEGETATION

Tree Stratum (0%)	Status	% Cover

Shrub Stratum (0%)	Status	% Cover

Herbaceous Stratum (100%)	Status	% Cover
*Festuca arundinacea**	FAC-	50
*Holcus lanatus**	FAC	30
Juncus effusus	FACW	5
Hypochaeris radicata	FACU	10
Trifolium pratense	FACU	5

Woody Vine Stratum (0%)	Status	% Cover

***Percent of dominant species FAC, FACW, or OBL:** **50%** **Criteria Met:** **N/A**

Comments: The vegetation did not meet wetland criteria because the wetland is within a city park. The area is planted in tall fescue and frequently mowed and maintained.

Determination: **Wetland**

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	Natural Resources Inventory	Number:	2613	Sample Site	52
Applicant:	City of Corvallis	County:	Benton	Date:	6/25/2002
Investigators:	PF / CR	Township:	11S Range: 5W	Section:	28

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

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

SOILS **Mapped Series:** Dixonville silty clay loam **Hydric Soil?:** No

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

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-14	10YR 3/2	SCL	10YR 3/6	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

Shrub Stratum (0%)	Status	% Cover

Herbaceous Stratum (100%)	Status	% Cover
*Dipsacus sylvestris**	FAC	50
Parentucellia viscosa	FAC-	15
Juncus tenuis	FACW-	5
Alopecurus pratensis	FACW	5
Briza minor	FAC	5
Holcus lanatus	FAC	15
Myosotis discolor	FACW	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:	Natural Resources Inventory	Number:	2613	Sample Site	53
Applicant:	City of Corvallis	County:	Benton	Date:	6/25/2002
Investigators:	PF / CR	Township:	11S	Range: 5W	Section: 28

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

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

SOILS **Mapped Series:** Dixonville silty clay loam **Hydric Soil?:** No

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

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

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

Criteria Met: No

VEGETATION

Tree Stratum (0%)	Status	% Cover

Shrub Stratum (0%)	Status	% Cover

Herbaceous Stratum (100%)	Status	% Cover
*Cirsium vulgare**	FACU	20
*Alopecurus pratensis**	FACW	20
*Daucus carota**	UPL	20
Avena sativa	UPL	5
Cirsium arvense	FACU+	10
Centaurea maculosa	UPL	10
Geranium robertianum	UPL	5
Parentucellia viscosa	FAC-	10

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:	Natural Resources Inventory	Number:	2613	Sample Site	54
Applicant:	City of Corvallis	County:	Benton	Date:	10/4/2002
Investigators:	FS / SE	Township:	11S Range: 5W	Section:	25

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

SOILS **Mapped Series:** Wapato silty clay loam **Hydric Soil?:** Yes

Classification: Fluvaquentic Endoaquolls **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-4	10YR 4/2	SL				
4-7	10YR 4/2	L	10YR 4/4	common, medium, distinct		
7-12	10YR 4/2	SDL				70%
	2.5Y 5/2	SDL				30%

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

Criteria Met: No

VEGETATION

Tree Stratum (25%)	Status	% Cover
*Populus trichocarpa**	FAC	100

Shrub Stratum (40%)	Status	% Cover
Cornus stolonifera	FACW	10
Crataegus douglasii	FAC	15
*Crataegus monogyna**	FACU+	40
*Rhamnus purshiana**	FAC-	25
Rhus diversiloba	UPL	10

Herbaceous Stratum (35%)	Status	% Cover
*Festuca arundinacea**	FAC-	45
*Rhus diversiloba**	UPL	25
*Agrostis tenuis**	FAC	30

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:	Natural Resources Inventory		Number: 2613		Sample Site	55	
Applicant:	City of Corvallis	County:	Benton		Date:	6/13/2002	
Investigators:	PF / CR	Township:	11S	Range: 5W	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
			Inundated	Ox. rhizospheres
			Sat. in Upper 12"	H20-stained leaves
Depth of Surf. H2O		Inches	Water Marks	Local Soil Survey
Depth to Free H20	>14	Inches	Drift Lines	FAC Neutral Test
Depth to Saturation	>14	Inches	Sediment Deposits	Other _____
			Drainage patterns	Criteria Met: No

SOILS **Mapped Series:** Philomath silty clay **Hydric Soil?:** No

Classification: Vertic Haploxerolls **Drainage Class:** well drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-14	10YR 2/2	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 (65%)	Status	% Cover
*Acer macrophyllum**	FACU	60
*Alnus rubra**	FAC	40

Shrub Stratum (10%)	Status	% Cover
*Prunus emarginata**	FACU	60
*Corylus cornuta**	FACU	30
Rhamnus purshiana	FAC-	10

Herbaceous Stratum (15%)	Status	% Cover
*Brachypodium sylvaticum**	UPL	30
*Galium aparine**	FACU	20
*Claytonia sibirica**	FAC	40
Polystichum munitum	FACU	10

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

***Percent of dominant species FAC, FACW, or OBL:** 25% Criteria Met: No

Comments:

Determination: Upland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	Natural Resources Inventory		Number:	2613	Sample Site	56	
Applicant:	City of Corvallis	County:	Benton		Date:	7/19/2002	
Investigators:	SE / ME	Township:	11S	Range: 5W	Section:	28	

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

SOILS **Mapped Series:** Philomath silty clay **Hydric Soil?:** No

Classification: Vertic Haploxerolls **Drainage Class:** well drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-12	2.5Y 2.5/1	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

Shrub Stratum (7%)	Status	% Cover
*Rosa eglanteria**	FACW	70
*Crataegus monogyna**	FACU+	30

Herbaceous Stratum (93%)	Status	% Cover
*Holcus lanatus**	FAC	35
Alopecurus pratensis	FACW	10
Centaurium umbellatum	FAC	15
Juncus tenuis	FACW-	10
Arrhenatherum elatius	UPL	5
Parentucellia viscosa	FAC-	5
Carex densa	OBL	8
Daucus carota	UPL	2

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:	Natural Resources Inventory	Number:	2613	Sample Site	57
Applicant:	City of Corvallis	County:	Benton	Date:	6/13/2002
Investigators:	PF / CR	Township:	11S	Range: 5W	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
			Inundated		Ox. rhizospheres
			Sat. in Upper 12"	Yes	H20-stained leaves
Depth of Surf. H2O		Inches	Water Marks		Local Soil Survey
Depth to Free H20	>14	Inches	Drift Lines		FAC Neutral Test
Depth to Saturation	6	Inches	Sediment Deposits		Other _____
			Drainage patterns	Yes	Criteria Met: Yes

SOILS **Mapped Series:** Philomath silty clay **Hydric Soil?:** No

Classification: Vertic Haploxerolls **Drainage Class:** well drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-14	5Y 2.5/1	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 (50%)	Status	% Cover
Acer macrophyllum	FACU	10	*Carex lanuginosa**	OBL	80
*Fraxinus latifolia**	FACW	90	*Mimulus sp.**	FACW-OBL	20

Shrub Stratum (0%)	Status	% Cover	Woody Vine Stratum (10%)	Status	% Cover
			*Rubus ursinus**	FACU	100

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

Comments:

Determination: Wetland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	Natural Resources Inventory	Number:	2613	Sample Site	58
Applicant:	City of Corvallis	County:	Benton	Date:	6/25/2002
Investigators:	PF / CR	Township:	11S	Range: 5W	Section: 33

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

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

SOILS **Mapped Series:** Bashaw silty clay loam **Hydric Soil?:** Yes

Classification: Xeric Endoaquerts **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-14	10YR 3/1	SCL	10YR 3/4	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 (0%)	Status	% Cover

Shrub Stratum (0%)	Status	% Cover

Herbaceous Stratum (100%)	Status	% Cover
Alopecurus geniculatus	OBL	10
*Holcus lanatus**	FAC	40
Rumex crispus	FAC+	5
Alopecurus pratensis	FACW	15
*Ranunculus repens**	FACW	20
Trifolium repens	FAC	10

Woody Vine Stratum (0%)	Status	% Cover

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

Comments:

Determination: **Wetland**

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	**Natural Resources Inventory**	Number:	**2613**	Sample Site	**59**
Applicant:	**City of Corvallis**	County:	**Benton**	Date:	**6/13/2002**
Investigators:	**PF / CR**	Township:	**11S** Range: **5W**	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
			Inundated	**Ox. rhizospheres**
			Sat. in Upper 12"	**H20-stained leaves**
Depth of Surf. H2O		**Inches**	**Water Marks**	**Local Soil Survey**
Depth to Free H20	**>14**	**Inches**	**Drift Lines**	**FAC Neutral Test**
Depth to Saturation	**>14**	**Inches**	**Sediment Deposits**	**Other** _____
			Drainage patterns	**Criteria Met: No**

SOILS **Mapped Series:** Philomath silty clay **Hydric Soil?:** No

Classification: Vertic Haploxerolls **Drainage Class:** well drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-14	10YR 2/1	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 (45%)	Status	% Cover
*Quercus garryana**	**UPL**	**80**
*Fraxinus latifolia**	**FACW**	**20**

Shrub Stratum (15%)	Status	% Cover
*Rosa nutkana**	**FAC**	**70**
Crataegus douglasii	**FAC**	**30**

Herbaceous Stratum (30%)	Status	% Cover
*Brachypodium sylvaticum**	**UPL**	**100**

Woody Vine Stratum (10%)	Status	% Cover
*Rubus ursinus**	**FACU**	**50**
*Rhus diversiloba**	**UPL**	**50**

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

Comments:

Determination: Upland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	Natural Resources Inventory	Number:	2613	Sample Site	60
Applicant:	City of Corvallis	County:	Benton	Date:	6/13/2002
Investigators:	PF / CR	Township:	11S	Range: 5W	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
			Inundated		Ox. rhizospheres
			Sat. in Upper 12"	Yes	H20-stained leaves
Depth of Surf. H2O		Inches	Water Marks		Local Soil Survey
Depth to Free H20	8	Inches	Drift Lines		FAC Neutral Test
Depth to Saturation	0	Inches	Sediment Deposits		Other _____
			Drainage patterns	Yes	Criteria Met: Yes

SOILS **Mapped Series:** Philomath silty clay **Hydric Soil?:** No

Classification: Vertic Haploxerolls **Drainage Class:** well drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-14	10YR 2.5/1	SCL				gley

*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
*Crataegus douglasii**	FAC	20
*Fraxinus latifolia**	FACW	80

Shrub Stratum (20%)	Status	% Cover
*Physocarpus capitatus**	FACW-	60
*Crataegus douglasii**	FAC	30
Crataegus monogyna	FACU+	10

Herbaceous Stratum (30%)	Status	% Cover
*Equisetum arvense**	FAC	60
Glyceria occidentalis	OBL	10
*Ranunculus repens**	FACW	20
Polystichum munitum	FACU	10

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

***Percent of dominant species FAC, FACW, or OBL:** 86% Criteria Met: Yes

Comments:

Determination: Wetland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	Natural Resources Inventory			Number:	2613	Sample Site	61
Applicant:	City of Corvallis		County:	Benton		Date:	5/23/2002
Investigators:	JVS / PF		Township:	11S	Range: 5W	Section:	32

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

SOILS **Mapped Series:** Bashaw clay **Hydric Soil?:** Yes

Classification: Xeric Endoaquerts **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-16	5Y 2.5/1	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
			*Festuca arundinacea**	FAC-	30
			Ranunculus acris	FACW-	10
			Chrysanthemum leucanthemum	UPL	5
			Holcus lanatus	FAC	10
			Hypochaeris radicata	FACU	10
			Agrostis tenuis	FAC	10
Shrub Stratum (0%)	**Status**	**% Cover**	*Vicia sativa*	UPL	5
			Cerastium arvense	FACU	5
			Cirsium arvense	FACU+	2
			Juncus tenuis	FACW-	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:	Natural Resources Inventory	Number:	2613	Sample Site	62
Applicant:	City of Corvallis	County:	Benton	Date:	6/13/2002
Investigators:	PF / CR	Township:	11S	Range: 5W	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

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

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

SOILS **Mapped Series:** Dixonville silty clay loam **Hydric Soil?:** No

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

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-14	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 (10%)	Status	% Cover
*Crataegus monogyna**	FACU+	100

Shrub Stratum (10%)	Status	% Cover
*Rhus diversiloba**	UPL	100

Herbaceous Stratum (60%)	Status	% Cover
*Lolium multiflorum**	UPL	20
Prunella vulgaris	FACU+	10
*Daucus carota**	UPL	20
Bromus mollis	UPL	10
*Festuca arundinacea**	FAC-	35
Holcus lanatus	FAC	5

Woody Vine Stratum (20%)	Status	% Cover
*Rubus discolor**	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:	**Natural Resources Inventory**	Number:	**2613**	Sample Site	**63**
Applicant:	**City of Corvallis**	County:	**Benton**	Date:	**10/4/2002**
Investigators:	**FS / SE**	Township:	**11S** Range: **5W**	Section:	**25**

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

SOILS **Mapped Series:** Wapato silty clay loam **Hydric Soil?:** Yes

Classification: Fluvaquentic Endoaquolls **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-5	10YR 3/2	SL				
5-9	10YR 3.5/1	SCL	10YR 3/3	common, medium, distinct		
9-14	10YR 3.5/2	SL	10YR 3/3	few, fine faint		

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

Criteria Met: Yes

VEGETATION

Tree Stratum (0%)	Status	% Cover

Shrub Stratum (50%)	Status	% Cover
*Salix piperi**	FACW	95
Fraxinus latifolia	FACW	5

Herbaceous Stratum (50%)	Status	% Cover
*Carex obnupta**	OBL	40
*Juncus effusus**	FACW	20
Holcus lanatus	FAC	10
*Agrostis tenuis**	FAC	20
Epilobium watsonii	FACW-	5
Festuca arundinacea	FAC-	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:	Natural Resources Inventory	Number:	2613	Sample Site	64
Applicant:	City of Corvallis	County:	Benton	Date:	6/13/2002
Investigators:	PF / CR	Township:	11S	Range: 5W	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
			Inundated	Ox. rhizospheres
			Sat. in Upper 12"	H20-stained leaves
Depth of Surf. H2O		Inches	Water Marks	Local Soil Survey
Depth to Free H20	>14	Inches	Drift Lines	FAC Neutral Test
Depth to Saturation	>14	Inches	Sediment Deposits	Other _____
			Drainage patterns Yes	Criteria Met: Yes

SOILS **Mapped Series:** Dixonville silty clay loam **Hydric Soil?:** No

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

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-14	2.5N	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

Shrub Stratum (20%)	Status	% Cover
*Rosa pisocarpa**	FAC	50
*Salix sitchensis**	FACW	30
*Salix lasiandra**	FACW+	20

Herbaceous Stratum (80%)	Status	% Cover
*Deschampsia cespitosa**	FACW	40
Carex densa	OBL	10
Parentucellia viscosa	FAC-	10
Agrostis tenuis	FAC	10
Briza minor	FAC	5
Myosotis discolor	FACW	5
Juncus acuminatus	OBL	5
Carex unilateralis	FACW	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:	Natural Resources Inventory	Number:	2613	Sample Site	66
Applicant:	City of Corvallis	County:	Benton	Date:	5/23/2002
Investigators:	JVS / PF	Township:	11S	Range: 5W	Section: 32

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

Is this an Atypical Situation? **No**

HYDROLOGY

Depth of Surf. H2O	2	Inches
Depth to Free H20		Inches
Depth to Saturation	0	Inches

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

SOILS **Mapped Series:** Bashaw clay **Hydric Soil?:** Yes

Classification: Xeric Endoaquerts **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-12	2.5/10Y	C				
12-16	2.5/10Y	C	10YR 5/6	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

Shrub Stratum (0%)	Status	% Cover

Herbaceous Stratum (100%)	Status	% Cover
*Festuca arundinacea**	FAC-	25
*Carex unilateralis**	FACW	20
*Juncus tenuis**	FACW-	20
*Alopecurus pratensis**	FACW	20
Carex densa	OBL	5
Juncus effusus	FACW	5
Eleocharis ovata	OBL	5

Woody Vine Stratum (0%)	Status	% Cover

***Percent of dominant species FAC, FACW, or OBL: 75%** **Criteria Met: Yes**

Comments:

Determination: Wetland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	Natural Resources Inventory	Number:	2613	Sample Site	67
Applicant:	City of Corvallis	County:	Benton	Date:	5/23/2002
Investigators:	JVS / PF	Township:	11S Range: 5W	Section:	32

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

Is this an Atypical Situation? **No**

HYDROLOGY

			Primary Indicators	Secondary Indicators
			Inundated	Ox. rhizospheres
			Sat. in Upper 12"	H20-stained leaves
Depth of Surf. H2O		Inches	Water Marks	Local Soil Survey
Depth to Free H20	>15	Inches	Drift Lines	FAC Neutral Test
Depth to Saturation	>15	Inches	Sediment Deposits	Other _____
			Drainage patterns	Criteria Met: No

SOILS **Mapped Series:** Bashaw clay **Hydric Soil?:** Yes

Classification: Xeric Endoaquerts **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-15	10YR 2/2	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: No

VEGETATION

Tree Stratum (0%)	Status	% Cover	Herbaceous Stratum (100%)	Status	% Cover
			*Festuca arundinacea**	FAC-	20
			*Lolium multiflorum**	UPL	40
			Hypochaeris radicata	FACU	5
			Alopecurus pratensis	FACW	10
			Trifolium dubium	UPL	10
			Cerastium arvense	FACU	5
Shrub Stratum (0%)	**Status**	**% Cover**	*Briza minor*	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:	Natural Resources Inventory	Number:	2613	Sample Site	68
Applicant:	City of Corvallis	County:	Benton	Date:	6/13/2002
Investigators:	PF / CR	Township:	11S	Range: 5W	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	
			Inundated	Ox. rhizospheres	Yes
			Sat. in Upper 12"	H20-stained leaves	Yes
Depth of Surf. H2O		Inches	Water Marks	Local Soil Survey	
Depth to Free H20	>14	Inches	Drift Lines	FAC Neutral Test	
Depth to Saturation	>14	Inches	Sediment Deposits	Other	
			Drainage patterns Yes	Criteria Met:	Yes

SOILS **Mapped Series:** Dixonville silty clay loam **Hydric Soil?:** No

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

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-14	10YR 2/1	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

Shrub Stratum (0%)	Status	% Cover

Herbaceous Stratum (100%)	Status	% Cover
*Holcus lanatus**	FAC	20
*Agrostis tenuis**	FAC	20
*Carex densa**	OBL	20
Festuca arundinacea	FAC-	5
Briza minor	FAC	10
Juncus effusus	FACW	5
Glyceria elata	FACW+	10
Juncus tenuis	FACW-	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:	**Natural Resources Inventory**	Number:	**2613**	Sample Site	**69**
Applicant:	**City of Corvallis**	County:	**Benton**	Date:	**6/13/2002**
Investigators:	**PF / CR**	Township:	**11S** Range: **5W**	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
			Inundated	Ox. rhizospheres
			Sat. in Upper 12"	H20-stained leaves
Depth of Surf. H2O		Inches	Water Marks	Local Soil Survey
Depth to Free H20	>14	Inches	Drift Lines	FAC Neutral Test
Depth to Saturation	>14	Inches	Sediment Deposits	Other _____
			Drainage patterns	**Criteria Met: No**

SOILS **Mapped Series:** Dixonville silty clay loam **Hydric Soil?:** No

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

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-14	10YR 2/1	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

Shrub Stratum (0%)	Status	% Cover

Herbaceous Stratum (90%)	Status	% Cover
Holcus lanatus	FAC	5
Cirsium vulgare	FACU	5
Alopecurus pratensis	FACW	5
*Daucus carota**	UPL	20
*Hypochaeris radicata**	FACU	20
*Taraxacum officinale**	FACU	20
*Festuca arundinacea**	FAC-	20
Juncus tenuis	FACW-	5

Woody Vine Stratum (10%)	Status	% Cover
*Rubus discolor**	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:	Natural Resources Inventory	Number:	2613	Sample Site	70
Applicant:	City of Corvallis	County:	Benton	Date:	7/19/2002
Investigators:	SE / ME	Township:	11S	Range: 5W	Section: 28

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

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

SOILS **Mapped Series:** Philomath silty clay **Hydric Soil?:** No

Classification: Vertic Haploxerolls **Drainage Class:** well drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-14	2.5Y 2.5/1	CL				

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

Criteria Met: Yes

VEGETATION

Tree Stratum (0%)	Status	% Cover

Shrub Stratum (5%)	Status	% Cover
*Crataegus monogyna**	FACU+	100

Herbaceous Stratum (95%)	Status	% Cover
*Holcus lanatus**	FAC	30
*Juncus effusus**	FACW	50
Dipsacus sylvestris	FAC	15
Cirsium arvense	FACU+	5
Parentucellia viscosa	FAC-	Trace

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:	Natural Resources Inventory	Number:	2613	Sample Site	71
Applicant:	City of Corvallis	County:	Benton	Date:	6/25/2002
Investigators:	PF / CR	Township:	11S	Range: 5W	Section: 33

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

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

SOILS **Mapped Series:** Coburg silty clay loam **Hydric Soil?:** No

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

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
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

Shrub Stratum (0%)	Status	% Cover

Herbaceous Stratum (100%)	Status	% Cover
Aira caryophylla	UPL	15
*Avena sativa**	UPL	70
Trifolium pratense	FACU	10
Holcus lanatus	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:	Natural Resources Inventory			Number:	2613	Sample Site	72
Applicant:	City of Corvallis			County:	Benton	Date:	6/25/2002
Investigators:	PF / CR			Township:	11S	Range: 5W	Section: 32

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

Is this an Atypical Situation? **No**

HYDROLOGY			Primary Indicators	Secondary Indicators
			Inundated	Ox. rhizospheres
			Sat. in Upper 12"	H20-stained leaves
Depth of Surf. H2O		Inches	Water Marks	Local Soil Survey
Depth to Free H20	>16	Inches	Drift Lines	FAC Neutral Test
Depth to Saturation	>16	Inches	Sediment Deposits	Other _____
			Drainage patterns Yes	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 Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-6	10YR 3/2	SL				
6-16	10YR 2/1	C	10YR 4/6	few, fine, distinct		

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

Criteria Met: Yes

VEGETATION

Tree Stratum (0%)	Status	% Cover	Herbaceous Stratum (100%)	Status	% Cover
			*Avena sativa**	UPL	40
			*Holcus lanatus**	FAC	60
Shrub Stratum (0%)	**Status**	**% Cover**			
			Woody Vine Stratum (0%)	**Status**	**% Cover**

***Percent of dominant species FAC, FACW, or OBL:** 50% Criteria Met: N/A

Comments: Farmed wetland

Determination: Wetland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	Natural Resources Inventory		Number: 2613		Sample Site	73	
Applicant:	City of Corvallis	County:	Benton		Date:	5/23/2002	
Investigators:	JVS / PF	Township:	11S	Range: 5W	Section:	32	

