City of Albany
Local Wetlands Inventory
for the
North Albany Area



Prepared for

City of Albany
Albany, Oregon

Prepared by

Pacific Habitat Services, Inc.
Wilsonville, Oregon
(503) 570-0800

November, 2000

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Local Wetlands Inventory
for the
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Prepared for

Rich Catlin
City of Albany
PO Box 490
Albany, Oregon 97321

Prepared by

Patricia Farrell
Caroline Rim
Fred Small
John van Staveren
Shawn Eisner
Pacific Habitat Services, Inc.
9450 SW Commerce Circle, Suite 180
Wilsonville, Oregon 97070
(503) 570-0800
(503) 570-0855 FAX
PHS Project Number: 1902

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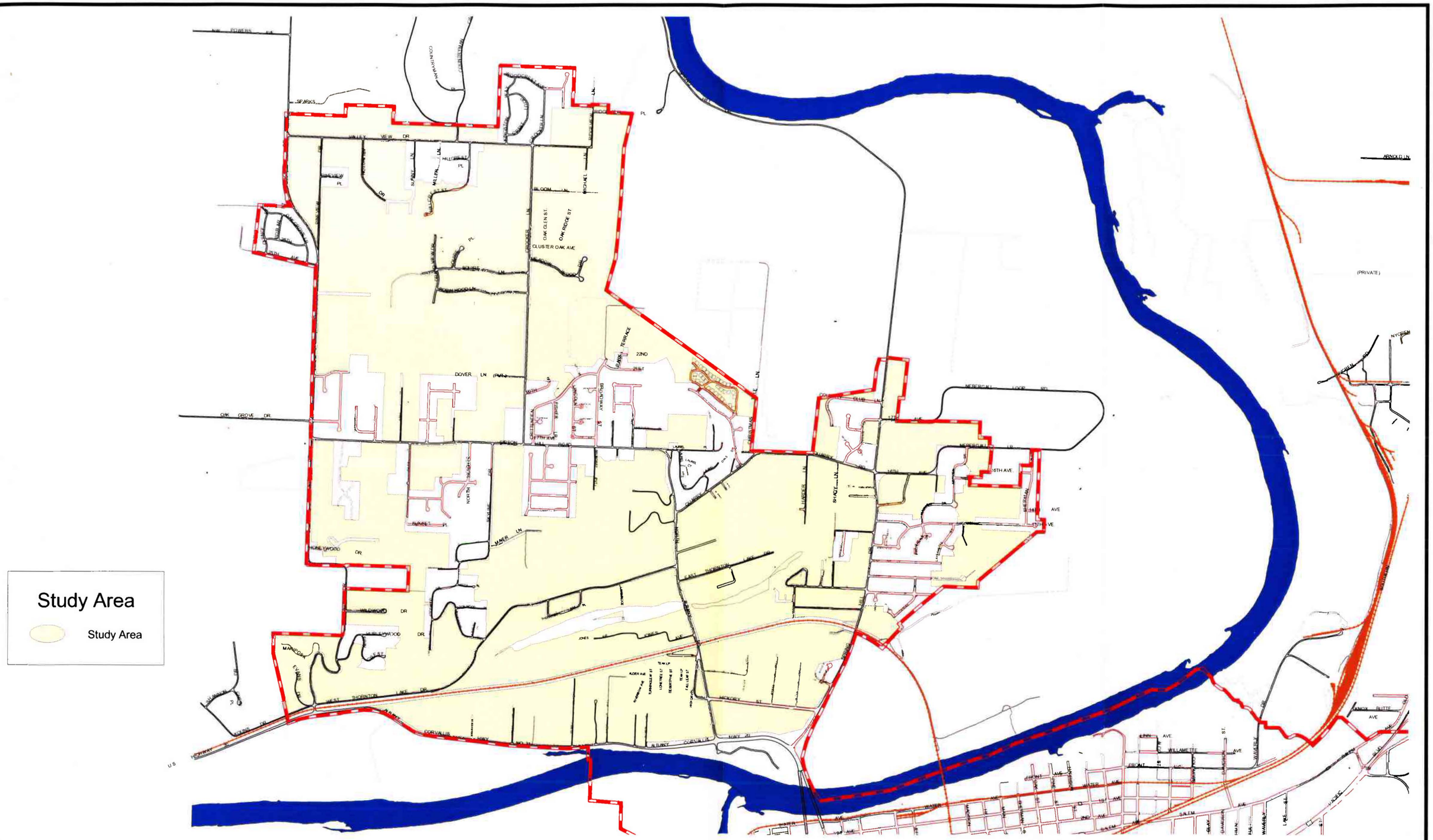
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The City of Albany's infrastructure records, drawings, and other documents have been gathered over many decades, using differing standards for quality control, documentation, and verification. All the information provided represents current information in a readily available format. While the information provided is generally believed to be accurate, occasionally this information proves to be incorrect, and thus its accuracy is not warranted. Prior to making any property purchases or other investments based in full or in part upon the information provided, it is specifically advised that you independently field verify the information contained within our records.

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1.0 INTRODUCTION

The City of Albany (City), through a Wetland Planning Grant from the Oregon Division of State Lands (DSL), hired Pacific Habitat Services, Inc. (PHS) to conduct a Local Wetlands Inventory (LWI) for a 1,761-acre study area within the City's Urban Growth Boundary. The North Albany study area is located west of the Interstate-5 corridor and north of the Willamette River in Benton County (Township 11 South, Range 3 West, Section 6; Township 11 South, Range 4 West, Sections 1 and 2; Township 10 South, Range 3 West Section 31; Township 10 South, Range 4 West, Sections 25, 26, 35, and 36). Figure 1 illustrates the location of the study area.

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

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

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

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

Appendix C is the Oregon Freshwater Wetland Assessment Methodology data and summary for each wetland unit. Each wetland's functions and conditions are assessed according to an established state methodology. The results and rationale are also summarized for each wetland unit. In addition, a determination of significance for each wetland unit is included in Appendix D. Appendix E contains a non-comprehensive listing of plant species encountered within the project area.

2.0 DEFINITIONS

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

1987 Manual

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

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

Goal 5

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

Growing Season

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

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

Hydric Soils

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

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

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

Hydrophytic Vegetation

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

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

Local Wetlands Inventory (LWI)

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

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

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

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

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

Palustrine System (P--)

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

- **Aquatic bed (PAB)**

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

- **Emergent Wetland (PEM)**

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

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

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

- **Forested Wetland (PFO)**

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

Waters of the State

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

Wetland

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

Wetland Assessment

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

Wetland Classification

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

Wetland Condition

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

Wetland Function

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

Wetland Hydrology

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

3.0 PROJECT METHODOLOGY

3.1 Public Involvement

Prior to beginning the inventory, the City of Albany mailed letters to selected landowners who may have wetlands on their property. Landowners who had areas of mapped hydric soils, soils with hydric inclusions, National Wetlands Inventory mapped wetlands, or suspected wetland areas received a notice of permission for site access.

Landowners were requested to mark a box on the access notice, either granting site access, denying site access, or granting access by appointment. If there was no response, individual landowners were contacted directly by either the City or PHS. A parcel-based map of the Urban Growth Boundary of Albany was prepared by the City showing those parcels where access was approved, denied or an appointment was requested. These property boundaries were transferred to the City of Albany's Geographic Information System (GIS) and an orthophoto base map was generated for use by PHS staff during the inventory.

Two public meetings were held during the course of the inventory. The first meeting was held on March 1, 2000, to introduce the project to the residents of Albany. This meeting was held prior to the date required for return of the access request letters to answer any questions affected landowners may have for representatives of the City of Albany, PHS, or DSL.

The second public meeting was held on October 19, 2000, to present the draft results of the wetland inventory to the residents of Albany. Changes made to the maps at the public meeting and verified in the field appear on the draft version of the maps included with this report.

3.2 Local Wetlands Inventory Methodology

3.2.1 Routine Off-site Determination

Prior to beginning field work, off-site mapping was conducted to determine the approximate location of wetland boundaries based on available information. This information included the USGS topographic quadrangles, the Soil Survey of Benton County Area, Oregon (SCS, 1975), the National Wetlands Inventory maps, and 1986 black and white aerial photographs at a scale of 1" = 500'.

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

3.2.2 Routine On-site Determination

Where property access permission had been granted, on-site observation and inspection of soils, vegetation, and hydrology were made using the Routine On-site method of the 1987 manual. Soil pits were excavated up to a depth of approximately 18-inches in selected locations. The soil profiles were examined for hydric soils and wetland hydrology field indicators. A visual percent-cover estimate of the dominant species of the plant community for a maximum 30-foot radius was conducted at each sampling location. Sampling locations were chosen to document a change in the wetland boundary and a particular plant community visible on an aerial photograph. Data was recorded in the field and transferred to computer-generated wetland delineation data sheets in the office.

Field work for the inventory was conducted between April 2000 and October 2000. No wetland boundaries were staked or flagged in the field.

3.3 Wetland Quality Assessment

3.3.1 The Oregon Freshwater Wetland Assessment Methodology

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

Wetland Functions

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

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

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

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

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

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

Wetland Conditions

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

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

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

3.3.2 Wetlands of Special Interest for Protection

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

3.3.3 Field Methodology

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

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

3.3.4 Office Assessment

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

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

Water Quality: Other than Thornton Lake there are no named streams in the study area and none of the streams or waterbodies are listed as water quality limited on the Oregon Department of Environmental Quality 303(d) list (ODEQ, 1996). This information was used in the following questions in OFWAM: Wildlife, question 7; Fish Habitat, question 4; Water Quality, question 6; and Sensitivity to Future Impacts, question 3.

Fish Habitat: There is little fish information for the streams and waterbodies within the North Albany area. Based on a conversation with Gary Galovich, ODFW, there may be native fish tolerant of higher temperatures in Thornton Lake, such as bass, bluegill, sculpin and crappie. It is not likely, however, that there are anadromous fish in any of the streams or Thornton Lake. This information was used to answer questions in the Fish Habitat, question 6.

Floodplains: The City provided a GIS floodplain map for the project area, based on the Federal Emergency Management Agency (FEMA) 100-year floodplain maps. Extensive areas of floodplains are mapped within the southern and eastern portions of the study area. Question 1 in Hydrologic Control was answered based on these maps.

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

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

3.4 Cartography

Orthophotographic copies of 1998 color aerial photographs (1' = 200' scale) were generated by the City and used in the field by PHS. These maps included tax lots, geographic names, access-denied sites, and the project boundary. In addition, a series of 1986 black and white aerial photograph contact prints (1"=500') were used for comparison of certain vegetation and drainage pattern signatures over time.

Preliminary wetland boundaries and data point locations were drawn directly on the 1998 orthophotos and/or the 1986 contact prints in the field. Properties whose owners had denied access were assessed off-site using both series of photos. Following completion of field work the wetland boundaries and sample points were digitized by the City into their GIS system. Additional layers added onto the GIS base map included watershed boundaries, streams, additional geographic names, wetland codes, and sample point locations. There are six watersheds within the study area: Luckiamute River, Bowers Slough, Horseshoe Lake, Thornton Lake, Springhill, and the Willamette River.

Each wetland was assigned a code beginning with the three letter watershed designation and a wetland number (e.g. HRS-1 for Horseshoe Lake, THO-1 for Thornton Lake, etc.). Wetlands that were hydrologically connected but separated by roads or culverts were labeled with a code modifier (e.g. THO-2A, 2B). In addition, wetlands were assigned a code modifier if they differed in character. For instance, if one section of the wetland was agricultural and another section was forested, each section was assigned a code modifier. Agricultural wetlands also received another modifier, a lower case "f' (e.g. BOW-2A, BOW-2Bf). This was done in order to provide a more accurate acreage of agricultural wetlands within the study area, and to allow a separate OFWAM assessment for each different type of wetland. Tax lots with no access (i.e. off-site determinations) were outlined differently on the maps.

In addition to the base map, the City of Albany generated a series of maps including the project boundary (Figure 1), a floodplain map (Figure 2), soils (Figure 3), and the National Wetlands Inventory map (Figure 4).

4.0 STUDY AREA CHARACTERISTICS

4.1 Setting

The study area is located in the northern portion of the City of Albany's Urban Growth Boundary (UGB). The area is mostly residential/rural residential, with small areas devoted to public facilities (e.g. parks, schools), commercial and agricultural.

4.2 Topography

The City of Albany is located in the mid-Willamette Valley, a broad alluvial valley between the Cascade and Coast Ranges. The Willamette River meanders through the Albany area, with relatively level floodplain terraces extending for several miles to the base of foothills both east and west of town. The study area contains East and West Thornton Lakes, and Horseshoe Lake, historic meanders of the Willamette River. Broad lower elevational floodplains are located to the south and east of the lakes in the Willamette River alluvial deposits. North Albany also has two ridges associated with Spring Hill and Gibson Hill.

Elevations range from approximately 500 feet NGVD in the Spring Hill area of North Albany to approximately 194 feet NGVD on the edge of the Willamette River.

4.3 Hydrology

4.3.1 Hydrologic Features of the North Albany Study Area

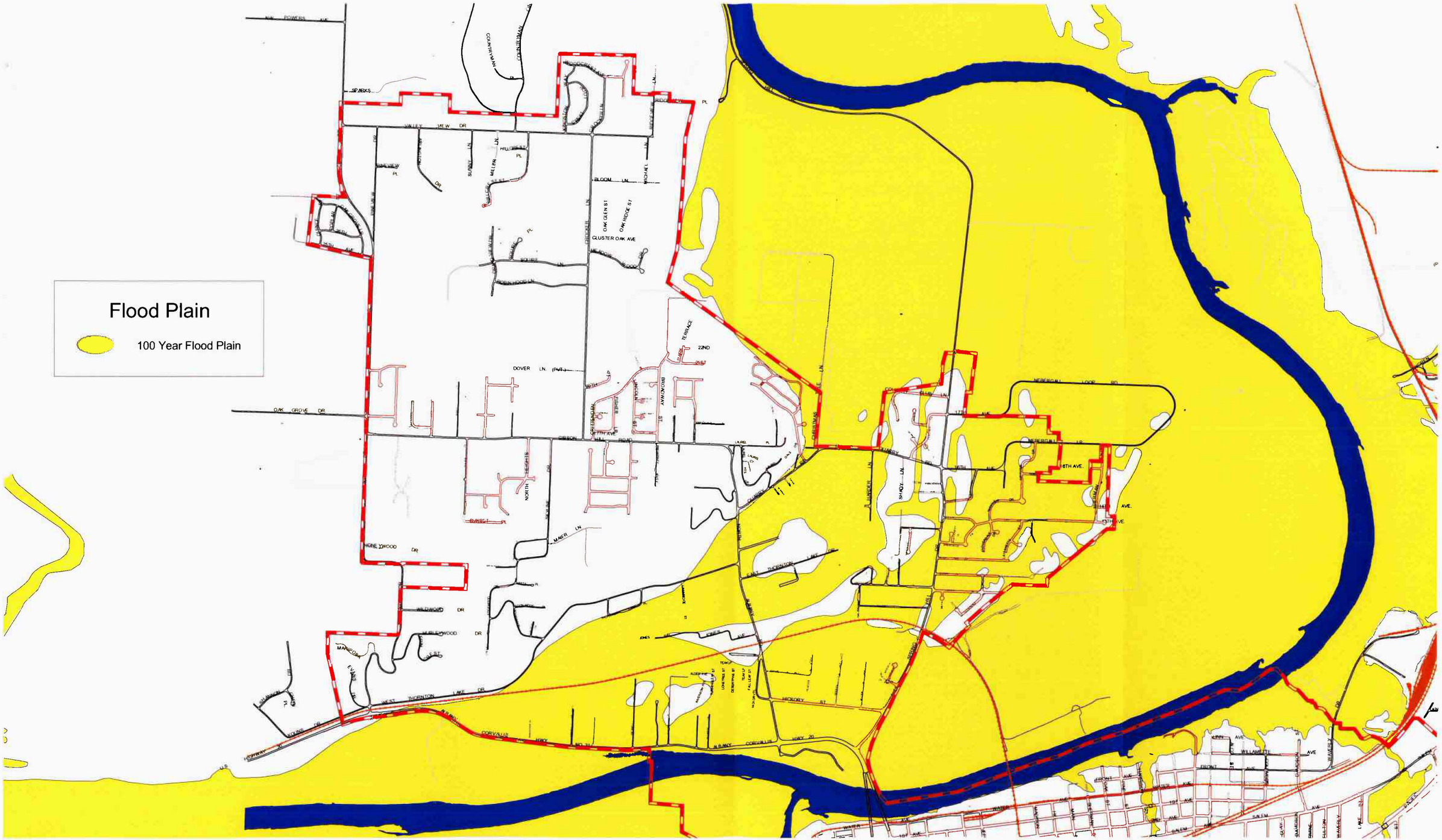
The main hydrologic features of the North Albany area are the Willamette River, Thornton Lake, and Horseshoe Lake. The southern and eastern portions of the study area are located within the floodplain of the Willamette River (Figure 2). Thornton and Horseshoe lakes are historical meanders of the river and are still influenced by river hydrology through groundwater connection. In addition to the three perennial water bodies, the study area contains several intermittent tributaries and seasonal seeps and springs.

4.3.2 Watershed Designation

The study area was divided into six watersheds: Luckiamute River, Bowers Slough, Horseshoe Lake, Thornton Lake, Springhill, and the Willamette River. The watershed boundaries were based on topography and observations of drainage patterns in the field. The watersheds and their sizes are listed in Table 1 below:

Table 1: Watersheds and Acreages for the North Albany LWI

Watershed	Area (acres)
Horseshoe Lake	596.05
Luckiamute River	47.99
Bowers Slough	167.20
Springhill	154.40
Thornton Lakes	673.87
Willamette River	121.47
Total Project Acreage	**1,760.98**



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Figure 2: Flood Plain

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The City of Albany's infrastructure records, drawings, and other documents have been gathered over many decades, using differing standards for quality control, documentation, and verification. All the information provided represents current information in a readily available format. While the information provided is generally believed to be accurate, occasionally this information proves to be incorrect, and thus its accuracy is not warranted. Prior to making any property purchases or other investments based in full or in part upon the information provided, it is specifically advised that you independently field verify the information contained within our records.

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4.3.3 Hydrologic Indicators

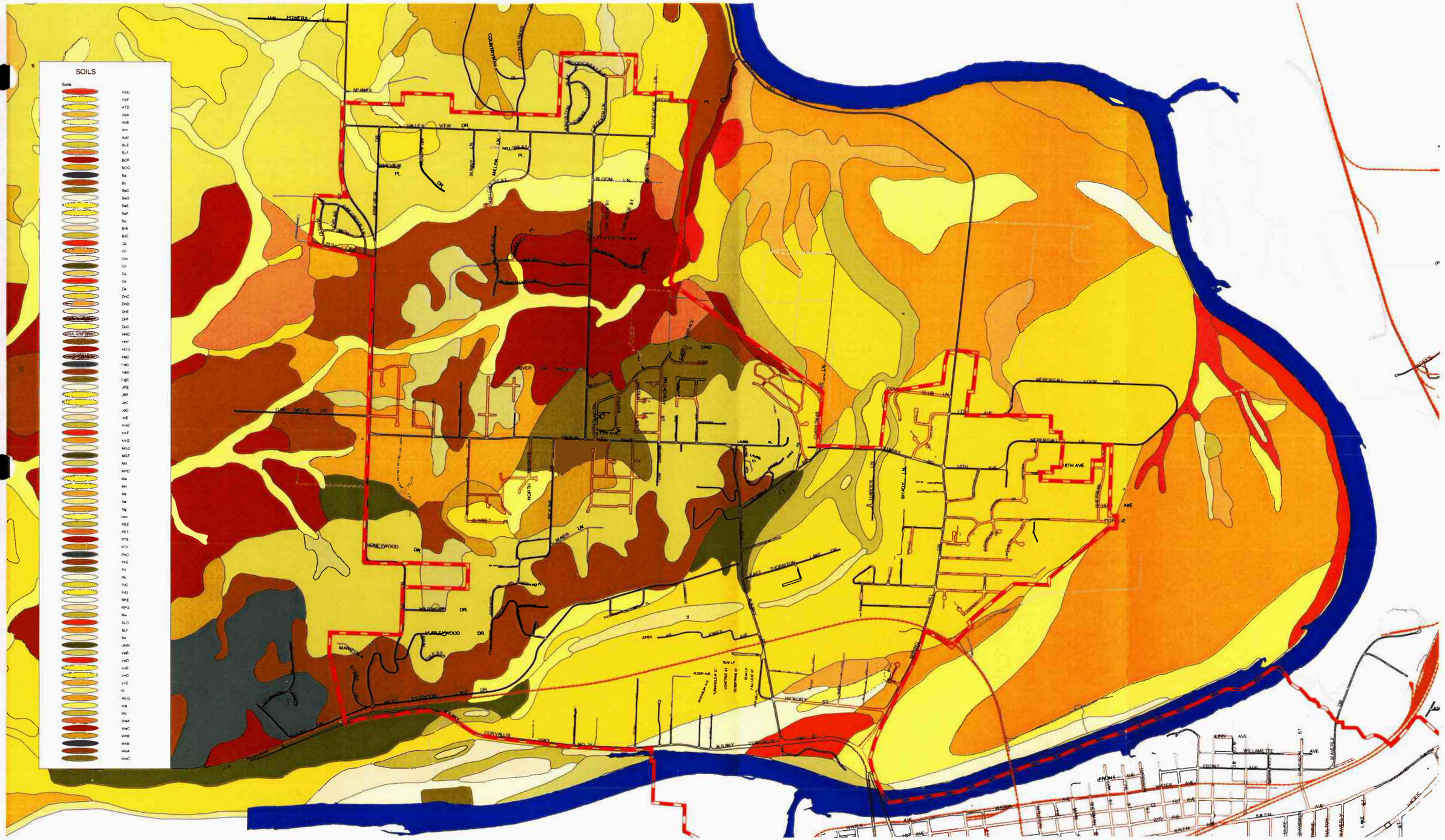
Direct indicators of hydrology observed during the inventory included soils saturated at or near the surface, inundation, wetland drainage patterns and/or a shallow water table. Indirect indicators included oxidized rhizospheres with living roots, algal mats, and water stained leaves.

4.4 Soils

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

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

Soil Symbol	Soil Name	Hydric Status
Am	Amity silt clay loam, 3 to 12 percent slopes	Non-Hydric
Ca	Camas gravelly sandy loam	Non-Hydric
Ch	Chehalis silty clay loam	Non-Hydric
Cn	Coburg silty clay loam	Non-Hydric
Co	Concord silt loam	Hydric
Cs	Conser silty clay loam	Hydric
DuC	Dupee silt loam, 3 to 12 percent slopes	Non-Hydric
HaC	Hazelair silt loam, 3 to 12 percent slopes	Non-Hydric
HeD	Hazelair Complex, 12 to 20 percent slopes	Non-Hydric
Ma	Malabon silty clay loam	Non-Hydric
Ms	McBee silty clay loam	Non-Hydric
Mx	Mixed alluvial land	Non-Hydric
Ng	Newberg fine sandy loam	Non-Hydric
Nm	Newberg loam	Non-Hydric
Pk	Pilchuck fine sandy loam	Non-Hydric
VeB	Veneta silt loam, 2 to 7 percent slopes	Non-Hydric
VnB	Veneta loam, loamy subsoil variant, 2 to 7 percent slopes	Non-Hydric
VnD	Veneta loam, loamy subsoil variant, 7 to 20 percent slopes	Non-Hydric
Wa	Waldo silty clay loam	Hydric
Wc	Wapato silty clay loam	Hydric
WeA	Willamette silt loam, 0 to 3 percent slopes	Non-Hydric
WeC	Willamette silt loam, 3 to 12 percent slopes	Non-Hydric
WoA	Woodburn silt loam, 0 to 3 percent slopes	Non-Hydric
WoC	Woodburn silt loam, 3 to 12 percent slopes	Non-Hydric



N

Figure 3: North Albany Soils

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The City of Albany's Infrastructure records, drawings, and other documents have been gathered over many decades, using differing standards for quality control, documentation, and verification. All the information provided represents current information in a readily available format. While the information provided is generally believed to be accurate, occasionally this information proves to be incorrect, and thus its accuracy is not warranted. Prior to making any property purchases or other investments based in full or in part upon the information provided, it is specifically advised that you independently field verify the information contained within our records.