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

Is this an Atypical Situation? **No**

HYDROLOGY

			Primary Indicators	Secondary Indicators
			Inundated	Ox. rhizospheres
			Sat. in Upper 12"	H20-stained leaves
Depth of Surf. H2O		Inches	Water Marks	Local Soil Survey
Depth to Free H20	>16	Inches	Drift Lines	FAC Neutral Test
Depth to Saturation	>16	Inches	Sediment Deposits	Other _____
			Drainage patterns 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 Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-16	2.5Y 2.5/1	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 (90%)	Status	% Cover
			*Equisetum arvense**	FAC	25
			*Myosotis discolor**	FACW	25
			Epilobium watsonii	FACW-	10
			Juncus effusus	FACW	10
			Carex densa	OBL	5
			Cirsium arvense	FACU+	15
Shrub Stratum (0%)	**Status**	**% Cover**	*Agrostis tenuis*	FAC	5
			Parentucellia viscosa	FAC-	5
			Woody Vine Stratum (10%)	**Status**	**% Cover**
			*Rubus discolor**	FACU	100

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

Comments:

Determination: Wetland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	Natural Resources Inventory	Number:	2613	Sample Site	74
Applicant:	City of Corvallis	County:	Benton	Date:	5/23/2002
Investigators:	JVS / PF	Township:	11S	Range: 5W	Section: 32

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

SOILS **Mapped Series:** Bashaw clay **Hydric Soil?:** Yes

Classification: Xeric Endoaquerts **Drainage Class:** poorly drained

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

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

Criteria Met: No

VEGETATION

Tree Stratum (0%)	Status	% Cover

Shrub Stratum (0%)	Status	% Cover

Herbaceous Stratum (100%)	Status	% Cover
*Lolium multiflorum**	UPL	60
Cirsium arvense	FACU+	5
Myosotis discolor	FACW	10
Geranium molle	UPL	10
Briza minor	FAC	2
Avena sativa	UPL	3
Agrostis tenuis	FAC	5
Daucus carota	UPL	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:	Natural Resources Inventory	Number:	2613	Sample Site	75
Applicant:	City of Corvallis	County:	Benton	Date:	6/25/2002
Investigators:	PF / CR	Township:	11S Range: 5W	Section:	32

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

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

Criteria Met: No

SOILS **Mapped Series:** Coburg silty clay loam **Hydric Soil?:** No

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

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-4	10YR 3/2	SCL				
4-16	10YR 2/1	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

Shrub Stratum (0%)	Status	% Cover

Herbaceous Stratum (100%)	Status	% Cover
*Trifolium repens**	FAC	20
*Avena sativa**	UPL	60
*Aira caryophylla**	UPL	20

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:	Natural Resources Inventory	Number:	2613	Sample Site	76
Applicant:	City of Corvallis	County:	Benton	Date:	6/20/2002
Investigators:	SE / ME	Township:	11S	Range: 5W	Section: 33

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

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

SOILS **Mapped Series:** Bashaw clay **Hydric Soil?:** Yes

Classification: Xeric Endoaquerts **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-15	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

Shrub Stratum (0%)	Status	% Cover

Herbaceous Stratum (100%)	Status	% Cover
Parentucellia viscosa	FAC-	10
Vicia sativa	UPL	10
*Alopecurus pratensis**	FACW	35
Holcus lanatus	FAC	15
Festuca rubra	FAC+	15
Festuca arundinacea	FAC-	15

Woody Vine Stratum (0%)	Status	% Cover

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

Comments:

Determination: Upland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	Natural Resources Inventory	Number:	2613	Sample Site	77
Applicant:	City of Corvallis	County:	Benton	Date:	6/25/2002
Investigators:	PF / CR	Township:	11S	Range: 5W	Section: 33

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

SOILS **Mapped Series:** Bashaw clay **Hydric Soil?:** Yes

Classification: Xeric Endoaquerts **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-12	10YR 3/3	SL				compact soil

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

Criteria Met: No

VEGETATION

Tree Stratum (0%)	Status	% Cover

Shrub Stratum (0%)	Status	% Cover

Herbaceous Stratum (100%)	Status	% Cover
Festuca rubra	FAC+	10
*Alopecurus pratensis**	FACW	40
*Trifolium pratense**	FACU	25
Holcus lanatus	FAC	10
Taraxacum officinale	FACU	5
Parentucellia viscosa	FAC-	5
Poa pratensis	FAC	5

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:	Natural Resources Inventory	Number:	2613	Sample Site	78
Applicant:	City of Corvallis	County:	Benton	Date:	6/25/2002
Investigators:	PF / CR	Township:	11S	Range: 5W	Section: 33

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

SOILS **Mapped Series:** Bashaw clay **Hydric Soil?:** Yes

Classification: Xeric Endoaquerts **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-16	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 (100%)	Status	% Cover
			*Alopecurus pratensis**	FACW	50
			*Agrostis tenuis**	FAC	20
			Juncus tenuis	FACW-	10
			*Trifolium dubium**	UPL	20
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:	Natural Resources Inventory	Number:	2613	Sample Site	79
Applicant:	City of Corvallis	County:	Benton	Date:	6/25/2002
Investigators:	PF / CR	Township:	11S	Range: 5W	Section: 32

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

SOILS **Mapped Series:** Bashaw clay **Hydric Soil?:** Yes

Classification: Xeric Endoaquerts **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-14	7.5YR 2.5/1	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
			*Grindelia integrifolia**	FACW	20
			*Alopecurus pratensis**	FACW	20
			Lomatium nudicaule	UPL	5
			Brodaea elegans	UPL	5
			Centaurium umbellatum	UPL	5
			Prunella vulgaris	FACU+	10
Shrub Stratum (0%)	**Status**	**% Cover**	*Vicia sativa*	UPL	10
			Parentucellia viscosa	FAC-	10
			Cynosurus cristatus	UPL	10
			Woody Vine Stratum (0%)	**Status**	**% Cover**

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

Comments: in mosaic area

Determination: Upland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	Natural Resources Inventory	Number:	2613	Sample Site	80
Applicant:	City of Corvallis	County:	Benton	Date:	10/4/2002
Investigators:	FS / SE	Township:	11S	Range: 5W	Section: 35

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

SOILS **Mapped Series:** Wapato silty clay loam **Hydric Soil?:** Yes

Classification: Fluvaquentic Endoaquolls **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-5	10YR 2/2	SL	7.5YR 3/3	few, medium, faint		
5-8	10YR 3/2	SL	10YR 3/4	common, medium, distinct		
8-14	10YR 3/2	SCL	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 (20%)	Status	% Cover	Herbaceous Stratum (80%)	Status	% Cover
*Fraxinus latifolia**	FACW	100	*Hordeum brachyantherum*	FACW-	10
			Carex athrostachya	FACW	5
			*Alopecurus pratensis**	FACW	50
			*Holcus lanatus**	FAC	20
			Festuca arundinacea	FAC-	10
			Dipsacus sylvestris	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:	Natural Resources Inventory	Number:	2613	Sample Site	81
Applicant:	City of Corvallis	County:	Benton	Date:	6/25/2002
Investigators:	PF / CR	Township:	11S Range: 5W	Section:	32

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

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

SOILS **Mapped Series:** Bashaw clay **Hydric Soil?:** Yes

Classification: Xeric Endoaquerts **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-14	10YR 2/1	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 (0%)	Status	% Cover

Shrub Stratum (0%)	Status	% Cover

Herbaceous Stratum (100%)	Status	% Cover
*Holcus lanatus**	FAC	20
*Alopecurus pratensis**	FACW	40
Parentucellia viscosa	FAC-	10
Vicia tetrasperma	UPL	10
Centaurium umbellatum	FAC	5
Grindelia integrifolia	FACW	5
Lomatium nudicaule	UPL	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:	Natural Resources Inventory	Number:	2613	Sample Site	82
Applicant:	City of Corvallis	County:	Benton	Date:	6/25/2002
Investigators:	PF / CR	Township:	11S	Range: 5W	Section: 33

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

SOILS **Mapped Series:** Bashaw silty clay loam **Hydric Soil?:** Yes

Classification: Xeric Endoaquerts **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-12	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
			*Alopecurus geniculatus**	OBL	20
			Alopecurus pratensis	FACW	5
			Parentucellia viscosa	FAC-	5
			Poa pratensis	FAC	10
			*Lolium multiflorum**	UPL	20
			Holcus lanatus	FAC	10
Shrub Stratum (0%)	**Status**	**% Cover**	*Matricaria matricarioides**	FACU	30
			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:	Natural Resources Inventory	Number:	2613	Sample Site	83
Applicant:	City of Corvallis	County:	Benton	Date:	6/25/2002
Investigators:	PF / CR	Township:	11S Range: 5W	Section:	32

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

SOILS **Mapped Series:** Bashaw silty clay loam **Hydric Soil?:** Yes

Classification: Xeric Endoaquerts **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-14	10YR 3/2	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
			*Alopecurus geniculatus**	OBL	60
			Parentucellia viscosa	FAC-	15
			Matricaria matricarioides	FACU	10
			Agrostis tenuis	FAC	15
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:	Natural Resources Inventory	Number:	2613	Sample Site	84
Applicant:	City of Corvallis	County:	Benton	Date:	6/20/2002
Investigators:	SE / ME	Township:	11S	Range: 5W	Section: 33

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

Is this an Atypical Situation? **No**

HYDROLOGY

			Primary Indicators	Secondary Indicators
			Inundated	Ox. rhizospheres Yes
			Sat. in Upper 12"	H20-stained leaves
Depth of Surf. H2O		Inches	Water Marks	Local Soil Survey
Depth to Free H20	>15	Inches	Drift Lines	FAC Neutral Test
Depth to Saturation	>15	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 Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-15	10YR 3/2	SL	5YR 5/8	many, distinct, 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
			Lotus corniculatus	FAC	5
			*Juncus effusus**	FACW	60
			Alopecurus pratensis	FACW	15
			Holcus lanatus	FAC	15
			Vicia sativa	UPL	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:	Natural Resources Inventory	Number:	2613	Sample Site	85
Applicant:	City of Corvallis	County:	Benton	Date:	6/20/2002
Investigators:	SE / ME	Township:	11S	Range: 5W	Section: 33

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

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

SOILS **Mapped Series:** Bashaw clay **Hydric Soil?:** Yes

Classification: Xeric Endoaquerts **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-15	10YR 3/2	SL	7.5YR 5/8	common, distinct, 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

Shrub Stratum (0%)	Status	% Cover

Herbaceous Stratum (100%)	Status	% Cover
Lotus corniculatus	FAC	5
*Carex athrostachya**	FACW	20
*Alopecurus pratensis**	FACW	45
*Holcus lanatus**	FAC	30

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:	Natural Resources Inventory		Number: 2613		Sample Site	87	
Applicant:	City of Corvallis	County:	Benton		Date:	5/23/2002	
Investigators:	JVS / PF	Township:	11S	Range: 5W	Section:	32	

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

SOILS **Mapped Series:** Bashaw clay **Hydric Soil?:** Yes

Classification: Xeric Endoaquerts **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-12	10YR 2/1	C	7.5YR 4/6	common, medium, distinct		
12-16	10YR 2/1	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

Shrub Stratum (0%)	Status	% Cover

Herbaceous Stratum (100%)	Status	% Cover
*Lolium multiflorum**	UPL	50
Avena sativa	UPL	10
*Vicia sativa**	UPL	20
Ranunculus acris	FACW-	5
Myosotis discolor	FACW	5
Cerastium arvense	FACU	5
Geranium molle	UPL	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:	Natural Resources Inventory	Number:	2613	Sample Site	88
Applicant:	City of Corvallis	County:	Benton	Date:	6/20/2002
Investigators:	SE / ME	Township:	11S	Range: 5W	Section: 33

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

Is this an Atypical Situation? **No**

HYDROLOGY

			Primary Indicators	Secondary Indicators
			Inundated	Ox. rhizospheres
			Sat. in Upper 12"	H20-stained leaves
Depth of Surf. H2O		Inches	Water Marks	Local Soil Survey
Depth to Free H20	>3	Inches	Drift Lines	FAC Neutral Test
Depth to Saturation	>3	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 Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-3	10YR 3/3	SL				refused at 3 due to rock and 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

Shrub Stratum (0%)	Status	% Cover
		100

Herbaceous Stratum (100%)	Status	% Cover
*Festuca arundinacea**	FAC-	40
Vicia sativa	UPL	15
*Alopecurus pratensis**	FACW	30
*Holcus lanatus**	FAC	10
Rumex crispus	FAC+	2
Parentucellia viscosa	FAC-	3

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:	Natural Resources Inventory	Number:	2613	Sample Site	89
Applicant:	City of Corvallis	County:	Benton	Date:	6/25/2002
Investigators:	PF / CR	Township:	11S Range: 5W	Section:	33

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

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

SOILS **Mapped Series:** Bashaw silty clay loam **Hydric Soil?:** Yes

Classification: Xeric Endoaquerts **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-6	10YR 3/2	SL	10YR 4/6	common, medium, distinct		
6-14	10YR 4/4	SL	10YR 5/6	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

Shrub Stratum (0%)	Status	% Cover

Herbaceous Stratum (100%)	Status	% Cover
*Alopecurus geniculatus**	OBL	50
*Juncus tenuis**	FACW-	20
Rumex crispus	FAC+	10
Holcus lanatus	FAC	5
Juncus bufonius	FACW	5
Gnaphalium palustre	FAC+	5
Navarretia intertexta	FACW	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:	Natural Resources Inventory		Number: 2613		Sample Site	90	
Applicant:	City of Corvallis	County:	Benton		Date:	9/16/2002	
Investigators:	CR / JVS	Township:	11S	Range: 5W	Section:	32	

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

Is this an Atypical Situation? **No**

HYDROLOGY

			Primary Indicators	Secondary Indicators	
			Inundated	Ox. rhizospheres	Yes
			Sat. in Upper 12"	H20-stained leaves	
Depth of Surf. H2O		Inches	Water Marks	Local Soil Survey	
Depth to Free H20	>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 clay **Hydric Soil?:** Yes

Classification: Xeric Endoaquerts **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-8	10YR 2/2	SC	10YR 4/4	common, medium, distinct		Refused at 8 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: Yes

VEGETATION

Tree Stratum (40%)	Status	% Cover
*Fraxinus latifolia**	FACW	100

Shrub Stratum (30%)	Status	% Cover
*Rosa eglanteria**	FACW	30
*Crataegus douglasii**	FAC	20
Crataegus monogyna	FACU+	10
*Fraxinus latifolia**	FACW	40

Herbaceous Stratum (20%)	Status	% Cover
Chrysanthemum leucanthemum	UPL	10
*Agrostis tenuis**	FAC	20
*Holcus lanatus**	FAC	20
Trifolium pratense	FACU	10
*Dipsacus sylvestris**	FAC	20
Juncus bufonius	FACW	10
Festuca arundinacea	FAC-	10

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

***Percent of dominant species FAC, FACW, or OBL:** 88% Criteria Met: Yes

Comments:

Determination: Wetland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	Natural Resources Inventory	Number:	2613	Sample Site	91
Applicant:	City of Corvallis	County:	Benton	Date:	6/13/2002
Investigators:	PF / CR	Township:	11S	Range: 5W	Section: 32

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

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

SOILS **Mapped Series:** Bashaw clay **Hydric Soil?:** Yes

Classification: Xeric Endoaquerts **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-14	10YR 2/1	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 (0%)	Status	% Cover

Shrub Stratum (0%)	Status	% Cover

Herbaceous Stratum (100%)	Status	% Cover
*Hordeum vulgare**	UPL	40
*Trifolium repens**	FAC	40
*Lolium multiflorum**	UPL	20

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:	Natural Resources Inventory	Number:	2613	Sample Site	92
Applicant:	City of Corvallis	County:	Benton	Date:	6/13/2002
Investigators:	PF / CR	Township:	11S	Range: 5W	Section: 32

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

Is this an Atypical Situation? **No**

HYDROLOGY

			Primary Indicators		Secondary Indicators	
			Inundated		Ox. rhizospheres	Yes
			Sat. in Upper 12"		H20-stained leaves	
Depth of Surf. H2O		Inches	Water Marks		Local Soil Survey	
Depth to Free H20	>14	Inches	Drift Lines		FAC Neutral Test	
Depth to Saturation	>14	Inches	Sediment Deposits		Other _____	
			Drainage patterns	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 Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-14	10YR 2/1	C	10YR 3/4	common, fine, distinct		

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

Criteria Met: Yes

VEGETATION

Tree Stratum (0%)	Status	% Cover	Herbaceous Stratum (100%)	Status	% Cover
			*Carex densa**	OBL	30
			Juncus acuminatus	OBL	10
			Carex feta	FACW	10
			Festuca arundinacea	FAC-	5
			*Juncus effusus**	FACW	20
			*Juncus bufonius**	FACW	20
Shrub Stratum (0%)	**Status**	**% Cover**	*Navarretia intertexta*	FACW	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:	Natural Resources Inventory	Number:	2613	Sample Site	93
Applicant:	City of Corvallis	County:	Benton	Date:	9/16/2002
Investigators:	CR / JVS	Township:	11S	Range: 5W	Section: 32

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

SOILS **Mapped Series:** Bashaw clay **Hydric Soil?:** Yes

Classification: Xeric Endoaquerts **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-14	10YR 2/1	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

Shrub Stratum (0%)	Status	% Cover

Herbaceous Stratum (100%)	Status	% Cover
*Holcus lanatus**	FAC	20
*Festuca arundinacea**	FAC-	50
*Daucus carota**	UPL	20
Crepis setosa	FACU	10

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:	Natural Resources Inventory	Number:	2613	Sample Site	94
Applicant:	City of Corvallis	County:	Benton	Date:	6/25/2002
Investigators:	PF / CR	Township:	11S	Range: 5W	Section: 33

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

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

SOILS **Mapped Series:** Bashaw silty clay loam **Hydric Soil?:** Yes

Classification: Xeric Endoaquerts **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-12	10YR 4/2	SL				

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

Criteria Met: No

VEGETATION

Tree Stratum (0%)	Status	% Cover

Shrub Stratum (0%)	Status	% Cover

Herbaceous Stratum (100%)	Status	% Cover
*Alopecurus pratensis**	FACW	30
Chrysanthemum leucanthemum	UPL	5
Bromus mollis	UPL	10
*Daucus carota**	UPL	20
Madia sativa	UPL	10
Plantago lanceolata	FAC	5
Hypochaeris radicata	FACU	5
Festuca arundinacea	FAC-	5

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:	Natural Resources Inventory	Number:	2613	Sample Site	95
Applicant:	City of Corvallis	County:	Benton	Date:	6/25/2002
Investigators:	PF / CR	Township:	11S	Range: 5W	Section: 33

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

SOILS **Mapped Series:** Bashaw silty clay loam **Hydric Soil?:** Yes

Classification: Xeric Endoaquerts **Drainage Class:** poorly drained

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

Shrub Stratum (0%)	Status	% Cover

Herbaceous Stratum (100%)	Status	% Cover
*Alopecurus pratensis**	FACW	40
*Alopecurus geniculatus**	OBL	20
*Holcus lanatus**	FAC	20
Rumex crispus	FAC+	5
Juncus tenuis	FACW-	10
Parentucellia viscosa	FAC-	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:	Natural Resources Inventory	Number:	2613	Sample Site	96
Applicant:	City of Corvallis	County:	Benton	Date:	10/4/2002
Investigators:	FS / SE	Township:	11S	Range: 5W	Section: 35

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

Is this an Atypical Situation? **No**

HYDROLOGY

Depth of Surf. H2O		**Inches**
Depth to Free H20	**>12**	**Inches**
Depth to Saturation	**>12**	**Inches**

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

SOILS **Mapped Series:** Wapato silty clay loam **Hydric Soil?:** Yes

Classification: Fluvaquentic Endoaquolls **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-12	10YR 2/1	SL				

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

Criteria Met: Yes

VEGETATION

Tree Stratum (25%)	Status	% Cover
*Crataegus douglasii**	FAC	100

Shrub Stratum (30%)	Status	% Cover
*Pyrus malus**	UPL	35
*Crataegus monogyna**	FACU+	65

Herbaceous Stratum (15%)	Status	% Cover
*Festuca arundinacea**	FAC-	40
*Holcus lanatus**	FAC	25
*Agrostis tenuis**	FAC	35

Woody Vine Stratum (30%)	Status	% Cover
*Rubus discolor**	FACU	100

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

Comments:

Determination: Upland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	Natural Resources Inventory		Number: 2613		Sample Site	97	
Applicant:	City of Corvallis	County:	Benton		Date:	9/16/2002	
Investigators:	CR / JVS	Township:	11S	Range: 5W	Section:	32	

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

Is this an Atypical Situation? **No**

HYDROLOGY

			Primary Indicators	Secondary Indicators	
			Inundated	Ox. rhizospheres	Yes
			Sat. in Upper 12"	H20-stained leaves	
Depth of Surf. H2O		Inches	Water Marks	Local Soil Survey	
Depth to Free H20	>15	Inches	Drift Lines	FAC Neutral Test	
Depth to Saturation	>15	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 Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-3	10YR 2/1	C				
3-15	10YR 2/1	C	10YR 5/6	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 (60%)	Status	% Cover
			*Juncus effusus**	FACW	50
			*Mentha pulegium**	OBL	25
			*Epilobium watsonii**	FACW-	25
Shrub Stratum (40%)	**Status**	**% Cover**			
*Crataegus douglasii**	FAC	30			
*Fraxinus latifolia**	FACW	70	**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:	**Natural Resources Inventory**	Number:	**2613**	Sample Site	**98**
Applicant:	**City of Corvallis**	County:	**Benton**	Date:	**6/13/2002**
Investigators:	**PF / CR**	Township:	**11S** Range: **5W**	Section:	**32**

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

SOILS **Mapped Series:** Bashaw silty clay loam **Hydric Soil?:** Yes

Classification: Xeric Endoaquerts **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-14	10YR 3/1	C	7.5YR 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
			*Agrostis tenuis**	FAC	20
			*Holcus lanatus**	FAC	20
			Parentucellia viscosa	FAC-	10
			Trifolium dubium	UPL	10
			Juncus bufonius	FACW	15
			Hordeum brachyantherum	FACW-	15
Shrub Stratum (0%)	**Status**	**% Cover**	*Bromus mollis*	UPL	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:	**Natural Resources Inventory**	Number:	**2613**	Sample Site	**99**
Applicant:	**City of Corvallis**	County:	**Benton**	Date:	**6/20/2002**
Investigators:	**SE / ME**	Township:	**11S** Range: **5W**	Section:	**33**

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

SOILS **Mapped Series:** Bashaw clay **Hydric Soil?:** Yes

Classification: Xeric Endoaquerts **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-14	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
			Parentucellia viscosa	FAC-	6
			*Vicia sativa**	UPL	20
			*Alopecurus pratensis**	FACW	35
			*Holcus lanatus**	FAC	25
			Lotus corniculatus	FAC	3
			Festuca arundinacea	FAC-	10
Shrub Stratum (0%)	**Status**	**% Cover**	*Cirsium vulgare*	FACU	1
			Woody Vine Stratum (0%)	**Status**	**% Cover**

***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:	Natural Resources Inventory	Number:	2613	Sample Site	100
Applicant:	City of Corvallis	County:	Benton	Date:	6/25/2002
Investigators:	PF / CR	Township:	11S	Range: 5W	Section: 32

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

SOILS **Mapped Series:** Bashaw clay **Hydric Soil?:** Yes

Classification: Xeric Endoaquerts **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-12	10YR 3/2	SL				0-4 inches very compacted

*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
			Alopecurus geniculatus	OBL	15
			*Alopecurus pratensis**	FACW	20
			Parentucellia viscosa	FAC-	10
			Poa pratensis	FAC	5
			*Lolium multiflorum**	UPL	20
			Holcus lanatus	FAC	5
Shrub Stratum (0%)	**Status**	**% Cover**	*Trifolium repens*	FAC	5
			Cynosurus echinatus	UPL	15
			Juncus tenuis	FACW-	5
			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:	**Natural Resources Inventory**	Number:	**2613**	Sample Site	**101**
Applicant:	**City of Corvallis**	County:	**Benton**	Date:	**6/25/2002**
Investigators:	**PF / CR**	Township:	**11S** Range: **5W**	Section:	**32**

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

Primary Indicators	**Secondary Indicators**
Inundated	**Ox. rhizospheres**
Sat. in Upper 12"	**H20-stained leaves**
Water Marks	**Local Soil Survey**
Drift Lines	**FAC Neutral Test**
Sediment Deposits	**Other** _____
Drainage patterns **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 Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-4	10YR 3/2	SCL	7.5YR 4/6	many, coarse, distinct		
4-14	10YR 2/1	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**

Shrub Stratum (0%)	**Status**	**% Cover**

Herbaceous Stratum (100%)	**Status**	**% Cover**
Rumex crispus	**FAC+**	**10**
*Alopecurus pratensis**	**FACW**	**70**
Bromus mollis	**UPL**	**5**
Agrostis tenuis	**FAC**	**5**
Ranunculus acris	**FACW-**	**2**
Juncus tenuis	**FACW-**	**2**
Lotus corniculatus	**FAC**	**2**
Matricaria matricarioides	**FACU**	**2**
Hypochaeris radicata	**FACU**	**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:	Natural Resources Inventory	Number:	2613	Sample Site	102
Applicant:	City of Corvallis	County:	Benton	Date:	6/20/2002
Investigators:	SE / ME	Township:	11S	Range: 5W	Section: 33

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

Is this an Atypical Situation? **No**

HYDROLOGY

			Primary Indicators	Secondary Indicators	
			Inundated	Ox. rhizospheres	Yes
			Sat. in Upper 12"	H20-stained leaves	
Depth of Surf. H2O		Inches	Water Marks	Local Soil Survey	
Depth to Free H20	>15	Inches	Drift Lines	FAC Neutral Test	
Depth to Saturation	>15	Inches	Sediment Deposits	Other	
			Drainage patterns Yes	Criteria Met:	Yes

SOILS **Mapped Series:** Hazelair silt loam **Hydric Soil?:** No

Classification: Aquultic Haploxerolls **Drainage Class:** moderately well drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-15	10YR 3/3	SL	7.5YR 5/8	many, distinct, 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

Shrub Stratum (0%)	Status	% Cover

Herbaceous Stratum (100%)	Status	% Cover
Poa trivialis	FACW	5
Parentucellia viscosa	FAC-	3
Trifolium dubium	UPL	2
Juncus tenuis	FACW-	15
*Alopecurus pratensis**	FACW	25
*Holcus lanatus**	FAC	25
*Juncus bufonius**	FACW	25

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:	**Natural Resources Inventory**	Number:	**2613**	Sample Site	**103**
Applicant:	**City of Corvallis**	County:	**Benton**	Date:	**9/16/2002**
Investigators:	**CR / JVS**	Township:	**11S** Range: **5W**	Section:	**32**

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

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

SOILS **Mapped Series:** Bashaw clay **Hydric Soil?:** Yes

Classification: Xeric Endoaquerts **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-5	10YR 2/2	CL				
5-15	10YR 2/1	CL				

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

Criteria Met: Yes

VEGETATION

Tree Stratum (0%)	**Status**	**% Cover**

Shrub Stratum (0%)	**Status**	**% Cover**

Herbaceous Stratum (100%)	**Status**	**% Cover**
*Holcus lanatus**	**FAC**	**20**
Cirsium arvense	**FACU+**	**10**
Daucus carota	**UPL**	**10**
*Festuca arundinacea**	**FAC-**	**20**
*Chrysanthemum leucanthemum**	**UPL**	**20**
*Agrostis tenuis**	**FAC**	**20**

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:	**Natural Resources Inventory**		Number:	**2613**	Sample Site	**104**	
Applicant:	**City of Corvallis**	County:	**Benton**		Date:	**6/20/2002**	
Investigators:	**SE / ME**	Township:	**11S**	Range: **5W**	Section:	**33**	

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

SOILS **Mapped Series:** Hazelair silt loam **Hydric Soil?:** No

Classification: Aquultic Haploxerolls **Drainage Class:** moderately well drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-14	7.5YR 3/1	SL	7.5YR 5/6	few, fine, distinct		

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

Criteria Met: Yes

VEGETATION

Tree Stratum (5%)	Status	% Cover	Herbaceous Stratum (95%)	Status	% Cover
*Fraxinus latifolia**	FACW	100	*Rumex crispus*	FAC+	15
			*Stachys cooleyae**	FACW	20
			Beckmannia syzigachne	OBL	5
			Juncus tenuis	FACW-	15
			Alopecurus pratensis	FACW	10
			Holcus lanatus	FAC	15
Shrub Stratum (0%)	**Status**	**% Cover**	*Deschampsia cespitosa**	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:	**Natural Resources Inventory**	Number:	**2613**	Sample Site	**105**
Applicant:	**City of Corvallis**	County:	**Benton**	Date:	**9/16/2002**
Investigators:	**CR / JVS**	Township:	**11S** Range: **5W**	Section:	**32**

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

Is this an Atypical Situation? **No**

HYDROLOGY

Depth of Surf. H2O		**Inches**
Depth to Free H20	**>12**	**Inches**
Depth to Saturation	**>12**	**Inches**

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

SOILS **Mapped Series:** Bashaw clay **Hydric Soil?:** Yes

Classification: Xeric Endoaquerts **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-12	10YR 2/2	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: No

VEGETATION

Tree Stratum (0%)	**Status**	**% Cover**

Shrub Stratum (0%)	**Status**	**% Cover**

Herbaceous Stratum (100%)	**Status**	**% Cover**
*Anagalis arvensis**	**UPL**	**50**
Madia glomerata	**FACU+**	**10**
Holcus lanatus	**FAC**	**10**
Briza minor	**FAC**	**10**
Cirsium arvense	**FACU+**	**5**
Agrostis tenuis	**FAC**	**10**
Hypochaeris radicata	**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:	**Natural Resources Inventory**	Number:	**2613**	Sample Site	**106**
Applicant:	**City of Corvallis**	County:	**Benton**	Date:	**9/16/2002**
Investigators:	**CR / JVS**	Township:	**11S** Range: **5W**	Section:	**32**

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

Is this an Atypical Situation? **No**

HYDROLOGY

Depth of Surf. H2O		**Inches**
Depth to Free H20	**>8**	**Inches**
Depth to Saturation	**>8**	**Inches**

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

SOILS **Mapped Series:** Bashaw clay **Hydric Soil?:** Yes

Classification: Xeric Endoaquerts **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-8	10YR 2/2	SCL	7.5YR 4/6	common, medium, distinct		Refused at 8 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: **Yes**

VEGETATION

Tree Stratum (0%)	**Status**	**% Cover**

Shrub Stratum (0%)	**Status**	**% Cover**

Herbaceous Stratum (100%)	**Status**	**% Cover**
*Rumex crispus**	**FAC+**	**20**
Agrostis tenuis	**FAC**	**10**
*Holcus lanatus**	**FAC**	**30**
Deschampsia cespitosa	**FACW**	**15**
Gnaphalium palustre	**FAC+**	**10**
Juncus tenuis	**FACW-**	**5**
Festuca arundinacea	**FAC-**	**5**
Cirsium vulgare	**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:	**Natural Resources Inventory**	Number:	**2613**	Sample Site	**108**
Applicant:	**City of Corvallis**	County:	**Benton**	Date:	**6/25/2002**
Investigators:	**PF / CR**	Township:	**11S** Range: **5W**	Section:	**32**

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

Is this an Atypical Situation? **No**

HYDROLOGY

			Primary Indicators	Secondary Indicators
			Inundated	**Ox. rhizospheres**
			Sat. in Upper 12"	**H20-stained leaves**
Depth of Surf. H2O		**Inches**	**Water Marks**	**Local Soil Survey**
Depth to Free H20	**>8**	**Inches**	**Drift Lines**	**FAC Neutral Test**
Depth to Saturation	**>8**	**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 Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-8	10YR 3/2	SL				refused at 8 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
			*Festuca arundinacea**	FAC-	30
			*Agrostis tenuis**	FAC	20
			Trifolium repens	FAC	10
			Taraxacum officinale	FACU	10
			*Lolium multiflorum**	UPL	20
			Avena sativa	UPL	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:	**Natural Resources Inventory**	Number:	**2613**	Sample Site	**109**
Applicant:	**City of Corvallis**	County:	**Benton**	Date:	**6/20/2002**
Investigators:	**SE / ME**	Township:	**11S**	Range: **5W**	Section: **33**

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

Primary Indicators		**Secondary Indicators**
Inundated		**Ox. rhizospheres**
Sat. in Upper 12"		**H20-stained leaves**
Water Marks		**Local Soil Survey**
Drift Lines		**FAC Neutral Test**
Sediment Deposits		**Other** _____
Drainage patterns	**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 Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-11	10YR 3/1	CL	10YR 3/4	common, medium, prominent		
11-15	10YR 3/1	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 (20%)	Status	% Cover
*Fraxinus latifolia**	**FACW**	**100**

Shrub Stratum (10%)	Status	% Cover
*Fraxinus latifolia**	**FACW**	**100**

Herbaceous Stratum (60%)	Status	% Cover
*Holcus lanatus**	**FAC**	**25**
*Alopecurus pratensis**	**FACW**	**30**
Poa trivialis	**FACW**	**10**
Stachys cooleyae	**FACW**	**15**
Rumex crispus	**FAC+**	**10**
Camassia Quamash	**FACW**	**10**

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

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

Comments:

Determination: Wetland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	Natural Resources Inventory	Number:	2613	Sample Site	110
Applicant:	City of Corvallis	County:	Benton	Date:	6/20/2002
Investigators:	SE / ME	Township:	11S	Range: 5W	Section: 33

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

SOILS **Mapped Series:** Hazelair silt loam **Hydric Soil?:** No

Classification: Aquultic Haploxerolls **Drainage Class:** moderately well drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
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

Shrub Stratum (30%)	Status	% Cover
*Pyrus malus.**	UPL	30
Crataegus monogyna	FACU+	5
Rhamnus purshiana	FAC-	15
*Rhus diversiloba**	UPL	20
Quercus garryana	UPL	10
*Cytisus scoparius**	UPL	20

Herbaceous Stratum (70%)	Status	% Cover
*Holcus lanatus**	FAC	25
*Alopecurus pratensis**	FACW	20
Rumex acetosella	FACU+	10
*Festuca rubra**	FAC+	30
Prunella vulgaris	FACU+	5
Vicia sativa	UPL	5
Juncus tenuis	FACW-	5

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:	**Natural Resources Inventory**	Number:	**2613**	Sample Site	**111**
Applicant:	**City of Corvallis**	County:	**Benton**	Date:	**6/20/2002**
Investigators:	**SE / ME**	Township:	**11S** Range: **5W**	Section:	**33**

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

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

SOILS **Mapped Series:** Hazelair silt loam **Hydric Soil?:** No

Classification: Aquultic Haploxerolls **Drainage Class:** moderately well drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
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**

Shrub Stratum (5%)	**Status**	**% Cover**
*Crataegus monogyna**	**FACU+**	**100**

Herbaceous Stratum (95%)	**Status**	**% Cover**
Festuca arundinacea	**FAC-**	**10**
Festuca rubra	**FAC+**	**5**
*Alopecurus pratensis**	**FACW**	**35**
*Holcus lanatus**	**FAC**	**40**
Poa trivialis	**FACW**	**5**
Parentucellia viscosa	**FAC-**	**5**

Woody Vine Stratum (0%)	**Status**	**% Cover**

***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:	Natural Resources Inventory	Number:	2613	Sample Site	112
Applicant:	City of Corvallis	County:	Benton	Date:	5/23/2002
Investigators:	JVS / PF	Township:	11S	Range: 5W	Section: 32

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

SOILS **Mapped Series:** Bashaw clay **Hydric Soil?:** Yes

Classification: Xeric Endoaquerts **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-8	10YR 2/2	SCL				
8-16	10YR 2/1	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

Shrub Stratum (0%)	Status	% Cover

Herbaceous Stratum (100%)	Status	% Cover
*Festuca arundinacea**	FAC-	40
*Trifolium dubium**	UPL	20
Holcus lanatus	FAC	10
Hypochaeris radicata	FACU	10
*Alopecurus pratensis**	FACW	20

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:	Natural Resources Inventory	Number:	2613	Sample Site	113
Applicant:	City of Corvallis	County:	Benton	Date:	5/23/2002
Investigators:	JVS / PF	Township:	11S	Range: 5W	Section: 32

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

Is this an Atypical Situation? **No**

HYDROLOGY

			Primary Indicators		Secondary Indicators	
			Inundated		Ox. rhizospheres	Yes
			Sat. in Upper 12"	Yes	H20-stained leaves	
Depth of Surf. H2O		Inches	Water Marks		Local Soil Survey	
Depth to Free H20	>16	Inches	Drift Lines		FAC Neutral Test	
Depth to Saturation	10	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 Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-10	5Y 2.5/1	C				
10-16	5Y 2.5/1	C	10YR 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 (100%)	Status	% Cover
			Festuca arundinacea	FAC-	5
			*Alopecurus pratensis**	FACW	25
			Carex densa	OBL	10
			*Eleocharis palustris**	OBL	30
			Carex unilateralis	FACW	5
			Alopecurus geniculatus	OBL	10
Shrub Stratum (0%)	**Status**	**% Cover**	*Trifolium dubium*	UPL	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:	Natural Resources Inventory	Number:	2613	Sample Site	114
Applicant:	City of Corvallis	County:	Benton	Date:	6/25/2002
Investigators:	PF / CR	Township:	11S	Range: 5W	Section: 33

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

SOILS **Mapped Series:** Bashaw silty clay loam **Hydric Soil?:** Yes

Classification: Xeric Endoaquerts **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-14	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 (100%)	Status	% Cover
			*Alopecurus geniculatus**	OBL	35
			*Mentha pulegium**	OBL	20
			Holcus lanatus	FAC	10
			*Agrostis tenuis**	FAC	20
			Festuca arundinacea	FAC-	10
			Trifolium repens	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:	**Natural Resources Inventory**	Number:	**2613**	Sample Site	**115**
Applicant:	**City of Corvallis**	County:	**Benton**	Date:	**9/16/2002**
Investigators:	**CR / JVS**	Township:	**11S** Range: **5W**	Section:	**32**

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

Is this an Atypical Situation? **No**

HYDROLOGY

			Primary Indicators	Secondary Indicators
			Inundated	**Ox. rhizospheres**
			Sat. in Upper 12"	**H20-stained leaves**
Depth of Surf. H2O		**Inches**	**Water Marks**	**Local Soil Survey**
Depth to Free H20	**>14**	**Inches**	**Drift Lines**	**FAC Neutral Test**
Depth to Saturation	**>14**	**Inches**	**Sediment Deposits**	**Other** _____
			Drainage patterns **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 Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-2	10YR 2/2	C				
2-14	10YR 2/1	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
			*Deschampsia cespitosa**	FACW	20
			*Mentha pulegium**	OBL	40
			*Holcus lanatus**	FAC	25
			Carex unilateralis	FACW	5
			Festuca arundinacea	FAC-	5
			Alopecurus pratensis	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:	Natural Resources Inventory	Number:	2613	Sample Site	116
Applicant:	City of Corvallis	County:	Benton	Date:	6/20/2002
Investigators:	SE / ME	Township:	11S	Range: 5W	Section: 33

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

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

SOILS **Mapped Series:** Hazelair silt loam **Hydric Soil?:** No

Classification: Aquultic Haploxerolls **Drainage Class:** moderately well drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-14	10YR 3/2	SL	10YR 3/4	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%)	Status	% Cover
			*Holcus lanatus**	FAC	40
			*Alopecurus pratensis**	FACW	60
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:	**Natural Resources Inventory**	Number:	**2613**	Sample Site	**117**
Applicant:	**City of Corvallis**	County:	**Benton**	Date:	**9/16/2002**
Investigators:	**CR / JVS**	Township:	**11S** Range: **5W**	Section:	**32**

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

SOILS **Mapped Series:** Bashaw clay **Hydric Soil?:** Yes

Classification: Xeric Endoaquerts **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-14	10YR 2/2	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 (60%)	Status	% Cover
*Quercus garryana**	**UPL**	**100**

Shrub Stratum (20%)	Status	% Cover
*Symphoricarpos albus**	**FACU**	**60**
Fraxinus latifolia	**FACW**	**15**
*Amelanchier alnifolia**	**FACU**	**25**

Herbaceous Stratum (20%)	Status	% Cover
*Dactylis glomerata**	**FACU**	**60**
*Bromus vulgaris**	**UPL**	**40**

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:	**Natural Resources Inventory**	Number:	**2613**	Sample Site	**118**
Applicant:	**City of Corvallis**	County:	**Benton**	Date:	**9/16/2002**
Investigators:	**CR / JVS**	Township:	**11S** Range: **5W**	Section:	**32**

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

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

SOILS **Mapped Series:** Bashaw clay **Hydric Soil?:** Yes

Classification: Xeric Endoaquerts **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-14	10YR 2/1	C	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**

Shrub Stratum **(30%)**	**Status**	**% Cover**
*Fraxinus latifolia**	**FACW**	**100**

Herbaceous Stratum **(70%)**	**Status**	**% Cover**
*Typha latifolia**	**OBL**	**50**
Epilobium watsonii	**FACW-**	**10**
*Dipsacus sylvestris**	**FAC**	**40**

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:	**Natural Resources Inventory**	Number:	**2613**	Sample Site	**119**
Applicant:	**City of Corvallis**	County:	**Benton**	Date:	**9/16/2002**
Investigators:	**CR / JVS**	Township:	**11S** Range: **5W**	Section:	**32**

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

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

SOILS **Mapped Series:** Bashaw clay **Hydric Soil?:** Yes

Classification: Xeric Endoaquerts **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-3	10YR 2/1	C				
3-16	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 (0%)	**Status**	**% Cover**

Shrub Stratum (0%)	**Status**	**% Cover**

Herbaceous Stratum (100%)	**Status**	**% Cover**
*Typha latifolia**	**OBL**	**50**
*Epilobium watsonii**	**FACW-**	**20**
*Dipsacus sylvestris**	**FAC**	**20**
Madia glomerata	**FACU+**	**5**
*Deschampsia cespitosa**	**FACW**	**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:	**Natural Resources Inventory**	Number:	**2613**	Sample Site	**120**
Applicant:	**City of Corvallis**	County:	**Benton**	Date:	**6/20/2002**
Investigators:	**SE / ME**	Township:	**11S** Range: **5W**	Section:	**33**

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

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

SOILS

Mapped Series: Hazelair silt loam **Hydric Soil?:** No

Classification: Aquultic Haploxerolls **Drainage Class:** moderately well drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-14	7.5YR 3/1	SL				mixed
0-14	7.5YR 3/2	SL				50/50

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

Criteria Met: **Yes**

VEGETATION

Tree Stratum (0%)	Status	% Cover

Shrub Stratum (0%)	Status	% Cover

Herbaceous Stratum (95%)	Status	% Cover
*Holcus lanatus**	**FAC**	**50**
*Alopecurus pratensis**	**FACW**	**50**

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:	Natural Resources Inventory	Number:	2613	Sample Site	121
Applicant:	City of Corvallis	County:	Benton	Date:	9/16/2002
Investigators:	CR / JVS	Township:	11S	Range: 5W	Section: 32

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

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

Criteria Met: No

SOILS **Mapped Series:** Dayton silt loam **Hydric Soil?:** Yes

Classification: Typic Albaqualfs **Drainage Class:** poorly drained

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

Shrub Stratum (0%)	Status	% Cover

Herbaceous Stratum (100%)	Status	% Cover
*Lolium perenne**	FACU	100

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:	**Natural Resources Inventory**	Number:	**2613**	Sample Site	**122**
Applicant:	**City of Corvallis**	County:	**Benton**	Date:	**6/20/2002**
Investigators:	**SE / ME**	Township:	**11S** Range: **5W**	Section:	**33**

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

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

SOILS **Mapped Series:** Amity silt loam **Hydric Soil?:** No

Classification: Argiaquic Xeric Argialbolls **Drainage Class:** somewhat poorly drained

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

Shrub Stratum (0%)	**Status**	**% Cover**

Herbaceous Stratum (100%)	**Status**	**% Cover**
*Holcus lanatus**	**FAC**	**30**
*Alopecurus pratensis**	**FACW**	**30**
Poa trivialis	**FACW**	**10**
*Juncus tenuis**	**FACW-**	**20**
Parentucellia viscosa	**FAC-**	**2**
Trifolium dubium	**UPL**	**5**
Trifolium repens	**FAC**	**3**

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:	**Natural Resources Inventory**	Number:	**2613**	Sample Site	**123**
Applicant:	**City of Corvallis**	County:	**Benton**	Date:	**7/23/2002**
Investigators:	**PF / CR**	Township:	**11S** Range: **5W**	Section:	**32**

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

Primary Indicators	**Secondary Indicators**
Inundated	**Ox. rhizospheres**
Sat. in Upper 12"	**H20-stained leaves**
Water Marks	**Local Soil Survey**
Drift Lines	**FAC Neutral Test**
Sediment Deposits	**Other** _____
Drainage patterns **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 Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-14	10 YR 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**

Shrub Stratum (0%)	**Status**	**% Cover**

Herbaceous Stratum (100%)	**Status**	**% Cover**
*Alopecurus pratensis**	**FACW**	**50**
*Dipsacus sylvestris**	**FAC**	**20**
*Epilobium paniculatum**	**UPL**	**20**
Rumex conglomeratus	**FACW**	**5**
Centaurium umbellatum	**FAC**	**5**

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:	Natural Resources Inventory	Number:	2613	Sample Site	124
Applicant:	City of Corvallis	County:	Benton	Date:	7/2/2002
Investigators:	SE / ME	Township:	11S	Range: 5W	Section: 33