Amity silt loam is a deep somewhat poorly drained soil. It is found in slightly concave areas on broad terraces of the Willamette Valley and formed in silty alluvium derived from mixed sources. The slope is 0 to 3 percent. Typically the surface layer is very dark grayish brown silt loam about 16 inches thick. The subsurface layer is dark gray, faintly mottled silt loam about 6 inches thick. The upper 6 inches of the subsoil is grayish brown, mottled silty clay loam, and the lower 7 inches is light olive brown, mottled silty clay loam. The substratum to a depth of 72 inches or more is olive brown, mottled silt loam. In some areas of similar included soils, the substratum is silty clay loam or silty clay averaging more than 35 percent clay. It is classified as a *fine-silty, mixed, mesic Argiaquic Xeric Argialbolls.*

Camas gravelly sandy loam is a deep, excessively drained soil. It is found on floodplains in small, oval or narrow areas. It formed mixed gravelly or cobbly, recent alluvium. These soils are on alluvial bottom lands along the Willamette River. Typically, the surface layer is very dark brown gravelly sandy loam about 7 inches thick. The substratum is variegated dark-brown, very dark grayish brown, dark grayish brown, and dark gray very gravelly sand that extends to a depth of 60 inches or more. The soil is classified as *sandy-skeletal, mixed, mesic Fluventic Haploxerolls.*

Chehalis silty clay loam is a deep, well drained soil found on floodplains. It is formed on 0 – 3 percent slopes from moderately fine textured recent alluvium of mixed origin. Typically, the surface layer is very dark grayish brown and very dark brown silty clay loam about 16 inches thick. The subsoil is dark brown silty clay loam about 44 inches thick. Depth to bedrock is more than 60 inches. The soil is classified as *fine-silty, mixed, mesic Cumulic Ultic Haploxeroll.*

Concord silt loam is a deep poorly drained soil found in slightly concave areas on broad terraces of the Willamette Valley. It formed in silty and clayey alluvium derived from mixed sources. The slope is 0 to 2 percent. The surface layer is typically a very dark grayish brown silt loam about 10 inches thick. The subsurface layer is dark gray, mottled silt loam about 10 inches thick. The next layer is gray and dark gray, mottled silty clay about 16 inches thick. The subsoil is grayish brown, mottled silty clay about 4 inches thick. The substratum to a depth of 72 inches is dark grayish brown silty clay loam and silt loam. It is classified as a *fine, montmorillonitic, mesic Typic Ochraqualfs.*

Conser silty clay loam is a deep, poorly drained soil found in nearly level to slightly concave areas on low alluvial stream terraces. It formed in silty and clayey alluvium derived from mixed sources. The slope is 0 to 2 percent. The surface layer is typically very dark brown, mottled silty clay loam about 17 inches thick. The upper 33 inches of the subsoil is very dark grayish brown and dark grayish brown, mottled silty clay, and the lower 14 inches is dark grayish brown, mottled silty clay loam. It is classified as a *fine, mixed, mesic Typic Argiaquolls.*

Dupee silt loam is a deep, moderately well drained to somewhat poorly drained soils that formed in mixed colluvium underlain by sedimentary bedrock. It is found in swales and depressions on uplands. In a typical profile, the surface layer is dark-brown silt loam about 14 inches thick. The subsoil is dark-brown heavy silty clay loam and clay about 38 inches thick. The substratum if dark-brown clay loam that extends to a depth of 60 inches or more. It is classified as a *fine, mixed, mesic Aqualtic Haploxeralfs.*

Hazelair silt loam and Hazelair Complex are moderately deep, moderately well drained to somewhat poorly drained soils that formed in colluvium weathered from sedimentary bedrock. They are found on low rolling foothills. In a typical profile, the surface layer is dark brown silt loam and silty clay loam about 15 inches thick. The subsoil is dark yellowish-brown heavy silty clay loam about 8 inches thick. The substratum is grayish brown clay about 10 9inches thick. It is underlain by weathered, fragmented siltstone. These soils are classified as *very, fine, mixed, mesic Ultic Haploxerolls.*

Malabon silty clay loam is a deep, well drained soil found in nearly level to slightly convex areas on low alluvial stream terraces. It formed in silty and clayey alluvium derived from mixed sources. The slopes are 0 to 3 percent. The surface layer is typically a very dark grayish brown silty clay loam about 17 inches thick. The subsoil is dark brown and brown silty clay about 43 inches thick. In some areas of similar included soils, the subsoil has strata of silt loam or sandy loam. It is classified as a *fine, mixed, mesic Pachic Ultic Argixerolls.*

McBee silty clay loam is a deep, moderately well drained soil found on floodplains. The soils have formed from fine textured alluvium of various origins on 0 -3 percent slopes. Typically, the surface layer is dark brown silty clay loam about 19 inches thick. The upper 9 inches of the subsoil is dark brown, mottled silty clay loam and the lower 16 inches is dark grayish brown mottled silty clay loam. The substratum to a depth of 60 inches is dark grayish brown mottled silty clay loam. In portions of the floodplain, the substratum may be gravelly. The soil is classified as *fine-silty, mixed, mesic Cumulic Ultic Haploxeroll.*

Newberg fine sandy loam is a very deep, somewhat excessively drained soil found on floodplains. It is formed on alluvium from basic igneous and sedimentary rocks recently deposited on 0 - 3 percent slopes. Typically, the surface layer is a dark brown sandy loam about 19 inches thick The upper 9 inches of the substratum is brown coarse sandy loam and the lower portion of the substratum to a depth of 64 inches is dark grayish brown loamy fine sand and loamy sand. The substratum may vary in texture from coarse sand to coarse silt beneath the mollic surface horizon. The soil is classified as *coarse-loamy, mixed, mesic, Fluventic Haploxeroll.*

Pilchuck fine sandy loam is a deep, excessively drained and somewhat excessively drained soil that formed in sandy alluvium. This soil is found on recent floodplains along the Willamette River. They were formed in sandy alluvium. Typically, the surface layer is very dark grayish brown find sandy loam about 8 inches thick. The substratum is very dark grayish brown, black, and very dark gray fine sandy and loamy fine sand that extend to a depth of 60 inches or more. The soil is classified as a *mixed, mesic, Dystric Xeropsamments.*

Veneta silt loam is a deep moderately well drained to well drained soils that formed in silt and old weather, gravelly alluvium. These soils are found on terraces above the main floor of the Willamette Valley. Typically, the surface layer is dark brown and dark yellowish brown silt loam and silty clay loam about 19 inches thick. The subsoil is dark brown silty clay loam, silty clay, and clay that extends to a depth of 60 inches or more. The soil is classified as a *fine mixed, mesic, Ultic Haploxeralf.*

Veneta loam, loamy sub soil variant is a moderately deep, well drained soil. It formed in colluvium weathered from sedimentary bedrock. It is usually found on low, rolling foothills that have broad, gently sloping tops and steep sides. Typically, the surface layer is dark brown and dark yellowish brown loam about 11 inches thick. The subsoil is dark brown and song brown clay loam about 29 inches thick. Weathered sand stone bedrock is a t a depth of about 40 inches. The soil is classified as a *fine-loamy mixed, mesic, Ultic Haploxeralf.*

Waldo silty clay loam is a deep, poorly drained soils that formed in recent alluvium. These soils are on bottom lands of streams and drainage ways in the tributary valleys of the foothills. Typically, the surface layer is black heavy silty clay loam and silty clay about 11 inches thick. The subsoils is dark-gray and gray clay that extends to a depth of 60 inches or more. The soil is classified as a *fine, mixed, mesic, Fluquentic Haplaquolls.*

Wapato silty clay loam is a deep poorly drained soil found in old abandoned river channels and depressions within floodplains. It is formed in silty recent alluvium derived from mixed sources on 0 -3 percent slopes. Typically, the surface layer is very dark grayish brown mottled silty clay loam about 17 inches thick. The subsoil is dark grayish brown mottled silty clay loam about 31 inches thick. The substratum to a depth of 60 inches grayish brown mottled silty clay loam. The soil is classified as *fine-silty, mixed, mesic Fluvaquentic Endoaquoll.*

Willamette silt loam is a deep, well drained soil found in slightly convex areas on broad valley terraces. It formed in silty alluvium derived from mixed material. The slope is 0 to 3 percent. The surface layer is typically a very dark brown silt loam about 12 inches thick. The next layer is very dark grayish brown silt loam about 9 inches thick. The upper 21 inches of the subsoil is dark brown silty clay loam and the lower 8 inches is a dark yellowish brown silty clay loam. The substratum to a depth of 60 inches or more is dark yellowish brown silty clay loam. In some areas of similar included soils, faint mottles are below a depth of 30 inches. It is classified as a *fine-silty, mixed, mesic Pachic Ultic Argixerolls.*

Woodburn silt loam, 0 to 3 percent and 3 to 12 percent slopes is a deep, moderately well drained soil found in slightly convex areas on broad valley terraces. It formed in silty alluvium derived from mixed sources. The surface layer is typically a very dark brown silt loam about 6 inches thick. The next layer is dark brown silt loam about 12 inches thick. The upper 35 inches of the subsoil is dark brown and brown, mottled silty clay loam and the lower 6 inches is brown silty clay loam. It is classified as a *fine-silty, mixed, mesic Aquultic Argixerolls.*

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

4.5 Vegetation

4.5.1 Overview

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

The Willamette Valley now consists of a mosaic of oak woodlands, coniferous forests, grasslands, shrub communities, and riparian forests broken up by development. Climax communities are generally considered to be forest types dominated by Douglas fir (*Pseudotsuga menziesii*) and Oregon white oak (*Quercus garryana*), or by Oregon ash (*Fraxinus latifolia*) in wetter sites. Further discussion of plant communities within the interior valleys of western Oregon can be found in *Natural Vegetation of Oregon and Washington* (Franklin and Dyrness 1973).

4.5.2 Vegetation Communities

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

Upland Mixed Conifer/Deciduous Forest

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

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

Riparian Forest

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

Agricultural/Pastureland

Extensive portions of the study area remain as farmland and are primarily used for grass seed and hay production. Ryegrass (*Lolium multiflorum*) was the most common crop encountered during the survey, though some fields were also being used for tall fescue (*Festuca arundinacea*) production. Other areas are being used by grazing animals (cattle, sheep, or horses).

Developed-Urban

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

Wetland

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

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

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

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

4.5.3 Wetland and Upland Indicator Species

Species lists of commonly encountered plants, along with their status as indicators of wetland conditions, have been prepared for all regions of the country by the USFWS (1988). The status of a particular plant, as discussed in Section 2.0, is the probability of that plant occurring in a wetland. Many plants, however, are found in transitional areas between wetlands and uplands. These areas are usually characterized by flat to gradually sloping terrain where the species composition may not reflect true wetland boundaries. In such areas, a species with a status of FACU may extend into the wetland areas, just as FACW species may also be present in upland areas. Table 3 summarizes the wetland indicator codes.

Table 3. Wetland Indicator Codes and Status

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

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

5.0 LWI DISCUSSION AND CONCLUSIONS

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

The U.S. Fish and Wildlife Service, as part of the National Wetlands Inventory (NWI) program, has mapped wetland in the study area (Figure 4). The NWI maps are generated primarily on the basis of interpretation of relatively small-scale color infrared aerial photographs (e.g., scale of 1:58,000) with limited "ground truthing" conducted to confirm the interpretations.

NWI

Wetlands

N

Figure 4: National Wetland Inventory

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Albany

5.2 Local Wetlands Inventory Results

5.2.1 Wetland Acreage and Distribution

A total of 63 wetland units were identified during the LWI with a total acreage of 144.75 acres. Of the six watersheds within the study area, Horseshoe Lake has the highest percentage of wetlands within the watershed (13%) and the Willamette River watershed has the smallest percentage (0%). Table 4 summarizes the wetland acreage and distribution in the study area. Figure 5 shows the wetlands for the LWI.

Table 4: Wetland Areas Within Each of the Watersheds for the North Albany LWI

Watershed	Area (acres)	Wetland (acres)	Percent of watershed that is wetland
Horseshoe Lake	596.05	75.07	13%
Luckiamute River	47.99	0.48	1%
Bowers Slough	167.20	13.24	8%
Springhill	154.40	6.00	4%
Thornton Lakes	673.87	49.96	7%
Willamette River	121.47	0	0%
Total Project Acreage	**1,760.98**	**144.75**	

5.2.2 Wetland Classification

Each wetland was classified according to the Cowardin system. Palustrine emergent wetlands that are currently used for agricultural purposes were noted on the maps with a lower case "f" (i.e. PEMf). Although these wetlands are dominated by herbaceous species, the natural plant community has been altered by agricultural practices. This type of wetland is the dominant (37%) wetland type in the study area. Palustrine emergent (PEM) wetlands were the second most prevalent wetland class (28%), followed by palustrine aquatic bed (PAB)(23%), palustrine forested (PFO)(8%) and palustrine scrub-shrub (PSS)(4%).

Table 5 is a summary of wetland classifications for the Albany LWI study area. Table 6 (pages 19-20) is a classification table listing each wetland. Appendix A includes a wetland characterization sheet for each inventoried wetland. This summarizes the plant communities, hydrology, location, and any general notes about adjacent upland areas.

Table 5. Wetland Classifications found within the North Albany LWI

Wetland Classification	Area (acres)	Percent
Palustrine emergent, farmed (PEMf)	53.02	37%
Palustrine emergent (PEM)	40.54	28%
Palustrine aquatic bottom (PAB)	33.17	23%
Palustrine forested (PFO)	11.64	8%
Palustrine scrub-shrub (PSS)	6.38	4%
Total		**100%**

Table 6. Cowardin classification of wetlands identified in the North Albany LWI

Wetland Code	USFWS Wetland Classification					Total Acreage
	PFO	PSS	PEM	PAB	PEMf	
HRS-1		0.04	0.08			0.12
HRS-2Af					2.01	2.01
HRS-2B			0.29			0.29
HRS-3Af					1.34	1.34
HRS-3B			0.40			0.40
HRS-4			0.23			0.23
HRS-5Af					5.99	5.99
HRS-5B	0.50					0.50
HRS-6			0.15			0.15
HRS-7Af					33.96	33.96
HRS-7B	6.65		1.67			8.32
HRS-8Af					0.40	0.40
HRS-8B			0.48			0.48
HRS-8Cf					0.66	0.66
HRS-8Df					0.36	0.36
HRS-8E			0.27			0.27
HRS-9	1.10		0.60			1.70
HRS-10A			0.17			0.17
HRS-10B			0.37	0.37		0.74
HRS-10C		0.23	0.16			0.39
HRS-11A		1.12	0.20			1.32
HRS-11B			4.01			4.01
HRS-11C			7.53			7.53
HRS-11D			0.22			0.22
HRS-11E			0.27			0.27
HRS-11F			0.04			0.04
HRS-11G		0.03		0.13		0.16
HRS-11H			0.02			0.02
HRS-12A			0.48			0.48
HRS-12B			0.84			0.84
HRS-13		0.30	0.34			0.64
HRS-14			1.06			1.06
LUC-1			0.25			0.25
LUC-2		0.06	0.17			0.23
BOW-1			3.92		3.93	7.85
BOW-2f					3.50	3.50

Table 6, continued

Wetland Code	USFWS Wetland Classification					Total Acreage
	PFO	PSS	PEM	PAB	PEMf	
BOW-3f					0.03	0.03
BOW-4f					0.39	0.39
BOW-5f					0.27	0.27
BOW-6Af					0.18	0.18
BOW-6B			0.62			0.62
BOW-6C		0.03	0.14			0.17
BOW-7			0.23			0.23
SPH-1A			0.66			0.66
SPH-1B	0.22	0.33				0.55
SPH-2A			0.11			0.11
SPH-2B			0.09			0.09
SPH-2C		0.06				0.06
SPH-3	1.05					1.05
SPH-4			3.48			3.48
THO-1A	0.06					0.06
THO-1B	0.14					0.14
THO-2	0.05					0.05
THO-3A	0.59	1.17		0.19		1.95
THO-3B	1.28	1.80	3.36	12.42		18.86
THO-3Ca,b,c			0.07			0.07
THO-4A		1.21		20.06		21.27
THO-4B			3.04			3.04
THO-4C			2.11			2.11
THO-4D			0.07			0.07
THO-4E			2.09			2.09
THO-5			0.21			0.21
THO-6			0.04			0.04
TOTAL	11.64	6.38	40.54	33.17	53.02	144.75

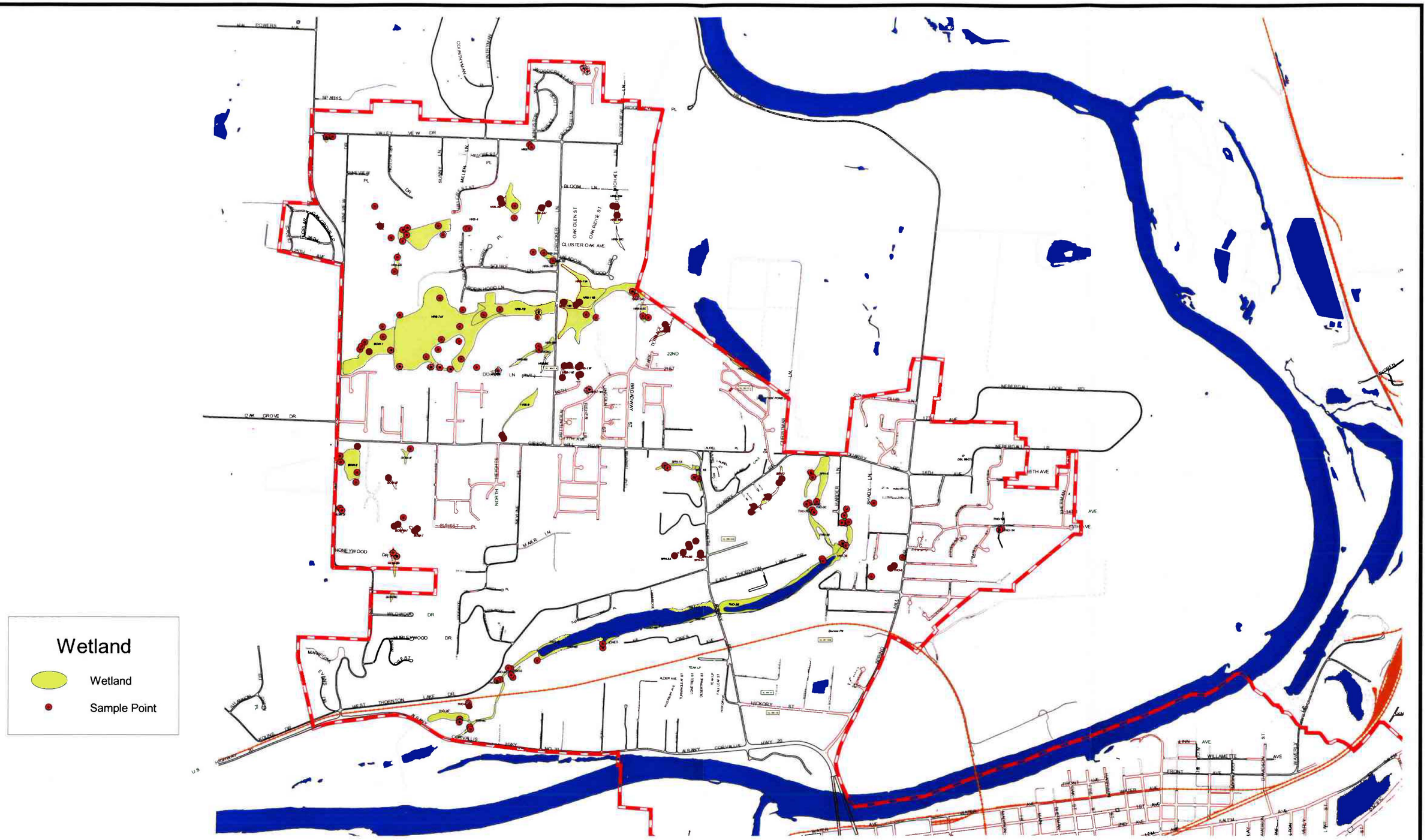


Figure 5: Wetlands

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5.3 Oregon Freshwater Wetland Assessment Methodology Results

5.3.1 Wetlands of Special Interest for Protection

Each of the wetlands were assessed according to the ten questions in this section of OFWAM. These questions are regarding the presence of federal or state listed threatened, endangered or sensitive species, existing management plans, conservation plans, protected mitigation areas, critical habitat, wetland reserve areas and the presence of uncommon wetland plant communities in Oregon. These questions were answered "no" for all the wetlands, therefore none of the wetlands in the study area qualify as "wetlands of special interest for protection".

5.3.2 Wetland Quality Assessment

An assessment of the quality for each of the wetlands identified through the inventory was conducted using the *Oregon Freshwater Assessment Methodology* (OFWAM) (Roth et al, April 1996). OFWAM assesses 6 functions and 3 conditions, as described in Section 3.3.1. Appendix C contains all of the results for each of the wetlands assessed by the methodology along with summary sheets of the functions and conditions assessed by the methodology and the rationale for the results.

Although OFWAM provides qualitative information on the relative value of wetlands and does not have a numerical ranking, numbers were assigned to the assessment criteria to easily compare the results. Table 7 (page 22) is a key to the numbers assigned to the assessment criteria for each of the functions and conditions. A number 1 was assigned to wetlands receiving the highest function or condition result (e.g. intact, diverse), a number 3 was assigned to the wetlands receiving the lowest result (lost or not present, not appropriate), and a number 2 was assigned to the results which do not fit the other criteria (potential, impacted or degraded). Table 8 (pages 23-24) 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 7. Key to the Oregon Freshwater Wetland Assessment Methodology Numerical Ranking

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

Table 7. Oregon Freshwater Wetland Assessment Methodology Numerical Ranking Results for the North Albany Local Wetlands Inventory

Wetland Code	Wildlife Habitat	Fish Habitat	Water Quality	Erosion Control	Sensitive Habitat	Enhancement Potential	Education	Recreation	Aesthetic Quality	Size (acres)
HRS-1	1	N/A	2	2	2	N/A	3	3	1	0.12
HRS-2Af	2	N/A	2	2	2	1	3	3	3	2.01
HRS-2B	2	N/A	2	2	2	2	1	1	1	0.29
HRS-3Af	2	N/A	2	2	2	1	3	2	3	1.34
HRS-3B	2	N/A	2	2	2	1	3	3	1	0.40
HRS-4	2	2	2	2	2	2	3	2	3	0.23
HRS-5Af	2	N/A	2	2	2	1	3	3	3	5.99
HRS-5B	2	N/A	2	2	2	1	3	3	1	0.50
HRS-6	2	N/A	2	2	2	2	3	3	2	0.15
HRS-7Af	2	N/A	2	2	2	1	3	3	3	33.96
HRS-7B	1	1	1	1	2	N/A	3	3	1	8.32
HRS-8Af	2	N/A	2	2	2	2	3	3	3	0.40
HRS-8B	2	2	2	2	2	1	3	3	1	0.48
HRS-8C	2	N/A	2	2	2	1	3	3	3	0.66
HRS-8Df	2	N/A	2	2	2	2	3	3	1	0.36
HRS-8E	2	N/A	2	2	2	2	3	3	1	0.27
HRS-9	2	N/A	2	2	2	2	3	3	3	1.70
HRS-10A	2	N/A	2	2	2	1	3	3	1	0.17
HRS-10B	2	2	2	2	2	2	3	3	1	0.74
HRS-10C	2	2	1	2	2	1	2	3	1	0.39
HRS-11A	2	N/A	1	1	2	1	3	3	1	1.32
HRS-11B	2	N/A	2	2	2	1	3	3	3	4.01
HRS-11C	2	1	2	2	2	1	3	3	2	7.53
HRS-11D	2	N/A	2	2	2	2	3	3	1	0.22
HRS-11E	2	N/A	2	2	2	2	3	3	1	0.27
HRS-11F	2	N/A	2	2	2	1	3	3	1	0.04
HRS-11G	2	2	2	2	2	1	3	3	1	0.16
HRS-11H	2	N/A	2	2	2	2	1	1	1	0.02
HRS-12A	2	N/A	2	2	2	1	3	3	3	0.48
HRS-12B	2	N/A	2	2	2	1	3	3	3	0.84
HRS-13	2	N/A	1	2	2	1	3	3	2	0.64

Table 7, continued

Wetland Code	Wildlife Habitat	Fish Habitat	Water Quality	Hydrologic Control	Sensitivity to Impact	Enhancement Potential	Education	Recreation	Aesthetic Quality	Size (acres)
HRS-14	1	2	1	2	2	N/A	2	2	1	1.06
LUC-1	2	N/A	2	2	2	1	2	3	3	0.25
LUC-2	2	2	2	2	2	1	3	3	1	0.23
BOW-1	2	N/A	2	2	2	1	3	3	1	7.85
BOW-2f	2	N/A	2	2	2	1	3	3	2	3.50
BOW3f	2	N/A	2	2	2	1	3	3	3	0.03
BOW-4f	2	N/A	3	2	2	2	3	3	3	0.39
BOW-5f	2	N/A	2	2	2	2	3	3	3	0.27
BOW-6Af	2	N/A	2	2	2	2	3	3	3	0.18
BOW-6B	2	N/A	2	2	2	1	3	3	2	0.62
BOW-6C	2	N/A	2	2	2	1	3	3	2	0.17
BOW-7	2	N/A	2	2	2	1	3	3	1	0.23
SPH-1A	2	N/A	2	2	2	1	3	2	3	0.66
SPH-1B	2	2	2	2	2	1	3	3	1	0.55
SPH-2A	2	N/A	2	2	2	2	2	2	1	0.11
SPH-2B	2	N/A	2	2	1	2	2	2	1	0.09
SPH-2C	2	N/A	2	2	1	2	3	3	1	0.06
SPH-3	2	N/A	1	1	2	1	1	1	1	1.05
SPH-4	2	N/A	2	2	2	1	3	3	2	3.48
THO-1A	2	N/A	3	2	2	1	3	3	1	0.06
THO-1B	2	N/A	3	2	2	1	3	3	1	0.14
THO-2	2	N/A	3	2	2	1	3	3	1	0.05
THO-3A	1	1	1	1	2	N/A	2	3	1	1.95
THO-3B	1	1	1	1	2	N/A	2	3	1	18.86
THO-3Ca, b, c	2	N/A	2	3	2	3	3	3	1	0.07
THO-4A	1	1	1	1	2	N/A	2	3	1	21.27
THO-4B	1	2	1	1	2	N/A	3	3	2	3.04
THO-4C	1	1	1	2	2	N/A	3	3	2	2.11
THO-4D	2	N/A	2	3	2	2	3	3	1	0.07
THO-4E	1	N/A	2	2	2	N/A	3	3	1	2.09
THO-5	2	N/A	2	2	2	1	3	3	1	0.21
THO-6	2	N/A	2	3	2	2	3	3	3	0.04

In general, the majority (86%) of the wetlands provided wildlife habitat for some species. Diverse wildlife habitat was limited to those wetlands which had a variety of strata (trees, shrubs, herbaceous), and which were adjacent, or connected to, other wetlands or surface water. Due to the high percentage of agricultural wetlands within each watershed, only 9 of the 63 wetlands (14%) met this criterion.