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

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

SOILS **Mapped Series:** Bashaw silty clay loam **Hydric Soil?:** Yes

Classification: Xeric Endoaquerts **Drainage Class:** poorly drained

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

Shrub Stratum (0%)	Status	% Cover

Herbaceous Stratum (100%)	Status	% Cover
*Centaurium umbellatum**	FAC	20
*Alopecurus pratensis**	FACW	20
*Agrostis tenuis**	FAC	22
Rumex crispus	FAC+	3
Juncus balticus	FACW+	5
Lotus corniculatus	FAC	5
*Grindelia integrifolia**	FACW	25

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:	**Natural Resources Inventory**	Number:	**2613**	Sample Site	**125**
Applicant:	**City of Corvallis**	County:	**Benton**	Date:	**7/2/2002**
Investigators:	**SE / ME**	Township:	**11S** Range: **5W**	Section:	**33**

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

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

SOILS

Mapped Series: Hazelair silt loam **Hydric Soil?:** No

Classification: Aquultic Haploxerolls **Drainage Class:** moderately well drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
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

Shrub Stratum (0%)	Status	% Cover
		100

Herbaceous Stratum (100%)	Status	% Cover
*Holcus lanatus**	FAC	50
*Alopecurus pratensis**	FACW	50

Woody Vine Stratum (0%)	Status	% Cover

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

Comments: In agricultural field in chicken farm

Determination: Upland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	**Natural Resources Inventory**	Number:	**2613**	Sample Site	**126**
Applicant:	**City of Corvallis**	County:	**Benton**	Date:	**7/23/2002**
Investigators:	**PF / CR**	Township:	**11S**	Range: **5W**	Section: **32**

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

Is this an Atypical Situation? **No**

HYDROLOGY

			Primary Indicators	Secondary Indicators
			Inundated	Ox. rhizospheres
			Sat. in Upper 12"	H20-stained leaves
Depth of Surf. H2O		Inches	Water Marks	Local Soil Survey
Depth to Free H20	>13	Inches	Drift Lines	FAC Neutral Test
Depth to Saturation	>13	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 Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-13	10YR 2/2	SCL				

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

Criteria Met: No

VEGETATION

Tree Stratum (0%)	Status	% Cover	Herbaceous Stratum (100%)	Status	% Cover
			*Alopecurus pratensis**	FACW	30
			*Madia sativa**	UPL	20
			*Epilobium paniculatum**	UPL	35
			Holcus lanatus	FAC	10
			Cirsium vulgare	FACU	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:	**Natural Resources Inventory**	Number:	**2613**	Sample Site	**127**
Applicant:	**City of Corvallis**	County:	**Benton**	Date:	**7/2/2002**
Investigators:	**SE / ME**	Township:	**11S** Range: **5W**	Section:	**33**

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

Is this an Atypical Situation? **No**

HYDROLOGY

Depth of Surf. H2O		**Inches**
Depth to Free H20	**>13**	**Inches**
Depth to Saturation	**>13**	**Inches**

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

SOILS **Mapped Series:** Hazelair silt loam **Hydric Soil?:** No

Classification: Aquultic Haploxerolls **Drainage Class:** moderately well drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-13	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**

Shrub Stratum (0%)	**Status**	**% Cover**
		100

Herbaceous Stratum (100%)	**Status**	**% Cover**
Plantago lanceolata	**FAC**	**5**
Festuca rubra	**FAC+**	**15**
*Alopecurus pratensis**	**FACW**	**40**
*Holcus lanatus**	**FAC**	**40**

Woody Vine Stratum (0%)	**Status**	**% Cover**

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

Comments:

Determination: Upland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	**Natural Resources Inventory**	Number:	**2613**	Sample Site	**128**
Applicant:	**City of Corvallis**	County:	**Benton**	Date:	**7/2/2002**
Investigators:	**SE / ME**	Township:	**11S** Range: **5W**	Section:	**33**

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

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

SOILS **Mapped Series:** Hazelair silt loam **Hydric Soil?:** No

Classification: Aquultic Haploxerolls **Drainage Class:** moderately well drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-15	7.5YR 3/1	SL				

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

Criteria Met: **Yes**

VEGETATION

Tree Stratum **(0%)**	**Status**	**% Cover**

Shrub Stratum **(0%)**	**Status**	**% Cover**

Herbaceous Stratum **(100%)**	**Status**	**% Cover**
*Holcus lanatus**	**FAC**	**50**
*Alopecurus pratensis**	**FACW**	**50**

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:	**Natural Resources Inventory**	Number:	**2613**	Sample Site	**129**
Applicant:	**City of Corvallis**	County:	**Benton**	Date:	**7/2/2002**
Investigators:	**SE / ME**	Township:	**11S** Range: **5W**	Section:	**33**

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

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

SOILS **Mapped Series:** Bashaw clay **Hydric Soil?:** Yes

Classification: Xeric Endoaquerts **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-14	10YR 3/1	SL	7.5YR 5/8	common, medium, distinct		

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

Criteria Met: **Yes**

VEGETATION

Tree Stratum (50%)	**Status**	**% Cover**
*Fraxinus latifolia**		**100**

Shrub Stratum (0%)	**Status**	**% Cover**

Herbaceous Stratum (50%)	**Status**	**% Cover**
Galium aparine	**FACU**	**10**
*Alopecurus pratensis**	**FACW**	**35**
*Agrostis tenuis**	**FAC**	**40**
Ranunculus acris	**FACW-**	**5**
Geranium robertianum	**UPL**	**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:	**Natural Resources Inventory**	Number:	**2613**	Sample Site	**130**
Applicant:	**City of Corvallis**	County:	**Benton**	Date:	**7/23/2002**
Investigators:	**PF / CR**	Township:	**11S** Range: **5W**	Section:	**32**

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

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

SOILS **Mapped Series:** 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 3/1	SCL	5Y 3/2	common, medium, distinct		

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

Criteria Met: **Yes**

VEGETATION

Tree Stratum (20%)	**Status**	**% Cover**
*Fraxinus latifolia**	**FACW**	**100**
Shrub Stratum (10%)	**Status**	**% Cover**
*Crataegus douglasii**	**FAC**	**50**
Quercus garryana	**UPL**	**50**

Herbaceous Stratum (70%)	**Status**	**% Cover**
*Alopecurus pratensis**	**FACW**	**40**
*Carex densa**	**OBL**	**20**
Juncus tenuis	**FACW-**	**10**
Rumex crispus	**FAC+**	**5**
Vicia tetrasperma	**UPL**	**5**
Daucus carota	**UPL**	**10**
Agrostis tenuis	**FAC**	**5**
Convolvulus arvensis	**UPL**	**5**
Woody Vine Stratum (0%)	**Status**	**% Cover**

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

Comments:

Determination: **Wetland**

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	**Natural Resources Inventory**	Number:	**2613**	Sample Site	**131**
Applicant:	**City of Corvallis**	County:	**Benton**	Date:	**7/12/2002**
Investigators:	**PF / CR**	Township:	**11S** Range: **5W**	Section:	**33**

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

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

SOILS **Mapped Series:** Waldo silty clay loam **Hydric Soil?:** Yes

Classification: Fluvaquentic Endoaquolls **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-14	10YR 2/2	C	5YR 3/4	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 (0%)	**Status**	**% Cover**

Shrub Stratum (0%)	**Status**	**% Cover**

Herbaceous Stratum (100%)	**Status**	**% Cover**
*Phalaris arundinacea**	**FACW**	**50**
Agrostis tenuis	**FAC**	**10**
*Carex stipata**	**OBL**	**20**
*Juncus effusus**	**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:	**Natural Resources Inventory**	Number:	**2613**	Sample Site	**132**
Applicant:	**City of Corvallis**	County:	**Benton**	Date:	**7/12/2002**
Investigators:	**PF / CR**	Township:	**11S** Range: **5W**	Section:	**33**

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

SOILS **Mapped Series:** Waldo silty clay loam **Hydric Soil?:** Yes

Classification: Fluvaquentic Endoaquolls **Drainage Class:** poorly drained

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

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

Criteria Met: No

VEGETATION

Tree Stratum (0%)	Status	% Cover

Shrub Stratum (0%)	Status	% Cover

Herbaceous Stratum (100%)	Status	% Cover
*Alopecurus pratensis**	FACW	40
Cirsium arvense	FACU+	10
*Galium sp**	FACU - UPL	20
*Danthonia californica**	FACU	20
Brodiaea elegans	FACU	5

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:	**Natural Resources Inventory**	Number:	**2613**	Sample Site	**133**
Applicant:	**City of Corvallis**	County:	**Benton**	Date:	**9/12/2002**
Investigators:	**CR / ME**	Township:	**11S** Range: **5W**	Section:	**32**

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

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

SOILS **Mapped Series:** Philomath silty clay **Hydric Soil?:** No

Classification: Vertic Haploxerolls **Drainage Class:** well drained

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

Shrub Stratum (5%)	**Status**	**% Cover**
*Rosa sp.**	**FAC - FACW**	**90**
Rhus diversiloba	**UPL**	**5**
Crataegus monogyna	**FACU+**	**5**

Herbaceous Stratum (95%)	**Status**	**% Cover**
*Dipsacus sylvestris**	**FAC**	**20**
*Festuca arundinacea**	**FAC-**	**65**
Daucus carota	**UPL**	**15**

Woody Vine Stratum (0%)	**Status**	**% Cover**

***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:	Natural Resources Inventory	Number:	2613	Sample Site	134
Applicant:	City of Corvallis	County:	Benton	Date:	7/12/2002
Investigators:	PF / CR	Township:	11S Range: 5W	Section:	33

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

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

SOILS **Mapped Series:** Waldo silty clay loam **Hydric Soil?:** Yes

Classification: Fluvaquentic Endoaquolls **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-14	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 (0%)	Status	% Cover

Shrub Stratum (0%)	Status	% Cover

Herbaceous Stratum (100%)	Status	% Cover
*Lolium perenne**	FACU	80
*Crepis setosa**	FACU	20

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:	**Natural Resources Inventory**	Number:	**2613**	Sample Site	**135**
Applicant:	**City of Corvallis**	County:	**Benton**	Date:	**9/12/2002**
Investigators:	**CR / ME**	Township:	**11S** Range: **5W**	Section:	**32**

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

Is this an Atypical Situation? **No**

HYDROLOGY

Depth of Surf. H2O		**Inches**
Depth to Free H20	**>8**	**Inches**
Depth to Saturation	**>8**	**Inches**

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

SOILS **Mapped Series:** Philomath silty clay **Hydric Soil?:** No

Classification: Vertic Haploxerolls **Drainage Class:** well drained

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

Shrub Stratum (0%)	**Status**	**% Cover**

Herbaceous Stratum (100%)	**Status**	**% Cover**
*Dipsacus sylvestris**	**FAC**	**20**
*Carex densa**	**OBL**	**20**
Carex feta	**FACW**	**10**
*Agrostis tenuis**	**FAC**	**20**
*Holcus lanatus**	**FAC**	**20**
Madia sativa	**UPL**	**5**
Juncus tenuis	**FACW-**	**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:	**Natural Resources Inventory**	Number:	**2613**	Sample Site	**136**
Applicant:	**City of Corvallis**	County:	**Benton**	Date:	**7/12/2002**
Investigators:	**PF / CR**	Township:	**11S** Range: **5W**	Section:	**33**

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

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

SOILS **Mapped Series:** Waldo silty clay loam **Hydric Soil?:** Yes

Classification: Fluvaquentic Endoaquolls **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-14	10YR 3/2	SCL	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**

Shrub Stratum **(0%)**	**Status**	**% Cover**

Herbaceous Stratum **(100%)**	**Status**	**% Cover**
*Lolium perenne**	**FACU**	**40**
Crepis setosa	**FACU**	**5**
*Rumex crispus**	**FAC+**	**20**
Cirsium vulgare	**FACU**	**5**
*Alopecurus pratensis**	**FACW**	**30**

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:	**Natural Resources Inventory**	Number:	**2613**	Sample Site	**137**
Applicant:	**City of Corvallis**	County:	**Benton**	Date:	**7/12/2002**
Investigators:	**PF / CR**	Township:	**11S** Range: **5W**	Section:	**33**

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

SOILS **Mapped Series:** Amity silt loam **Hydric Soil?:** No

Classification: Argiaquic Xeric Argialbolls **Drainage Class:** somewhat poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-14	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 (0%)	Status	% Cover

Shrub Stratum (0%)	Status	% Cover

Herbaceous Stratum (100%)	Status	% Cover
Alopecurus pratensis	**FACW**	**10**
Dactylis glomerata	**FACU**	**5**
Trifolium repens	**FAC**	**15**
*Agrostis tenuis**	**FAC**	**35**
Lolium perenne	**FACU**	**15**
*Festuca arundinacea**	**FAC-**	**20**

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:	**Natural Resources Inventory**	Number:	**2613**	Sample Site	**138**
Applicant:	**City of Corvallis**	County:	**Benton**	Date:	**7/12/2002**
Investigators:	**PF / CR**	Township:	**11S** Range: **5W**	Section:	**33**

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

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

SOILS **Mapped Series:** Amity silt loam **Hydric Soil?:** No

Classification: Argiaquic Xeric Argialbolls **Drainage Class:** somewhat poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-14	10YR 2/1	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**

Shrub Stratum (0%)	**Status**	**% Cover**

Herbaceous Stratum (100%)	**Status**	**% Cover**
*Phalaris arundinacea**	**FACW**	**55**
*Agrostis tenuis**	**FAC**	**25**
Alopecurus pratensis	**FACW**	**10**
Alopecurus geniculatus	**OBL**	**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:	**Natural Resources Inventory**	Number:	**2613**	Sample Site	**139**
Applicant:	**City of Corvallis**	County:	**Benton**	Date:	**9/5/2002**
Investigators:	**CR / LW**	Township:	**11S** Range: **5W**	Section:	**32**

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

SOILS **Mapped Series:** Witham silty clay loam **Hydric Soil?:** No

Classification: Vertic Haploxerolls **Drainage Class:** somewhat poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
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 (0%)	Status	% Cover	Herbaceous Stratum (100%)	Status	% Cover
			*Lolium perenne**	**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:

Determination: Upland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	Natural Resources Inventory	Number:	2613	Sample Site	140
Applicant:	City of Corvallis	County:	Benton	Date:	9/5/2002
Investigators:	CR / LW	Township:	11S	Range: 5W	Section: 32

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

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

SOILS **Mapped Series:** Coburg silty clay loam **Hydric Soil?:** No

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

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-4	10YR 3/2	SL	10YR 4/6	common, fine, distinct		
4-16	10YR 3/1	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 (0%)	Status	% Cover	Herbaceous Stratum (100%)	Status	% Cover
			*Lolium perenne**	FACU	100
Shrub Stratum (0%)	**Status**	**% Cover**			
			Woody Vine Stratum (0%)	**Status**	**% Cover**

***Percent of dominant species FAC, FACW, or OBL:** 0% Criteria Met: N/A

Comments: Farmed wetland

Determination: Wetland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	**Natural Resources Inventory**	Number:	**2613**	Sample Site	**141**
Applicant:	**City of Corvallis**	County:	**Benton**	Date:	**7/12/2002**
Investigators:	**PF / CR**	Township:	**11S** Range: **5W**	Section:	**33**

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

SOILS **Mapped Series:** Waldo silty clay loam **Hydric Soil?:** Yes

Classification: Fluvaquentic Endoaquolls **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-14	10YR 3/3	SCL				<2" cobbles present

*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
			*Lolium perenne**	**FACU**	**80**
			*Crepis setosa**	**FACU**	**20**
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:	Natural Resources Inventory	Number:	2613	Sample Site	142
Applicant:	City of Corvallis	County:	Benton	Date:	7/12/2002
Investigators:	PF / CR	Township:	11S Range: 5W	Section:	33

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

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

SOILS **Mapped Series:** Waldo silty clay loam **Hydric Soil?:** Yes

Classification: Fluvaquentic Endoaquolls **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-5	10YR 3/2	SCL				
5-15	10YR 2/1	C	10YR 3/3	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

Shrub Stratum (0%)	Status	% Cover

Herbaceous Stratum (100%)	Status	% Cover
*Lolium perenne**	FACU	60
*Alopecurus geniculatus**	OBL	40

Woody Vine Stratum (0%)	Status	% Cover

***Percent of dominant species FAC, FACW, or OBL:** 50% **Criteria Met:** N/A

Comments: Farmed wetland in Lolium field

Determination: Wetland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	**Natural Resources Inventory**	Number:	**2613**	Sample Site	**143**
Applicant:	**City of Corvallis**	County:	**Benton**	Date:	**7/12/2002**
Investigators:	**PF / CR**	Township:	**11S** Range: **5W**	Section:	**33**

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

SOILS **Mapped Series:** Waldo silty clay loam **Hydric Soil?:** Yes

Classification: Fluvaquentic Endoaquolls **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-14	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 (0%)	Status	% Cover	Herbaceous Stratum (100%)	Status	% Cover
			*Lolium perenne**	**FACU**	**60**
			*Crepis setosa**	**FACU**	**35**
			Cirsium vulgare	**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:	**Natural Resources Inventory**	Number:	**2613**	Sample Site	**144**
Applicant:	**City of Corvallis**	County:	**Benton**	Date:	**7/12/2002**
Investigators:	**PF / CR**	Township:	**11S** Range: **5W**	Section:	**33**

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

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

SOILS

Mapped Series: Waldo silty clay loam **Hydric Soil?:** Yes

Classification: Fluvaquentic Endoaquolls **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-15	10YR 3/2	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 (0%)	Status	% Cover

Shrub Stratum (0%)	Status	% Cover

Herbaceous Stratum (100%)	Status	% Cover
Lolium perenne	**FACU**	**10**
*Alopecurus geniculatus**	**OBL**	**80**
Polygonum lapathifolium	**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:	Natural Resources Inventory	Number:	2613	Sample Site	145
Applicant:	City of Corvallis	County:	Benton	Date:	7/17/2002
Investigators:	PF / CR	Township:	11S Range: 5W	Section:	33

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

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

SOILS **Mapped Series:** Dayton silt loam **Hydric Soil?:** Yes

Classification: Typic Albaqualfs **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-14	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 (0%)	Status	% Cover

Shrub Stratum (0%)	Status	% Cover

Herbaceous Stratum (100%)	Status	% Cover
*Alopecurus pratensis**	FACW	20
*Festuca arundinacea**	FAC-	60
Agrostis tenuis	FAC	10
Taraxacum officinale	FACU	5
Lactuca serriola	FACU	5

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:	Natural Resources Inventory		Number:	2613	Sample Site	146	
Applicant:	City of Corvallis		County:	Benton	Date:	7/17/2002	
Investigators:	PF / CR		Township:	11S	Range: 5W	Section:	33

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

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

SOILS **Mapped Series:** Dayton silt loam **Hydric Soil?:** Yes

Classification: Typic Albaqualfs **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-6	10YR 3/2	C	7.5YR 4/6	common, medium, distinct		
6-14	10YR 2/1	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**

Shrub Stratum (0%)	**Status**	**% Cover**

Herbaceous Stratum (100%)	**Status**	**% Cover**
*Alopecurus pratensis**	**FACW**	**30**
*Alopecurus geniculatus**	**OBL**	**40**
Phalaris arundinacea	**FACW**	**10**
*Lolium multiflorum**	**UPL**	**20**

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:	**Natural Resources Inventory**	Number:	**2613**	Sample Site	**147**
Applicant:	**City of Corvallis**	County:	**Benton**	Date:	**7/12/2002**
Investigators:	**PF / CR**	Township:	**11S** Range: **5W**	Section:	**33**

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

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

SOILS **Mapped Series:** Waldo silty clay loam **Hydric Soil?:** Yes

Classification: Fluvaquentic Endoaquolls **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-15	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 (0%)	**Status**	**% Cover**

Shrub Stratum (0%)	**Status**	**% Cover**

Herbaceous Stratum (100%)	**Status**	**% Cover**
*Alopecurus pratensis**	**FACW**	**40**
Dactylis glomerata	**FACU**	**15**
Vicia sativa	**UPL**	**5**
Agrostis tenuis	**FAC**	**15**
Crepis setosa	**FACU**	**5**
*Festuca arundinacea**	**FAC-**	**20**

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:	**Natural Resources Inventory**	Number:	**2613**	Sample Site	**148**
Applicant:	**City of Corvallis**	County:	**Benton**	Date:	**7/23/2002**
Investigators:	**PF / CR**	Township:	**11S** Range: **5W**	Section:	**33**

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

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

SOILS **Mapped Series:** Bashaw clay **Hydric Soil?:** Yes

Classification: Xeric Endoaquerts **Drainage Class:** poorly drained

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

Shrub Stratum (0%)	**Status**	**% Cover**

Herbaceous Stratum (100%)	**Status**	**% Cover**
Lactuca serriola	**FACU**	**15**
*Festuca arundinacea**	**FAC-**	**20**
Agrostis tenuis	**FAC**	**15**
*Alopecurus pratensis**	**FACW**	**20**
Cirsium arvense	**FACU+**	**10**
Agropyron repens	**FAC-**	**15**
Avena sativa	**UPL**	**5**

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:	Natural Resources Inventory	Number:	2613	Sample Site	149
Applicant:	City of Corvallis	County:	Benton	Date:	7/12/2002
Investigators:	PF / CR	Township:	11S	Range: 5W	Section: 33

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

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

SOILS **Mapped Series:** Waldo silty clay loam **Hydric Soil?:** Yes

Classification: Fluvaquentic Endoaquolls **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-14	10YR 3/2	SCL	7.5YR 5/8	common, medium, distinct		

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

Criteria Met: Yes

VEGETATION

Tree Stratum (0%)	Status	% Cover

Shrub Stratum (0%)	Status	% Cover

Herbaceous Stratum (100%)	Status	% Cover
*Alopecurus pratensis**	FACW	80
*Agrostis tenuis**	FAC	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:	**Natural Resources Inventory**	Number:	**2613**	Sample Site	**150**
Applicant:	**City of Corvallis**	County:	**Benton**	Date:	**7/12/2002**
Investigators:	**PF / CR**	Township:	**11S**	Range: **5W**	Section: **33**

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

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

SOILS **Mapped Series:** Waldo silty clay loam **Hydric Soil?:** Yes

Classification: Fluvaquentic Endoaquolls **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-15	10YR 3/1	C	10YR 4/4	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 (0%)	**Status**	**% Cover**

Shrub Stratum (0%)	**Status**	**% Cover**

Herbaceous Stratum (100%)	**Status**	**% Cover**
*Alopecurus geniculatus**	**OBL**	**35**
*Rorippa curvisiliqua**	**OBL**	**50**
Dipsacus sylvestris	**FAC**	**5**
Phalaris arundinacea	**FACW**	**5**
Polygonum lapathifolium	**FACW**	**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:	Natural Resources Inventory		Number:	2613	Sample Site	151	
Applicant:	City of Corvallis	County:	Benton		Date:	7/23/2002	
Investigators:	PF / CR	Township:	11S	Range: 5W	Section:	33	