The majority of the wetlands (76%) were not assessed for the fish habitat function due to the lack of perennial surface water or connection to surface water. Of the 15 wetlands which were assessed for fish habitat, 5 (15%) were determined to have intact fish habitat due to perennial surface water, large woody debris, shade, and natural, unmodified channels. The other 10 wetlands assessed for this function were determined to be impacted or degraded.

The water quality function was assessed as impacted or degraded in many wetlands if the primary source of hydrology was groundwater and the dominant existing land use is open space or agricultural lands. The rationale is that wetlands which are groundwater-driven or surrounded by open space may not play as significant a water quality function as wetlands derived from surface water or surrounded by developed lands. A total of 10 wetlands (16%) were assessed as having their water quality function intact and 4 wetlands (6%) were assessed as having their water quality function lost or not present. The remaining 49 wetlands (78%) had impacted or degraded water quality.

Hydrologic control was generally assessed as impacted or degraded (86%), or lost or not present (5%) due to unrestricted outflow, dominance of emergent vegetation, and surrounding agricultural lands or downstream open space. Six (6) of the 63 wetlands (9%) were assessed with hydrologic control function intact.

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

6.0 SIGNIFICANT WETLANDS DETERMINATION

6.1 Locally Significant Wetlands Criteria

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

Local jurisdictions determining significant wetlands must use the criteria recently adopted by the Oregon Division of State Lands (ORS 197.279(3)(b)). This criteria identifies Locally Significant Wetlands. The significance criteria is divided into three sections, as described in Table 9 (next page).

Table 9. Criteria for Determining Goal 5 Locally Significant Wetlands

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

6.2 Applying Significant Wetland Criteria to the LWI Study Area

The locally significant wetlands criteria were applied to the 63 wetlands within the study area. Fourteen (14) wetlands satisfied the criteria for significant wetlands. The results of applying the criteria are included in Appendix D. These are summarized in Table 10 (next page):

Table 10. Locally Significant Wetlands in the North Albany LWI

HRS-1	SPH-3	THO-3A
HRS-7B		THO-3B
HRS-10C		THO-4A
HRS-11A		THO-4B
HRS-11C		THO-4C
HRS-13		THO-4E
HRS-14		

Seven (7) of the 32 wetlands (21%) in the Horseshoe Lake wetlands; 1 of the 7 (14%) Springhill wetlands; and 6 of the 13 (46%) Thornton Lake wetlands were determined to be significant. The majority of the wetlands which met the criteria for significance were undisturbed areas which contained a variety of plant species and which were hydrologically connected to other wetlands or waters of the state, such as Thornton Lake. Although other wetlands within the study area are valuable for some functions, they do not satisfy the mandatory significant wetlands criteria.

7.0 PROJECT SUMMARY

- The City of Albany hired Pacific Habitat Services, Inc. (PHS) to conduct a Local Wetlands Inventory (LWI) for areas within the City's Urban Growth Boundary in the North Albany area.
- The project area is approximately a 1,761- acres and includes the Willamette River, Thornton Lake and Horseshoe Lake.
- There are six watersheds in the study area: Luckiamute River, Bowers Slough, Horseshoe Lake, Thornton Lake, Springhill, and the Willamette River.
- Field work was conducted between April 2000 and October 2000. Each wetland unit was assigned an unique code based on the watershed. A wetland characterization and wetland assessment was completed for each wetland unit. The wetland assessment was based on the *Oregon Freshwater Wetland Assessment Methodology*.
- In addition to the determination and wetland assessment, Locally Significant Wetlands were identified based on Oregon Administrative Rules.
- A total of 63 wetland units were identified in the project area, with a total acreage of approximately 145 acres.
- Most of the wetlands can be classified as palustrine emergent, agricultural (37%), followed by palustrine emergent (28%), palustrine aquatic bed (23%), palustrine forested (8%), and palustrine scrub-shrub (4%).
- None of the wetlands met the criteria for "wetlands of special interest for protection".
- Fourteen (14) of the 63 wetlands met the criteria for Locally Significant Wetlands due to either diverse wildlife habitat, intact fish habitat, intact water quality function and/or intact hydrologic control function.

8.0 REFERENCES

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Appendix A

Wetland Characterization Sheets



Wetland Characterization Sheet

Project Name: North Albany LWI

Date(s) of field work:	**7/20/00**	Wetland Mapping Code:	**LUC-1**
Data Sheet Numbers:	**1, 2**	Size (acres):	**0.25**
Investigator(s):	**CR, PF**	Wetland Classification(s):	**PEM**

Location -- Legal:	**T. 10S, R. 4W, Section 25**
Other:	**North of Valley View, Summerhill Estates area**
Tax Lots:	**10S04W25BD 2900, 3000, 3100, 3200,**
Hydrologic basin:	**Luckiamute River**
Soil -- Mapped series:	**Veneta silt loam**
Hydrologic Source:	**Groundwater**

Dominant Wetland Vegetation

TREES	SHRUBS	VINES	HERBS
			Juncus effusus
			Juncus ensifolius
			Carex feta
			Holcus lanatus

Comments:

Located in new subdivision (Summerhill Estates) with new road stubbed across wetland. Shallow drainage swale drains north and out of UGB. Hydrology is upslope seepage and groundwater. Adjacent land use is residential.

Adjacent upland vegetation: *Quercus garryana, Prunus sp., Crataegus monogyna, Rubus discolor, Holcus lanatus, Agrostis tenuis, Polystichum munitum.*

Wetland Classification 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

Wetland Characterization Sheet

Project Name: North Albany LWI

Date(s) of field work:	**7/20/00**	Wetland Mapping Code:	**LUC-2**
Data Sheet Numbers:	**3, 4**	Size (acres):	**0.23**
Investigator(s):	**CR, SE**	Wetland Classification(s):	**PEM, PSS**

Location -- Legal:	**T. 10S, R. 4W, Section 26**
Other:	**At corner of Valley View and Scenic Drive**
Tax Lots:	**10S04W26C 303**
Hydrologic basin:	**Luckiamute River**
Soil -- Mapped series:	**Dupee silt loam, Veneta loam**
Hydrologic Source:	**Groundwater, surface water**

Dominant Wetland Vegetation

TREES	SHRUBS	VINES	HERBS
	Salix lasiandra		***Juncus effusus***
	Populus trichocarpa		***Rumex crispus***
			Lotus corniculatus
			Holcus lanatus
			Poa trivialis
			Potamogeton natans
			Phalaris arundinacea
			Veronica americana

Comments:
Small pond and swale located at southeast corner of Valley View and Scenic Drive. Shallow drainage swale drains north and out of UGB. Hydrology is upslope seepage and groundwater. Adjacent land use is residential.

Adjacent upland vegetation: *Festuca arundinacea, Dactylus glomerata, Holcus lanatus, Agrostis tenuis, Anthoxanthum odoratum, Pseudotsuga menziesii, Pinus contortus* .

Wetland Classification 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

Wetland Characterization Sheet

Project Name: North Albany LWI

Date(s) of field work:	**5/5/00, 6/2/00**	Wetland Mapping Code:	**BOW-1**
Data Sheet Numbers:	**5,6,7,8,9,10,11**	Size (acres):	**7.85**
Investigator(s):	**CR, PF**	Wetland Classification(s):	**PEM, PEMf**

Location -- Legal:	**T. 10S, R. 4W, Section 35**
Other:	**East of Scenic Drive, south of 24th, north of Gibson Hill**
Tax Lots:	**10S04W35AB 100, 200, 700, 900, 1100; 10S04W 35AC 7800, 8900, 9000, 11900**
Hydrologic basin:	**Bowers Slough**
Soil -- Mapped series:	**Concord silt loam, Waldo silty clay loam, Woodburn silt loam, Amity silt loam**
Hydrologic Source:	**Groundwater, precipitation**

Dominant Wetland Vegetation

TREES	SHRUBS	VINES	HERBS
			Carex densa
			Carex unilateralis
			Alopecuris pratensis
			Holcus lanatus
			Trifolium dubium
			Ranunculus uncinatus
			Agrostis tenuis
			Veronica scutellata
			Glyceria sp.
			Eleocharis ovata

Comments:

Large palustrine emergent wetland, partially farmed/pasture in north, extending southwest to wetland mitigation area at corner of Dover Avenue (DSL DET # 97-0542). Hydrology is primarily groundwater. Adjacent land use is residential. Areas along east edge of wetland are ponded seasonally. Drains to Bowers Slough outside of UGB

Adjacent upland vegetation: Festuca arundinacea, Agrostis tenuis, Poa trivialis, Hypochaeris radicata, Daucus carota, Poa annua, Poa pratense, Trifolium pratense.

Wetland Classification 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

Wetland Characterization Sheet

Project Name: North Albany LWI

Date(s) of field work:	**6/2/00**	Wetland Mapping Code:	**BOW-2f**
Data Sheet Numbers:	**12, 13, 14, 15, 16**	Size (acres):	**3.50**
Investigator(s):	**PF, SE**	Wetland Classification(s):	**PEMf**

Location -- Legal:	**T. 10S, R. 4W, Section 35**
Other:	**East of Scenic Drive, south of Gibson Hill**
Tax Lots:	**10S04W35DB 900, 1000, 1200, 1201, 1300, 1800, 1900, 2000**
Hydrologic basin:	**Bowers Slough**
Soil -- Mapped series:	**Amity silt loam**
Hydrologic Source:	**Groundwater, precipitation**

Dominant Wetland Vegetation

TREES	SHRUBS	VINES	HERBS
			Rumex crispus
			Juncus tenuis
			Alopecuris pratensis
			Holcus lanatus
			Briza minor
			Mentha pulegium
			Agrostis tenuis
			Myosotis discolor
			Alopecuris geniculatus
			Eleocharis ovata

Comments:

Palustrine emergent wetland, overgrown pasture. Hydrology is primarily groundwater. Hillside slope drains northwest from southeast. New subdivision to east. Adjacent land use is residential. Drains to Bowers Slough outside of UGB.

Adjacent upland vegetation: Festuca arundinacea, Hypochaeris radicata, Daucus carota, Parentucellia viscosa, Cirsium arvense, Vicia sativa, Crataegus monogyna, Anthoxanthum odoratum, Avena sp.

Wetland Classification 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

Wetland Characterization Sheet

Project Name: North Albany LWI

Date(s) of field work:	**6/2/00**	Wetland Mapping Code:	**BOW-3f**
Data Sheet Numbers:	**17, 18**	Size (acres):	**0.03**
Investigator(s):	**PF, SE**	Wetland Classification(s):	**PEMf**

Location -- Legal:	**T. 10S, R. 4W, Section 35**
Other:	**East of Scenic Drive, south of Gibson Hill**
Tax Lots:	**10S04W35DC 100**
Hydrologic basin:	**Bowers Slough**
Soil -- Mapped series:	**Coburg silty clay loam**
Hydrologic Source:	**Groundwater, precipitation**

Dominant Wetland Vegetation

TREES	SHRUBS	VINES	HERBS
			Lolium multiflorum

Comments:

Farmed palustrine emergent wetland. Hydrology is primarily groundwater. Hillside slope drains northwest from southeast. New subdivision to east. Adjacent land use is residential. Drains to Bowers Slough outside of UGB.

Adjacent upland vegetation: Lolium multiflorum

Wetland Classification 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

Wetland Characterization Sheet

Project Name: North Albany LWI

Date(s) of field work:	**7/7/00**	Wetland Mapping Code:	**BOW-4f**
Data Sheet Numbers:	**19**	Size (acres):	**0.39**
Investigator(s):	**PF, CR**	Wetland Classification(s):	**PEMf**

Location -- Legal:	**T. 10S, R. 4W, Section 35**
Other:	**South of Gibson Hill, east of Scenic Drive**
Tax Lots:	**10S4W35DB 100, 200**
Hydrologic basin:	**Bowers Slough**
Soil -- Mapped series:	**Concord silt loam**
Hydrologic Source:	**Groundwater, surface water**

Dominant Wetland Vegetation

TREES	SHRUBS	VINES	HERBS
			Lolium multiflorum

Comments:
Farmed wetland, north end of field near Gibson Hills Road. Small depressional wetland appears to pond water seasonally. Adjacent land use is residential, zoned residential. No apparent outlet except roadside ditch.

Adjacent upland vegetation: *Lolium multiflorum*

Wetland Classification 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

Wetland Characterization Sheet

Project Name: North Albany LWI

Date(s) of field work:	**7/7/00**	Wetland Mapping Code:	**BOW-5f**
Data Sheet Numbers:	**20**	Size (acres):	**0.27**
Investigator(s):	**PF, CR**	Wetland Classification(s):	**PEMf**

Location -- Legal:	**T. 10S, R. 4W, Section 35**
Other:	**South of Gibson Hill Road, east of Scenic Drive**
Tax Lots:	**10S04W35DB 200**
Hydrologic basin:	**Bowers Slough**
Soil -- Mapped series:	**Amity silt loam**
Hydrologic Source:	**Groundwater, surface water**

Dominant Wetland Vegetation

TREES	SHRUBS	VINES	HERBS
			Lolium multiflorum
			Phalaris arundinacea

Comments:
Farmed wetland, north end of field near Gibson Hills Road. Small depressional wetland appears to pond water seasonally. Adjacent land use is residential, zoned residential. Drains off-site to adjacent property to northwest (access denied). New development to west.

Adjacent upland vegetation: *Lolium multiflorum*

Wetland Classification 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

Wetland Characterization Sheet

Project Name: North Albany LWI

Date(s) of field work:	**7/7/00**	Wetland Mapping Code:	**BOW-6Af**
Data Sheet Numbers:	**21, 22, 23**	Size (acres):	**0.18**
Investigator(s):	**PF, CR**	Wetland Classification(s):	**PEMf**

Location -- Legal:	**T. 10S, R. 4W, Section 35**
Other:	**South of Gibson Hill Road, east of Scenic Drive**
Tax Lots:	**10S04W35DB 100; 10S04W35DC 2800**
Hydrologic basin:	**Bowers Slough**
Soil -- Mapped series:	**Woodburn silt loam**
Hydrologic Source:	**Groundwater, surface water**

Dominant Wetland Vegetation

TREES	SHRUBS	VINES	HERBS
			Lolium multiflorum
			Juncus bufonius
			Gnaphalium palustre

Comments:

Farmed wetland. Small wetland and drainage extend from south end of field to the northwest. Wetland appears to pond water seasonally. Adjacent land use is residential, zoned residential. New development to west. Wetland drains into drop inlet at edge of new development. Hydrologically connected to BOW-6B by surface water.

Adjacent upland vegetation: *Lolium multiflorum , Cirsium vulgare, Salix sitchensis, Rhus diversiloba, Rubus discolor.*

Wetland Classification 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

Wetland Characterization Sheet

Project Name: North Albany LWI

Date(s) of field work:	**7/7/00**	Wetland Mapping Code:	**BOW-6B**
Data Sheet Numbers:	**24, 25**	Size (acres):	**0.62**
Investigator(s):	**PF, SE**	Wetland Classification(s):	**PEM, PSS**

Location -- Legal:	**T. 10S, R. 4W, Section 35, T. 11S, R. 4W, Section 2**
Other:	**East of Scenic Drive, south of Gibson Hill, north of Wildwood Dr.**
Tax Lots:	**10S04S35DC 900, 1100; 11S04W02AB 104**
Hydrologic basin:	**Bowers Slough**
Soil -- Mapped series:	**Veneta silt loam**
Hydrologic Source:	**Surface water, groundwater**

Dominant Wetland Vegetation

TREES	SHRUBS	VINES	HERBS
	Salix sp.		***Mentha arvensis***
			Agrostis stolonifera
			Rumex crispus
			Agrostis tenuis
			Holcus lanatus
			Typha latifolia
			Trifolium pratense

Comments:
Drainage from hillside flows north. Two small ponds located along drainage. Recently disturbed section (Tax lot ??) has been scraped and piped in 24" pipe, however wetland persists. Hydrologically connected to BOW-6B by surface water. Adjacent land use is rural residential. Zoned residential.

Adjacent upland vegetation: *Hypochareris radicata, Daucus carota, Centaurea sp., Cirsium arvense, Chrysanthemum leucanthemum, Festuca arundinacea*

Wetland Classification 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

Wetland Characterization Sheet

Project Name: North Albany LWI

Date(s) of field work:	**7/7/00**	Wetland Mapping Code:	**BOW-6C**
Data Sheet Numbers:	**N/A**	Size (acres):	**0.17**
Investigator(s):	**PF, SE**	Wetland Classification(s):	**PEM, PSS**

Location -- Legal:	**T. 11S, R. 4W, Section 2**
Other:	**East of Scenic Drive, south of Gibson Hill, north of Wildwood Dr.**
Tax Lots:	**11S04W02AB 301, 305**
Hydrologic basin:	**Bowers Slough**
Soil -- Mapped series:	**Veneta silt loam**
Hydrologic Source:	**Groundwater**

Dominant Wetland Vegetation

TREES	SHRUBS	VINES	HERBS
	Salix sp.		*Typha latifolia*
			Agrostis stolonifera
			Rumex crispus
			Agrostis tenuis
			Holcus lanatus

Comments:

Drainage from hillside flows north. Culverted under small private drive. \Hydrologically connected to BOW-6B by surface water. Adjacent land use is rural residential. Zoned residential.

Adjacent upland vegetation: *Hypochareris radicata, Daucus carota, Centaurea sp., Cirsium arvense, Chrysanthemum leucanthemum, Festuca arundinacea*

Wetland Classification 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

Wetland Characterization Sheet

Project Name: North Albany LWI

Date(s) of field work:	**7/20/00**	Wetland Mapping Code:	**BOW-7**
Data Sheet Numbers:	**26, 27**	Size (acres):	**0.23**
Investigator(s):	**PF, CR**	Wetland Classification(s):	**PEM**

Location -- Legal:	**T. 10S, R. 4W, Section 35**
Other:	**South of Gibson Hill Road, east of Scenic Drive, west of Pulver Ln.**
Tax Lots:	**10S04W35DD 100, 101**
Hydrologic basin:	**Bowers Slough**
Soil -- Mapped series:	**Woodburn silt loam, Hazelair silt loam**
Hydrologic Source:	**Groundwater, surface water**

Dominant Wetland Vegetation

TREES	SHRUBS	VINES	HERBS
			Eleocharis palustris
			Mentha pulegium
			Rumex crispus

Comments:

Small palustrine emergent wetland and seasonal drainge from hillside to south. Ponds seasonally in small depression at lower end of drainage. Does not appear to connect to other wetlands or drainages at downstream end. Upper end of drainage is in mowed field (access denied). Adjacent land use is rural residential. Zoned residential.

Adjacent upland vegetation: *Rubus discolor, Quercus garryana, Crataegus monogyna, Dactylis glomerata, Festuca arundinacea, Hypericum perforatum, Hypochaeris radicta, Daucus carota, Anthoxanthum odoratum*

Wetland Classification 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

Wetland Characterization Sheet

Project Name: North Albany LWI

Date(s) of field work:	**5/12/00**	Wetland Mapping Code:	**HRS-1**
Data Sheet Numbers:	**28, 29**	Size (acres):	**0.12**
Investigator(s):	**PF, FS**	Wetland Classification(s):	**PSS, PEM**

Location -- Legal:	**T. 10S, R. 4W., Section 25**
Other:	**South of Valley View Drive, west of Crocker Lane**
Tax Lots:	**10S04W25 1600**
Hydrologic basin:	**Horseshoe Lake**
Soil -- Mapped series:	**Veneta loam**
Hydrologic Source:	**Groundwater, precipitation**

Dominant Wetland Vegetation

TREES	SHRUBS	VINES	HERBS
Fraxinus latifolia	*Rosa pisocarpa*		*Juncus patens*
Populus trichocarpa	*Fraxinus latifolia*		*Poa trivialis*
	Cornus stolonifera		*Equisetum arevense*
			Athyrium filix-femina
			Circaea alpina
			Juncus ensifolius
			Geum macrophyllum
			Carex deweyana
			Carex obnupta
			Glyceria sp.

Comments: **Locally Significant Wetland**

Hillside seep and associated drainage from hillside to north. Drains south through forested area, then drains to Crocker Lane in small shallow ditch. Some grazing from horses, but relatively undisturbed. Adjacent land use is rural residential. Zoned residential. Not hydrologically connected to other wetlands nearby.

Adjacent Upland Vegetation: *Crataegus monogyna, Rubus laciniatus, Pseudotsuga menziesii, Quercus garryana, Corylus cornuta, Galium aparine, Polystichum munitum, Hedera helix, Rubus ursinus, Rhus diversiloba, Anthoxanthum odoratum, Prunus avium.*

Wetland Classification 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

Wetland Characterization Sheet

Project Name: North Albany II WI

Date(s) of field work:	**5/12/00**	Wetland Mapping Code:	**HRS-2Af**
Data Sheet Numbers:	**30, 31**	Size (acres):	**2.01**
Investigator(s):	**PF, FS**	Wetland Classification(s):	**PEMf**

Location -- Legal:	**T. 10S, R. 4W, Sections 25 and 26**
Other:	**South of Valley View Drive, west of Crocker Lane, norht of Squire Ln.**
Tax Lots:	**10S04W25 1600; 10S04W26 600**
Hydrologic basin:	**Horseshoe Lake**
Soil -- Mapped series:	**Dupee silt loam**
Hydrologic Source:	**Groundwater, precipitation**

Dominant Wetland Vegetation

TREES	SHRUBS	VINES	HERBS

Comments:
Wetland is farmed agricultural field. Extends into North Albany County Park (HRS-2B) along west edge and drains in narrow ditch to south. Adjacent land use is rural residential and agriculture. Zoned residential. Ditch may drain through subdivision/culverts and connect to HRS-7B.

Adjacent Upland Vegetation: *Lolium multiflorum*

Wetland Classification 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

Wetland Characterization Sheet

Project Name: North Albany LWI

Date(s) of field work:	**5/16/00**	Wetland Mapping Code:	**HRS-2B**
Data Sheet Numbers:	**32, 33**	Size (acres):	**0.29**
Investigator(s):	**PF, CR**	Wetland Classification(s):	**PEM**

Location -- Legal:	**T. 10S, R. 4W, Sections 25 and 26**
Other:	**North Albany Park along east edge**
Tax Lots:	**10S04W25 1600; 10S04W26 600**
Hydrologic basin:	**Horseshoe Lake**
Soil -- Mapped series:	**Dupee silt loam**
Hydrologic Source:	**Groundwater, precipitation**

Dominant Wetland Vegetation

TREES	SHRUBS	VINES	HERBS
Fraxinus latifolia	***Alnus rubra***		***Holcus lanatus***
			Poa annua
			Agrostis tenuis

Comments:
Small upper end of larger wetland in North Albany Park. Wetland is within a mowed lawn area on east side of Park. Extends into large farmed field (HRS-2Af).Adjacent land use is open space and agriculture. Zoned city park.

Adjacent Upland Vegetation: *Lolium multiflorum, Pseudotsuga menziesii, Crataegus monogyna, Festuca arundinacea, Anthoxanthum odoratum, Dactylis glomerata*

Wetland Classification 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

Wetland Characterization Sheet

Project Name: North Albany LWI

Date(s) of field work:	**5/12/00**	Wetland Mapping Code:	**HRS-3Af**
Data Sheet Numbers:	**34, 35, 37, 38**	Size (acres):	**1.34**
Investigator(s):	**PF, FS**	Wetland Classification(s):	**PEMf**

Location -- Legal:	**T. 10S, R. 4W, Section 25**
Other:	**South of Valley View Drive, west of Crocker Lane, north of Squire Ln.**
Tax Lots:	**10S04W25 1600**
Hydrologic basin:	**Horseshoe Lake**
Soil -- Mapped series:	**Willamette silt loam, Dupee silt loam**
Hydrologic Source:	**Groundwater, precipitation**

Dominant Wetland Vegetation

TREES	SHRUBS	VINES	HERBS
			Agrostis tenuis

Comments:
Farmed wetland drains south. Hydrologically connected to HRS-3B. Adjacent land use is agriculture and rural residential. Zoned residential.

Adjacent Upland Vegetation: *Lolium multiflorum, Lolium perenne*

Wetland Classification 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

Wetland Characterization Sheet

Project Name: North Albany LWI

Date(s) of field work:	**5/12/00**	Wetland Mapping Code:	**HRS-3B**
Data Sheet Numbers:	**36**	Size (acres):	**0.40**
Investigator(s):	**PF, FS**	Wetland Classification(s):	**PEM**

Location -- Legal:	**T. 10 S, R. 4W, Section 25**
Other:	**West edge of Crocker Lane, north of Squire Lane**
Tax Lots:	**10S04W25CC 100, 200; 10S04W25 1600**
Hydrologic basin:	**Horseshoe Lake**
Soil -- Mapped series:	**Willamette silt loam**
Hydrologic Source:	**Groundwater, surface water**

Dominant Wetland Vegetation

TREES	SHRUBS	VINES	HERBS
			Phalaris arundinacea
			Poa trivialis

Comments:

Small palustrine emergent wetland at downslope end of farmed wetland (HRS-3A). Hydrologically connected to HRS-3A and HRS-11B (via culvert under Crocker Lane). Adjacent land use is agriculture and residential. Zoned residential.

Adjacent Upland Vegetation: *Festuca arundinacea, Lolium multiflorum*

Wetland Classification 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

Wetland Characterization Sheet

Project Name: North Albany IL/WI

Date(s) of field work:	**5/5/00**	Wetland Mapping Code:	**HRS-4**
Data Sheet Numbers:	**39, 40**	Size (acres):	**0.23**
Investigator(s):	**PF, CR**	Wetland Classification(s):	**PEM**

Location -- Legal:	**North Albany County Park to Robin Hood Lane**
Other:	**T. 10S, R. 4W, Section 25; T. 10S, R. 4W, Section 26**
Tax Lots:	**10S04W25CC 2000; 10S04W26DD 100, 200, 300, 400, 600**
Hydrologic basin:	**Horseshoe Lake**
Soil -- Mapped series:	**Woodburn silt loam**
Hydrologic Source:	**Surface water**

Dominant Wetland Vegetation

TREES	SHRUBS	VINES	HERBS
	Lonicera involucrata	***Solanum dulcamara***	***Veronica americana***
	Populus trichocarpa		***Carex deweyana***
			Juncus patens
			Epilobium watsonii

Comments:

Narrow drainage and associated wetlands within narrow floodplain of stream. Begins in south end of park at a culvert and drains south through residential area, eventually connecting to HRS-7B. Adjacent land use and zoning is open space and residential.

Adjacent Upland Vegetation: R*ubus ursinus, Rubus discolor, Hypochaeris radicata, Festuca arundinacea, Crepis sp., Crataegus mongyna, Rhus diversiloba, Quercus garryana, Lonicera ciliosa, Pseudotsuga menziesii*

Wetland Classification 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

Wetland Characterization Sheet

Project Name: North Albany LWI

Date(s) of field work:	**4/20/00**	Wetland Mapping Code:	**HRS-5Af**
Data Sheet Numbers:	**41, 42, 43, 44, 45, 46**	Size (acres):	**5.99**
Investigator(s):	**PF, BC**	Wetland Classification(s):	**PEMf**

Location -- Legal:	**T. 10S, R. 4W, Section 26**
Other:	**South of Valley View, north of Gibson Hill, west of Crocker Lane**
Tax Lots:	**10S04W26 501, 502, 600**
Hydrologic basin:	**Horseshoe Lake**
Soil -- Mapped series:	**Woodburn silt loam, Dupee silt loam**
Hydrologic Source:	**Groundwater, precipitation**

Dominant Wetland Vegetation

TREES	SHRUBS	VINES	HERBS
	Rosa eglanteria		***Agrostis tenuis***
	Populus trichocarpa		***Alopecurus pratensis***
			Holcus lanatus

Comments:
Farmed wetland at north end of large field. Hydrologically connected to HRS-4 and HRS-5B by seasonal surface water flows. Adjacent land use is rural residential, agriculture, and open space. Zoned residential.

Adjacent Upland Vegetation: *Pseudotsuga menziesii, Crataegus monogyna, Anthoxanthum odoratum, Festuca arundinacea, Rubus ursinus, Rhus diversiloba, Cytisus scoparius, Lolium sp.*

Wetland Classification 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

Wetland Characterization Sheet

Project Name: North Albany LWI

Date(s) of field work:	**4/20/00**	Wetland Mapping Code:	**HRS-5B**
Data Sheet Numbers:	**47, 48**	Size (acres):	**0.50**
Investigator(s):	**PF, BC**	Wetland Classification(s):	**PFO**

Location -- Legal:	**T. 10S., R. 4W, Section 26**
Other:	**South of Valley View Drive, east of Scenic Drive, north of Gibson Hill**
Tax Lots:	**10S04W26 502**
Hydrologic basin:	**Horseshoe Lake**
Soil -- Mapped series:	**Woodburn silt loam**
Hydrologic Source:	**Groundwater, surface water**

Dominant Wetland Vegetation

TREES	SHRUBS	VINES	HERBS
Populus trichocarpa	*Rosa eglanteria*		*Juncus ensifolius*
			Agrostis stolonifera
			Agrostis tenuis
			Lotus corniculatus
			Juncus tenuis
			Holcus lanatus

Comments:
Small forested wetland at edge of ryegrass field. Hydrologically connected by small channel to HRS-5A. Evidence of saturation and shallow inundation seasonally. Adjacent land use is agriculture. Zoned residential.

Adjacent Upland Vegetation: *Festuca arundinacea, Anthoxanthum odoratum, Cytisus scoparius, Crataegus monogyna, Rhus diversiloba, Arbutus menziesii, Pseudotsuga menziesii*

Wetland Classification 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

Wetland Characterization Sheet

Project Name: North Albany II WI

Date(s) of field work:	**4/20/00**	Wetland Mapping Code:	**HRS-6**
Data Sheet Numbers:	**49, 147, 148**	Size (acres):	**0.15**
Investigator(s):	**PF, BC**	Wetland Classification(s):	**PEM**

Location -- Legal:	**T. 10 S, R. 4W, Section 26**
Other:	**South of Valley View, east of Scenic Drive**
Tax Lots:	**10S04W26 400**
Hydrologic basin:	**Horseshoe Lake**
Soil -- Mapped series:	**Dupee silt loam, Woodburn silt loam, Veneta loam**
Hydrologic Source:	**Groundwater, precipitation**

Dominant Wetland Vegetation

TREES	SHRUBS	VINES	HERBS
Populus trichocarpa			***Agrostis tenuis***
			Holcus lanatus

Comments:
Small wetland associated with seep from hillside. Drains south through Christmas tree farm to narrow channel. Adjacent land use is agriculture. Zoned residential.

Adjacent Upland Vegetation: *Anthoxanthum odoratum, Crataegus monogyna, Rubus discolor, Festuca arundinacea, Dactylus glomerata, Cirsium arvense, Picea sp., Abies sp.*

Wetland Classification 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

Wetland Characterization Sheet

Project Name: North Albany LWI

Date(s) of field work:	**4/20/00**	Wetland Mapping Code:	**HRS-7Af**
Data Sheet Numbers:	**50-63**	Size (acres):	**33.96**
Investigator(s):	**PF, BC**	Wetland Classification(s):	**PEMf**

Location -- Legal:	**T. 10S, R. 4W, Sections 26, 35, and 36**
Other:	**South of Valley View, east of Scenic Drive, north of Gibson Hill**
Tax Lots:	**10S04W26DD 1900; 10S04W35 100, 200; 10S04W35AB 100, 1100; 10S04W35AC 9100, 9200, 9300, 11900; 10S04W36 1000**
Hydrologic basin:	**Horseshoe Lake**
Soil -- Mapped series:	**Woodburn silt loam, Concord silt loam, Amity silt loam, Waldo silty clay loam, Willamette silt loam**
Hydrologic Source:	**Groundwater**

Dominant Wetland Vegetation

TREES	SHRUBS	VINES	HERBS
			Ludwigia palustris

Comments:
Large farmed wetland ryegrass field. Drains east and hydrologically connected to HRS-7B. Adjacent land use is primarily agriculture, with scattered residential.Zoned residential.

Adjacent Upland Vegetation: *Lolium multiflorum*

Wetland Classification 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

Wetland Characterization Sheet

Project Name: North Albany LWI

Date(s) of field work:	5/5/00	Wetland Mapping Code:	HRS-7B
Data Sheet Numbers:	64, 65, 66, 67	Size (acres):	8.32
Investigator(s):	PF, CR	Wetland Classification(s):	PFO, PEM

Location -- Legal:	**T. 10S, R. 4W, Sections 25, 35 and 36**
Other:	**West of Crocker Lane, south of Robin Hood Lane**
Tax Lots:	**10S04W25CC 4100, 4200, 4300, 4500, 4600, 4700, 4800, 5000, 5100, 5200**
	10S04W35 100; 10S04W36 1000
Hydrologic basin:	**Horseshoe Lake**
Soil -- Mapped series:	**Waldo silty clay loam, Willamette silt loam**
Hydrologic Source:	**Surface water, groundwater**

Dominant Wetland Vegetation

TREES	SHRUBS	VINES	HERBS
Fraxinus latifolia	*Rosa eglanteria*	*Solanum dulcamara*	*Phalaris arundinacea*
	Crataegus douglasii		*Juncus patens*
	Rosa pisocarpa		*Holcus lanatus*
	Fraxinus latifolia		*Camassia quamash*
			Glyceria sp.
			Alopecurus pratense
			Agrostis tenuis
			Poa trivialis
			Geum macrophyllum
			Carex densa

Comments: **Locally Significant Wetland**

High quality mostly forested wetland. Downslope extension of HRS-7A. Hydrologically connected to HRS-4, HRS-7A and HRS-11C(?). Culverted under Crocker Lane. Variety of vegetation strata and small areas of inundation. Becomes more defined channel near Crocker Lane. Adjacent land use is residential and agriculture. Zoned residential.

Adjacent Upland Vegetation: *Festuca arundinacea, Lolium sp., Dactylis glomerata, Rubus discolor, Symphoricarpos albus, Polystichum munitum, Rhus diversiloba*

Wetland Classification 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

Wetland Characterization Sheet

Project Name: North Albany LWI

Date(s) of field work:	**5/5/00**	Wetland Mapping Code:	**HRS-8Af**
Data Sheet Numbers:	**70**	Size (acres):	**0.40**
Investigator(s):	**PF, CR**	Wetland Classification(s):	**PEMf**

Location -- Legal:	**T. 10S, R. 4W, Section 35 and 36**
Other:	**West of Crocker Lane, north of Dover Ln, south of Robin Hood Ln.**
Tax Lots:	**10S04W35 100; 10S04W36 1300**
Hydrologic basin:	**Horseshoe Lake**
Soil -- Mapped series:	**Amity silt loam**
Hydrologic Source:	**Groundwater, precipitation**

Dominant Wetland Vegetation

TREES	SHRUBS	VINES	HERBS

Comments:
Small farmed wetland drains to north east. Hydrologically connected to HRS-8B by seasonal surface water/groundwater. Adjacent land use is agriculture. Zoned residential

Adjacent Upland Vegetation: *Lolium multiflorum*

Wetland Classification 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

Wetland Characterization Sheet

Project Name: North Albany LWI

Date(s) of field work:	**5/5/00**	Wetland Mapping Code:	**HRS-8B**
Data Sheet Numbers:	**N/A**	Size (acres):	**0.48**
Investigator(s):	**PF, CR**	Wetland Classification(s):	**PEM**

Location -- Legal:	**T. 10S, R. 4W, Section 36**
Other:	**West of Crocker Lane, north of Dover Ln, south of Robin Hood Ln.**
Tax Lots:	**10S04W36 1000, 1300; 10S04W36BB 1500**
Hydrologic basin:	**Horseshoe Lake**
Soil -- Mapped series:	**Amity silt loam, Concord silt loam, Willamette silt loam**
Hydrologic Source:	**Surface water, groundwater**

Dominant Wetland Vegetation

TREES	SHRUBS	VINES	HERBS
			Juncus effusus

Comments:
Small drainage through field drains to pond. Site previously delineated (DSL #94-370). Determined to be waters of the state and artificially created pond. Drains to north east. Hydrologically connected to HRS-8A and 8C by seasonal surface water/groundwater Adjacent land use is agriculture. Zoned residential.

Adjacent Upland Vegetation: *Dactylus glomerata, Cirsium arvense, Festuca arundinacea*

Wetland Classification 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

Wetland Characterization Sheet

Project Name: North Albany LWI

Date(s) of field work:	**5/5/00**	Wetland Mapping Code:	**HRS-8C**
Data Sheet Numbers:	**68, 69**	Size (acres):	**0.66**
Investigator(s):	**PF, CR**	Wetland Classification(s):	**PEM**

Location -- Legal:	**T. 10S, R. 4W, Section 36**
Other:	**West of Crocker Lane, north of Dover Ln, south of Robin Hood Ln.**
Tax Lots:	**10S04W36 1000; 10S04W36BB 1400, 1500**
Hydrologic basin:	**Horseshoe Lake**
Soil -- Mapped series:	**Willamette silt loam**
Hydrologic Source:	**Surface water, groundwater**

Dominant Wetland Vegetation

TREES	SHRUBS	VINES	HERBS
	Rosa eglanteria		***Alopecuris pratensis***
	Crataegus douglasii		***Rumex crispus***

Comments:
Small farmed wetland drains to north east. Hydrologically connected to HRS-8B by seasonal surface water/groundwater and HRS-11C (?). Very incised channel along south edge drains from pond to south. Culvert under Crocker Lane. Adjacent land use is agriculture. Zoned residential

Adjacent Upland Vegetation: *Lolium multiflorum, Dactylus glomerata, Cirsium arvense, Festuca arundinacea*

Wetland Classification 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

Wetland Characterization Sheet

Project Name: North Albany LWI

Date(s) of field work:	**5/5/00**	Wetland Mapping Code:	**HRS-8Df**
Data Sheet Numbers:	**N/A**	Size (acres):	**0.36**
Investigator(s):	**PF, CR**	Wetland Classification(s):	**PEMf**

Location -- Legal:	**T. 10S, R. 4W, Section 36**
Other:	**West of Crocker Lane, north of Dover Ln, south of Robin Hood Ln.**
Tax Lots:	**10S04W36 100**
Hydrologic basin:	**Horseshoe Lake**
Soil -- Mapped series:	**Willamette silt loam**
Hydrologic Source:	**Groundwater, precipitation**

Dominant Wetland Vegetation

TREES	SHRUBS	VINES	HERBS

Comments:
Farmed wetland field in southeast corner. Hydrologically connected to HRS-8C by seasonal surface water/groundwater. Adjacent land use is agriculture. Zoned residential.

Adjacent Upland Vegetation: Lolium multiflorum

Wetland Classification 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

Wetland Characterization Sheet

Project Name: North Albany LWI

Date(s) of field work:	**N/A**	Wetland Mapping Code:	**HRS-8E**
Data Sheet Numbers:	**N/A**	Size (acres):	**0.27**
Investigator(s):	**PF, CR**	Wetland Classification(s):	**PEM**

Location -- Legal:	**T. 10S, R. 4W, Section 36**
Other:	**West of Crocker Lane, north of Dover Ln, south of Robin Hood Ln.**
Tax Lots:	**10S04W36 1000; 10S04W36BB 1400**
Hydrologic basin:	**Horseshoe Lake**
Soil -- Mapped series:	**Willamette silt loam**
Hydrologic Source:	**Surface water, groundwater**

Dominant Wetland Vegetation

TREES	SHRUBS	VINES	HERBS
			Juncus effusus
			Phalaris arundinacea
			Agrostis tenuis

Comments:
Small drainage through field drains to north east. Hydrologically connected to HRS-8C and 9 by seasonal surface water/groundwater DSL Determination #00-0035. Adjacent land use is agriculture. Zoned residential.

Adjacent Upland Vegetation: *Dactylus glomerata, Cirsium arvense, Festuca arundinacea*

Wetland Classification 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

Wetland Characterization Sheet

Project Name: North Albany LWI

Date(s) of field work:	**7/20/00**	Wetland Mapping Code:	**HRS-9**
Data Sheet Numbers:	**71, 72**	Size (acres):	**1.70**
Investigator(s):	**PF, CR**	Wetland Classification(s):	**PFO, PEM**

Location -- Legal:	**T. 10S, R. 4W, Section 36**
Other:	**North of Gibson Hill Road, west of Crocker Ln., north and s. of Dover Ln.**
Tax Lots:	**10S04W36BC 103, 200, 400, 602, 701, 1500, 1600, 4200**
Hydrologic basin:	**Horseshoe Lake**
Soil -- Mapped series:	**Woodburn silt loam**
Hydrologic Source:	**Surface water, precipitation**

Dominant Wetland Vegetation

TREES	SHRUBS	VINES	HERBS
Fraxinus latifolia	*Crataegus douglasii*		*Callitriche sp.*
Populus trichocarpa			*Holcus lanatus*
			Juncus patens
			Agrostis tenuis

Comments:

Small perennial drainage originates immediately north of Gibson Hill Road. Flows north and east, crosses under Dover Lane. Hydrologically connected to HRS-8C near Crocker Lane. Narrow channel drains into recently altered site south of Dover Ln. Recently excavated ditch now directs water along south and east edge of property (TL#00200). Adjacent land use is residential. Zoned residential

Adjacent Upland Vegetation: *Rhus diversiloba, Festuca arundinacea, Rubus discolor, Corylus cornuta, Hypochaeris radicata*

Wetland Classification 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

Wetland Characterization Sheet

Project Name: North Albany LWI

Date(s) of field work:	**5/26/00**	Wetland Mapping Code:	**HRS-10A**
Data Sheet Numbers:	**N/A**	Size (acres):	**0.17**
Investigator(s):	**CR, FS**	Wetland Classification(s):	**PEM**

Location -- Legal:	**T. 10S, R. 4W, Section 25**
Other:	**East of Crocker Lane, south of Bloom Lane**
Tax Lots:	**10S04W25CA 402, 600, 1101**
Hydrologic basin:	**Horseshoe Lake**
Soil -- Mapped series:	**Willamette silt loam**
Hydrologic Source:	**Groundwater**

Dominant Wetland Vegetation

TREES	SHRUBS	VINES	HERBS
			Juncus patens
			Poa pratensis
			Agrostis tenuis
			Holcus lanatus

Comments:
Small shallow swale drains south to created pond Hydrologically connected to HRS-10B via small culvert. Adjacent land use is rural residential and agriculture. Zoned residential.

Adjacent Upland Vegetation: *Festuca arundinacea, Anthoxanthum odoratum, Vicia americana, Bromus sp.*

Wetland Classification 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

Wetland Characterization Sheet

Project Name: North Albany LWI

Date(s) of field work:	**5/26/00**	Wetland Mapping Code:	**HRS-10B**
Data Sheet Numbers:	**73, 74, 75**	Size (acres):	**0.74**
Investigator(s):	**CR, FS**	Wetland Classification(s):	**PEM, PAB**

Location -- Legal:	**T. 10S, R. 4W, Section 25**
Other:	**East of Crocker Lane, south of Bloom Lane**
Tax Lots:	**10S04W25CA 1101**
Hydrologic basin:	**Horseshoe Lake**
Soil -- Mapped series:	**Willamette silt loam**
Hydrologic Source:	**Groundwater, surface water**

Dominant Wetland Vegetation

TREES	SHRUBS	VINES	HERBS
			Juncus patens
			Poa pratensis
			Agrostis tenuis
			Typha latifolia
			Eleocharis palustris
			Glyceria sp.
			Veronica americana
			Callitriche stagnalis

Comments:
Small shallow swale drains south to created pond then to narrow channel to south. Hydrologically connected to HRS-10A via small culvert. Adjacent land use is rural residential and agriculture. Zoned residential.

Adjacent Upland Vegetation: *Festuca arundinacea, Anthoxanthum odoratum, Vicia americana, Bromus sp.*

Wetland Classification 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

Wetland Characterization Sheet

Project Name: North Albany LWI

Date(s) of field work:	**5/26/00**	Wetland Mapping Code:	**HRS-10C**
Data Sheet Numbers:	**N/A**	Size (acres):	**0.39**
Investigator(s):	**PF, FS**	Wetland Classification(s):	**PEM, PSS**

Location -- Legal:	**T. 10S, R. 4W, Section 25**
Other:	**East of Crocker Lane, south of Bloom Lane**
Tax Lots:	**10S04W25 1404; 10S04W25CA 1101; 10S04W25CD 1400, 1500**
Hydrologic basin:	**Horseshoe Lake**
Soil -- Mapped series:	**Willamette silt loam**
Hydrologic Source:	**Surface water, groundwater**

Dominant Wetland Vegetation

TREES	SHRUBS	VINES	HERBS
Fraxinus latifolia	***Salix spp.***		***Juncus patens***
	Fraxinus latifolia		***Geum macrophyllum***
			Agrostis tenuis
			Rumex crispus
			Stachys cooleyae
			Oeanthe sarmentosa
			Mimulus sp.

Comments: **Locally Significant Wetland**

Drainage from north culverted under new road. Palustrine scrub shrub to north of new road, emergent below culvert and then becomes forested to south. DSL Det #97-0435. Hydrologically connected to HRS-10B by culvert. Adjacent land use is residential. Zoned residential.

Adjacent Upland Vegetation: *Festuca arundinacea, Anthoxanthum odoratum, Vicia americana, Bromus sp., Pseudotsuga menziesii*

Wetland Classification 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

Wetland Characterization Sheet

[redacted]

Date(s) of field work:	**5/12/00**	Wetland Mapping Code:	**HRS-11A**
Data Sheet Numbers:	**N/A**	Size (acres):	**1.32**
Investigator(s):	**PF, FS**	Wetland Classification(s):	**PEM, PSS**

Location -- Legal:	**T. 10S, R. 4W, Section 25 and 36**
Other:	**East of Crocker Lane, south of Meadow Wood Drive**
Tax Lots:	**10S04W25CD 100, 200, 300, 400, 500, 600; 10S04W36 700**
Hydrologic basin:	**Horseshoe Lake**
Soil -- Mapped series:	**Willamette silt loam**
Hydrologic Source:	**Groundwater, precipitation**

Dominant Wetland Vegetation

TREES	SHRUBS	VINES	HERBS
	Salix sp.		***Juncus patens***
	Fraxinus latifolia		***Agrostis alba***
			Holcus lanatus
			Typha latifolia
			Oenanthe sarmentosa

Comments: **Locally Significant Wetland**

Narrow drainage drains south along back of residential lots. Willow dominated area extends upslope. Hydrologically connected to HRS-11B and HRS-3Af. Adjacent land use is residential. Zoned residential.