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

Is this an Atypical Situation? **No**

HYDROLOGY

			Primary Indicators		Secondary Indicators	
			Inundated		Ox. rhizospheres	Yes
			Sat. in Upper 12"		H20-stained leaves	
Depth of Surf. H2O		Inches	Water Marks		Local Soil Survey	
Depth to Free H20	>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 Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-12	10YR 3/1	SCL	7.5YR 4/6	common, coarse, distinct		refused at 12 inches

*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
			*Alopecurus pratensis**	FACW	40
			*Festuca arundinacea**	FAC-	40
			*Agrostis tenuis**	FAC	20
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:	**Natural Resources Inventory**	Number:	**2613**	Sample Site	**152**
Applicant:	**City of Corvallis**	County:	**Benton**	Date:	**7/17/2002**
Investigators:	**PF / CR**	Township:	**11S** Range: **5W**	Section:	**33**

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

SOILS **Mapped Series:** Bashaw clay **Hydric Soil?:** Yes

Classification: Xeric Endoaquerts **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-14	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 (10%)	Status	% Cover
*Quercus garryana**	**UPL**	**100**

Shrub Stratum (40%)	Status	% Cover
Crataegus monogyna	**FACU+**	**10**
*Symphoricarpos albus**	**FACU**	**90**

Herbaceous Stratum (30%)	Status	% Cover
*Alopecurus pratensis**	**FACW**	**50**
*Galium aparine**	**FACU**	**20**
*Cirsium arvense**	**FACU+**	**20**
Camassia quamash	**FACW**	**10**

Woody Vine Stratum (20%)	Status	% Cover
*Rubus discolor**	**FACU**	**70**
*Rhus diversiloba**	**UPL**	**30**

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

Comments:

Determination: Upland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	**Natural Resources Inventory**		Number:	**2613**	Sample Site	**153**	
Applicant:	**City of Corvallis**		County:	**Benton**	Date:	**7/23/2002**	
Investigators:	**PF / CR**		Township:	**11S**	Range: **5W**	Section:	**33**

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

SOILS **Mapped Series:** Bashaw clay **Hydric Soil?:** Yes

Classification: Xeric Endoaquerts **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-5	10YR 3/2	SL	10YR 4/6	common, medium, faint		wood debris
5-16	10YR 3/2	SCL	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
			*Polygonum lapathifolium**	**FACW**	**50**
			Phalaris arundinacea	**FACW**	**10**
			*Senecio triangularis**	**FACW+**	**40**
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:	Natural Resources Inventory	Number:	2613	Sample Site	154
Applicant:	City of Corvallis	County:	Benton	Date:	7/17/2002
Investigators:	PF / CR	Township:	11S Range: 5W	Section:	33

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

SOILS **Mapped Series:** Bashaw clay **Hydric Soil?:** Yes

Classification: Xeric Endoaquerts **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-8	10YR 3/3	SL				
8-16	10YR 3/1	SCL	5YR 3/4	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 (0%)	Status	% Cover	Herbaceous Stratum (80%)	Status	% Cover
			*Phalaris arundinacea**	FACW	30
			*Bidens sp.**	FACW+	40
			*Polygonum lapathifolium**	FACW	30
Shrub Stratum (0%)	**Status**	**% Cover**			
			Woody Vine Stratum (20%)	**Status**	**% Cover**
			*Solanum dulcamara**	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:	**Natural Resources Inventory**	Number:	**2613**	Sample Site	**155**
Applicant:	**City of Corvallis**	County:	**Benton**	Date:	**7/23/2002**
Investigators:	**PF / CR**	Township:	**11S** Range: **5W**	Section:	**33**

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

SOILS **Mapped Series:** Bashaw clay **Hydric Soil?:** Yes

Classification: Xeric Endoaquerts **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-12	10YR 4/3	SL	10YR 4/6	common, medium, distinct		refused 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 (90%)	Status	% Cover
			Alopecurus pratensis	FACW	10
			Festuca arundinacea	FAC-	10
			Daucus carota	UPL	10
			Vicia tetrasperma	UPL	5
			*Cirsium arvense**	FACU+	20
			*Centaurium umbellatum**	FAC	20
Shrub Stratum (0%)	**Status**	**% Cover**	*Phleum pratense**	FAC-	20
			Agrostis tenuis	FAC	5
			Woody Vine Stratum (10%)	**Status**	**% Cover**
			*Rubus discolor**	FACU	100

***Percent of dominant species FAC, FACW, or OBL:** **25%** **Criteria Met: No**

Comments:

Determination: Upland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	Natural Resources Inventory		Number:	2613	Sample Site	156	
Applicant:	City of Corvallis	County:	Benton		Date:	7/17/2002	
Investigators:	PF / CR	Township:	11S	Range: 5W	Section:	33	

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

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

SOILS **Mapped Series:** Waldo silty clay loam **Hydric Soil?:** Yes

Classification: Fluvaquentic Endoaquolls **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-14	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 (0%)	Status	% Cover

Shrub Stratum (0%)	Status	% Cover

Herbaceous Stratum (100%)	Status	% Cover
*Alopecurus pratensis**	FACW	30
*Festuca arundinacea**	FAC-	30
*Agrostis tenuis**	FAC	20
Daucus carota	UPL	5
Chrysanthemum leucanthemum	UPL	5
Vicia sativa	UPL	10

Woody Vine Stratum (0%)	Status	% Cover

***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:	Natural Resources Inventory	Number:	2613	Sample Site	157
Applicant:	City of Corvallis	County:	Benton	Date:	7/23/2002
Investigators:	PF / CR	Township:	11S	Range: 5W	Section: 33

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

SOILS **Mapped Series:** Concord silt loam **Hydric Soil?:** Yes

Classification: Typic Argialbolls **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-14	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 (5%)	Status	% Cover
*Quercus garryana**	UPL	100

Shrub Stratum (0%)	Status	% Cover

Herbaceous Stratum (90%)	Status	% Cover
Dipsacus sylvestris	FAC	10
*Festuca arundinacea**	FAC-	20
Agrostis tenuis	FAC	10
*Alopecurus pratensis**	FACW	30
*Cirsium arvense**	FACU+	20
Vicia tetrasperma	UPL	10

Woody Vine Stratum (5%)	Status	% Cover
*Rubus discolor**	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:	Natural Resources Inventory	Number:	2613	Sample Site	158
Applicant:	City of Corvallis	County:	Benton	Date:	7/23/2002
Investigators:	PF / CR	Township:	11S	Range: 5W	Section: 33

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

Is this an Atypical Situation? **No**

HYDROLOGY

Depth of Surf. H2O		Inches
Depth to Free H20	>16	Inches
Depth to Saturation	0	Inches

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

SOILS **Mapped Series:** Concord silt loam **Hydric Soil?:** Yes

Classification: Typic Argialbolls **Drainage Class:** poorly drained

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

Shrub Stratum (0%)	Status	% Cover

Herbaceous Stratum (100%)	Status	% Cover
*Phalaris arundinacea**	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:	Natural Resources Inventory	Number:	2613	Sample Site	159
Applicant:	City of Corvallis	County:	Benton	Date:	7/17/2002
Investigators:	PF / CR	Township:	11S Range: 5W	Section:	33

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

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

SOILS **Mapped Series:** Waldo silty clay loam **Hydric Soil?:** Yes

Classification: Fluvaquentic Endoaquolls **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-14	10YR 3/2	SL	10YR 4/4	few, fine, faint		

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

Criteria Met: Yes

VEGETATION

Tree Stratum (0%)	Status	% Cover

Shrub Stratum (0%)	Status	% Cover

Herbaceous Stratum (100%)	Status	% Cover
*Alopecurus pratensis**	FACW	40
*Festuca arundinacea**	FAC-	20
Lolium multiflorum	UPL	15
*Agrostis tenuis**	FAC	20
Cirsium arvense	FACU+	5

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:	Natural Resources Inventory	Number:	2613	Sample Site	160
Applicant:	City of Corvallis	County:	Benton	Date:	7/17/2002
Investigators:	PF / CR	Township:	11S Range: 5W	Section:	33

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

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

SOILS **Mapped Series:** Bashaw clay **Hydric Soil?:** Yes

Classification: Xeric Endoaquerts **Drainage Class:** poorly drained

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

Shrub Stratum (0%)	Status	% Cover

Herbaceous Stratum (100%)	Status	% Cover
*Alopecurus pratensis**	FACW	20
*Agrostis tenuis**	FAC	20
*Phalaris arundinacea**	FACW	60

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:	Natural Resources Inventory		Number:	2613	Sample Site	161	
Applicant:	City of Corvallis	County:	Benton		Date:	7/17/2002	
Investigators:	PF / CR	Township:	11S	Range: 5W	Section:	33	

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

SOILS **Mapped Series:** Waldo silty clay loam **Hydric Soil?:** Yes

Classification: Fluvaquentic Endoaquolls **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-14	10YR 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 (100%)	Status	% Cover
			*Lolium multiflorum**	UPL	80
			*Triticum aestivum**	UPL	20
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:	Natural Resources Inventory		Number: 2613		Sample Site	162	
Applicant:	City of Corvallis	County:	Benton		Date:	7/23/2002	
Investigators:	PF / CR	Township:	11S	Range: 5W	Section:	33	

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

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

SOILS **Mapped Series:** Concord silt loam **Hydric Soil?:** Yes

Classification: Typic Argialbolls **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-12	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

Shrub Stratum (0%)	Status	% Cover

Herbaceous Stratum (100%)	Status	% Cover
*Alopecurus pratensis**	FACW	60
*Festuca arundinacea**	FAC-	30
Daucus carota	UPL	5
Lactuca serriola	FACU	5

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:	**Natural Resources Inventory**	Number:	**2613**	Sample Site	**163**
Applicant:	**City of Corvallis**	County:	**Benton**	Date:	**7/23/2002**
Investigators:	**PF / CR**	Township:	**11S** Range: **5W**	Section:	**33**

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 H20	**>14**	**Inches**	**Sat. in Upper 12"**		**H20-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:** Concord silt loam **Hydric Soil?:** Yes

Classification: Typic Argialbolls **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-14	10YR 3/1	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

Shrub Stratum (0%)	Status	% Cover

Herbaceous Stratum (100%)	Status	% Cover
*Phalaris arundinacea**	**FACW**	**40**
*Eleocharis ovata**	**OBL**	**30**
*Leersia oryzoides**	**OBL**	**30**

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:	Natural Resources Inventory	Number:	2613	Sample Site	164
Applicant:	City of Corvallis	County:	Benton	Date:	7/17/2002
Investigators:	PF / CR	Township:	11S	Range: 5W	Section: 33

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

SOILS **Mapped Series:** Waldo silty clay loam **Hydric Soil?:** Yes

Classification: Fluvaquentic Endoaquolls **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-14	10YR 2/1	SCL	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 (60%)	Status	% Cover	Herbaceous Stratum (10%)	Status	% Cover
*Fraxinus latifolia**	FACW	100	*Solanum dulcamara**	FAC+	100
Shrub Stratum (30%)	**Status**	**% Cover**			
*Fraxinus latifolia**	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:	**Natural Resources Inventory**		Number:	**2613**	Sample Site	**165**	
Applicant:	**City of Corvallis**		County:	**Benton**	Date:	**7/23/2002**	
Investigators:	**PF / CR**		Township:	**11S**	Range: **5W**	Section:	**33**

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

SOILS **Mapped Series:** Concord silt loam **Hydric Soil?:** Yes

Classification: Typic Argialbolls **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-12	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
			*Phalaris arundinacea**	**FACW**	**20**
			*Mentha pulegium**	**OBL**	**50**
			*Alopecurus pratensis**	**FACW**	**20**
			Rumex crispus	**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:

Determination: **Wetland**

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	Natural Resources Inventory		Number:	2613	Sample Site:	167	
Applicant:	City of Corvallis		County:	Benton	Date:	8/2/2002	
Investigators:	PF / CR		Township:	11S	Range: 5W	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			Primary Indicators		Secondary Indicators	
			Inundated		Ox. rhizospheres	Yes
			Sat. in Upper 12"		H20-stained leaves	Yes
Depth of Surf. H2O		Inches	Water Marks		Local Soil Survey	
Depth to Free H20	>14	Inches	Drift Lines		FAC Neutral Test	
Depth to Saturation	>14	Inches	Sediment Deposits		Other	
			Drainage patterns	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 Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-14	10YR 3/2	SL	10YR 3/4	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 (0%)	Status	% Cover	Herbaceous Stratum (100%)	Status	% Cover
			*Alopecurus pratensis**	FACW	25
			*Agrostis tenuis**	FAC	25
			*Festuca arundinacea**	FAC-	20
			Lolium multiflorum	UPL	10
			Centaurium umbellatum	FAC	5
			Juncus tenuis	FACW-	10
Shrub Stratum (0%)	**Status**	**% Cover**	*Rumex crispus*	FAC+	5
			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:	Natural Resources Inventory		Number:	2613	Sample Site:	168	
Applicant:	City of Corvallis	County:	Benton		Date:	8/2/2002	
Investigators:	PF / CR	Township:	11S	Range: 5W	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

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

SOILS **Mapped Series:** Bashaw clay **Hydric Soil?:** Yes

Classification: Xeric Endoaquerts **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-14	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 (0%)	Status	% Cover	Herbaceous Stratum (100%)	Status	% Cover
			*Holcus lanatus**	FAC	20
			Centaurium umbellatum	FAC	10
			*Festuca arundinacea**	FAC-	20
			*Agrostis tenuis**	FAC	30
			Alopecurus pratensis	FACW	15
			Juncus tenuis	FACW-	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: Upland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	Natural Resources Inventory	Number:	2613	Sample Site:	169
Applicant:	City of Corvallis	County:	Benton	Date:	8/2/2002
Investigators:	PF / CR	Township:	11S Range: 5W	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

			Primary Indicators		Secondary Indicators	
			Inundated		Ox. rhizospheres	Yes
			Sat. in Upper 12"		H20-stained leaves	Yes
Depth of Surf. H2O		Inches	Water Marks		Local Soil Survey	
Depth to Free H20	>14	Inches	Drift Lines		FAC Neutral Test	
Depth to Saturation	>14	Inches	Sediment Deposits		Other _____	
			Drainage patterns	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 Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-14	10YR 3/2	SL	10YR 3/4	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 (0%)	Status	% Cover	Herbaceous Stratum (100%)	Status	% Cover
			*Alopecurus pratensis**	FACW	20
			Agrostis tenuis	FAC	15
			Festuca arundinacea	FAC-	15
			*Deschampsia cespitosa**	FACW	20
			Rumex crispus	FAC+	5
			Crepis setosa	FACU	5
Shrub Stratum (0%)	**Status**	**% Cover**	*Capsella bursa-pastoris**	FACU	20
			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:	Natural Resources Inventory			Number:	2613	Sample Site	171
Applicant:	City of Corvallis			County:	Benton	Date:	6/12/2002
Investigators:	SE / ME			Township:	12S	Range: 5W	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

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

Primary Indicators		Secondary Indicators
Inundated		**Ox. rhizospheres**
Sat. in Upper 12"		**H20-stained leaves**
Water Marks		**Local Soil Survey**
Drift Lines		**FAC Neutral Test**
Sediment Deposits		**Other** _____
Drainage patterns	**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 Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-14	2.5YR 5/2	CL	10YR 4/6	common, fine distinct		70%
	10YR 3/1	SCL				30%

*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
*Fraxinus latifolia**	FACW	70
*Crataegus monogyna**	FACU+	30

Shrub Stratum (0%)	Status	% Cover

Herbaceous Stratum (65%)	Status	% Cover
*Convolvulus arvensis**	UPL	25
*Phalaris arundinacea**	FACW	35
Rumex crispus	FAC+	5
*Alopecurus geniculatus**	OBL	20
Solanum dulcamara	FAC+	5
Poa trivialis	FACW	10

Woody Vine Stratum (0%)	Status	% Cover

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

Comments:

Determination: Wetland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	**Natural Resources Inventory**	Number:	**2613**	Sample Site	**172**
Applicant:	**City of Corvallis**	County:	**Benton**	Date:	**6/12/2002**
Investigators:	**SE / ME**	Township:	**12S** Range: **5W**	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

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

SOILS **Mapped Series:** Malabon silty clay loam **Hydric Soil?:** No

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

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-8	10 YR 3/2	SL				
8-14+	10 YR 3/3	SL				

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

Criteria Met: No

VEGETATION

Tree Stratum (35%)	Status	% Cover
*Fraxinus latifolia**	**FACW**	**25**
*Abies grandis**	**FACU-**	**40**
*Pseudotsuga menziesii**	**FACU**	**35**

Shrub Stratum (20%)	Status	% Cover
*Symphoricarpos albus**	**FACU**	**100**

Herbaceous Stratum (5%)	Status	% Cover
*Daucus carota**	**UPL**	**20**
Vicia americana	**FAC**	**10**
Lapsana communis	**UPL**	**5**
*Galium aparine**	**FACU**	**20**
Poa trivialis	**FACW**	**15**
Dactylis glomerata	**FACU**	**15**
Tellima grandiflora	**UPL**	**15**

Woody Vine Stratum (40%)	Status	% Cover
*Rhus diversiloba**	**UPL**	**30**
*Rubus discolor**	**FACU**	**35**
*Rubus ursinus**	**FACU**	**35**

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

Comments:

Determination: Upland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	**Natural Resources Inventory**	Number:	**2613**	Sample Site	**173**
Applicant:	**City of Corvallis**	County:	**Benton**	Date:	**9/26/2002**
Investigators:	**PF / ME**	Township:	**11S** Range: **5W**	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

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

SOILS **Mapped Series:** Chehalis silty clay loam **Hydric Soil?:** No

Classification: Cumulic Ultic Haploxerolls **Drainage Class:** well drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-16	10YR 3/2	SL	10YR 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 (50%)	Status	% Cover
*Acer macrophyllum**	**FACU**	**100**

Shrub Stratum (10%)	Status	% Cover
*Corylus cornuta**	**FACU**	**30**
*Rhododendron macrophyllum**	**UPL**	**70**

Herbaceous Stratum (5%)	Status	% Cover
*Epilobium watsonii**	**FACW-**	**100**

Woody Vine Stratum (35%)	Status	% Cover
*Rubus discolor**	**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:	Natural Resources Inventory	Number:	2613	Sample Site	174
Applicant:	City of Corvallis	County:	Benton	Date:	9/26/2002
Investigators:	PF / ME	Township:	11S	Range: 5W	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

			Primary Indicators	Secondary Indicators	
			Inundated	Ox. rhizospheres	Yes
			Sat. in Upper 12"	H20-stained leaves	
Depth of Surf. H2O		Inches	Water Marks	Local Soil Survey	
Depth to Free H20	>14	Inches	Drift Lines	FAC Neutral Test	
Depth to Saturation	>14	Inches	Sediment Deposits	Other _____	
			Drainage patterns 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 Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-4	10YR 3/2	SL				
4-14	10YR 3/2	SCL	10YR 4/6	common, fine, distinct		

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

Criteria Met: Yes

VEGETATION

Tree Stratum (0%)	Status	% Cover

Shrub Stratum (30%)	Status	% Cover
*Populus trichocarpa**	FAC	30
*Fraxinus latifolia**	FACW	60
Rosa eglanteria	FACW	10

Herbaceous Stratum (50%)	Status	% Cover
*Phalaris arundinacea**	FACW	100

Woody Vine Stratum (20%)	Status	% Cover
*Rubus ursinus**	FACU	80
*Rubus laciniatus**	FACU+	20

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

Comments:

Determination: Wetland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	Natural Resources Inventory	Number:	2613	Sample Site:	175
Applicant:	City of Corvallis	County:	Benton	Date:	8/2/2002
Investigators:	PF / CR	Township:	11S Range: 5W	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

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

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

SOILS **Mapped Series:** Willamette silt loam **Hydric Soil?:** No

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

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-14	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 (100%)**	**Status**	**% Cover**
			*Alopecurus pratensis**	**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:	**Natural Resources Inventory**		Number:	**2613**	Sample Site:	**177**	
Applicant:	**City of Corvallis**		County:	**Benton**	Date:	**8/2/2002**	
Investigators:	**PF / CR**		Township:	**11S**	Range: **5W**	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

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

SOILS **Mapped Series:** Willamette silt loam **Hydric Soil?:** No

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

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-8	10YR 3/2	SL	7.5YR 4/6	many, coarse, prominent		
8-14	10YR 3/1	SCL	10YR 2/2	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
			*Alopecurus pratensis**	**FACW**	**70**
			*Alopecurus geniculatus**	**OBL**	**20**
			Holcus lanatus	**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:

Determination: **Wetland**

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	**Natural Resources Inventory**	Number:	**2613**	Sample Site:	**178**
Applicant:	**City of Corvallis**	County:	**Benton**	Date:	**8/2/2002**
Investigators:	**PF / CR**	Township:	**11S** Range: **5W**	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

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

SOILS **Mapped Series:** Willamette silt loam **Hydric Soil?:** No

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

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

Shrub Stratum (0%)	Status	% Cover

Herbaceous Stratum (100%)	Status	% Cover
*Daucus carota**	UPL	25
*Trifolium pratense**	FACU	20
*Festuca arundinacea**	FAC-	30
Hypochaeris radicata	FACU	5
Agrostis tenuis	FAC	10
Alopecurus pratensis	FACW	10

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:	Natural Resources Inventory		Number:	2613	Sample Site	179	
Applicant:	City of Corvallis		County:	Benton	Date:	9/26/2002	
Investigators:	PF / ME		Township:	11S	Range: 5W	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

			Primary Indicators		Secondary Indicators	
			Inundated		Ox. rhizospheres	Yes
			Sat. in Upper 12"		H20-stained leaves	
Depth of Surf. H2O		Inches	Water Marks		Local Soil Survey	
Depth to Free H20	>14	Inches	Drift Lines		FAC Neutral Test	
Depth to Saturation	>14	Inches	Sediment Deposits		Other _____	
			Drainage patterns	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 Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-14	10YR 3/2 10YR 4/1	SDL	10YR 5/8	many, coarse, distinct		50% 50%

*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
			*Phalaris arundinacea**	FACW	80
			Hypochaeris radicata	FACU	5
			Sonchus asper	FAC-	5
			Unknown grass	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:

Determination: Wetland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	Natural Resources Inventory	Number:	2613	Sample Site	180
Applicant:	City of Corvallis	County:	Benton	Date:	9/26/2002
Investigators:	PF / ME	Township:	11S	Range: 5W	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

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

SOILS **Mapped Series:** Chehalis silty clay loam **Hydric Soil?:** No

Classification: Cumulic Ultic Haploxerolls **Drainage Class:** well drained

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

Shrub Stratum (0%)	Status	% Cover

Herbaceous Stratum (95%)	Status	% Cover
*Phalaris arundinacea**	FACW	50
Agrostis tenuis	FAC	10
*Convolvulus arvensis**	UPL	20
Daucus carota	UPL	10
Plantago lanceolata	FAC	5
Trifolium pratense	FACU	5