Adjacent Upland Vegetation: *Festuca arundinacea, Quercus garryana*

Wetland Classification 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

Wetland Characterization Sheet

Project Name: North Albany LWI

Date(s) of field work:	**5/12/00**	Wetland Mapping Code:	**HRS-11B**
Data Sheet Numbers:	**76, 77, 78**	Size (acres):	**4.01**
Investigator(s):	**PF, FS**	Wetland Classification(s):	**PEM**

Location -- Legal:	**T. 10S, R. 4W, Section 25 and 36**
Other:	**East of Crocker Lane, south of Meadow Wood Drive**
Tax Lots:	**10S04W25CD 100; 10S04W36 500, 600, 700; 10S04W36BB 200**
Hydrologic basin:	**Horseshoe Lake**
Soil -- Mapped series:	**Willamette silt loam**
Hydrologic Source:	**Surface water, groundwater**

Dominant Wetland Vegetation

TREES	SHRUBS	VINES	HERBS
			Juncus patens
			Poa pratensis
			Holcus lanatus
			Scirpus microcarpus
			Alopecurus pratensis
			Rumex crispus
			Ranunculus repens
			Juncus effusus
			Alopecurus geniculatus
			Trifolium repens

Comments:
Grazed wetland pasture drains east to creek. Hydrologically connected to HRS-11A and 11C. Shallow channel carrys seasonal surface water to creek along east edge of property. Adjacent land use is rural residential. Zoned residential.

Adjacent Upland Vegetation: *Festuca arundinacea*

Wetland Classification 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

Wetland Characterization Sheet

Project Name: North Albany LWI

Date(s) of field work:	**5/12/00**	Wetland Mapping Code:	**HRS-11C**
Data Sheet Numbers:	**79, 80, 81, 82**	Size (acres):	**7.53**
Investigator(s):	**PF, FS**	Wetland Classification(s):	**PEM**

Location -- Legal:	**T. 10S, R. 4W, Sections 25 and 36**
Other:	**East of Crocker Lane, south of Meadow Wood Drive.**
Tax Lots:	**10S04W25 104; 1404; 10S04W25CD 800, 900, 1000; 10S04W36 500, 600, 700; 10S04W36BB 100, 200, 300, 400, 401**
Hydrologic basin:	**Horseshoe Lake**
Soil -- Mapped series:	**Malabon silty clay loam, Willamette silt loam, Waldo silty clay loam**
Hydrologic Source:	**Surface water, groundwater**

Dominant Wetland Vegetation

TREES	SHRUBS	VINES	HERBS
			Juncus patens
			Veronica americana
			Holcus lanatus
			Epilobium watsonii
			Ranunculus orthorhynchus
			Rumex crispus
			Ranunculus uncinatus
			Carex deweyana
			Carex stipata

Comments: **Locally Significant Wetland**

Recently logged area dominated by herbaceous species. Three drainages come together, hydrologically connecting HRS-7B, 8, 9, and 11F. Adjacent land use is agriculture (pasture) and rural residential. Drainages converge and flow northeast to Horseshoe Lake.

Adjacent Upland Vegetation: *Festuca arundinacea, Galium sp., Vicia sativa, Cirsium arvense, Anthoxanthum odoratum*

Wetland Classification 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

Wetland Characterization Sheet

Project Name: North Albany LWI

Date(s) of field work:	**7/20/00**	Wetland Mapping Code:	**HRS-11D**
Data Sheet Numbers:	**83, 84**	Size (acres):	**0.22**
Investigator(s):	**PF, CR**	Wetland Classification(s):	**PEM**

Location -- Legal:	**T. 10S, R. 4W, Section 36**
Other:	**East of Crocker Lane, north of 20th Place**
Tax Lots:	**10S04W36BB 500, 1200**
Hydrologic basin:	**Horseshoe Lake**
Soil -- Mapped series:	**Willamette silt loam**
Hydrologic Source:	**Groundwater, precipitation**

Dominant Wetland Vegetation

TREES	SHRUBS	VINES	HERBS
			Juncus patens
			Juncus effusus
			Agrostis tenuis
			Alopecurus pratensis
			Holcus lanatus

Comments:
Drainage swale in grazed pasture. Drains north in narrow channel and hydrologically connected to HRS-11C and 11E. Adjacent land use is rural residential. Zoned residential.

Adjacent Upland Vegetation: *Festuca arundinacea, Rubus discolor*

Wetland Classification 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

Wetland Characterization Sheet

Project Name: North Albany LWI

Date(s) of field work:	**7/20/00**	Wetland Mapping Code:	**HRS-11E**
Data Sheet Numbers:	**85**	Size (acres):	**0.27**
Investigator(s):	**PF, CR**	Wetland Classification(s):	**PEM**

Location -- Legal:	**T. 10S, R. 4W, Section 36**
Other:	**East of Crocker Lane, south of 20th Place**
Tax Lots:	**10S04W36BD 12600**
Hydrologic basin:	**Horseshoe Lake**
Soil -- Mapped series:	**Willamette silt loam**
Hydrologic Source:	**Groundwater, precipitation**

Dominant Wetland Vegetation

TREES	SHRUBS	VINES	HERBS
			Juncus patens
			Veronica americana
			Agrostis stolonifera
			Alopecurus pratensis
			Holcus lanatus
			Rorippa curvisiliqua
			Stachys cooleyae
			Phalaris arundinacea
			Rumex crispus
			Rorippa nasturtium aquaticum

Comments:
Drainage swale in field. Drains north and hydrologically connected to HRS-11D via small culvert under road. Very wet at upper end, possibly spring fed. Adjacent land use is residential. Zoned residential.

Adjacent Upland Vegetation: *Festuca arundinacea*

Wetland Classification 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

Wetland Characterization Sheet

Project Name: North Albany LWI

Date(s) of field work:	**7/20/00**	Wetland Mapping Code:	**HRS-11F**
Data Sheet Numbers:	**86, 87**	Size (acres):	**0.04**
Investigator(s):	**PF, CR**	Wetland Classification(s):	**PEM**

Location -- Legal:	**T. 10S, R. 4W, Section 36**
Other:	**East of Crocker Lane, north of 20th Place**
Tax Lots:	**10S04W36BB 1200**
Hydrologic basin:	**Horseshoe Lake**
Soil -- Mapped series:	**Willamette silt loam**
Hydrologic Source:	**Surface water, groundwater**

Dominant Wetland Vegetation

TREES	SHRUBS	VINES	HERBS
Fraxinus	*Physocarpus captitatus*		*Poa trivialis*
	Rosa sp.		*Holcus lanatus*
			Agrostis stolonifera

Comments:

Drainage swale in field. Drains north and hydrologically connected to HRS-11C via small channel and HRS-11G. . Adjacent land use is residential. Zoned residential.

Adjacent Upland Vegetation: *Festuca arundinacea, Anthoxanthum odoratum, Dactylus glomerata, Vicia tetrasperma, Rubus discolor, Rubus ursinus, Quercus garryana, Pseudotsuga menziesii*

Wetland Classification 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

Wetland Characterization Sheet

Project Name: North Albany LWI

Date(s) of field work:	**7/20/00**	Wetland Mapping Code:	**HRS-11G**
Data Sheet Numbers:	**88, 89**	Size (acres):	**0.16**
Investigator(s):	**PF, CR**	Wetland Classification(s):	**PAB, PSS**

Location -- Legal:	**T. 10S, R. 4W, Section 36**
Other:	**East of Crocker Lane, south of 20th Place**
Tax Lots:	**10S04W36BD 12600**
Hydrologic basin:	**Horseshoe Lake**
Soil -- Mapped series:	**Willamette silt loam**
Hydrologic Source:	**Surface water, groundwater**

Dominant Wetland Vegetation

TREES	SHRUBS	VINES	HERBS
	Salix lasiandra		***Typha latifolia***
			Phalaris arundinacea
			Ludwigia palustris
			Nuphar luteum

Comments:
Small pond at upper end of drainage. Drains north and hydrologically connected to HRS-11F and HRS-11H . Adjacent land use is residential. Zoned residential.

Adjacent Upland Vegetation: *Festuca arundinacea, Prunella vulgaris, Agrostis tenuis, Poa pratensis, Taraxacum officinale*

Wetland Classification 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

Wetland Characterization Sheet

Project Name: North Albany LWI

Date(s) of field work:	**5/26/00**	Wetland Mapping Code:	**HRS-11H**
Data Sheet Numbers:	**90, 91**	Size (acres):	**0.02**
Investigator(s):	**FS, CR**	Wetland Classification(s):	**PEM**

Location -- Legal:	**T. 10S, R. 4 W, Section 36**
Other:	**Riverview Park, north of Critenden Loop, east of Crocker Lane**
Tax Lots:	**10S04W36BD 11300**
Hydrologic basin:	**Horseshoe Lake**
Soil -- Mapped series:	**Willamette silt loam**
Hydrologic Source:	**Groundwater, stormwater**

Dominant Wetland Vegetation

TREES	SHRUBS	VINES	HERBS
			Typhia latifolia
			Phalaris arundinacea
			Trifolium repens

Comments:

Small depression and channel in Riverview Heights Park. Drains north and hydrologically connected by culvert to HRS-11G. All mowed grass, no buffer. Adjacent land use is residential and open space. Zoned open space.

Adjacent Upland Vegetation: *Festuca arundinacea, Chrysanthemum leucanthemum, Hypochaeris radicata, Poa annua, Chrysanthemum leucanthemum.*

Wetland Classification 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

Wetland Characterization Sheet

Project Name: North Albany LWI

Date(s) of field work:	**5/16/00**	Wetland Mapping Code:	**HRS-12A**
Data Sheet Numbers:	**N/A**	Size (acres):	**0.48**
Investigator(s):	**PF, CR**	Wetland Classification(s):	**PEM**

Location -- Legal:	**T. 10S, R. 4W, Sections 25 and 36**
Other:	**East of Crocker Lane, north of 21st Ave., south of Meadow Wood**
Tax Lots:	**10S04W25 104; 10S04W36 400**
Hydrologic basin:	**Horseshoe Lake**
Soil -- Mapped series:	**Willamette silt loam**
Hydrologic Source:	**Groundwater, precipitation**

Dominant Wetland Vegetation

TREES	SHRUBS	VINES	HERBS
			Phalaris arundinacea
			Agrostis tenusis

Comments:

Drainage swale at north end of old orchard. Drains north and hydrologically connected to HRS-11B . Adjacent land use is agricultural. Zoned rural residential

Adjacent Upland Vegetation: *Festuca arundinacea, Anthoxanthum odoratum, Agrostis tenuis, Galium aparine, Cytisus scoparius*

Wetland Classification 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

Wetland Characterization Sheet

Project Name: North Albany LWI

Date(s) of field work:	**5/16/00**	Wetland Mapping Code:	**HRS-12B**
Data Sheet Numbers:	**92, 93**	Size (acres):	**0.84**
Investigator(s):	**PF, CR**	Wetland Classification(s):	**PEM**

Location -- Legal:	**T. 10S, R. 4W, Section 36**
Other:	**East of Crocker Lane, north of 21st Ave., south of Meadow Wood**
Tax Lots:	**10S04W36 400**
Hydrologic basin:	**Horseshoe Lake**
Soil -- Mapped series:	**Willamette silt loam**
Hydrologic Source:	**Groundwater, precipitation**

Dominant Wetland Vegetation

TREES	SHRUBS	VINES	HERBS
			Juncus patens
			Carex feta
			Phalaris arundinacea
			Agrostis tenusis
			Eleocharis palustris

Comments:
Drainage swale at north end of old orchard. Drains north and hydrologically connected to HRS-12A by culvert under old farm road. Adjacent land use is agricultural. Zoned rural residential

Adjacent Upland Vegetation: *Festuca arundinacea, Anthoxanthum odoratum, Agrostis tenuis, Galium aparine*

Wetland Classification 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

Wetland Characterization Sheet

Project Name: North Albany LWI

Date(s) of field work:	**5/16/00**	Wetland Mapping Code:	**HRS-13**
Data Sheet Numbers:	**94, 95**	Size (acres):	**0.64**
Investigator(s):	**PF, CR**	Wetland Classification(s):	**PEM, PSS**

Location -- Legal:	**T. 10S, R. 4W, Section 36**
Other:	**East of Crocker Lane, north of 21st Avenue**
Tax Lots:	**10S04W36 400**
Hydrologic basin:	**Horseshoe Lake**
Soil -- Mapped series:	**Willamette silt loam**
Hydrologic Source:	**Surface water, groundwater**

Dominant Wetland Vegetation

TREES	SHRUBS	VINES	HERBS
Salix lasiandra	***Cornus stolonifera***		***Phalaris arundinacea***
	Salix lasiandra		***Holcus lanatus***
	Crataegus douglasii		***Agrostis tenuis***
			Carex spp.

Comments: **Locally Significant Wetland**

Scrub shrub (10%) and emergent wetland (90%) in old orchard drains north and outside of UGB to Horseshoe Lake. Wetland fed by small drainage through orchard, terminating at residential subdivision near Park Terrace. Adjacent land use is agricultural and residential. Zoned rural residential.

Adjacent Upland Vegetation: *Festuca arundinacea, Corylus cornuta*

Wetland Classification 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

Wetland Characterization Sheet

Project Name: North Albany LWI

Date(s) of field work:	**5/16/00**	Wetland Mapping Code:	**HRS-14**
Data Sheet Numbers:	**N/A**	Size (acres):	**1.06**
Investigator(s):	**PF, CR**	Wetland Classification(s):	**PEM**

Location -- Legal:	**T. 10S, R. 4W, Section 36**
Other:	**North of Cascade Heights Drive, w.edge of Horseshoe Lake**
Tax Lots:	**10So4W36AA 900, 3500**
Hydrologic basin:	**Horseshoe Lake**
Soil -- Mapped series:	**Wapato silty clay loam**
Hydrologic Source:	**Surface water**

Dominant Wetland Vegetation

TREES	SHRUBS	VINES	HERBS
Fraxinus latifolia			*Phalaris arundinacea*
			Holcus lanatus
			Alopecuris geniculatus
			Carex obnupta

ments: **Locally Significant Wetland**

edge of Horseshoe Lake in Cascade Heights subdivision. Previously delineated (DSL# 94-0214).
raphic break along edge of wetland separating it from adjacent residential development.

t Upland Vegetation: *Festuca arundinacea, Pseudotsuga menziesii*

ssification Codes: E2FO = estuarine forested E2SS = estuarine scrub shrub E2EM = estuarine emergent
rine forested PSS = palustrine scrub-shrub PEM = palustrine emergent POW = palustrine open water

Wetland Characterization Sheet

Project Name: North Albany LWI

Date(s) of field work:	**6/15/00**	Wetland Mapping Code:	**SPH-1A**
Data Sheet Numbers:	**96, 97**	Size (acres):	**0.66**
Investigator(s):	**JVS, SE**	Wetland Classification(s):	**PEM**

Location -- Legal:	**T. 10S, R, 4W, S. 36**
Other:	**Corner of Gibson Hill Road and North Albany Road**
Tax Lots:	**10S04W36DB 200, 201, 300**
Hydrologic basin:	**Springhill**
Soil -- Mapped series:	**Veneta loam**
Hydrologic Source:	**Groundwater**

Dominant Wetland Vegetation

TREES	SHRUBS	VINES	HERBS
Populus trichocarpa			*Juncus patens*
			Carex unilateralis
			Holcus lanatus
			Alopecuris pratensis

Comments:

Shallow swale and drainage from hillside. Drains east and hydrologically connected to SPH-1B. Wetland is mosaic (50% wetland, 50% upland) within water line easement. Some recent disturbance at downslope end near City pump station. Area zoned residential and existing land use is residential.

Adjacent Upland Vegetation: *Rubus ursinus, Rubus discolor, Festuca arundinacea, Pseudotsuga menziesii, Acer macrophyllum, Crataegus monogyna, Ilex aquifolium, Hedera helix, Galium aparine*

Wetland Classification 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

Wetland Characterization Sheet

Project Name: North Albany LWI

Date(s) of field work:	**6/2/00**	Wetland Mapping Code:	**SPH-1B**
Data Sheet Numbers:	**98, 99**	Size (acres):	**0.55**
Investigator(s):	**PF, SE**	Wetland Classification(s):	**PSS, PFO**

Location -- Legal:	**T.10S, R. 04W, Section 36**
Other:	**West edge of North Albany Road at Gibson Hill Road**
Tax Lots:	**10S04W36DB 200, 202**
Hydrologic basin:	**Springhill**
Soil -- Mapped series:	**Hazelair complex**
Hydrologic Source:	**Surface water, groundwater**

Dominant Wetland Vegetation

TREES	SHRUBS	VINES	HERBS
Salix lasiandra	***Malus fusca***		***Juncus patens***
Populus trichocarpa	***Populus trichocarpa***		***Phalaris arundinacea***
	Rosa pisocarpa		***Poa trivialis***
	Cornus stolonifera		***Carex densa***
			Myosotis discolor
			Juncus effusus

Comments:
Small forested drainage hydrologically connected to SPH-1A by surface water. Channel drains south with narrow adjacent wetland to west. Channel approximately 1-2 feet wide with flowing water. Wetland is 85% scrub shrub and 15% forested. Zoned residential and adjacent land use is residential.

Adjacent Upland Vegetation: *Rubus ursinus, Rubus discolor, Rhus diversiloba, Crataegus monogyna, Corylus cornuta, Quercus garryana, Polystichum munitum, Sequoia sempervirens*

Wetland Classification 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

Wetland Characterization Sheet

Project Name: North Albany LWI

Date(s) of field work:	**7/13/00**	Wetland Mapping Code:	**SPH-2A**
Data Sheet Numbers:	**100**	Size (acres):	**0.11**
Investigator(s):	**CR, SE**	Wetland Classification(s):	**PEM**

Location -- Legal:	**T.10S, R. 4W, Section 36**
Other:	**North of West Thornton Lake Drive, West of North Albany Road**
Tax Lots:	**10S04W36DC 300**
Hydrologic basin:	**Springhill**
Soil -- Mapped series:	**Coburg silty clay loam**
Hydrologic Source:	**groundwater, sheetflow, precipitation**

Dominant Wetland Vegetation

TREES	SHRUBS	VINES	HERBS
			Agrostis stolonifera
			Holcus lanatus
			Alopecurus pratensis

Comments:
Mown field, adjacent to a church parking lot.

Adjacent Upland Vegetation: *Festuca arundinacea*

Wetland Classification 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

Wetland Characterization Sheet

Project Name: North Albany LWI

Date(s) of field work:	**7/13/00**	Wetland Mapping Code:	**SPH-2B**
Data Sheet Numbers:	**101, 102, 103, 104**	Size (acres):	**0.09**
Investigator(s):	**CR, SE**	Wetland Classification(s):	**PEM**

Location -- Legal:	**T. 10S, R. 4W, Section 36**
Other:	**North of West Thornton Lake Drive, West of North Albany Road**
Tax Lots:	**10S04W36DC 200**
Hydrologic basin:	**Springhill**
Soil -- Mapped series:	**Coburg silty clay loam**
Hydrologic Source:	**groundwater, sheetflow, precipitation**

Dominant Wetland Vegetation

TREES	SHRUBS	VINES	HERBS
			Juncus tenuis
			Alopecurus praetnsis
			Holcus lanatus
			Agrostis stolonifera
			Carex densa
			Callitriche stagnalis
			Rumex crispus
			Juncus effusus

Comments:
Mown field, adjacent to a church parking lot. Hydrologically connected to a drainage ditch.

Adjacent Upland Vegetation: *Festuca arundinacea, Taraxacum officinale, Hypochaeris radicata, Anthoxanthum odoratum*

Wetland Classification 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

Wetland Characterization Sheet

Project Name: North Albany LWI

Date(s) of field work:	**7/13/00**	Wetland Mapping Code:	**SPH-2C**
Data Sheet Numbers:	**105, 106**	Size (acres):	**0.06**
Investigator(s):	**CR, SE**	Wetland Classification(s):	**PSS**

Location -- Legal:	**T. 10S, R. 4W, Section 36**
Other:	**North of West Thornton Lake Drive, West of North Albany Road**
Tax Lots:	**10S04W36DC 100, 200**
Hydrologic basin:	**Springhill**
Soil -- Mapped series:	**Coburg silty clay loam**
Hydrologic Source:	**groundwater, sheetflow, precipitation**

Dominant Wetland Vegetation

TREES	SHRUBS	VINES	HERBS
Fraxinus latifolia	***Populus trichocarpa***		***Phalaris arundinacea***
	Fraxinus latifolia		***Alopecurus praetnsis***
			Agrostis stolonifera
			Holcus lanatus

Comments:

Adjacent Upland Vegetation: *Festuca arundinacea, Taraxacum officinale, Anthoxanthum odoratum, Convolvulus arvensis*

Wetland Classification 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

Wetland Characterization Sheet

Project Name: North Albany LWI

Date(s) of field work:	**6/15/00**	Wetland Mapping Code:	**SPH-3**
Data Sheet Numbers:	**107, 108, 109, 110, 111**	Size (acres):	**1.05**
Investigator(s):	**JVS, SE, PF**	Wetland Classification(s):	**PFO**

Location -- Legal:	**T. 10 S, R. 4W, Section 36, T.10S, R.3W, Section 31**
Other:	**South of Quarry Road, north of North Albany Middle School**
Tax Lots:	**10S04W36DA 4800, 4900, 5100; 10S04W36DD 100; 10S03W31CB 700**
Hydrologic basin:	**Springhill**
Soil -- Mapped series:	**Wapato silty clay loam**
Hydrologic Source:	**Surface water, groundwater**

Dominant Wetland Vegetation

TREES	SHRUBS	VINES	HERBS
Fraxinus latifolia	*Crataegus douglasii*		*Phalaris arundinacea*
Crataegus douglasii	*Rosa pisocarpa*		*Carex obnupta*
Populus trichocarpa	*Fraxinus latifolia*		*Juncus patens*
	Spiraea douglasii		*Poa trivialis*
			Camassia quamash

Comments: **Locally Significant Wetland**

Forested wetland in area north of Middle School. Hydrologically connected to delineated wetlands to west (DSL Det #98-0009) by surface water. Wetlands appear to pond water seasonally, but no outlet under Quarry Road. Small culvert crosses wetland at footpath from school. Area zoned residential and adjacent land use is residential and public school.

Adjacent Upland Vegetation: *Hedera helix, Polystichum munitum, Carex deweyana, Galium aparine, Glecoma hederacea, Rubus ursinus, Corylus cornuta, Rubus discolor, Pyrus malus, Amelanchier alnifolia, Quercus garryana, Pinus ponderosa, Rhus diversiloba.*

Wetland Classification 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

Wetland Characterization Sheet

Project Name: North Albany LWI

Date(s) of field work:	**6/23/00**	Wetland Mapping Code:	**SPH-4**
Data Sheet Numbers:	**112, 113, 114**	Size (acres):	**3.48**
Investigator(s):	**PF, SE**	Wetland Classification(s):	**PEM**

Location -- Legal:	**T. 10S, R. 3W, Section 31**
Other:	**South of Quarry Road, east of North Albany Middle School**
Tax Lots:	**10S03W31CB 300, 301, 800, 1200, 1300, 1401**
Hydrologic basin:	**Springhill**
Soil -- Mapped series:	**Wapato silty clay loam**
Hydrologic Source:	**Groundwater, precipitation**

Dominant Wetland Vegetation

TREES	SHRUBS	VINES	HERBS
Fraxinus latifolia			***Trifolium repens***
			Phalaris arundinacea
			Alopecurus pratensis
			Holcus lantaus

Comments:
Heavily grazed pasture drains north under Quarry Road via 9 large culverts. Topographic break defines edge of wetland swale. Zoned residential and adjacent land is residential. Wetland extends into off-site area to south.