Woody Vine Stratum (5%)	Status	% Cover
*Rubus discolor**	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:	**Natural Resources Inventory**	Number:	**2613**	Sample Site	**181**
Applicant:	**City of Corvallis**	County:	**Benton**	Date:	**8/13/2002**
Investigators:	**PF / CR**	Township:	**12S** Range: **5W**	Section:	**3, 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
			Inundated	**Ox. rhizospheres**
			Sat. in Upper 12"	**H20-stained leaves**
Depth of Surf. H2O		**Inches**	**Water Marks**	**Local Soil Survey**
Depth to Free H20	**>6**	**Inches**	**Drift Lines**	**FAC Neutral Test**
Depth to Saturation	**>6**	**Inches**	**Sediment Deposits**	**Other** _____
			Drainage patterns	**Criteria Met: No**

SOILS **Mapped Series:** Waldo silty clay loam **Hydric Soil?:** Yes

Classification: Fluvaquentic Endoaquolls **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-6	10YR 3/2	SL				Refusal at 6 inches

*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
			*Trifolium repens**	FAC	30
			*Poa sp.**	FAC	20
			*Festuca arundinacea**	FAC-	30
			*Agrostis tenuis**	FAC	20
Shrub Stratum (0%)	**Status**	**% Cover**			
			Woody Vine Stratum (0%)	**Status**	**% Cover**

***Percent of dominant species FAC, FACW, or OBL:** 75% **Criteria Met: Yes**

Comments:

Determination: Upland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	Natural Resources Inventory		Number: 2613		Sample Site	182	
Applicant:	City of Corvallis	County:	Benton		Date:	8/13/2002	
Investigators:	PF / CR	Township:	12S	Range: 5W	Section:	3, 4	

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

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

SOILS **Mapped Series:** Waldo silty clay loam **Hydric Soil?:** Yes

Classification: Fluvaquentic Endoaquolls **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-12	10YR 3/2	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
*Fraxinus latifolia**	FACW	100

Shrub Stratum (20%)	Status	% Cover
*Fraxinus latifolia**	FACW	100

Herbaceous Stratum (50%)	Status	% Cover
Alopecurus pratensis	FACW	10
*Holcus lanatus**	FAC	20
*Festuca arundinacea**	FAC-	30
*Agrostis tenuis**	FAC	20
*Vicia tetrasperma**	UPL	20

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:	Natural Resources Inventory	Number:	2613	Sample Site	183
Applicant:	City of Corvallis	County:	Benton	Date:	8/13/2002
Investigators:	PF / CR	Township:	12S Range: 5W	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

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

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

SOILS **Mapped Series:** Waldo silty clay loam **Hydric Soil?:** Yes

Classification: Fluvaquentic Endoaquolls **Drainage Class:** poorly drained

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

Shrub Stratum (30%)	Status	% Cover
*Salix scouleriana**	FAC	40
*Crataegus douglasii**	FAC	60

Herbaceous Stratum (70%)	Status	% Cover
*Deschampsia cespitosa**	FACW	30
*Alopecurus pratensis**	FACW	20
*Holcus lanatus**	FAC	20
*Agrostis tenuis**	FAC	20
Juncus effusus	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:	Natural Resources Inventory	Number:	2613	Sample Site	184
Applicant:	City of Corvallis	County:	Benton	Date:	9/26/2002
Investigators:	PF / ME	Township:	11S Range: 5W	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

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

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

SOILS **Mapped Series:** Chehalis silty clay loam **Hydric Soil?:** No

Classification: Cumulic Ultic Haploxerolls **Drainage Class:** well drained

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

Shrub Stratum (5%)	**Status**	**% Cover**
*Spiraea douglasii**	**FACW**	**100**

Herbaceous Stratum (95%)	**Status**	**% Cover**
*Phalaris arundinacea**	**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:	Natural Resources Inventory		Number:	2613	Sample Site	185	
Applicant:	City of Corvallis		County:	Benton	Date:	9/26/2002	
Investigators:	PF / ME		Township:	11S	Range: 5W	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

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

Primary Indicators		Secondary Indicators	
Inundated		Ox. rhizospheres	Yes
Sat. in Upper 12"		H20-stained leaves	Yes
Water Marks		Local Soil Survey	
Drift Lines		FAC Neutral Test	
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 Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-14	10YR 3/2	SCL	10YR 4/6	common, coarse, distinct		

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

Criteria Met: Yes

VEGETATION

Tree Stratum (60%)	Status	% Cover
*Fraxinus latifolia**	FACW	100

Shrub Stratum (10%)	Status	% Cover
*Fraxinus latifolia**	FACW	100

Herbaceous Stratum (30%)	Status	% Cover
*Phalaris arundinacea**	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:	Natural Resources Inventory	Number:	2613	Sample Site	186
Applicant:	City of Corvallis	County:	Benton	Date:	9/26/2002
Investigators:	PF / ME	Township:	11S Range: 5W	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

			Primary Indicators	Secondary Indicators
			Inundated	Ox. rhizospheres
			Sat. in Upper 12"	H20-stained leaves
Depth of Surf. H2O		Inches	Water Marks	Local Soil Survey
Depth to Free H20	>15	Inches	Drift Lines	FAC Neutral Test
Depth to Saturation	>15	Inches	Sediment Deposits	Other _____
			Drainage patterns	Criteria Met: No

SOILS **Mapped Series:** Chehalis silty clay loam **Hydric Soil?:** No

Classification: Cumulic Ultic Haploxerolls **Drainage Class:** well drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-5	10YR 3/3	SL				
5-15	10YR 3/3	SL	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: No

VEGETATION

Tree Stratum (0%)	Status	% Cover

Shrub Stratum (8%)	Status	% Cover
*Crataegus monogyna**	FACU+	100

Herbaceous Stratum (52%)	Status	% Cover
*Phalaris arundinacea**	FACW	20
*Cirsium arvense**	FACU+	25
Hypericum perforatum	UPL	5
*Daucus carota**	UPL	20
Agrostis tenuis	FAC	15
Taraxacum officinale	FACU	15

Woody Vine Stratum (40%)	Status	% Cover
*Rubus discolor**	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:	Natural Resources Inventory	Number:	2613	Sample Site	187
Applicant:	City of Corvallis	County:	Benton	Date:	11/6/2002
Investigators:	SE / ME	Township:	12S Range: 5W	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

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

SOILS **Mapped Series:** Chehalis silty clay loam **Hydric Soil?:** No

Classification: Cumulic Ultic Haploxerolls **Drainage Class:** well drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-11	10YR 3/2	SL				
11-14	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 (45%)	Status	% Cover
*Fraxinus latifolia**	FACW	100

Shrub Stratum (40%)	Status	% Cover
*Symphoricarpos albus**	FACU	100

Herbaceous Stratum (5%)	Status	% Cover
*Brachypodium sylvaticum**	UPL	55
Glyceria elata	FACW+	15
*Lapsana communis**	UPL	30

Woody Vine Stratum (10%)	Status	% Cover
*Rubus ursinus**	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:	Natural Resources Inventory		Number:	2613	Sample Site	188	
Applicant:	City of Corvallis	County:	Benton		Date:	11/6/2002	
Investigators:	SE / ME	Township:	12S	Range: 5W	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

			Primary Indicators		Secondary Indicators	
			Inundated		Ox. rhizospheres	Yes
			Sat. in Upper 12"		H20-stained leaves	
Depth of Surf. H2O		Inches	Water Marks	Yes	Local Soil Survey	
Depth to Free H20	>16	Inches	Drift Lines		FAC Neutral Test	
Depth to Saturation	>16	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 Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-16	10YR 4/1	SC	10YR 4/6	few, fine, distinct		

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

Criteria Met: Yes

VEGETATION

Tree Stratum (20%)	Status	% Cover
*Fraxinus latifolia**	FACW	100

Shrub Stratum (15%)	Status	% Cover
*Ribes divaricatum**	FAC	55
*Cornus stolonifera**	FACW	45

Herbaceous Stratum (55%)	Status	% Cover
*Solanum dulcamara**	FAC+	30
*Carex obnupta**	OBL	70

Woody Vine Stratum (10%)	Status	% Cover
*Rubus ursinus**		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:	Natural Resources Inventory	Number:	2613	Sample Site	189
Applicant:	City of Corvallis	County:	Benton	Date:	8/13/2002
Investigators:	PF / CR	Township:	12S Range: 5W	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
			Inundated	Ox. rhizospheres
			Sat. in Upper 12"	H20-stained leaves
Depth of Surf. H2O		Inches	Water Marks	Local Soil Survey
Depth to Free H20	>12	Inches	Drift Lines	FAC Neutral Test
Depth to Saturation	>12	Inches	Sediment Deposits	Other _____
			Drainage patterns	Criteria Met: No

SOILS **Mapped Series:** Waldo silty clay loam **Hydric Soil?:** Yes

Classification: Fluvaquentic Endoaquolls **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-12	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

Shrub Stratum (0%)	Status	% Cover

Herbaceous Stratum (100%)	Status	% Cover
*Festuca arundinacea**	FAC-	35
*Hypochaeris radicata**	FACU	20
Sonchus asper	FAC-	5
Daucus carota	UPL	10
Cirsium arvense	FACU+	10
*mowed grasses**	FAC - FACU	20

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:	Natural Resources Inventory	Number:	2613	Sample Site	190
Applicant:	City of Corvallis	County:	Benton	Date:	9/26/2002
Investigators:	PF / ME	Township:	11S	Range: 5W	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

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

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

SOILS **Mapped Series:** Chehalis silty clay loam **Hydric Soil?:** No

Classification: Cumulic Ultic Haploxerolls **Drainage Class:** well drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-8	10YR 3/3	SDL				
8-16	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
			*Phalaris arundinacea**	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:	Natural Resources Inventory	Number:	2613	Sample Site:	191
Applicant:	City of Corvallis	County:	Benton	Date:	8/2/2002
Investigators:	PF / CR	Township:	11S	Range: 5W	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
			Inundated	Ox. rhizospheres
			Sat. in Upper 12"	H20-stained leaves
Depth of Surf. H2O		Inches	Water Marks	Local Soil Survey
Depth to Free H20	>12	Inches	Drift Lines	FAC Neutral Test
Depth to Saturation	>12	Inches	Sediment Deposits	Other _____
			Drainage patterns	Criteria Met: No

SOILS **Mapped Series:** Dayton silt loam **Hydric Soil?:** Yes

Classification: Typic Albaqualfs **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-12	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

Shrub Stratum (0%)	Status	% Cover

Herbaceous Stratum (100%)	Status	% Cover
Poa annua	FAC	10
Trifolium repens	FAC	5
*Festuca arundinacea**	FAC-	40
*Hypochaeris radicata**	FACU	20
Centaurium umbellatum	FAC	5
*Agrostis tenuis**	FAC	20

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:	**Natural Resources Inventory**	Number:	**2613**	Sample Site	**192**
Applicant:	**City of Corvallis**	County:	**Benton**	Date:	**9/26/2002**
Investigators:	**PF / ME**	Township:	**11S** Range: **5W**	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

			Primary Indicators	Secondary Indicators
			Inundated	**Ox. rhizospheres**
			Sat. in Upper 12"	**H20-stained leaves**
Depth of Surf. H2O		**Inches**	**Water Marks**	**Local Soil Survey**
Depth to Free H20	**>15**	**Inches**	**Drift Lines**	**FAC Neutral Test**
Depth to Saturation	**>15**	**Inches**	**Sediment Deposits**	**Other** _____
			Drainage patterns	**Criteria Met: No**

SOILS **Mapped Series:** Chehalis silty clay loam **Hydric Soil?:** No

Classification: Cumulic Ultic Haploxerolls **Drainage Class:** well drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-4	10YR 3/2	SL				
4-15	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 (0%)	Status	% Cover

Shrub Stratum (0%)	Status	% Cover

Herbaceous Stratum (100%)	Status	% Cover
*Phalaris arundinacea**	FACW	20
Cirsium arvense	FACU+	5
*Trifolium pratense**	FACU	20
*Daucus carota**	UPL	20
Hypochaeris radicata	FACU	15
*Taraxacum officinale**	FACU	20

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:	**Natural Resources Inventory**	Number:	**2613**	Sample Site	**193**
Applicant:	**City of Corvallis**	County:	**Benton**	Date:	**8/13/2002**
Investigators:	**PF / CR**	Township:	**12S** Range: **5W**	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

Depth of Surf. H2O		**Inches**
Depth to Free H20	**>12**	**Inches**
Depth to Saturation	**>12**	**Inches**

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

SOILS **Mapped Series:** Waldo silty clay loam **Hydric Soil?:** Yes

Classification: Fluvaquentic Endoaquolls **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-12	10 YR 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**
*Fraxinus latifolia**	**FACW**	**100**

Shrub Stratum (5%)	**Status**	**% Cover**
*Oemleria cerasiformis**	**FACU**	**100**

Herbaceous Stratum (75%)	**Status**	**% Cover**
*Festuca arundinacea**	**FAC-**	**30**

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:	Natural Resources Inventory	Number:	2613	Sample Site	194
Applicant:	City of Corvallis	County:	Benton	Date:	8/13/2002
Investigators:	PF / CR	Township:	12S	Range: 5W	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

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

SOILS **Mapped Series:** Waldo silty clay loam **Hydric Soil?:** Yes

Classification: Fluvaquentic Endoaquolls **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-14	10YR 3/2	SL	7.5YR 3/4	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 (0%)	Status	% Cover	Herbaceous Stratum (100%)	Status	% Cover
			*Polygonum lapathifolium**	FACW	20
			*Phalaris arundinacea**	FACW	30
			*Lotus corniculatus**	FAC	20
			*Echinochloa crusgalli**	FACW	20
			Bidens cernua	FACW+	5
			Solanum dulcamara	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:	**Natural Resources Inventory**	Number:	**2613**	Sample Site	**195**
Applicant:	**City of Corvallis**	County:	**Benton**	Date:	**8/2/2002**
Investigators:	**PF / CR**	Township:	**11S** Range: **5W**	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

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

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

SOILS **Mapped Series:** Dayton silt loam **Hydric Soil?:** Yes

Classification: Typic Albaqualfs **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-14	10YR 3/2	C	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**

Shrub Stratum (20%)	**Status**	**% Cover**
*Fraxinus latifolia**	**FACW**	**100**

Herbaceous Stratum (80%)	**Status**	**% Cover**
*Veronica scutellata**	**OBL**	**40**
*Bidens frondosa**	**FACW+**	**20**
Alopecurus geniculatus	**OBL**	**10**
Typha latifolia	**OBL**	**10**
Gnaphalium palustre	**FAC+**	**5**
Polygonum lapathifolium	**FACW**	**5**
Panicum capillare	**FACU+**	**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:	Natural Resources Inventory	Number:	2613	Sample Site	196
Applicant:	City of Corvallis	County:	Benton	Date:	8/13/2002
Investigators:	PF / CR	Township:	12S Range: 5W	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

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

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

SOILS **Mapped Series:** Waldo silty clay loam **Hydric Soil?:** Yes

Classification: Fluvaquentic Endoaquolls **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-12	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 (50%)	Status	% Cover
*Fraxinus latifolia**	FACW	100

Shrub Stratum (20%)	Status	% Cover
*Rosa nutkana**	FAC	100

Herbaceous Stratum (30%)	Status	% Cover
*Alopecurus pratensis**	FACW	40
*Holcus lanatus**	FAC	20
Festuca arundinacea	FAC-	5
*Agrostis tenuis**	FAC	30
Rumex crispus	FAC+	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:	Natural Resources Inventory	Number:	2613	Sample Site:	197
Applicant:	City of Corvallis	County:	Benton	Date:	8/2/2002
Investigators:	PF / CR	Township:	11S Range: 5W	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	
			Inundated		Ox. rhizospheres	Yes
			Sat. in Upper 12"	Yes	H20-stained leaves	
Depth of Surf. H2O		Inches	Water Marks		Local Soil Survey	
Depth to Free H20	>14	Inches	Drift Lines		FAC Neutral Test	
Depth to Saturation	>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 Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-14	10YR 3/1	C	10YR 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

Shrub Stratum (10%)	Status	% Cover
*Salix sitchensis**	FACW	100

Woody Vine Stratum (0%)	Status	% Cover

Herbaceous Stratum (90%)	Status	% Cover
Alopecurus pratensis	FACW	3
*Deschampsia cespitosa**	FACW	20
*Agrostis alba**	FAC	40
Holcus lanatus	FAC	15
Juncus ensifolius	FACW	5
Typha latifolia	OBL	3
Carex unilateralis	FACW	2
Carex stipata	OBL	3
Carex feta	FACW	2
Juncus effusus	FACW	2
Juncus tenuis	FACW-	2

***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:	Natural Resources Inventory	Number:	2613	Sample Site:	198
Applicant:	City of Corvallis	County:	Benton	Date:	8/2/2002
Investigators:	PF / CR	Township:	11S	Range: 5W	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

Depth of Surf. H2O		Inches
Depth to Free H20	>3	Inches
Depth to Saturation	>3	Inches

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

Criteria Met: No

SOILS **Mapped Series:** Dayton silt loam **Hydric Soil?:** Yes

Classification: Typic Albaqualfs **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-3	10YR 4/3	SL				refused at 3 inches due to rock / fill

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

Criteria Met: No

VEGETATION

Tree Stratum (0%)	Status	% Cover

Shrub Stratum (0%)	Status	% Cover

Herbaceous Stratum (100%)	Status	% Cover
*Holcus lanatus**	FAC	60
*Alopecurus pratensis**	FACW	20
Daucus carota	UPL	10
Agropyron repens	FAC-	10

Woody Vine Stratum (0%)	Status	% Cover

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

Comments:

Determination: Upland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	Natural Resources Inventory	Number:	2613	Sample Site	199
Applicant:	City of Corvallis	County:	Benton	Date:	8/13/2002
Investigators:	PF / CR	Township:	12S	Range: 5W	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

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

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

SOILS **Mapped Series:** Waldo silty clay loam **Hydric Soil?:** Yes

Classification: Fluvaquentic Endoaquolls **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-16	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 (10%)	Status	% Cover
*Fraxinus latifolia**	FACW	100

Shrub Stratum (0%)	Status	% Cover

Herbaceous Stratum (90%)	Status	% Cover
*Alopecurus pratensis**	FACW	20
*Agrostis tenuis**	FAC	20
*Agrostis stolonifera**	FAC	25
*Agrostis alba**	FAC	20
Festuca arundinacea	FAC-	10
Juncus effusus	FACW	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:	**Natural Resources Inventory**	Number:	**2613**	Sample Site	**200**
Applicant:	**City of Corvallis**	County:	**Benton**	Date:	**8/2/2002**
Investigators:	**PF / CR**	Township:	**11S** Range: **5W**	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

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

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

SOILS **Mapped Series:** Dayton silt loam **Hydric Soil?:** Yes

Classification: Typic Albaqualfs **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-14	10YR 3/1	SCL	10YR 2/2	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**

Shrub Stratum (0%)	**Status**	**% Cover**

Herbaceous Stratum (100%)	**Status**	**% Cover**
*Holcus lanatus**	**FAC**	**20**
*Alopecurus pratensis**	**FACW**	**50**
Hypochaeris radicata	**FACU**	**10**
*Festuca arundinacea**	**FAC-**	**20**

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:	**Natural Resources Inventory**	Number:	**2613**	Sample Site	**201**
Applicant:	**City of Corvallis**	County:	**Benton**	Date:	**8/13/2002**
Investigators:	**PF / CR**	Township:	**12S** Range: **5W**	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

Depth of Surf. H2O		**Inches**
Depth to Free H20	**>12**	**Inches**
Depth to Saturation	**>12**	**Inches**

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

SOILS **Mapped Series:** Waldo silty clay loam **Hydric Soil?:** Yes

Classification: Fluvaquentic Endoaquolls **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-12	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**

Shrub Stratum (0%)	**Status**	**% Cover**

Herbaceous Stratum (100%)	**Status**	**% Cover**
*Festuca arundinacea**	**FAC-**	**60**
*Agrostis tenuis**	**FAC**	**20**
*Dactylis glomerata**	**FACU**	**20**

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:	**Natural Resources Inventory**	Number:	**2613**	Sample Site	**203**
Applicant:	**City of Corvallis**	County:	**Benton**	Date:	**9/26/2002**
Investigators:	**PF / ME**	Township:	**11S**	Range: **5W**	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

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

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

SOILS **Mapped Series:** Chehalis silty clay loam **Hydric Soil?:** No

Classification: Cumulic Ultic Haploxerolls **Drainage Class:** well drained

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

Shrub Stratum (0%)	**Status**	**% Cover**

Herbaceous Stratum (100%)	**Status**	**% Cover**
*Phalaris arundinacea**	**FACW**	**70**
Cirsium arvense	**FACU+**	**10**
Convolvulus arvensis	**UPL**	**10**
Daucus carota	**UPL**	**5**
Equisetum arvense	**FAC**	**5**

Woody Vine Stratum (0%)	**Status**	**% Cover**

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

Comments:

Determination: Upland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	Natural Resources Inventory	Number:	2613	Sample Site	205
Applicant:	City of Corvallis	County:	Benton	Date:	9/18/2002
Investigators:	SE / ME	Township:	12S	Range: 5W	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

		Primary Indicators	Secondary Indicators
		Inundated	Ox. rhizospheres Yes
		Sat. in Upper 12"	H20-stained leaves
Depth of Surf. H2O	Inches	Water Marks	Local Soil Survey
Depth to Free H20	Inches	Drift Lines	FAC Neutral Test
Depth to Saturation	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 Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-2						roots
2-9	10 YR 3/1	SL	10 YR 3/6	common, coarse, distinct		MN nodules
9-12	10 YR 4/1	S				

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

Criteria Met: Yes

VEGETATION

Tree Stratum (0%)	Status	% Cover

Shrub Stratum (25%)	Status	% Cover
*Crataegus douglasii**	FAC	85
Rosa sp.	FAC	15

Herbaceous Stratum (75%)	Status	% Cover
*Holcus lanatus**	FAC	25
Juncus tenuis	FACW-	3
Camassia quamash	FACW	5
Festuca arundinacea	FAC-	5
*Agrostis tenuis**	FAC	22
*Alopecurus pratensis**	FACW	40

Woody Vine Stratum (0%)	Status	% Cover

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

Comments: In backyard of property owners on Stone Street.