Adjacent Upland Vegetation: *Chrysanthemum leucanthemum, Cirsium vulgare, Hypochaeris radicata, Trifolium pratense, Rubus discolor, Festuca arundinacea, Anthoxanthum odoratum*

Wetland Classification 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

Wetland Characterization Sheet

Project Name: North Albany I, WI

Date(s) of field work:	**6/23/00**	Wetland Mapping Code:	**THO-1A**
Data Sheet Numbers:	**115, 116**	Size (acres):	**0.06**
Investigator(s):	**PF, SE**	Wetland Classification(s):	**PFO**

Location -- Legal:	**T. 10S, R. 3W, Section 31**
Other:	**South of 13th Avenue, east of Springhill Road**
Tax Lots:	**10S03W31DC 900**
Hydrologic basin:	**Thornton Lake**
Soil -- Mapped series:	**Malabon silty clay loam**
Hydrologic Source:	**Groundwater, precipitation**

Dominant Wetland Vegetation

TREES	SHRUBS	VINES	HERBS
Populus trichocarpa	***Fraxinus latifolia***		***Holcus lanatus***
Fraxinus latifolia	***Rosa pisocarpa***		
Salix scouleriana	***Populus trichocarpa***		

Comments:
Swale drains north via culvert under 13th Avenue. Hydrologically connected to THO-1B to north. Swale appears to seasonally convey groundwater. Within 100-year floodplain. Zoned rural residential. Adjacent land use is rural residential and agriculture.

Adjacent Upland Vegetation: *Corylus cornuta, Rubus parviflorus, Dactylis glomerata, Festuca arundinacea, Rubus ursinus, Rubus discolor, Rhus diversiloba*

Wetland Classification 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

Wetland Characterization Sheet

Project Name: North Albany LWI

Date(s) of field work:	**6/23/00**	Wetland Mapping Code:	**THO-1B**
Data Sheet Numbers:	**N/A**	Size (acres):	**0.14**
Investigator(s):	**PF, SE**	Wetland Classification(s):	**PFO**

Location -- Legal:	**T. 10S, R. 3W, Section 31**
Other:	**North of 13th Avenue, east of Springhill Road**
Tax Lots:	**10S03W31DA 100, 6900, 7000; 10S03W31DC 700; 10S03W31DD 1700**
Hydrologic basin:	**Thornton Lake**
Soil -- Mapped series:	**Malabon silty clay loam**
Hydrologic Source:	**Groundwater, precipitation**

Dominant Wetland Vegetation

TREES	SHRUBS	VINES	HERBS
Populus trichocarpa	***Fraxinus latifolia***		***Holcus lanatus***
Fraxinus latifolia	***Rosa pisocarpa***		
Salix scouleriana	***Populus trichocarpa***		

Comments:

Off-site assessment. Continuation of THO-1A. Hydrologically connected to THO-1A via culvert under 13th Avenue. Swale appears to seasonally pond groundwater, but is isolated. Within 100-year floodplain. Zoned rural residential. Adjacent land use is rural residential and agriculture.

Adjacent Upland Vegetation: *Corylus cornuta, Rubus parviflorus, Dactylis glomerata, Festuca arundinacea, Rubus ursinus, Rubus discolor, Rhus diversiloba, Pseudotsuga menziesii, Polystichum munitum*

Wetland Classification 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

Wetland Characterization Sheet

Project Name: North Albany LWI

Date(s) of field work:	**6/15/00**	Wetland Mapping Code:	**THO-2**
Data Sheet Numbers:	**117, 118, 119, 120**	Size (acres):	**0.05**
Investigator(s):	**JVS, SE**	Wetland Classification(s):	**PFO**

Location -- Legal:	**T.10S, R. 3W, Section 31**
Other:	**West of Springhill Road, north of Green Acres, south of Dogwood**
Tax Lots:	**10S03W31CD 200, 3400**
Hydrologic basin:	**Thornton Lake**
Soil -- Mapped series:	**Malabon silty clay loam**
Hydrologic Source:	**Groundwater, precipitation**

Dominant Wetland Vegetation

TREES	SHRUBS	VINES	HERBS
Populus trichocarpa			***Agrostis stolonifera***
			Poa pratensis
			Trifolium repens
			Vicia americana

Comments:

Small isolated palustrine forested wetland in orchard. Small swale drains northeast to culvert under Springhill Road. Culvert is buried with no signs of flow. Within 100-year floodplain. Zoned residential. Adjacent land use is residential.

Adjacent Upland Vegetation: *Hypochaeris radicata, Trifolium pratense, Rubus discolor, Lolium multiflorum, Taraxacum officinale, Daucus carota*

Wetland Classification 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

Wetland Characterization Sheet

Project Name: North Albany LWI

Date(s) of field work:	**6/15/00**	Wetland Mapping Code:	**THO-3A**
Data Sheet Numbers:	**121**	Size (acres):	**1.95**
Investigator(s):	**JVS, SE**	Wetland Classification(s):	**PSS, PFO**

Location -- Legal:	**T. 10S, R. 3W, Section 31**
Other:	**East of Middle School, north of East Thornton Lake**
Tax Lots:	**10S03W31CB 700, 1401; 10S03W31CC 200, 301, 600, 700, 800, 900**
Hydrologic basin:	**Thornton Lake**
Soil -- Mapped series:	**Wapato silty clay loam**
Hydrologic Source:	**Surface water, groundwater**

Dominant Wetland Vegetation

TREES	SHRUBS	VINES	HERBS
Fraxinus latifolia	*Rosa nutkana*	*Solanum dulcamara*	*Carex obnupta*
Salix lasiandra	*Spiraea douglasii*		*Nuphar luteum*
	Salix lasiandra		*Sparganium emersum*
			Phalaris arundinacea

Comments: **Locally Significant Wetland**

Forested wetland swale drains south to East Thornton Lake. High quality wetland with mix of vegetation strata. Adjacent land use is residential and public school. Zoned residential. Forested extension of Thornton Lake (THO-3B).

Adjacent Upland Vegetation: *Festuca arundinacea, Corylus cornuta, Galium aparine, Cirsium arvense, Pseudotsuga menziesii*

Wetland Classification 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

Wetland Characterization Sheet

Project Name: North Albany LWI

Date(s) of field work:	**6/15/00**	Wetland Mapping Code:	**THO-3B**
Data Sheet Numbers:	**122 - 131**	Size (acres):	**6.44**
Investigator(s):	**JVS, SE**	Wetland Classification(s):	**PEM, PSS**

Location -- Legal:	**T. 10S, R. 3W, Sections 6 & 31; T. 11S, R. 4W, Section 1**
Other:	**Wetland fringe of East Thornton Lake, west of Shady Lane**
Tax Lots:	**10S03W06BB 1200, 1300;10S03W31CC 100, 200, 400, 900, 1500, 1600, 1800, 1900, 2000, 2100, 2200, 2300, 3300; 10S03W31CD 1700, 1800, 1900, 2000 11S04W01AA 300, 301, 400, 500, 600, 700, 2100**
Hydrologic basin:	**Thornton Lake**
Soil -- Mapped series:	**Malabon silty clay loam, Wapato silty clay loam**
Hydrologic Source:	**Surface water**

Dominant Wetland Vegetation

TREES	SHRUBS	VINES	HERBS
Populus trichocarpa	*Salix scouleriana*	*Solanum dulcamara*	*Scirpus microcarpus*
	Salix stichensis		*Veronica americana*
	Populus trichocarpa		*Cicuta douglasii*
	Spiraea douglasii		*Phalaris arundinacea*
	Salix lasiandra		*Polygonum lapathifolium*
		HERBS	*Eleocharis palustris*
		Sparganium emersum	*Alopecurus geniculatus*
		Myosotis discolor	*Ranunculus repens*
		Myriophyllum brasiliense	*Holcus lanatus*
		Callitriche sp.	*Agrostis tenuis*

Comments: **Locally Significant Wetland**

Emergent and scrub shrub fringe of East Thornton Lake, extending into wetland arm at east end of lake. Hydrologically connected to THO-3A and West Thornton Lake (THO-4A and 4B) by surface water. Within 100-year floodplain and hydrologically connected to Willamette River levels by groundwater. Adjacent land use is residential and zoned residential.

Adjacent Upland Vegetation: *Festuca arundinacea, Taraxacum officinale, Galium aparine, Lapsana communis, Rubus discolor, Hedera helix, Pseudotsuga menziesii, Polystichum munitum, Pinus ponderosa, Corylus cornuta, Hypochaeris radicata, Convolvulus arvensis, Cirsium arvense, Daucus carota*

Wetland Classification 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

Wetland Characterization Sheet

Project Name: North Albany LWI

Date(s) of field work:	**6/15/00**	Wetland Mapping Code:	**THO-3Ca, b, c**
Data Sheet Numbers:	**149, 150, 151**	Size (acres):	**0.07**
Investigator(s):	**JVS, SE**	Wetland Classification(s):	**PEM**

Location -- Legal:	**T.10S, R. 3W, Section 31**
Other:	**East of Middle School, north of East Thornton Lake**
Tax Lots:	**10S03W31CB1401, 10S03W31CC00600**
Hydrologic basin:	**Thornton Lake**
Soil -- Mapped series:	**Malabon silty clay loam**
Hydrologic Source:	**Groundwater, precipitation**

Dominant Wetland Vegetation

TREES	SHRUBS	VINES	HERBS
	Salix scouleriana		*Carex rostrata*
	Alnus rubra		*Holcus lanatus*
	Populus trichocarpa		*Agrostis tenuis*
	Fraxinus latifolia		*Alopecuris pratensis*

Comments:
Three small depressions within field. Isolated and appear to be disturbed. Adjacent land use is residential. Zoned residential. Located within 100-year floodplain.

Adjacent Upland Vegetation: Anthoxanthum odoratum, *Taraxacum officinale, Dactylus glomerata, Festuca arundinacea*

Wetland Classification 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

Wetland Characterization Sheet

Project Name: North Albany LWI

Date(s) of field work:	**6/15/00**	Wetland Mapping Code:	**THO-4A**
Data Sheet Numbers:	**N/A**	Size (acres):	**1.21**
Investigator(s):	**PF, CR**	Wetland Classification(s):	**PSS**

Location -- Legal:	**T. 11S, R. 4W, Section 1**
Other:	**NE corner of West Thornton Lake at North Albany Road xing**
Tax Lots:	**11S04W01AB 400, 1200, 1300**
Hydrologic basin:	**Thornton Lake**
Soil -- Mapped series:	**Malabon silty clay loam**
Hydrologic Source:	**Surface water**

Dominant Wetland Vegetation

TREES	SHRUBS	VINES	HERBS
Salix lasiandra	*Salix lasiandra*	*Solanum dulcamara*	*Carex obnupta*
	Spiraea douglasii		*Nuphar luteum*
			Sparganium emersum
			Phalaris arundinacea

Comments: **Locally Significant Wetland**

Scrub shrub wetland in NE corner of West Thornton Lake, adjacent to North Albany Road. Adjacent land use is residential. Zoned residential and Open Space. Hydrologically connected to East Thornton Lake and other Thornton Lake wetlands by surface water. Also influenced by Willamette River via groundwater. Within 100-year floodplain.

Adjacent Upland Vegetation: *Festuca arundinacea, Corylus cornuta, Galium aparine, Cirsium arvense, Pseudotsuga menziesii, Rubus discolor*

Wetland Classification 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

Wetland Characterization Sheet

Project Name: North Albany LWI

Date(s) of field work:	**6/30/00**	Wetland Mapping Code:	**THO-4B**
Data Sheet Numbers:	**132, 133, 134**	Size (acres):	**3.04**
Investigator(s):	**CR, SE**	Wetland Classification(s):	**PEM**

Location -- Legal:	**T. 11S, R. 4W, Section 1**
Other:	**Edges of West Thornton Lake**
Tax Lots:	**11S04W01AB 1400, 1401, 1402, 1500, 1501, 2300, 2400; 11S04W01BA 2200, 3200, 3600, 3700; 11S04W01BB 100, 201, 400; 11S04W01BC 100, 101, 103, 201, 202; 11S04W01BD 200**
Hydrologic basin:	**Thornton Lake**
Soil -- Mapped series:	**Malabon silty clay loam, Waldo silty clay loam**
Hydrologic Source:	**Surface water**

Dominant Wetland Vegetation

TREES	SHRUBS	VINES	HERBS
	Cornus stolonifera		*Phalaris arundinacea*
			Holcus lanatus
			Agrostis tenuis

Comments: **Locally Significant Wetland**

Palustrine emergent fringe of West Thornton Lake. Subject to flooding and within 100-year floodplain. Dominated by reed canarygrass. Zoned Open Space and residential. Adjacent land use is rural residential with some agriciulture along south edge. Hydrologically connected to East Thornton Lake, other Thornton Lake wetlands, and small drainages from Spring Hill.

Adjacent Upland Vegetation: *Taraxacum officinale, Rubus discolor, Verbascum blattaria, Plantago major, Hypochaeris radicata, Lolium multiflorum, Chrysanthemum leucanthemum*

Wetland Classification 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

Wetland Characterization Sheet

Project Name: North Albany LWI

Date(s) of field work:	**7/7/00**	Wetland Mapping Code:	**THO-4C**
Data Sheet Numbers:	**135, 136, 137, 138**	Size (acres):	**2.11**
Investigator(s):	**CR, PF**	Wetland Classification(s):	**PEM**

Location -- Legal:	**T. 11S, R. 4W, Sections 1 and 2**
Other:	**Drainage from West Thornton Lake to Highway 20**
Tax Lots:	**11S04W01BC 200, 201, 204, 300, 400, 500, 600; 11S04W02AD 400, 599; 11S04W02DA 200, 300, 400; 11S04W02D 1100; 11S04W02BC 600**
Hydrologic basin:	**Thornton Lake**
Soil -- Mapped series:	**Dupee silt loam, Waldo silty clay loam, Malabon silty clay loam**
Hydrologic Source:	**Surface water**

Dominant Wetland Vegetation

TREES	SHRUBS	VINES	HERBS
Fraxinus latifolia	***Cornus stolonifera***		***Agrostis stolonifera***
Alnus rubra			***Holcus lanatus***
			Agrostis tenuis
			Festuca rubra
			Lysimachia nummularia
			Phalaris arundinacea
			Veronica americana
			Oenanthe sarmentosa
			Alisma plantago-aquatica
			Carex stipata

Comments: **Locally Significant Wetland**

Drainage channel and associated wetlands at west end of West Thornton Lake. Drains southwest and hydrologically connected to THO-4D and 4E by surface water. Within 100-year floodplain. Zoned Open Space. Adjacent land use is residential and agriculture.

Adjacent Upland Vegetation: *Festuca arundinacea, Prunella vulgaris, Carex deweyana, Hypericum perforatum, Taraxacum officinale, Lactuca sp.Amelanchier alnifolia, Acer macrophyllum*

Wetland Classification 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

Wetland Characterization Sheet

Project Name: North Albany LWI

Date(s) of field work:	**7/7/00**	Wetland Mapping Code:	**THO-4D**
Data Sheet Numbers:	**139, 140**	Size (acres):	**0.07**
Investigator(s):	**CR, PF**	Wetland Classification(s):	**PEM**

Location -- Legal:	**T. 11S, R. 4W, Sections 1 and 2**
Other:	**North of RR tracks, south of West Thornton Lake Drive**
Tax Lots:	**11S04W01BC 500; 11S04W02AD 400, 599**
Hydrologic basin:	**Thornton Lake**
Soil -- Mapped series:	**Dupee silt loam, Waldo silty clay loam**
Hydrologic Source:	**Groundwater, surface water**

Dominant Wetland Vegetation

TREES	SHRUBS	VINES	HERBS
Fraxinus latifolia			***Alopecurus pratensis***
			Agrostis stolonifera
			Juncus patens

Comments:
Small wetland adjacent to west side of W. Thornton Lake drainage. Within 100-year floodplain and subject to flooding and groundwater seepage from upslope areas. Adjacent land is heavily grazed. Zoned Open Space and residential.

Adjacent Upland Vegetation: *Festuca arundinacea, Quercus garryana*

Wetland Classification 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

Wetland Characterization Sheet

Project Name: North Albany LWI

Date(s) of field work:	**7/7/00**	Wetland Mapping Code:	**THO-4E**
Data Sheet Numbers:	**141, 142**	Size (acres):	**2.09**
Investigator(s):	**CR, PF**	Wetland Classification(s):	**PEM, PAB**

Location -- Legal:	**T. 11S, R. 4W, Section 2**
Other:	**South of West Thornton Lake, north of Hwy 20**
Tax Lots:	**11S04W02DA 300, 1000, 1100**
Hydrologic basin:	**Thornton Lake**
Soil -- Mapped series:	**Wapato silty clay loam**
Hydrologic Source:	**Groundwater, precipitation**

Dominant Wetland Vegetation

TREES	SHRUBS	VINES	HERBS
			Myosotis discolor
			Eleocharis acicularis
			Alisma plantago-aquatica
			Phalaris arundinacea
			Veronica americana
			Oenanthe sarmentosa
		HERBS	*Lysimachia nummularia*
		Rumex crispus	*Nuphar luteum*
		Glyceria sp.	*Polygonum spp.*
			Sparganium emersum

Comments: **Locally Significant Wetland**

Large pond located in field and pasture. Hydrology appears to be primarily groundwater. Hydrologically connected to THO-4C by narrow channel. Within 100-year floodplain and zoned open space. Adjacent land use is rural residential and agriculture.

Adjacent Upland Vegetation: *Festuca arundinacea, Lapsana communis, Taraxacum officinale, Hypochaeris radicata, Galium aparine, Prunella vulgaris,Quercus garryana, Pseudotsuga menziesii*

Wetland Classification 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

Wetland Characterization Sheet

Project Name: North Albany LWI

Date(s) of field work:	**7/13/00**	Wetland Mapping Code:	**THO-5**
Data Sheet Numbers:	**143, 144**	Size (acres):	**0.21**
Investigator(s):	**CR, SE**	Wetland Classification(s):	**PEM**

Location -- Legal:	**T. 11S, R. 4W, Section 01**
Other:	**North of RR tracks, north of Hwy 20, south of W. Thornton Lake**
Tax Lots:	**11S04W01BC 600**
Hydrologic basin:	**Thornton Lake**
Soil -- Mapped series:	**Waldo silty clay loam**
Hydrologic Source:	**Groundwater, surface water**

Dominant Wetland Vegetation

TREES	SHRUBS	VINES	HERBS
			Phalaris arundinacea
			Scirpus microcarpus
			Agrostis tenuis
			Agrostis stolonifera
			Holcus lanatus

Comments:
Small isolated depression within field adjacent to West Thornton Lake drainage channel. Hydrology is primarily groundwater, but within 100-year floodplain and subject to flooding. Zoned Open Space. Adjacent land use is rural residential and agriculture (pasture).

Adjacent Upland Vegetation: *Festuca arundinacea, Taraxacum officinale, Dactylis glomerata, Pseudotsuga menziesii*

Wetland Classification 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

Wetland Characterization Sheet

Project Name: North Albany LWI

Date(s) of field work:	**7/7/00**	Wetland Mapping Code:	**THO-6**
Data Sheet Numbers:	**145, 146**	Size (acres):	**0.04**
Investigator(s):	**PF, CR**	Wetland Classification(s):	**PEM**

Location -- Legal:	**T. 11S, R. 4W, Section 2**
Other:	**South of West Thornton Drive, south of RR tracks**
Tax Lots:	**11S04W02DA 300**
Hydrologic basin:	**Thornton Lake**
Soil -- Mapped series:	**Coburg silty clay loam**
Hydrologic Source:	**Precipitation, groundwater**

Dominant Wetland Vegetation

TREES	SHRUBS	VINES	HERBS
			Rumex crispus
			Agrostis tenuis
			Eryngium petiolatum
			Downingia elegans
			Mentha pulegium

Comments:
Small isolated wetland under powerlines. Appears disturbed and compacted. Within 100-year floodplain. Zoned residential. Adjacent land use is pasture.

Adjacent Upland Vegetation: *Festuca arundinacea, Parentucellia viscosa, Prunella vulgaris, Chrysanthemum leucanthemum, Daucus carota*

Wetland Classification 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

Appendix B

Wetland Determination Data Forms



Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	North Albany LWI	Number:	1902	Sample Site	LUC-1-1
Applicant:	City of Albany	County:	Benton	Date:	7/20/00
Investigators:	CR/PF	Township:	10S Range: 4W	Section:	25

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

Is this an Atypical Situation? **No**

HYDROLOGY

			Primary Indicators		Secondary Indicators	
			Inundated		Ox. rhizospheres	yes
			Sat. in Upper 12"	yes	H20-stained leaves	
Depth of Surf. H2O		Inches	Water Marks		Local Soil Survey	
Depth to Free H20	>14	Inches	Drift Lines		FAC Neutral Test	
Depth to Saturation	0	Inches	Sediment Deposits		Other	
			Drainage patterns	yes	Criteria Met:	Yes

SOILS **Mapped Series:** Veneta silt loam **Hydric Soil?:** No

Classification: Ultic Haploxeralfs **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 4/1	SCL	7.5YR 4/6	common/medium/distinct		70%
0-14	10YR 4/4	SCL	7.5YR 4/6	common/medium/distinct		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 (0%)	Status	% Cover

Shrub Stratum (0%)	Status	% Cover

Herbaceous Stratum (100%)	Status	% Cover
*Juncus effusus**	FACW	40
*Juncus ensifolius**	FACW	30
Holcus lanatus	FAC	10
*Carex feta**	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:	North Albany LWI	Number:	1902	Sample Site	LUC-1-2
Applicant:	City of Albany	County:	Benton	Date:	7/20/00
Investigators:	CR/PF	Township:	10S Range: 4W	Section:	25

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

Criteria Met: No

SOILS **Mapped Series:** Veneta silt loam **Hydric Soil?:** No

Classification: Ultic Haploxeralfs **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 3/3	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
*Crataegus monogyna**	FACU+	20
*Quercus garryana**	UPL	45
*Prunus sp.**	FACU - UPL	35

Herbaceous Stratum (60%)	Status	% Cover
Hypochaeris radicata	FACU	5
*Holcus lanatus**	FAC	40
*Agrostis tenuis**	FAC	30
*Polystichum munitum**	FACU	20
Cirsium vulgare	FACU	5

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:	North Albany LWI		Number: 1902	Sample Site	LUC-2-3
Applicant:	City of Albany	County:	Benton	Date:	7/13/00
Investigators:	CR/SE	Township:	10S Range: 4W	Section:	26

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	15	Inches	Drift Lines		FAC Neutral Test	
Depth to Saturation	5	Inches	Sediment Deposits		Other	
			Drainage patterns		Criteria Met:	Yes

SOILS **Mapped Series:** Dupee silt loam **Hydric Soil?:** No

Classification: Aquultic Haploxeralfs **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
0-5	10YR 3/2	SDL				
5-16	5Y 4/2	SDL	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 (35%)	Status	% Cover
*Salix lasiandra**	FACW+	65
*Populus trichocarpa**	FAC	20
Corylus cornuta	FACU	10

Herbaceous Stratum (65%)	Status	% Cover
*Juncus effusus**	FACW	30
*Holcus lanatus**	FAC	25
*Lotus corniculatus**	FAC	25
Rumex crispus	FAC+	5
Poa trivialis	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:	North Albany LWI		Number: 1902	Sample Site	LUC-2-4
Applicant:	City of Albany	County:	Benton	Date:	7/13/00
Investigators:	CR/SE	Township:	10S Range: 4W	Section:	26

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:** Veneta loam **Hydric Soil?:** No

Classification: Ultic Haploxeralfs **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 3/3	SDL				

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

Criteria Met: No

VEGETATION

Tree Stratum (0%)	Status	% Cover	Herbaceous Stratum (100%)	Status	% Cover
			*Dactylis glomerata**	FACU	40
			*Holcus lanatus**	FAC	20
			*Festuca arundinacea**	FAC-	30
			Agrostis tenuis	FAC	10
Shrub Stratum (0%)	**Status**	**% Cover**			
			Woody Vine Stratum (0%)	**Status**	**% Cover**

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

Comments:

Determination: Upland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	North Albany LWI	Number:	1902	Sample Site	BOW-1-5
Applicant:	City of Albany	County:	Benton	Date:	6/2/00
Investigators:	CR,FS	Township:	10S Range: 4W	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
			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:** 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 3/3	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-	60
			*Agrostis tenuis**	FAC	30
			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:** No

Comments:

Determination: Upland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	North Albany LWI	Number:	1902	Sample Site	BOW-1-6
Applicant:	City of Albany	County:	Benton	Date:	6/2/00
Investigators:	CR,FS	Township:	10S Range: 4W	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"	yes	H20-stained leaves	
Depth of Surf. H2O		Inches	Water Marks		Local Soil Survey	
Depth to Free H20	10	Inches	Drift Lines		FAC Neutral Test	
Depth to Saturation	3	Inches	Sediment Deposits		Other	
			Drainage patterns		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	SL	7.5 YR 4/6	common/medium/distinct		

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

Criteria Met: Yes

VEGETATION

Tree Stratum (0%)	Status	% Cover	Herbaceous Stratum (100%)	Status	% Cover
			*Holcus lanatus**	FAC	25
			Alopecurus pratensis	FACW	15
			*Agrostis tenuis**	FAC	30
			Carex densa	OBL	5
			*Trifolium dubium**	UPL	20
			Ranunculus uncinatus	FAC-	5
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:	North Albany LWI		Number: 1902	Sample Site	BOW-1-7
Applicant:	City of Albany	County:	Benton	Date:	5/5/00
Investigators:	PF,CR	Township:	10S Range: 4W	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	yes	Ox. rhizospheres	yes
			Sat. in Upper 12"	yes	H20-stained leaves	
Depth of Surf. H2O	2	Inches	Water Marks		Local Soil Survey	
Depth to Free H20		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
0-12	10YR 4/1	SC	7.5YR 4/6	many/medium/prominent		

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

Criteria Met: Yes

VEGETATION

Tree Stratum (0%)	Status	% Cover

Shrub Stratum (0%)	Status	% Cover

Herbaceous Stratum (100%)	Status	% Cover
*Carex obnupta**	OBL	20
Eleocharis palustris	OBL	15
Eleocharis ovata	OBL	5
*Veronica scutellata**	OBL	20
*Alopecurus geniculatus**	OBL	20
*Phalaris arundinacea**	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:	North Albany LWI	Number:	1902	Sample Site	BOW-1-8
Applicant:	City of Albany	County:	Benton	Date:	5/5/00
Investigators:	PF,CR	Township:	10S Range: 4W	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
			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 3/1	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-	90
Poa trivialis	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:	North Albany LWI	Number:	1902	Sample Site	BOW-1-9
Applicant:	City of Albany	County:	Benton	Date:	5/5/00
Investigators:	PF,CR	Township:	10S Range: 4W	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	yes	Ox. rhizospheres
			Sat. in Upper 12"	yes	H20-stained leaves
Depth of Surf. H2O	1	Inches	Water Marks		Local Soil Survey
Depth to Free H20		Inches	Drift Lines		FAC Neutral Test
Depth to Saturation	0	Inches	Sediment Deposits		Other
			Drainage patterns		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
0-16	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
*Veronica scutellata**	OBL	40
*Glyceria sp.**	OBL	20
Juncus ensifolius	FACW	10
*Eleocharis ovata**	OBL	20
Alopecurus pratensis	FACW	5
Carex densa	OBL	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:	North Albany LWI	Number:	1902	Sample Site	BOW-1-10
Applicant:	City of Albany	County:	Benton	Date:	5/5/00
Investigators:	PF,CR	Township:	10S Range: 4W	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"	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: 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	SCL	7.5YR 3/4	common/medium/distinct		
14-16	10YR 4/1	SCL				

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

Criteria Met: Yes

VEGETATION

Tree Stratum (0%)	Status	% Cover	Herbaceous Stratum (100%)	Status	% Cover
			*Alopecurus pratensis**	FACW	40
			*Festuca arundinacea**	FAC-	20
			*Agrostis tenuis**	FAC	20
			Vicia sativa	UPL	10
			Holcus lanatus	FAC	10
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:	North Albany LWI	Number:	1902	Sample Site	BOW-1-11
Applicant:	City of Albany	County:	Benton	Date:	5/5/00
Investigators:	PF,CR	Township:	10S Range: 4W	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
			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:** 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 3/2	SL	10YR 3/4	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
*Hypochaeris radicata**	FACU	30
Daucus carota	UPL	10
*Festuca arundinacea**	FAC-	30
Poa annua	FAC	10
Poa pratensis	FAC	10
Trifolium pratense	FACU	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:	North Albany LWI		Number: 1902	Sample Site	BOW-2-12
Applicant:	City of Albany	County:	Benton	Date:	6/2/00
Investigators:	CR,FS	Township:	10S Range: 4W	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
			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 3/1	SL	7.5 YR 3/3	few/medium/faint	Mn concentrations	

*SD=Sand, SDL=Sandy Loam, L=Loam, 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	15
			*Alopecurus pratensis**	FACW	40
			*Festuca arundinacea**	FAC-	40
			Holcus lanatus	FAC	5
Shrub Stratum (0%)	**Status**	**% Cover**			
			Woody Vine Stratum (0%)	**Status**	**% Cover**

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

Comments:

Determination: Upland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	North Albany LWI	Number:	1902	Sample Site	BOW-2-13
Applicant:	City of Albany	County:	Benton	Date:	6/2/00
Investigators:	CR,FS	Township:	10S Range: 4W	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	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:** 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
0-3	10YR 3/3	SL				
3-12	10YR 3/2	SL	5YR 4/6	common/medium/distinct		
12-16	10YR 3/2	SL	5YR 4/6	common/medium/distinct	lots of 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
			*Alopecurus geniculatus**	OBL	50
			*Agrostis tenuis**	FAC	20
			Rumex crispus	FAC+	10
			*Holcus lanatus**	FAC	20
Shrub Stratum (0%)	**Status**	**% Cover**			
			Woody Vine Stratum (0%)	**Status**	**% Cover**

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

Comments:

Determination: Wetland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	North Albany LWI		Number: 1902	Sample Site	BOW-2-14
Applicant:	City of Albany	County:	Benton	Date:	6/2/00
Investigators:	CR,FS	Township:	10S Range: 4W	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
			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:** 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
0-3	10YR 3/3	SL				
3-16	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

Shrub Stratum (0%)	Status	% Cover

Herbaceous Stratum (100%)	Status	% Cover
Agrostis tenuis	FAC	10
Anthoxanthum odoratum	FACU	10
*Rumex acetosella**	FACU+	20
*Avena sativa**	UPL	20
*Festuca arundinacea**	FAC-	20
Holcus lanatus	FAC	10
Plantago lanceolata	FAC	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:	North Albany LWI		Number: 1902	Sample Site	BOW-2-15
Applicant:	City of Albany	County:	Benton	Date:	6/2/00
Investigators:	CR,FS	Township:	10S Range: 4W	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	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:** 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
0-11	10YR 3/1	SL	10YR 4/6	few/medium/distinct		
11-16	10YR 5/1	SL	7.5YR 4/6	many/medium/distinct	Mn nodules	

*SD=Sand, SDL=Sandy Loam, L=Loam, 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	50
			*Festuca arundinacea**	FAC-	25
			*Alopecurus pratensis**	FACW	25
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:	North Albany LWI		Number: 1902	Sample Site	BOW-2-16
Applicant:	City of Albany	County:	Benton	Date:	6/2/00
Investigators:	CR,FS	Township:	10S Range: 4W	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
			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:** 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
0-16	10YR 3/2	SL	10YR 2/2	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
			*Anthoxanthum odoratum**	FACU	40
			*Alopecurus pratensis**	FACW	20
			Agrostis tenuis	FAC	15
			Juncus tenuis	FACW-	10
			Festuca arundinacea	FAC-	15
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:	North Albany LWI	Number:	1902	Sample Site	BOW-3f-17
Applicant:	City of Albany	County:	Benton	Date:	6/2/00
Investigators:	PF, SE	Township:	10S	Range: 4W	Section: 35

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	Inches	Drift Lines	FAC Neutral Test	
Depth to Saturation	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 3/1	SL				Plow layer
6-12	10YR 3/1	SL	5YR 4/6	many/medium/distinct		
12-16	10YR 3/1	SL	10YR 4/6	few/fine/faint		

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

Criteria Met: Yes

VEGETATION

Tree Stratum (0%)	Status	% Cover	Herbaceous Stratum (100%)	Status	% Cover
			*Lolium multiflorum**	UPL	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

Determination: Wetland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	North Albany LWI		Number: 1902	Sample Site	BOW-3f-18
Applicant:	City of Albany	County:	Benton	Date:	6/2/00
Investigators:	CR,FS	Township:	10S Range: 4W	Section:	35

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	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:** 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
0-10	10YR 3/2	SCL				
10-16	10YR 3/2	SCL	10YR 3/6	few/medium/faint		

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

Criteria Met: Yes

VEGETATION

Tree Stratum (0%)	Status	% Cover	Herbaceous Stratum (100%)	Status	% Cover
			*Lolium multiflorum**	UPL	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:	North Albany LWI		Number: 1902	Sample Site	BOW-4f-19
Applicant:	City of Albany	County:	Benton	Date:	7/7/00
Investigators:	CR/PF	Township:	10S Range: 4W	Section:	35

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	>10	Inches	Drift Lines		FAC Neutral Test	
Depth to Saturation	>10	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
0-10	10YR 3/2	SL	7.5YR 5/8	common/medium/distinct		plow layer at 10"
10+	10YR 5/2	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 (0%)	Status	% Cover	Herbaceous Stratum (100%)	Status	% Cover
			*Lolium multiflorum**	UPL	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: Agricultural field

Determination: Wetland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	North Albany LWI		Number: 1902	Sample Site	BOW-5f-20
Applicant:	City of Albany	County:	Benton	Date:	7/7/00
Investigators:	CR/PF	Township:	10S Range: 4W	Section:	35

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		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:** 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
0-16	10YR 3/2		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
			*Lolium multiflorum**	UPL	70
			*Phalaris arundinacea**	FACW	30
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

Determination: Wetland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	North Albany LWI		Number: 1902	Sample Site	BOW-6Af-21
Applicant:	City of Albany	County:	Benton	Date:	7/7/00
Investigators:	CR/PF	Township:	10S Range: 4W	Section:	35

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	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:** 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
0-12	10YR 3/2	SL	10YR 3/4	common/medium/fine		

*SD=Sand, SDL=Sandy Loam, L=Loam, 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
*Salix sitchensis**	FACW	100

Shrub Stratum (30%)	Status	% Cover
*Salix sitchensis**	FACW	40
*Rhus diversiloba**	UPL	60

Herbaceous Stratum (20%)	Status	% Cover
*Polystichum munitum**	FACU	50
*Rhus diversiloba**	UPL	40
Bromus sp.	UPL	10

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

Percent of dominant species FAC, FACW, or OBL*: 29% Criteria Met: No

Comments:

Determination: Upland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	North Albany LWI		Number: 1902	Sample Site	BOW-6Af-22
Applicant:	City of Albany	County:	Benton	Date:	7/7/00
Investigators:	CR/PF	Township:	10S Range: 4W	Section:	35

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

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		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:** 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
0-12	10YR 4/2	SL	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 (100%)	Status	% Cover
			*Juncus bufonius**	FACW	50
			*Gnaphalium palustre**	FAC+	20
			Lolium multiflorum	UPL	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: 20% open ground

Determination: Wetland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	North Albany LWI		Number: 1902	Sample Site	BOW-6Af-23
Applicant:	City of Albany	County:	Benton	Date:	7/7/00
Investigators:	CR/PF	Township:	10S Range: 4W	Section:	35

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	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:** 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 3/3	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: No

VEGETATION

Tree Stratum (0%)	Status	% Cover	Herbaceous Stratum (100%)	Status	% Cover
			*Lolium multiflorum**	UPL	95
			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:	North Albany LWI		Number: 1902	Sample Site	BOW-6B-24
Applicant:	City of Albany	County:	Benton	Date:	6/2/00
Investigators:	CR,FS	Township:	10S Range: 4W	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
			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	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 3/2	SCL	10YR 4/6	many/coarse/distinct		

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

Criteria Met: Yes

VEGETATION

Tree Stratum (0%)	Status	% Cover

Shrub Stratum (0%)	Status	% Cover

Herbaceous Stratum (100%)	Status	% Cover
*Mentha arvensis**	FACW-	30
*Agrostis stolonifera**	FAC	20
*Rumex crispus**	FAC+	20
Agrostis tenuis	FAC	15
Holcus lanatus	FAC	10
Myosotis discolor	FACW	2
Epilobium watsonii	FACW-	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:	North Albany LWI		Number: 1902	Sample Site	BOW-6B-25
Applicant:	City of Albany	County:	Benton	Date:	6/2/00
Investigators:	CR,FS	Township:	10S Range: 4W	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
			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:** Veneta silt loam **Hydric Soil?:** No

Classification: Ultic Haploxeralfs **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 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

Shrub Stratum (0%)	Status	% Cover

Herbaceous Stratum (100%)	Status	% Cover
*Agrostis tenuis**	FAC	50
Hypochaeris radicata	FACU	10
Daucus carota	UPL	10
Holcus lanatus	FAC	10
Centaurea sp.	UPL	5
Cirsium arvense	FACU+	5
Alopecurus pratensis	FACW	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:	North Albany LWI		Number: 1902	Sample Site	BOW-7-26
Applicant:	City of Albany	County:	Benton	Date:	7/20/00
Investigators:	CR/PF	Township:	10S Range: 4W	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		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:** 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	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 (90%)	Status	% Cover
			*Eleocharis palustris**	OBL	45
			*Mentha pulegium**	OBL	50
			Rumex crispus	FAC+	5
Shrub Stratum (0%)	**Status**	**% Cover**			
			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:	North Albany LWI	Number:	1902	Sample Site	BOW-7-27
Applicant:	City of Albany	County:	Benton	Date:	7/20/00
Investigators:	CR/PF	Township:	10S Range: 4W	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
			Sat. in Upper 12"	H20-stained leaves
Depth of Surf. H2O		Inches	Water Marks	Local Soil Survey
Depth to Free H20	>10	Inches	Drift Lines	FAC Neutral Test
Depth to Saturation	>10	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
0-10	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 (10%)	Status	% Cover
*Quercus garryana**	UPL	100

Shrub Stratum (10%)	Status	% Cover
*Crataegus monogyna**	FACU+	100

Herbaceous Stratum (60%)	Status	% Cover
*Anthoxanthum odoratum**	FACU	30
Daucus carota	UPL	10
*Hypochaeris radicata**	FACU	20
Hypericum perforatum	UPL	10
Festuca arundinacea	FAC-	10
*Dactylis glomerata**	FACU	20

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:	**North Albany LWI**	Number:	**1902**	Sample Site	**HRS-1-28**
Applicant:	**City of Albany**	County:	**Benton**	Date:	**5/12/00**
Investigators:	**PF,FS**	Township:	**10S** Range: **4W**	Section:	**25**

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

SOILS **Mapped Series:** Veneta loam **Hydric Soil?:** No

Classification: Ultic Haploxeralfs **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 3/1	SL	10YR 3/4	few/medium/distinct		
6-14	10YR 3/1	SL	10YR 4/4	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 (4%)	Status	% Cover
*Rosa pisocarpa**	FAC	80
Crataegus monogyna	FACU+	10
Fraxinus latifolia	FACW	10

Herbaceous Stratum (92%)	Status	% Cover
*Juncus patens**	FACW	20
*Poa trivialis**	FACW	20
Juncus ensifolius	FACW	5
*Equisetum arvense**	FAC	20
*Athyrium filix-femina**	FAC	20
Epilobium watsonii	FACW-	3
Carex deweyana	FACU	10
Rumex sp.	FACW	1

Woody Vine Stratum (4%)	Status	% Cover
*Rubus laciniatus**	FACU+	100

Percent of dominant species FAC, FACW, or OBL*: 83% **Criteria Met:** Yes

Comments:

Determination: Wetland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	North Albany LWI	Number:	1902	Sample Site	HRS-1-29
Applicant:	City of Albany	County:	Benton	Date:	5/12/00
Investigators:	PF,FS	Township:	10S Range: 4W	Section:	25

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

SOILS **Mapped Series:** Veneta loam **Hydric Soil?:** No

Classification: Ultic Haploxeralfs **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 4/3	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: No

VEGETATION

Tree Stratum (30%)	Status	% Cover
*Pseudotsuga menziesii**	FACU	50
*Quercus garryana**	UPL	30
*Corylus cornuta**	FACU	20

Shrub Stratum (30%)	Status	% Cover
*Corylus cornuta**	FACU	40
*Quercus garryana**	UPL	40
*Prunus virginiana**	FACU	20

Herbaceous Stratum (30%)	Status	% Cover
Osmorhiza longistylis	FACU	5
Sanicula marilandica	NI	10
Galium aparine	FACU	10
*Polystichum munitum**	FACU	30
*Circaea alpina**	FAC+	30
*Glecoma hederacea**	FACU+	20

Woody Vine Stratum (10%)	Status	% Cover
*Hedera helix**	UPL	80
*Rubus ursinus**	FACU	20

Percent of dominant species FAC, FACW, or OBL*: 9% **Criteria Met:** No

Comments:

Determination: Upland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	North Albany LWI		Number: 1902	Sample Site	HRS-2Af-30
Applicant:	City of Albany	County:	Benton	Date:	5/12/00
Investigators:	PF,FS	Township:	10S Range: 4W	Section:	25

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"	yes	H20-stained leaves	
Depth of Surf. H2O		Inches	Water Marks	algal mats	Local Soil Survey	
Depth to Free H20	7	Inches	Drift Lines		FAC Neutral Test	
Depth to Saturation	0	Inches	Sediment Deposits		Other	
			Drainage patterns		Criteria Met:	Yes

SOILS **Mapped Series:** Dupee silt loam **Hydric Soil?:** No

Classification: Aquultic Haploxeralfs **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
0-10	10YR 3/1	SL	7.5YR 4/4	common/fine/distinct		
10-14	10YR 2/1.5	SL	10YR 4/2	few/medium/faint	dark Mg / charcoal concentrations	

*SD=Sand, SDL=Sandy Loam, L=Loam, 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	90
			Festuca rubra	FAC+	10
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:

Determination: Wetland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	North Albany LWI		Number: 1902	Sample Site	HRS-2Af-31
Applicant:	City of Albany	County:	Benton	Date:	5/12/00
Investigators:	PF,FS	Township:	10S Range: 4W	Section:	25

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	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:** Dupee silt loam **Hydric Soil?:** No

Classification: Aquultic Haploxeralfs **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 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 (100%)	Status	% Cover
			*Lolium multiflorum**	UPL	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:	North Albany LWI		Number: 1902	Sample Site	HRS-2B-32
Applicant:	City of Albany	County:	Benton	Date:	5/16/00
Investigators:	PF,CR	Township:	10S Range: 4W	Section:	25

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

SOILS **Mapped Series:** Dupee silt loam **Hydric Soil?:** No

Classification: Aqullic Haploxeralfs **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 3/3	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 (30%)	Status	% Cover
*Pseudotsuga menziesii**	FACU	100

Shrub Stratum (5%)	Status	% Cover
*Crataegus monogyna**	FACU+	100

Herbaceous Stratum (65%)	Status	% Cover
*Festuca arundinacea**	FAC-	20
*Anthoxanthum odoratum**	FACU	30
*Dactylis glomerata**	FACU	20
Vicia americana	FAC	10
Agrostis tenuis	FAC	5
Rumex acetosella	FACU+	5
Poa annua	FAC	5
Poa pratensis	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:	North Albany LWI	Number:	1902	Sample Site	HRS-2B-33
Applicant:	City of Albany	County:	Benton	Date:	5/16/00
Investigators:	PF,CR	Township:	10S Range: 4W	Section:	25

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

SOILS **Mapped Series:** Dupee silt loam **Hydric Soil?:** No

Classification: Aquultic Haploxeralfs **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	SCL	10YR 4/6	common/medium/distinct	H_2S odor	

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

Criteria Met: Yes

VEGETATION

Tree Stratum (0%)	Status	% Cover	Herbaceous Stratum (100%)	Status	% Cover
			*Holcus lanatus**	FAC	50
			*Festuca arundinacea**	FAC-	20
			*Poa annua**	FAC	20
			Anthoxanthum odoratum	FACU	5
			Agrostis tenuis	FAC	5
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:	North Albany LWI	Number:	1902	Sample Site	HRS-3Af-34
Applicant:	City of Albany	County:	Benton	Date:	5/12/00
Investigators:	PF,FS	Township:	10S	Range: 4W	Section: 25

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	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:** 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
0-16	10YR 3/3	SL				

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

Criteria Met: No

VEGETATION

Tree Stratum (0%)	Status	% Cover	Herbaceous Stratum (100%)	Status	% Cover
			*Lolium multiflorum**	UPL	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:	North Albany LWI		Number: 1902	Sample Site	HRS-3Af-35
Applicant:	City of Albany	County:	Benton	Date:	5/12/00
Investigators:	PF,FS	Township: 10S	Range: 4W	Section:	25

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	4	Inches	Drift Lines		FAC Neutral Test	
Depth to Saturation	4	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
0-10	10YR 3/2	SCL	7.5YR 4/6	common/medium/distinct		
10-16	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: Yes

VEGETATION

Tree Stratum (0%)	Status	% Cover	Herbaceous Stratum (100%)	Status	% Cover
			*Lolium multiflorum**	UPL	75
			*Agrostis tenuis**	FAC	25
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: Agricultiral field

Determination: Wetland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	North Albany LWI	Number:	1902	Sample Site	HRS-3B-36
Applicant:	City of Albany	County:	Benton	Date:	5/12/00
Investigators:	PF,FS	Township:	10S	Range: 4W	Section: 25

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

Is this an Atypical Situation? **No**

HYDROLOGY

			Primary Indicators		Secondary Indicators	
			Inundated		Ox. rhizospheres	yes
			Sat. in Upper 12"	yes	H20-stained leaves	
Depth of Surf. H2O		Inches	Water Marks		Local Soil Survey	
Depth to Free H20	3	Inches	Drift Lines		FAC Neutral Test	
Depth to Saturation	1	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
0-3	10YR 3/2	SL				
3-16	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	Herbaceous Stratum (100%)	Status	% Cover
			*Phalaris arundinacea**	FACW	40
			*Poa trivialis**	FACW	30
			*Festuca arundinacea**	FAC-	30
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:	North Albany LWI		Number: 1902	Sample Site	HRS-3Af-37
Applicant:	City of Albany	County:	Benton	Date:	5/12/00
Investigators:	PF,FS	Township:	10S Range: 4W	Section:	25

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	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:** Dupee silt loam **Hydric Soil?:** No

Classification: Aquultic Haploxeralfs **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 3/3	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
			*Lolium multiflorum**	UPL	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:	North Albany LWI	Number:	1902	Sample Site	HRS-3Af-38
Applicant:	City of Albany	County:	Benton	Date:	5/12/00
Investigators:	PF,FS	Township:	10S Range: 4W	Section:	25

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	yes	Ox. rhizospheres	yes
			Sat. in Upper 12"	yes	H20-stained leaves	
Depth of Surf. H2O	<1	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:** Dupee silt loam **Hydric Soil?:** No

Classification: Aquultic Haploxeralfs **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	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
			*Lolium perenne**	FACU	50
			*Lolium multiflorum**	UPL	50
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

Determination: Wetland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	North Albany LWI		Number: 1902	Sample Site	HRS-4-39
Applicant:	City of Albany	County:	Benton	Date:	5/5/00
Investigators:	PF,CR	Township:	10S Range: 4W	Section:	26

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	6	Inches
Depth to Saturation	0	Inches

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

Criteria Met: Yes

SOILS **Mapped Series:** Woodburn silt loam **Hydric Soil?:** No

Classification: Aqultic 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
0-3	10YR 3/3	S				
0-3	10YR 3/1	S				mixed silts
3-16	10YR 3/1	S	10YR 3/4	few/medium/distinct		

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

Criteria Met: Yes

VEGETATION

Tree Stratum (0%)	Status	% Cover

Shrub Stratum (0%)	Status	% Cover

Herbaceous Stratum (70%)	Status	% Cover
*Veronica americana**	OBL	40
Epilobium watsonii	FACW-	10
Rumex crispus	FAC+	5
*Carex deweyana**	FACU	30
Juncus patens	FACW	10

Woody Vine Stratum (30%)	Status	% Cover
*Solanum dulcamara**	FAC+	90
Rubus ursinus	FACU	10

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:	North Albany LWI		Number: 1902	Sample Site	HRS-4-40
Applicant:	City of Albany	County:	Benton	Date:	5/5/00
Investigators:	PF,CR	Township:	10S Range: 4W	Section:	26

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 3/3	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 (30%)	Status	% Cover
*Pseudotsuga menziesii**	FACU	100