Determination: Wetland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	Natural Resources Inventory	Number:	2613	Sample Site	206
Applicant:	City of Corvallis	County:	Benton	Date:	9/18/2002
Investigators:	SE / ME	Township:	12S	Range: 5W	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

		Primary Indicators	Secondary Indicators	
		Inundated	Ox. rhizospheres	Yes
		Sat. in Upper 12"	H20-stained leaves	
Depth of Surf. H2O	Inches	Water Marks	Local Soil Survey	
Depth to Free H20	Inches	Drift Lines	FAC Neutral Test	
Depth to Saturation	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 Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-2						roots
2-9	10 YR 3/1	SL	10 YR 3/6	common, coarse, distinct		MN nodules
9-12	10 YR 4/1	S				

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

Criteria Met: Yes

VEGETATION

Tree Stratum (0%)	Status	% Cover

Shrub Stratum (25%)	Status	% Cover
*Crataegus douglasii**	FAC	85
Rosa sp.	FAC	15

Herbaceous Stratum (75%)	Status	% Cover
*Holcus lanatus**	FAC	25
Juncus tenuis	FACW-	3
Camassia quamash	FACW	5
Festuca arundinacea	FAC-	5
*Agrostis tenuis**	FAC	22
*Alopecurus pratensis**	FACW	40

Woody Vine Stratum (0%)	Status	% Cover

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

Comments: In backyard of property owners on Stone Street.

Determination: Wetland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	Natural Resources Inventory	Number:	2613	Sample Site	207
Applicant:	City of Corvallis	County:	Benton	Date:	11/6/2002
Investigators:	SE / ME	Township:	12	Range: 5W	Section: 12

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

SOILS **Mapped Series:** Newberg loam **Hydric Soil?:** No

Classification: Fluventic Haploxerolls **Drainage Class:** Somewhat excessively drained

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

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

Criteria Met: No

VEGETATION

Tree Stratum (0%)	Status	% Cover

Shrub Stratum (5%)	Status	% Cover
*Populus trichocarpa**	FAC	50
*Pinus ponderosa**	FACU-	50

Herbaceous Stratum (95%)	Status	% Cover
*Hypochaeris radicata**	FACU	20
Cirsium arvense	FACU+	5
*Daucus carota**	UPL	75

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:	**Natural Resources Inventory**	Number:	**2613**	Sample Site	**208**
Applicant:	**City of Corvallis**	County:	**Benton**	Date:	**11/6/2002**
Investigators:	**SE / ME**	Township:	**12S** Range: **5W**	Section:	**12**

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

Is this an Atypical Situation? **Yes**

HYDROLOGY

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

SOILS **Mapped Series:** Newberg loam **Hydric Soil?:** No

Classification: Fluventic Haploxerolls **Drainage Class:** Somewhat excessively drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
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

Shrub Stratum (8%)	Status	% Cover
*Populus trichocarpa**	FAC	100

Herbaceous Stratum (92%)	Status	% Cover
Hypochaeris radicata	FACU	5
*unidentified herb**		50
*Paspalum distichum**	FACW	45

Woody Vine Stratum (0%)	Status	% Cover

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

Comments: Vicinity of sample site is 50% bare soil. Depressional area with evidence of ponding. May have been artificially created during construction of adjacent soccer fields.

Determination: Wetland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	Natural Resources Inventory	Number:	2613	Sample Site	209
Applicant:	City of Corvallis	County:	Benton	Date:	11/6/2002
Investigators:	SE / ME	Township:	12S Range: 5W	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

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

Primary Indicators		Secondary Indicators
Inundated		Ox. rhizospheres
Sat. in Upper 12"		H20-stained leaves
Water Marks	Yes	Local Soil Survey
Drift Lines		FAC Neutral Test
Sediment Deposits		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 Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-6	10YR 3/2	SL				
6-15	10YR 4/1	SL	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 (10%)	Status	% Cover
*Fraxinus latifolia**	FACW	100

Shrub Stratum (35%)	Status	% Cover
*Salix lasiandra**	FACW+	90
Rosa pisocarpa	FAC	10

Herbaceous Stratum (40%)	Status	% Cover
*Solanum dulcamara**	FAC+	30
*Phalaris arundinacea**	FACW	70

Woody Vine Stratum (15%)	Status	% Cover
*Rubus discolor**	FACU	75
*Rubus ursinus**	FACU	25

***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:	**Natural Resources Inventory**	Number:	**2613**	Sample Site	**210**
Applicant:	**City of Corvallis**	County:	**Benton**	Date:	**11/6/2002**
Investigators:	**SE / ME**	Township:	**12S** Range: **5W**	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

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

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

SOILS **Mapped Series:** McBee silty clay loam **Hydric Soil?:** No

Classification: Cumulic Ultic Haploxerolls **Drainage Class:** moderately well drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
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**

Shrub Stratum (0%)	**Status**	**% Cover**

Herbaceous Stratum (100%)	**Status**	**% Cover**
Lolium perenne	**FACU**	**5**
*Lolium multiflorum**	**UPL**	**65**
*Equisetum arvense**	**FAC**	**22**
Lactuca serriola	**FACU**	**3**
Solanum dulcamara	**FAC+**	**5**

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:	**Natural Resources Inventory**	Number:	**2613**	Sample Site	**211**
Applicant:	**City of Corvallis**	County:	**Benton**	Date:	**8/1/2002**
Investigators:	**SE / ME**	Township:	**12S** Range: **5W**	Section:	**10**

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

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

SOILS **Mapped Series:** Conser silty clay loam **Hydric Soil?:** Yes

Classification: Typic Argiaquolls **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-6	7.5YR 3/2	SL				
6-14	7.5YR 3/2	SL	7.5YR 6/8	few, medium, E46faint		

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

Criteria Met: Yes

VEGETATION

Tree Stratum (0%)	Status	% Cover

Shrub Stratum (0%)	Status	% Cover

Herbaceous Stratum (100%)	Status	% Cover
*Holcus lanatus**	FAC	45
*Lotus purshiana**	UPL	35
Daucus carota	UPL	7
Cirsium arvense	FACU+	8
Lactuca serriola	FACU	5

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:	**Natural Resources Inventory**	Number:	**2613**	Sample Site	**212**
Applicant:	**City of Corvallis**	County:	**Benton**	Date:	**8/1/2002**
Investigators:	**SE / ME**	Township:	**12S** Range: **5W**	Section:	**10**

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

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

SOILS

Mapped Series: Conser silty clay loam **Hydric Soil?:** Yes

Classification: Typic Argiaquolls **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-14	10YR 3/1	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

Shrub Stratum (5%)	Status	% Cover
*Fraxinus latifolia**	FACW	100

Herbaceous Stratum (95%)	Status	% Cover
Mentha arvensis	FACW-	5
*Phalaris arundinacea**	FACW	65
Epilobium watsonii	FACW-	15
Rumex crispus	FAC+	5
Anthemis cotula	FACU	5
Lactuca serriola	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:	**Natural Resources Inventory**	Number:	**2613**	Sample Site	**213**
Applicant:	**City of Corvallis**	County:	**Benton**	Date:	**9/18/2002**
Investigators:	**SE / ME**	Township:	**12S** Range: **5W**	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

		Primary Indicators	Secondary Indicators
		Inundated	**Ox. rhizospheres** **Yes**
		Sat. in Upper 12"	**H20-stained leaves**
Depth of Surf. H2O	**Inches**	**Water Marks**	**Local Soil Survey**
Depth to Free H20	**Inches**	**Drift Lines**	**FAC Neutral Test**
Depth to Saturation	**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 Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-9	2.5YR 3/2	SL				
9-12	2.5YR 3/2	SL	10 YR 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

Shrub Stratum (3%)	Status	% Cover
*Alnus rubra**	**FAC**	**100**

Herbaceous Stratum (97%)		Status	% Cover
Fraxinus latifolia	seedlings	**FACW**	**3**
*Holcus lanatus**		**FAC**	**35**
*Agrostis tenuis**		**FAC**	**30**
Trifolium pratense		**FACU**	**7**
*Festuca arundinacea**		**FAC-**	**22**
Plantago lanceolata		**FAC**	**3**

Woody Vine Stratum (0%)	Status	% Cover

***Percent of dominant species FAC, FACW, or OBL:** **75%** **Criteria Met:** **Yes**

Comments: In backyard of property owners on Crystal Lake Road.

Determination: **Wetland**

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	**Natural Resources Inventory**	Number:	**2613**	Sample Site	**214**
Applicant:	**City of Corvallis**	County:	**Benton**	Date:	**9/18/2002**
Investigators:	**SE / ME**	Township:	**12S** Range: **5W**	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

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

SOILS **Mapped Series:** Dayton silt loam **Hydric Soil?:** Yes

Classification: Typic Albaqualfs **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-14	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 (10%)	Status	% Cover
*Crataegus douglasii**	FAC	50
*Pseudotsuga menziesii**	FACU	50

Shrub Stratum (0%)	Status	% Cover

Herbaceous Stratum (90%)	Status	% Cover
*Festuca arundinacea**	FAC-	30
*Daucus carota**	UPL	20
*Agrostis tenuis**	FAC	35
Hypochaeris radicata	FACU	2
Centaurium umbellatum	FAC	3
Holcus lanatus	FAC	10

Woody Vine Stratum (0%)	Status	% Cover

***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:	**Natural Resources Inventory**	Number:	**2613**	Sample Site	**215**
Applicant:	**City of Corvallis**	County:	**Benton**	Date:	**8/1/2002**
Investigators:	**SE / ME**	Township:	**12S** Range: **5W**	Section:	**10**

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

Is this an Atypical Situation? **No**

HYDROLOGY

			Primary Indicators		Secondary Indicators
			Inundated		**Ox. rhizospheres**
			Sat. in Upper 12"		**H20-stained leaves**
Depth of Surf. H2O		**Inches**	**Water Marks**		**Local Soil Survey**
Depth to Free H20	**>14**	**Inches**	**Drift Lines**		**FAC Neutral Test**
Depth to Saturation	**>14**	**Inches**	**Sediment Deposits**		**Other** _____
			Drainage patterns	**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 Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-14	7.5YR 3/2	SL	7.5YR 6/8	common, medium, distinct		

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

Criteria Met: **Yes**

VEGETATION

Tree Stratum (0%)	Status	% Cover

Shrub Stratum (0%)	Status	% Cover

Herbaceous Stratum (100%)	Status	% Cover
Lotus purshiana	UPL	2
*Centaurium umbellatum**	FAC	30
*Deschampsia cespitosa**	FACW	33
*Epilobium brachycarpum**	UPL	20
Rumex crispus	FAC+	5
Chrysanthemum leucanthemum	UPL	5
Madia glomerata	FACU+	3
Daucus carota	UPL	2

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:	**Natural Resources Inventory**	Number:	**2613**	Sample Site	**216**
Applicant:	**City of Corvallis**	County:	**Benton**	Date:	**8/1/2002**
Investigators:	**SE / ME**	Township:	**12S** Range: **5W**	Section:	**10**

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

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

SOILS **Mapped Series:** Malabon silty clay loam **Hydric Soil?:** No

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

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

Shrub Stratum **(0%)**	**Status**	**% Cover**

Herbaceous Stratum **(100%)**	**Status**	**% Cover**
*Festuca rubra**	**FAC+**	**30**
*Holcus lanatus**	**FAC**	**20**
Deschampsia cespitosa	**FACW**	**13**
Phalaris arundinacea	**FACW**	**5**
*Centaurium umbellatum**	**FAC**	**20**
Madia glomerata	**FACU+**	**10**
Epilobium paniculatum	**UPL**	**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:	Natural Resources Inventory	Number:	2613	Sample Site	217
Applicant:	City of Corvallis	County:	Benton	Date:	8/1/2002
Investigators:	SE / ME	Township:	12S Range: 5W	Section:	10

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

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

SOILS **Mapped Series:** Coburg silty clay loam **Hydric Soil?:** No

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

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

Shrub Stratum (0%)	Status	% Cover

Herbaceous Stratum (90%)	Status	% Cover
*Daucus carota**	UPL	40
Cirsium arvense	FACU+	10
*Epilobium brachycarpum**	UPL	35
Chrysanthemum leucanthemum	UPL	5
Lotus purshiana	UPL	5
Hypericum perforatum	UPL	5

Woody Vine Stratum (10%)	Status	% Cover
*Rubus discolor**	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:	**Natural Resources Inventory**	Number:	**2613**	Sample Site	**218**
Applicant:	**City of Corvallis**	County:	**Benton**	Date:	**8/1/2002**
Investigators:	**SE / ME**	Township:	**12S** Range: **5W**	Section:	**10**

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

Is this an Atypical Situation? **No**

HYDROLOGY

			Primary Indicators	Secondary Indicators
			Inundated	**Ox. rhizospheres**
			Sat. in Upper 12"	**H20-stained leaves**
Depth of Surf. H2O		**Inches**	**Water Marks**	**Local Soil Survey**
Depth to Free H20	**>16**	**Inches**	**Drift Lines**	**FAC Neutral Test**
Depth to Saturation	**>16**	**Inches**	**Sediment Deposits**	**Other** _____
			Drainage patterns **Yes**	**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 Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-16	7.5YR 3/2	SL	7.5YR 6/8	common, medium, distinct		

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

Criteria Met: Yes

VEGETATION

Tree Stratum (0%)	Status	% Cover	Herbaceous Stratum (100%)	Status	% Cover
			*Lotus purshiana**	**UPL**	**35**
			*Centaurium umbellatum**	**FAC**	**30**
			*Deschampsia cespitosa**	**FACW**	**25**
			Rumex crispus	**FAC+**	**7**
			Fraxinus latifolia sapling	**FACW**	**3**
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:	Natural Resources Inventory	Number:	2613	Sample Site	219
Applicant:	City of Corvallis	County:	Benton	Date:	9/18/2002
Investigators:	SE / ME	Township:	12S	Range: 5W	Section: 14

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

Is this an Atypical Situation? **No**

HYDROLOGY

		Primary Indicators	Secondary Indicators	
		Inundated	Ox. rhizospheres	Yes
		Sat. in Upper 12"	H20-stained leaves	
Depth of Surf. H2O	Inches	Water Marks	Local Soil Survey	
Depth to Free H20	Inches	Drift Lines	FAC Neutral Test	
Depth to Saturation	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 Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-13	10YR 3/2	SL	10 YR 3/4	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 (8%)	Status	% Cover	Herbaceous Stratum (72%)	Status	% Cover
*Populus trichocarpa**	FAC	100	*Holcus lanatus**	FAC	85
			Festuca arundinacea	FAC-	15
Shrub Stratum (20%)	**Status**	**% Cover**			
*Crataegus douglasii**	FAC	85			
Salix hookeriana	FACW-	15	**Woody Vine Stratum (0%)**	**Status**	**% Cover**

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

Comments: Taken in pasture east of Rivergreen/99W.

Determination: Wetland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	**Natural Resources Inventory**	Number:	**2613**	Sample Site	**220**
Applicant:	**City of Corvallis**	County:	**Benton**	Date:	**9/18/2002**
Investigators:	**SE / ME**	Township:	**12S** Range: **5W**	Section:	**14**

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

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

SOILS **Mapped Series:** Dayton silt loam **Hydric Soil?:** Yes

Classification: Typic Albaqualfs **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-15	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**

Shrub Stratum (0%)	**Status**	**% Cover**

Herbaceous Stratum (40%)	**Status**	**% Cover**
*Festuca arundinacea**	**FAC-**	**75**
Hypericum perforatum	**UPL**	**3**
Daucus carota	**UPL**	**5**
Agrostis tenuis	**FAC**	**10**
Holcus lanatus	**FAC**	**12**

Woody Vine Stratum (60%)	**Status**	**% Cover**
*Rubus discolor**	**FACU**	**100**

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

Comments: Taken in pasture east of Rivergreen/99W.

Determination: Upland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	Natural Resources Inventory	Number:	2613	Sample Site	221
Applicant:	City of Corvallis	County:	Benton	Date:	9/18/2002
Investigators:	SE / ME	Township:	12S	Range: 5W	Section: 14

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

Is this an Atypical Situation? **No**

HYDROLOGY

		Primary Indicators	Secondary Indicators	
		Inundated	Ox. rhizospheres	Yes
		Sat. in Upper 12"	H20-stained leaves	
Depth of Surf. H2O	Inches	Water Marks	Local Soil Survey	
Depth to Free H20	Inches	Drift Lines	FAC Neutral Test	
Depth to Saturation	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 Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-7	10 YR 3/2	SL	10 YR 3/4	common, medium, distinct		
7-11	10 YR 4/1	SL	10 YR 3/6	common, fine, distinct		
11-14	10YR 4/1	SL				

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

Criteria Met: Yes

VEGETATION

Tree Stratum (0%)	Status	% Cover	Herbaceous Stratum (95%)	Status	% Cover
			Rumex crispus	FAC+	4
			Beckmannia syzigachne	OBL	4
			*Festuca arundinacea**	FAC-	30
			*Agrostis tenuis**	FAC	30
			*Holcus lanatus**	FAC	30
			Alopecurus pratensis	FACW	2
Shrub Stratum (5%)	**Status**	**% Cover**			
*Crataegus douglasii**	FAC	100			
			Woody Vine Stratum (0%)	**Status**	**% Cover**

***Percent of dominant species FAC, FACW, or OBL:** 75% **Criteria Met:** Yes

Comments: Taken in pasture east of Rivergreen/99W.

Determination: Wetland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	Natural Resources Inventory	Number:	2613	Sample Site	223
Applicant:	City of Corvallis	County:	Benton	Date:	9/17/2002
Investigators:	CR / LW	Township:	12S Range: 5W	Section:	22

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

Is this an Atypical Situation? **No**

HYDROLOGY

Depth of Surf. H2O		**Inches**
Depth to Free H20	**>9**	**Inches**
Depth to Saturation	**>9**	**Inches**

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

SOILS **Mapped Series:** Dayton silt loam **Hydric Soil?:** Yes

Classification: Typic Albaqualfs **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-9	10YR 4/2	SC	7.5YR 4/6	common, medium, distinct		Refused at 9 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: **Yes**

VEGETATION

Tree Stratum (0%)	Status	% Cover

Shrub Stratum (0%)	Status	% Cover

Herbaceous Stratum (100%)	Status	% Cover
*Holcus lanatus**	FAC	20
*Agrostis tenuis**	FAC	30
Festuca arundinacea	FAC-	5
*Deschampsia cespitosa**	FACW	30
Hypochaeris radicata	FACU	5
Rumex salicifolius	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:	**Natural Resources Inventory**	Number:	**2613**	Sample Site	**224**
Applicant:	**City of Corvallis**	County:	**Benton**	Date:	**8/2/2002**
Investigators:	**SE / ME**	Township:	**12S** Range:	**5W** Section:	**27**

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

Is this an Atypical Situation? **No**

HYDROLOGY

		Primary Indicators		Secondary Indicators	
		Inundated		**Ox. rhizospheres**	
		Sat. in Upper 12"		**H20-stained leaves**	
Depth of Surf. H2O	**Inches**	**Water Marks**	**Yes**	**Local Soil Survey**	
Depth to Free H20	**Inches**	**Drift Lines**		**FAC Neutral Test**	
Depth to Saturation	**Inches**	**Sediment Deposits**		**Other** ____ swale	Yes
		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 Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-6	10 YR 3/1	SL				
6-12+	2.5 YR 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
			*Echinochloa crusgalli**	FACW	87
			*Cirsium arvense**	FACU+	3
			Plantago major	FACU+	5
			Lolium perenne	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: Agricultural field

Determination: **Wetland**

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	Natural Resources Inventory	Number:	2613	Sample Site	225
Applicant:	City of Corvallis	County:	Benton	Date:	9/17/2002
Investigators:	CR / LW	Township:	12S	Range: 5W	Section: 22

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

Is this an Atypical Situation? **No**

HYDROLOGY

			Primary Indicators	Secondary Indicators
			Inundated	Ox. rhizospheres
			Sat. in Upper 12"	H20-stained leaves
Depth of Surf. H2O		Inches	Water Marks	Local Soil Survey
Depth to Free H20	>6	Inches	Drift Lines	FAC Neutral Test
Depth to Saturation	>6	Inches	Sediment Deposits	Other _____
			Drainage patterns	Criteria Met: No

SOILS **Mapped Series:** Dayton silt loam **Hydric Soil?:** Yes

Classification: Typic Albaqualfs **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-6	10YR 3/3	SL				Refused at 6 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
			Holcus lanatus	FAC	15
			*Agrostis tenuis**	FAC	60
			Festuca arundinacea	FAC-	10
			Hypochaeris radicata	FACU	15
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: Upland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	**Natural Resources Inventory**	Number:	**2613**	Sample Site	**226**
Applicant:	**City of Corvallis**	County:	**Benton**	Date:	**8/2/2002**
Investigators:	**SE / ME**	Township:	**12S** Range: **5W**	Section:	**27**

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

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

SOILS **Mapped Series:** Willamette silt 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+	10 YR 3/2	SL				

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

Criteria Met: No

VEGETATION

Tree Stratum (0%)	**Status**	**% Cover**	**Herbaceous Stratum (100%)**	**Status**	**% Cover**
			Lolium perenne	**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: Agricultural field

Determination: Upland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	Natural Resources Inventory	Number:	2613	Sample Site	227
Applicant:	City of Corvallis	County:	Benton	Date:	9/17/2002
Investigators:	CR / LW	Township:	12S	Range: 5W	Section: 22

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

Is this an Atypical Situation? **No**

HYDROLOGY

Depth of Surf. H2O		**Inches**
Depth to Free H20	**>9**	**Inches**
Depth to Saturation	**>9**	**Inches**

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

SOILS **Mapped Series:** Dayton silt loam **Hydric Soil?:** Yes

Classification: Typic Albaqualfs **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-9	10YR 4/2	SC	7.5YR 4/6	common, medium, distinct		Refused at 9 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: **Yes**

VEGETATION

Tree Stratum (0%)	Status	% Cover

Shrub Stratum (0%)	Status	% Cover

Herbaceous Stratum (100%)	Status	% Cover
*Holcus lanatus**	FAC	30
*Agrostis tenuis**	FAC	20
Festuca arundinacea	FAC-	15
*Deschampsia cespitosa**	FACW	20
Hypochaeris radicata	FACU	5
Rumex acetosella	FACU+	5
Daucus carota	UPL	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:	**Natural Resources Inventory**	Number:	**2613**	Sample Site	**228**
Applicant:	**City of Corvallis**	County:	**Benton**	Date:	**8/2/2002**
Investigators:	**SE / ME**	Township:	**12S** Range: **5W**	Section:	**27**

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

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

SOILS **Mapped Series:** Dayton silt loam **Hydric Soil?:** Yes

Classification: Typic Albaqualfs **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-5	10 YR 4/1	SL				
5-14	10 YR 4/1	SL	10 YR 4/4	many, fine, distinct		

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

Criteria Met: **Yes**

VEGETATION

Tree Stratum **(0%)**	**Status**	**% Cover**

Shrub Stratum **(0%)**	**Status**	**% Cover**

Herbaceous Stratum **(100%)**	**Status**	**% Cover**
*Festuca arundinacea**	**FAC-**	**80**
Lolium perenne	**FACU**	**5**
Polygonum persicaria	**FACW**	**15**

Woody Vine Stratum **(0%)**	**Status**	**% Cover**

***Percent of dominant species FAC, FACW, or OBL:** **0%** **Criteria Met:** **N/A**

Comments: Agricultural field

Determination: **Wetland**

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	**Natural Resources Inventory**	Number:	**2613**	Sample Site	**229**
Applicant:	**City of Corvallis**	County:	**Benton**	Date:	**9/18/2002**
Investigators:	**SE / ME**	Township:	**12S** Range: **5W**	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

		Primary Indicators	Secondary Indicators	
		Inundated	**Ox. rhizospheres**	**Yes**
		Sat. in Upper 12"	**H20-stained leaves**	
Depth of Surf. H2O	**Inches**	**Water Marks**	**Local Soil Survey**	
Depth to Free H20	**Inches**	**Drift Lines**	**FAC Neutral Test**	
Depth to Saturation	**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 Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-16	10YR 3/2	SL	7.5 YR 5/8	common, medium, distinct		

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

Criteria Met: **Yes**

VEGETATION

Tree Stratum (0%)	Status	% Cover	Herbaceous Stratum (100%)	Status	% Cover
			*Agrostis tenuis**	FAC	25
			*Festuca arundinacea**	FAC-	67
			Rumex obtusifolius	FAC	3
			Alopecurus pratensis	FACW	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: Taken in pasture east of the Standish Avenue/99West intersection.

Determination: **Upland**

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	Natural Resources Inventory	Number:	2613	Sample Site	230
Applicant:	City of Corvallis	County:	Benton	Date:	9/18/2002
Investigators:	SE / ME	Township:	12S	Range: 5W	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

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

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

SOILS **Mapped Series:** Dayton silt loam **Hydric Soil?:** Yes

Classification: Typic Albaqualfs **Drainage Class:** poorly drained

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

Shrub Stratum (0%)	Status	% Cover

Herbaceous Stratum (100%)	Status	% Cover
*Dactylis glomerata**	FACU	30
*Festuca arundinacea**	FAC-	57
Cirsium vulgare	FACU	5
Hypochaeris radicata	FACU	3
Trifolium pratense	FACU	2
Chrysanthemum leucanthemum	UPL	3

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:	Natural Resources Inventory	Number:	2613	Sample Site	231
Applicant:	City of Corvallis	County:	Benton	Date:	8/2/2002
Investigators:	SE / ME	Township:	12S	Range: 5W	Section: 27

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

Is this an Atypical Situation? **No**

HYDROLOGY

			Primary Indicators	Secondary Indicators
			Inundated	Ox. rhizospheres
			Sat. in Upper 12"	H20-stained leaves
Depth of Surf. H2O		Inches	Water Marks	Local Soil Survey
Depth to Free H20	>18	Inches	Drift Lines	FAC Neutral Test
Depth to Saturation	>18	Inches	Sediment Deposits	Other _____
			Drainage patterns	Criteria Met: No

SOILS **Mapped Series:** Dayton silt loam **Hydric Soil?:** Yes

Classification: Typic Albaqualfs **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-10	10 YR 3/2	SL				
10-18	10 YR 3/2	SL	10 YR 3/3	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
			*Festuca arundinacea**	FAC-	100
Shrub Stratum (0%)	**Status**	**% Cover**			
			Woody Vine Stratum (0%)	**Status**	**% Cover**

***Percent of dominant species FAC, FACW, or OBL:** 0% Criteria Met: N/A

Comments: Pit taken in a planted field of Festuca arundinacea.

Determination: Wetland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	Natural Resources Inventory	Number:	2613	Sample Site	232
Applicant:	City of Corvallis	County:	Benton	Date:	8/2/2002
Investigators:	SE / ME	Township:	12S	Range: 5W	Section: 27

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

Is this an Atypical Situation? **No**

HYDROLOGY

		Primary Indicators		Secondary Indicators	
		Inundated		Ox. rhizospheres	Yes
		Sat. in Upper 12"		H20-stained leaves	
Depth of Surf. H2O	Inches	Water Marks	Yes	Local Soil Survey	
Depth to Free H20	Inches	Drift Lines		FAC Neutral Test	
Depth to Saturation	Inches	Sediment Deposits		Other _____	
		Drainage patterns		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 Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-9	10 YR 4/1	SL	10 YR 4/4	common, fine, distinct		

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

Criteria Met: Yes

VEGETATION

Tree Stratum (0%)	Status	% Cover	Herbaceous Stratum (100%)	Status	% Cover
			*Polygonum persicaria**	FACW	45
			*Plantago major**	FACU+	40
			Lolium perenne	FACU	15
Shrub Stratum (0%)	**Status**	**% Cover**			
			Woody Vine Stratum (0%)	**Status**	**% Cover**

*Percent of dominant species FAC, FACW, or OBL: 50% Criteria Met: N/A

Comments: Agricultural field

Determination: Wetland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	Natural Resources Inventory	Number:	2613	Sample Site	233
Applicant:	City of Corvallis	County:	Benton	Date:	8/2/2002
Investigators:	SE / ME	Township:	12S	Range: 5W	Section: 27

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

Is this an Atypical Situation? **No**

HYDROLOGY

			Primary Indicators	Secondary Indicators	
			Inundated	Ox. rhizospheres	Yes
			Sat. in Upper 12"	H20-stained leaves	
Depth of Surf. H2O		Inches	Water Marks	Local Soil Survey	Yes
Depth to Free H20	>15	Inches	Drift Lines	FAC Neutral Test	
Depth to Saturation	>15	Inches	Sediment Deposits	Other _____	
			Drainage patterns	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 Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-15	10 YR 4/2	SL	10 YR 5/8	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
			*Agrostis tenuis**	FAC	80
			Festuca arundinacea	FAC-	13
			Hypochaeris radicata	FACU	5
			Lotus purshiana	UPL	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:	Natural Resources Inventory	Number:	2613	Sample Site	234
Applicant:	City of Corvallis	County:	Benton	Date:	8/2/2002
Investigators:	SE / ME	Township:	12S	Range: 5W	Section: 27

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

Is this an Atypical Situation? **No**

HYDROLOGY

		Primary Indicators		Secondary Indicators	
		Inundated		Ox. rhizospheres	Yes
		Sat. in Upper 12"		H20-stained leaves	
Depth of Surf. H2O	Inches	Water Marks	Yes	Local Soil Survey	
Depth to Free H20	Inches	Drift Lines		FAC Neutral Test	
Depth to Saturation	Inches	Sediment Deposits		Other _____	
		Drainage patterns		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 Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-12	10 YR 4/1	SL	10 YR 4/6	many, fine, distinct		

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

Criteria Met: Yes

VEGETATION

Tree Stratum (0%)	Status	% Cover	Herbaceous Stratum (100%)	Status	% Cover
			*Deschampsia cespitosa**	FACW	20
			*Holcus lanatus**	FAC	35
			Cirsium vulgare	FACU	10
			*Epilobium ciliatum**	FACW-	20
			Agrostis stolonifera	FAC	15
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:	**Natural Resources Inventory**	Number:	**2613**	Sample Site	**235**
Applicant:	**City of Corvallis**	County:	**Benton**	Date:	**8/2/2002**
Investigators:	**SE / ME**	Township:	**12S** Range: **5W**	Section:	**27**

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

Is this an Atypical Situation? **No**

HYDROLOGY		**Primary Indicators**		**Secondary Indicators**	
		Inundated		**Ox. rhizospheres**	**Yes**
		Sat. in Upper 12"		**H20-stained leaves**	
Depth of Surf. H2O	**Inches**	**Water Marks**	**Yes**	**Local Soil Survey**	
Depth to Free H20	**Inches**	**Drift Lines**		**FAC Neutral Test**	
Depth to Saturation	**Inches**	**Sediment Deposits**		**Other** ____ depression	Yes
		Drainage patterns		**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 Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-5	10 YR 4/2	SCL	10 YR 4/6	many, medium, distinct		
5-16+	10 YR 4/2	SC	10 YR 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** (85%)	**Status**	**% Cover**
			Lemna minor	**OBL**	**20**
			*Phalaris arundinacea**	**FACW**	**80**
Shrub Stratum (15%)	**Status**	**% Cover**			
*Salix hookeriana**	**FACW-**	**100**			
			Woody Vine Stratum (0%)	**Status**	**% Cover**

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

Comments: Depression adjacent to agricultural fields

Determination: **Wetland**

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	Natural Resources Inventory	Number:	2613	Sample Site	236
Applicant:	City of Corvallis	County:	Benton	Date:	8/2/2002
Investigators:	SE / ME	Township:	12S	Range: 5W	Section: 27

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

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

SOILS **Mapped Series:** Dayton silt loam **Hydric Soil?:** Yes

Classification: Typic Albaqualfs **Drainage Class:** poorly drained

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

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

Criteria Met: No

VEGETATION

Tree Stratum (0%)	Status	% Cover

Shrub Stratum (5%)	Status	% Cover
*Crataegus douglasii**	FAC	100

Herbaceous Stratum (90%)	Status	% Cover
*Hypochaeris radicata**	FACU	25
Fragaria chiloensis	UPL	15
Daucus carota	UPL	15
*Agrostis tenuis**	FAC	45

Woody Vine Stratum (5%)	Status	% Cover
Rubus discolor	FACU	100

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

Comments: Area was mowed.

Determination: Upland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	Natural Resources Inventory	Number:	2613	Sample Site	237
Applicant:	City of Corvallis	County:	Benton	Date:	11/4/2002
Investigators:	SE / ME	Township:	12S	Range: 5W	Section: 27

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

Is this an Atypical Situation? **No**

HYDROLOGY

			Primary Indicators		Secondary Indicators
			Inundated		Ox. rhizospheres
			Sat. in Upper 12"		H20-stained leaves
Depth of Surf. H2O		Inches	Water Marks		Local Soil Survey
Depth to Free H20	>13	Inches	Drift Lines		FAC Neutral Test
Depth to Saturation	>13	Inches	Sediment Deposits	Yes	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 Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-10	10YR 3/2	SL	10YR 3/6	few, medium, distinct		
10-13	2.5Y 3/2	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
			*Eleocharis ovata**	OBL	35
			Lolium perenne	FACU	15
			*Agrostis stolonifera**	FAC	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:

Determination: Wetland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	**Natural Resources Inventory**	Number:	**2613**	Sample Site	**238**
Applicant:	**City of Corvallis**	County:	**Benton**	Date:	**11/4/2002**
Investigators:	**SE / ME**	Township:	**12S** Range: **5W**	Section:	**27**

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

SOILS **Mapped Series:** Dayton silt loam **Hydric Soil?:** Yes

Classification: Typic Albaqualfs **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-11	10YR 4/1	SL	10YR 3/3	common, fine, distinct		
11-14	10YR 4/1	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
			*Festuca arundinacea**	FAC-	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:

Determination: Upland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	Natural Resources Inventory	Number:	2613	Sample Site	239
Applicant:	City of Corvallis	County:	Benton	Date:	11/4/2002
Investigators:	SE / ME	Township:	12S	Range: 5W	Section: 27

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

SOILS **Mapped Series:** Dayton silt loam **Hydric Soil?:** Yes

Classification: Typic Albaqualfs **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-16	10YR 4/1	SL	10YR 5/6	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%)	Status	% Cover
			*Phalaris arundinacea**	FACW	90
			Panicum occidentale	FACW	5
			Echinochloa crusgalli	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:	Natural Resources Inventory	Number:	2613	Sample Site	240
Applicant:	City of Corvallis	County:	Benton	Date:	11/4/2002
Investigators:	SE / ME	Township:	12S	Range: 5W	Section: 27

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

SOILS **Mapped Series:** Coburg silty clay loam **Hydric Soil?:** No

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

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

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

Criteria Met: Yes

VEGETATION

Tree Stratum (0%)	Status	% Cover	Herbaceous Stratum (100%)	Status	% Cover
			*Festuca arundinacea**	FAC-	85
			Lolium perenne	FACU	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:

Determination: Upland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	**Natural Resources Inventory**	Number:	**2613**	Sample Site	**241**
Applicant:	**City of Corvallis**	County:	**Benton**	Date:	**11/6/2002**
Investigators:	**SE / ME**	Township:	**12S** Range: **5W**	Section:	**27**

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

SOILS **Mapped Series:** Dayton silt loam **Hydric Soil?:** Yes

Classification: Typic Albaqualfs **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-13	10YR 4/1	SL	10YR 4/6	many, medium, distinct		
13-16	10YR 4/1	C	10YR 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

Shrub Stratum (0%)	Status	% Cover

Herbaceous Stratum (100%)	Status	% Cover
*Plantago major**	FACU+	30
Festuca arundinacea	FAC-	10
Tanacetum vulgare	NI	2
*Polygonum sp. **	FAC to FACW	30
*Paspalum distichum**	FACW	25
Agrostis tenuis	FAC	3

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:	**Natural Resources Inventory**	Number:	**2613**	Sample Site	**242**
Applicant:	**City of Corvallis**	County:	**Benton**	Date:	**11/4/2002**
Investigators:	**SE / ME**	Township:	**12S** Range: **5W**	Section:	**27**

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

Is this an Atypical Situation? **No**

HYDROLOGY

			Primary Indicators		Secondary Indicators
			Inundated		**Ox. rhizospheres**
			Sat. in Upper 12"		**H20-stained leaves**
Depth of Surf. H2O		**Inches**	**Water Marks**		**Local Soil Survey**
Depth to Free H20	**>13**	**Inches**	**Drift Lines**		**FAC Neutral Test**
Depth to Saturation	**>13**	**Inches**	**Sediment Deposits**	**Yes**	**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 Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-8	10YR 3/1	SL	10YR 3/6	many, medium, distinct		
8-13	10YR 3/1	SL	10YR 3/4	common, fine, distinct		

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

Criteria Met: Yes

VEGETATION

Tree Stratum (0%)	Status	% Cover	Herbaceous Stratum (100%)	Status	% Cover
			*Echinochloa crusgalli**	**FACW**	**60**
			Panicum occidentale	**FACW**	**15**
			Festuca arundinacea	**FAC-**	**15**
			Solanum nigrum	**FACU**	**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:	**Natural Resources Inventory**	Number:	**2613**	Sample Site	**243**
Applicant:	**City of Corvallis**	County:	**Benton**	Date:	**11/6/2002**
Investigators:	**SE / ME**	Township:	**12S** Range: **5W**	Section:	**27**

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

Is this an Atypical Situation? **No**

HYDROLOGY

			Primary Indicators	Secondary Indicators
			Inundated	**Ox. rhizospheres**
			Sat. in Upper 12"	**H20-stained leaves**
Depth of Surf. H2O		**Inches**	**Water Marks**	**Local Soil Survey**
Depth to Free H20	**>12**	**Inches**	**Drift Lines**	**FAC Neutral Test**
Depth to Saturation	**>12**	**Inches**	**Sediment Deposits**	**Other** _____
			Drainage patterns **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 Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-12	2.5Y 3/2	SL	10YR 3/6	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
			Kickxia elatine	UPL	6
			*Festuca arundinacea**	FAC-	85
			Plantago major	FACU+	5
			Daucus carota	UPL	4
Shrub Stratum (0%)	**Status**	**% Cover**			
			Woody Vine Stratum (0%)	**Status**	**% Cover**

***Percent of dominant species FAC, FACW, or OBL:** **0%** **Criteria Met: N/A**

Comments: Agricultural field within airport.

Determination: Wetland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	Natural Resources Inventory	Number:	2613	Sample Site	244
Applicant:	City of Corvallis	County:	Benton	Date:	11/4/2002
Investigators:	SE / ME	Township:	12S	Range: 5W	Section: 27

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

Is this an Atypical Situation? **No**

HYDROLOGY

			Primary Indicators	Secondary Indicators
			Inundated	Ox. rhizospheres
			Sat. in Upper 12"	H20-stained leaves
Depth of Surf. H2O		Inches	Water Marks	Local Soil Survey
Depth to Free H20	>13	Inches	Drift Lines	FAC Neutral Test
Depth to Saturation	>13	Inches	Sediment Deposits	Other _____
			Drainage patterns	Criteria Met: No

SOILS **Mapped Series:** Dayton silt loam **Hydric Soil?:** Yes

Classification: Typic Albaqualfs **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-13	10YR 4/2	L				gravelly

*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
			*Daucus carota**	UPL	50
			Festuca arundinacea	FAC-	5
			*Conium maculatum**	FAC+	45
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:	Natural Resources Inventory	Number:	2613	Sample Site	245
Applicant:	City of Corvallis	County:	Benton	Date:	11/4/2002
Investigators:	SE / ME	Township:	12S	Range: 5W	Section: 27

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

SOILS **Mapped Series:** Dayton silt loam **Hydric Soil?:** Yes

Classification: Typic Albaqualfs **Drainage Class:** poorly drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-13	10YR 4/2	SL	10YR 4/6 & 10YR 3/4 (common, fine , faint)			
13-16	10YR 4/1	CL	10YR 4/6 & 10YR 3/4 (common, fine , faint)			

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

Criteria Met: Yes

VEGETATION

Tree Stratum (0%)	Status	% Cover	Herbaceous Stratum (100%)	Status	% Cover
			*Lolium perenne**	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:

Determination: Upland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	Natural Resources Inventory	Number:	2613	Sample Site	246
Applicant:	City of Corvallis	County:	Benton	Date:	11/6/2002
Investigators:	SE / ME	Township:	12S	Range: 5W	Section: 27

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

Is this an Atypical Situation? **No**

HYDROLOGY

			Primary Indicators		Secondary Indicators
			Inundated		Ox. rhizospheres
			Sat. in Upper 12"		H20-stained leaves
Depth of Surf. H2O		Inches	Water Marks		Local Soil Survey
Depth to Free H20	>14	Inches	Drift Lines		FAC Neutral Test
Depth to Saturation	>14	Inches	Sediment Deposits	Yes	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 Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-4	10YR 3/2	SL				
4-8	2.5Y 4/2	SL	10YR 4/6	common, medium, distinct		
8-11	2.5Y 5/2	SL				
11-14	2.5Y 5/2	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: No

VEGETATION

Tree Stratum (0%)	Status	% Cover	Herbaceous Stratum (95%)	Status	% Cover
			*Paspalum distichum**	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: Many bare areas with no vegetation in the vicinity.

Determination: Upland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	Natural Resources Inventory	Number:	2613	Sample Site	247
Applicant:	City of Corvallis	County:	Benton	Date:	6/6/2002
Investigators:	SE / LW	Township:	11S Range: 5W	Section:	20

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

Is this an Atypical Situation? **No**

HYDROLOGY

			Primary Indicators		Secondary Indicators
			Inundated		Ox. rhizospheres
			Sat. in Upper 12"	Yes	H20-stained leaves
Depth of Surf. H2O		Inches	Water Marks		Local Soil Survey
Depth to Free H20	>14	Inches	Drift Lines		FAC Neutral Test
Depth to Saturation	>14	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 Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-14	2.5Y 2.5/1	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
			*Juncus ensifolius**	FACW	22
			*Juncus tenuis**	FACW-	20
			Carex unilateralis	FACW	6
			Carex densa	OBL	12
			*Festuca arundinacea**	FAC-	22
			Carex feta	FACW	12
Shrub Stratum (2%)	**Status**	**% Cover**	*Alopecurus pratensis*	FACW	2
			Juncus balticus	FACW+	2
			Woody Vine Stratum (0%)	**Status**	**% Cover**

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

Comments: In mosaic areas, saplings/shrubs on topographically raised areas

Determination: Wetland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	Natural Resources Inventory		Number: 2613	Sample Site	248
Applicant:	City of Corvallis	County:	Benton	Date:	6/6/2002
Investigators:	SE / LW	Township:	Range:	Section:	

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

SOILS Mapped Series: Hydric Soil?: #N/A

Classification: #N/A Drainage Class: #N/A

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-12	10YR 2/1	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

Shrub Stratum (0%)	Status	% Cover

Herbaceous Stratum (100%)	Status	% Cover
*Festuca arundinacea**	FAC-	25
Chrysanthemum leucanthemum	UPL	15
Holcus lanatus	FAC	15
Juncus tenuis	FACW-	10
Carex densa	OBL	10
Carex tumulicola	FACU	5
Carex athrostachya	FACW	15
Poa palustris	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:	Natural Resources Inventory	Number:	2613	Sample Site	249
Applicant:	City of Corvallis	County:	Benton	Date:	9/18/2002
Investigators:	SE / ME	Township:	12S	Range: 5W	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

			Primary Indicators		Secondary Indicators
			Inundated		Ox. rhizospheres
			Sat. in Upper 12"	Yes	H20-stained leaves
Depth of Surf. H2O		Inches	Water Marks		Local Soil Survey
Depth to Free H20	9	Inches	Drift Lines		FAC Neutral Test
Depth to Saturation	0	Inches	Sediment Deposits		Other _____
			Drainage patterns	Yes	Criteria Met: Yes

SOILS **Mapped Series:** Woodburn silt loam **Hydric Soil?:** No

Classification: Aquultic Argixerolls **Drainage Class:** moderately well drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-14	10YR 3/1	SDL	10YR 3/6	common, coarase, prominent		
5-14	2.5Y 2/5/1	SDL				

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

Criteria Met: Yes

VEGETATION

Tree Stratum (10%)	Status	% Cover
*Fraxinus latifolia**	FACW	100

Shrub Stratum (5%)	Status	% Cover
*Crataegus douglasii**	FAC	100

Herbaceous Stratum (85%)	Status	% Cover
*Bidens frondosa**	FACW+	23
*Polygonum hydropiper**	OBL	22
*Scutellaria lateriflora**	FACW+	35
Impatiens noli-tangere	FACW	5
Lycopus uniflorus	OBL	8
Solanum dulcamara	FAC+	2
Glyceria occidentalis	OBL	5

Woody Vine Stratum (0%)	Status	% Cover

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

Comments: Taken in Witmer's backyard, upslope from the Booneville Slough.

Determination: Wetland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	**Natural Resources Inventory**	Number:	**2613**	Sample Site	**250**
Applicant:	**City of Corvallis**	County:	**Benton**	Date:	**9/18/2002**
Investigators:	**SE / ME**	Township:	**12S** Range: **5W**	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

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

SOILS **Mapped Series:** Woodburn silt loam **Hydric Soil?:** No

Classification: Aquultic Argixerolls **Drainage Class:** moderately well drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
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 (10%)	Status	% Cover
*Acer macrophyllum**	**FACU**	**100**

Shrub Stratum (20%)	Status	% Cover
*Symphoricarpos albus**	**FACU**	**75**
Acer macrophyllum	**FACU**	**8**
Oemleria cerasiformis	**FACU**	**12**
Rubus parviflorus	**FAC-**	**5**

Herbaceous Stratum (5%)	Status	% Cover
*Polystichum munitum**	**FACU**	**95**
Carex obnupta	**OBL**	**5**

Woody Vine Stratum (65%)	Status	% Cover
*Hedera helix**	**UPL**	**90**
Rubus ursinus	**FACU**	**10**

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

Comments: Taken in Witmer's backyard, upslope from the Booneville Slough.

Determination: Upland