Shrub Stratum (20%)	Status	% Cover
*Crataegus monogyna**	FACU+	60
*Rhus diversiloba**	UPL	20
*Quercus garryana**	UPL	20

Herbaceous Stratum (40%)	Status	% Cover
*Hypochaeris radicata**	FACU	20
*Festuca arundinacea**	FAC-	30
*Crepis capillaris**	FACU	20
Lolium multiflorum	UPL	10
*Sanicula marilandica**	NI	20

Woody Vine Stratum (10%)	Status	% Cover
*Rubus discolor**	FACU	20
*Lonicera ciliosa**	UPL	80

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:	North Albany LWI		Number: 1902	Sample Site	HRS-5Af-41
Applicant:	City of Albany	County:	Benton	Date:	4/20/00
Investigators:	PF,BC	Township:	10S Range: 4W	Section:	26

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	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 (0%)	Status	% Cover	Herbaceous Stratum (100%)	Status	% Cover
			*Lolium multiflorum**	UPL	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:	North Albany LWI	Number:	1902	Sample Site	HRS-5Af-42
Applicant:	City of Albany	County:	Benton	Date:	4/20/00
Investigators:	PF,BC	Township:	10S Range: 4W	Section:	26

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"	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:** 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	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
			*Lolium multiflorum**	UPL	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:

Determination: Wetland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	North Albany LWI		Number: 1902	Sample Site	HRS-5Af-43
Applicant:	City of Albany	County:	Benton	Date:	4/20/00
Investigators:	PF,BC	Township:	10S Range: 4W	Section:	26

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	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:** Dupee silt loam **Hydric Soil?:** No

Classification: Aquultic Haploxeralfs **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 3/3	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 (5%)	Status	% Cover
*Crataegus monogyna**	FACU+	65
*Cytisus scoparius**	UPL	35

Herbaceous Stratum (95%)	Status	% Cover
*Festuca arundinacea**	FAC-	30
Anthoxanthum odoratum	FACU	17
*Agrostis tenuis**	FAC	30
Dactylis glomerata	FACU	18
Holcus lanatus	FAC	5

Woody Vine Stratum (0%)	Status	% Cover

Percent of dominant species FAC, FACW, or OBL*: 25% **Criteria Met:** No

Comments:

Determination: Upland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	North Albany LWI		Number: 1902	Sample Site	HRS-5Af-44
Applicant:	City of Albany	County:	Benton	Date:	4/20/00
Investigators:	PF,BC	Township:	10S Range: 4W	Section:	26

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"	yes	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	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
0-5	2.5Y 3/2	SL				
5-16	2.5Y 3/2	SL	10YR 3/6	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 (5%)	Status	% Cover
*Crataegus monogyna**	FACU+	20
*Rosa pisocarpa**	FAC	70
Populus trichocarpa	FAC	10

Herbaceous Stratum (95%)	Status	% Cover
Anthoxanthum odoratum	FACU	15
*Alopecurus pratensis**	FACW	35
Festuca arundinacea	FAC-	15
*Holcus lanatus**	FAC	20
Dactylis glomerata	FACU	10

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:	North Albany LWI		Number: 1902	Sample Site	HRS-5Af-45
Applicant:	City of Albany	County:	Benton	Date:	4/20/00
Investigators:	PF,BC	Township:	10S Range: 4W	Section:	26

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	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:** Woodburn silt loam **Hydric Soil?:** No

Classification: Aqultic 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 3/3	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
			*Lolium multiflorum**	UPL	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:	North Albany LWI		Number: 1902	Sample Site	HRS-5Af-46
Applicant:	City of Albany	County:	Benton	Date:	4/20/00
Investigators:	PF,BC	Township:	10S Range: 4W	Section:	26

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"	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	0	Inches	Sediment Deposits		Other	
			Drainage patterns		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
0-16	10YR 3/2	SCL	7.5YR 4/6	common/medium/prominent		

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

Criteria Met: Yes

VEGETATION

Tree Stratum (0%)	Status	% Cover	Herbaceous Stratum (100%)	Status	% Cover
			*Lolium multiflorum**	UPL	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:

Determination: Wetland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	North Albany LWI		Number: 1902	Sample Site	HRS-5B-47
Applicant:	City of Albany	County:	Benton	Date:	4/20/00
Investigators:	PF,BC	Township:	10S Range: 4W	Section:	26

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	<1	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
0-8	10YR 4/2	SCL	10YR 4/6	common/medium/distinct		
8-16	5Y 5/1	SCL	10YR 4/6	many/coarse/prominent		

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

Criteria Met: Yes

VEGETATION

Tree Stratum (30%)	Status	% Cover	Herbaceous Stratum (70%)	Status	% Cover
*Populus trichocarpa**	FAC	100	*Juncus ensifolius**	FACW	30
			*Agrostis stolonifera var. palustris**	FACW	30
			Agrostis tenuis	FAC	15
			Lotus corniculatus	FAC	10
			Juncus tenuis	FACW-	5
			Festuca arundinacea	FAC-	5
Shrub Stratum (0%)	**Status**	**% Cover**	*Anthoxanthum odoratum*	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:	North Albany LWI	Number:	1902	Sample Site	HRS-5B-48
Applicant:	City of Albany	County:	Benton	Date:	4/20/00
Investigators:	PF,BC	Township:	10S Range: 4W	Section:	26

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 3/3	SL				

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

Criteria Met: No

VEGETATION

Tree Stratum (20%)	Status	% Cover
*Pseudotsuga menziesii**	FACU	100

Shrub Stratum (20%)	Status	% Cover
*Crataegus monogyna**	FACU+	60
*Populus trichocarpa**	FAC	20
*Rosa eglanteria**	FACW	20

Herbaceous Stratum (55%)	Status	% Cover
*Holcus lanatus**	FAC	20
*Anthoxanthum odoratum**	FACU	30
*Agrostis tenuis**	FAC	30
Festuca arundinacea	FAC-	15

Woody Vine Stratum (5%)	Status	% Cover
*Rubus ursinus**	FACU	80
*Rhus diversiloba**	UPL	20

Percent of dominant species FAC, FACW, or OBL*: 44% Criteria Met: No

Comments:

Determination: Upland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	North Albany LWI	Number:	1902	Sample Site	HRS-6-49
Applicant:	City of Albany	County:	Benton	Date:	4/20/00
Investigators:	PF,BC	Township:	10S Range: 4W	Section:	26

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	6	Inches	Drift Lines		FAC Neutral Test	
Depth to Saturation	0	Inches	Sediment Deposits		Other	
			Drainage patterns		Criteria Met:	Yes

SOILS

Mapped Series: Dupee silt loam **Hydric Soil?:** No

Classification: Aquultic Haploxeralfs **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	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 (10%)	Status	% Cover	Herbaceous Stratum (80%)	Status	% Cover
*Populus trichocarpa**	FAC	100	*Agrostis tenuis**	FAC	80
			Anthoxanthum odoratum	FACU	10
			Holcus lanatus	FAC	10
Shrub Stratum (10%)	**Status**	**% Cover**			
*Crataegus monogyna**	FACU+	100			
			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:	North Albany LWI	Number:	1902	Sample Site	HRS-7Af-50
Applicant:	City of Albany	County:	Benton	Date:	4/20/00
Investigators:	PF,BC	Township:	10S Range: 4W	Section:	35

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	>16	Inches
Depth to Saturation	10	Inches

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

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
0-16	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 multiflorum**	UPL	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:	North Albany LWI		Number: 1902	Sample Site	HRS-7Af-51
Applicant:	City of Albany	County:	Benton	Date:	4/20/00
Investigators:	PF,BC	Township:	10S Range: 4W	Section:	26, 35, 36

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	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:** 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 3/2	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 multiflorum**	UPL	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:	North Albany LWI		Number: 1902	Sample Site	HRS-7Af-52
Applicant:	City of Albany	County:	Benton	Date:	4/20/00
Investigators:	PF,BC	Township:	10S Range: 4W	Section:	26, 35, 36

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	yes	Ox. rhizospheres
			Sat. in Upper 12"	yes	H20-stained leaves
Depth of Surf. H2O	< 1	Inches	Water Marks		Local Soil Survey
Depth to Free H20		Inches	Drift Lines		FAC Neutral Test
Depth to Saturation	0 to 8*	Inches	Sediment Deposits		Other
			Drainage patterns		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
0-8	5Y 4/1	SCL	7.5YR 3/4	few/medium/distinct		
8-16	5Y 5/1	C	10YR 3/4	many/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 multiflorum**	UPL	20
*Ludwigia palustris**	OBL	40
*Lysimachia nummularia**	FACW	40

Woody Vine Stratum (0%)	Status	% Cover

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

Comments: * saturated from surface down to 8 inches - perched

Determination: Wetland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	North Albany LWI		Number: 1902	Sample Site	HRS-7Af-53
Applicant:	City of Albany	County:	Benton	Date:	4/20/00
Investigators:	PF,BC	Township:	10S Range: 4W	Section:	26, 35, 36

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	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 (0%)	Status	% Cover	Herbaceous Stratum (100%)	Status	% Cover
			*Lolium multiflorum**	UPL	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:	North Albany LWI		Number: 1902	Sample Site	HRS-7Af-54
Applicant:	City of Albany	County:	Benton	Date:	4/20/00
Investigators:	PF,BC	Township:	10S Range: 4W	Section:	26, 35, 36

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"	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	0	Inches	Sediment Deposits		Other	
			Drainage patterns		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 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
			*Lolium multiflorum**	UPL	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:

Determination: Wetland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	North Albany LWI	Number: 1902	Sample Site HRS-7Af-55
Applicant:	City of Albany	County: Benton	Date: 4/20/00
Investigators:	PF,BC	Township: 10S Range: 4W	Section: 26, 35, 36

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	>18	Inches	Drift Lines	FAC Neutral Test	
Depth to Saturation	>18	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
0-18	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 multiflorum**	UPL	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:	North Albany LWI		Number: 1902	Sample Site	HRS-7Af-56
Applicant:	City of Albany	County:	Benton	Date:	4/20/00
Investigators:	PF,BC	Township:	10S Range: 4W	Section:	26, 35, 36

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"	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		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
0-6	10YR 3/2	SCL	7.5YR 3/4	few/coarse/distinct		
6-16	10YR 3/2	SCL	7.5YR 3/4	many/coarse/distinct		

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

Criteria Met: Yes

VEGETATION

Tree Stratum (0%)	Status	% Cover	Herbaceous Stratum (100%)	Status	% Cover
			*Lolium multiflorum**	UPL	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:

Determination: Wetland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	North Albany LWI		Number: 1902	Sample Site	HRS-7Af-57
Applicant:	City of Albany	County:	Benton	Date:	4/20/00
Investigators:	PF,BC	Township:	10S Range: 4W	Section:	26, 35, 36

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	
Depth of Surf. H2O		Inches	Inundated		Ox. rhizospheres	yes
Depth to Free H20	>16	Inches	Sat. in Upper 12"	yes	H20-stained leaves	
Depth to Saturation	0	Inches	Water Marks		Local Soil Survey	
			Drift Lines		FAC Neutral Test	
			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
0-3	10YR 3/2	SL				
3-16	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 multiflorum**	UPL	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:

Determination: Wetland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	North Albany LWI		Number: 1902	Sample Site	HRS-7Af-58
Applicant:	City of Albany	County:	Benton	Date:	5/5/00
Investigators:	PF,CR	Township:	10S Range: 4W	Section:	26, 35, 36

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	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:** 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
0-16	10YR 3/3	SL				

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

Criteria Met: No

VEGETATION

Tree Stratum (0%)	Status	% Cover	Herbaceous Stratum (100%)	Status	% Cover
			*Lolium multiflorum**	UPL	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:	North Albany LWI	Number:	1902	Sample Site	HRS-7Af-59
Applicant:	City of Albany	County:	Benton	Date:	5/5/00
Investigators:	PF,CR	Township:	10S Range: 4W	Section:	26, 35, 36

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"	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	5	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
0-16	10YR 3/2	SCL	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
			*Lolium multiflorum**	UPL	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:

Agricultural field

Determination: Wetland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	North Albany LWI	Number:	1902	Sample Site	HRS-7Af-60
Applicant:	City of Albany	County:	Benton	Date:	5/5/00
Investigators:	PF,CR	Township:	10S Range: 4W	Section:	26, 35, 36

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	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
0-3	10YR 3/1	C	7.5YR 4/6	common/medium/distinct		
3-4	5Y 3/1	C				
4-16	10YR 5/2	SDL				jumbled soil
4-16	10YR 4/6	SDL				

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

Criteria Met: No

VEGETATION

Tree Stratum (0%)	Status	% Cover	Herbaceous Stratum (100%)	Status	% Cover
			*Lolium multiflorum**	UPL	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:	North Albany LWI		Number: 1902	Sample Site	HRS-7Af-61
Applicant:	City of Albany	County:	Benton	Date:	5/5/00
Investigators:	PF,CR	Township:	10S Range: 4W	Section:	26, 35, 36

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	2	Inches
Depth to Free H20	0	Inches
Depth to Saturation	0	Inches

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

SOILS **Mapped Series:** 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
0-4	5Y 3/1	SL	10YR 3/6	common/medium/distinct		plow layer at 4"
4-14	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

Shrub Stratum (0%)	Status	% Cover

Herbaceous Stratum (100%)	Status	% Cover
*Glyceria sp.**	OBL	70
*Lolium multiflorum**	UPL	30

Woody Vine Stratum (0%)	Status	% Cover

Percent of dominant species FAC, FACW, or OBL*: 50% **Criteria Met:** N/A

Comments:

Determination: Wetland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	North Albany LWI	Number:	1902	Sample Site	HRS-7Af-62
Applicant:	City of Albany	County:	Benton	Date:	5/5/00
Investigators:	PF,CR	Township:	10S Range: 4W	Section:	26, 35, 36

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	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 (0%)	Status	% Cover	Herbaceous Stratum (100%)	Status	% Cover
			*Lolium multiflorum**	UPL	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:	North Albany LWI	Number:	1902	Sample Site	HRS-7Af-63
Applicant:	City of Albany	County:	Benton	Date:	5/5/00
Investigators:	PF,CR	Township:	10S	Range: 4W	Section: 26, 35, 36

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	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 3/3	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
			*Lolium multiflorum**	UPL	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:	North Albany LWI		Number: 1902	Sample Site	HRS-7B-64
Applicant:	City of Albany	County:	Benton	Date:	5/5/00
Investigators:	PF,CR	Township:	10S Range: 4W	Section:	25, 35, 36

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

SOILS **Mapped Series:** 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 3/1	SCL	7.5YR 3/4	few/medium/distinct		

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

Criteria Met: Yes

VEGETATION

Tree Stratum (0%)	Status	% Cover

Shrub Stratum (0%)	Status	% Cover

Herbaceous Stratum (95%)	Status	% Cover
*Phalaris arundinacea**	FACW	30
*Juncus patens**	FACW	30
*Holcus lanatus**	FAC	20
Festuca arundinacea	FAC-	10
Alopecurus pratensis	FACW	10

Woody Vine Stratum (5%)	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:	North Albany LWI	Number:	1902	Sample Site	HRS-7B-65
Applicant:	City of Albany	County:	Benton	Date:	5/5/00
Investigators:	PF,CR	Township:	10S Range: 4W	Section:	25, 35, 36

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

SOILS **Mapped Series:** 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
0-7	10YR 3/1	SL				
7-14	10YR 3/1	SL	7.5YR 4/4	common/medium/distinct	H_2S odor	

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

Criteria Met: Yes

VEGETATION

Tree Stratum (50%)	Status	% Cover
*Fraxinus latifolia**	FACW	100

Shrub Stratum (25%)	Status	% Cover
*Rosa eglanteria**	FACW	40
*Crataegus douglasii**	FAC	30
*Rosa pisocarpa**	FAC	30

Herbaceous Stratum (20%)	Status	% Cover
Festuca arundinacea	FAC-	15
*Epilobium watsonii**	FACW-	20
*Glyceria sp**	FACW-OBL	40
*Juncus patens**	FACW	20
Geum macrophyllum	FACW-	5

Woody Vine Stratum (5%)	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:	North Albany LWI		Number: 1902	Sample Site	HRS-7B-66
Applicant:	City of Albany	County:	Benton	Date:	5/5/00
Investigators:	PF,CR	Township:	10S Range: 4W	Section:	25, 35, 36

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

Is this an Atypical Situation? **No**

HYDROLOGY

			Primary Indicators		Secondary Indicators	
			Inundated		Ox. rhizospheres	yes
			Sat. in Upper 12"	yes	H20-stained leaves	
Depth of Surf. H2O		Inches	Water Marks		Local Soil Survey	
Depth to Free H20	10	Inches	Drift Lines		FAC Neutral Test	
Depth to Saturation	0	Inches	Sediment Deposits		Other	
			Drainage patterns		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	SL	7.5 YR 4/6	common/medium/distinct		

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

Criteria Met: Yes

VEGETATION

Tree Stratum (0%)	Status	% Cover

Shrub Stratum (0%)	Status	% Cover

Herbaceous Stratum (100%)	Status	% Cover
*Alopecurus pratensis**	FACW	20
*Festuca arundinacea**	FAC-	20
*Juncus patens**	FACW	20
*Agrostis tenuis**	FAC	20
Juncus effusus	FACW	5
Carex deweyana	FACU	2
Holcus lanatus	FAC	10

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:	North Albany LWI	Number:	1902	Sample Site	HRS-7B-67
Applicant:	City of Albany	County:	Benton	Date:	5/5/00
Investigators:	PF,CR	Township:	10S Range: 4W	Section:	25, 35, 36

Do Normal Circumstances exist on this site? **Yes** Is the area a potential Problem Area? **Yes**

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 (95%)	Status	% Cover
*Festuca arundinacea**	FAC-	60
*Dactylis glomerata**	FACU	40

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:	North Albany LWI	Number:	1902	Sample Site	HRS-8C-68
Applicant:	City of Albany	County:	Benton	Date:	5/5/00
Investigators:	PF,CR	Township:	10S Range: 4W	Section:	36

Do Normal Circumstances exist on this site? **Yes** Is the area a potential Problem Area? **Yes**

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:** 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
0-16	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 multiflorum**	UPL	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:	North Albany LWI		Number: 1902	Sample Site	HRS-8C-69
Applicant:	City of Albany	County:	Benton	Date:	5/5/00
Investigators:	PF,CR	Township:	10S Range: 4W	Section:	36

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

Is this an Atypical Situation? **No**

HYDROLOGY			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	7	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		Other Hydric Soil Field Indicators	Comments
			Color	abundance/size/contrast		
0-14	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
			*Alopecurus pratensis**	FACW	60
			Festuca arundinacea	FAC-	10
			Rumex crispus	FAC+	10
			Lolium multiflorum	UPL	10
			Dactylis glomerata	FACU	5
			Geranium robertiaum	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:	North Albany LWI	Number:	1902	Sample Site	HRS-8Af-70
Applicant:	City of Albany	County:	Benton	Date:	5/5/00
Investigators:	PF,CR	Township:	10S Range: 4W	Section:	35, 36

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"	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	0	Inches	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
0-16	10YR 3/1	SC	7.5YR 4/6	many/medium/prominent		

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

Criteria Met: Yes

VEGETATION

Tree Stratum (0%)	Status	% Cover	Herbaceous Stratum (100%)	Status	% Cover
			*Lolium multiflorum**	UPL	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:

Agricultural field

Determination: Wetland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	North Albany LWI	Number:	1902	Sample Site	HRS-9-71
Applicant:	City of Albany	County:	Benton	Date:	7/20/00
Investigators:	CR/PF	Township:	10S Range: 4W	Section:	36

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

Is this an Atypical Situation? **No**

HYDROLOGY

			Primary Indicators		Secondary Indicators	
			Inundated	yes	Ox. rhizospheres	yes
			Sat. in Upper 12"	yes	H20-stained leaves	
Depth of Surf. H2O	6	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:** 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	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 (30%)	Status	% Cover
*Fraxinus latifolia**	FACW	100

Shrub Stratum (20%)	Status	% Cover
*Crataegus douglasii**	FAC	100

Herbaceous Stratum (40%)	Status	% Cover
*Callitriche sp.**	OBL	20
*Holcus lanatus**	FAC	20
*Juncus patens**	FACW	20
Juncus effusus	FACW	10
*Agrostis tenuis**	FAC	20
Festuca arundinacea	FAC-	10

Woody Vine Stratum (10%)	Status	% Cover
*Rhus diversiloba**	UPL	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:	North Albany LWI	Number:	1902	Sample Site	HRS-9-72
Applicant:	City of Albany	County:	Benton	Date:	7/20/00
Investigators:	CR/PF	Township:	10S Range: 4W	Section:	36

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

Is this an Atypical Situation? **No**

HYDROLOGY

			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 3/3	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 (10%)	Status	% Cover
*Fraxinus latifolia**	FACW	100

Shrub Stratum (5%)	Status	% Cover
*Corylus cornuta**	FACU	100

Herbaceous Stratum (80%)	Status	% Cover
*Hypochaeris radicata**	FACU	20
*Agrostis tenuis**	FAC	65
Rumex crispus	FAC+	5
Phleum pratense	FAC-	5
Senecio jacobaea	FACU	5

Woody Vine Stratum (5%)	Status	% Cover
*Rhus diversiloba**	UPL	20
*Rubus discolor**	FACU	80

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:	North Albany LWI	Number:	1902	Sample Site	HRS-10B-73
Applicant:	City of Albany	County:	Benton	Date:	5/26/00
Investigators:	CR,FS	Township:	10S Range: 4W	Section:	25

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

SOILS **Mapped Series:** 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
0-12	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
*Bromus sp**	FACU-UPL	40
*Festuca arundinacea**	FAC-	25
*Anthoxanthum odoratum**	FACU	20
Vicia americana	FAC	5
Agrostis tenuis	FAC	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:	North Albany LWI		Number: 1902	Sample Site	HRS-10B-74
Applicant:	City of Albany	County:	Benton	Date:	5/26/00
Investigators:	CR,FS	Township:	10S Range: 4W	Section:	25

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

Is this an Atypical Situation? **No**

HYDROLOGY

			Primary Indicators		Secondary Indicators	
			Inundated		Ox. rhizospheres	yes
			Sat. in Upper 12"	yes	H20-stained leaves	
Depth of Surf. H2O		Inches	Water Marks		Local Soil Survey	
Depth to Free H20	8	Inches	Drift Lines		FAC Neutral Test	
Depth to Saturation	0	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
0-4	10YR 3/1	SCL				
4-9	10YR 3/1	SL	10YR 3/4	common/medium/distinct		
9-14	10YR 3/1	SL	10YR 3/3	many/coarse/distinct		

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

Criteria Met: Yes

VEGETATION

Tree Stratum (0%)	Status	% Cover	Herbaceous Stratum (100%)	Status	% Cover
			*Juncus patens**	FACW	40
			*Festuca arundinacea**	FAC-	20
			*Poa pratensis**	FAC	20
			*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: Wetland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	North Albany LWI	Number:	1902	Sample Site	HRS-10B-75
Applicant:	City of Albany	County:	Benton	Date:	5/26/00
Investigators:	CR,FS	Township:	10S Range: 4W	Section:	25

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

Is this an Atypical Situation? **No**

HYDROLOGY

			Primary Indicators		Secondary Indicators	
			Inundated		Ox. rhizospheres	yes
			Sat. in Upper 12"	yes	H20-stained leaves	
Depth of Surf. H2O		Inches	Water Marks		Local Soil Survey	
Depth to Free H20	2	Inches	Drift Lines		FAC Neutral Test	
Depth to Saturation	0	Inches	Sediment Deposits		Other	
			Drainage patterns		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 3/1	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

Shrub Stratum (0%)	Status	% Cover

Herbaceous Stratum (100%)	Status	% Cover
*Typha latifolia**	OBL	30
*Eleocharis palustris**	OBL	50
Callitriche stagnalis	OBL	10
Glyceria sp.	FACW-OBL	5
Veronica americana	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:	North Albany LWI	Number:	1902	Sample Site	HRS-11B-76
Applicant:	City of Albany	County:	Benton	Date:	5/12/00
Investigators:	PF,FS	Township:	10S	Range: 4W	Section: 25, 36

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

SOILS **Mapped Series:** 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
0-16	10YR 3/1	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
			*Juncus patens**	FACW	30
			*Festuca arundinacea**	FAC-	30
			*Holcus lanatus**	FAC	20
			*Poa pratensis**	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: Wetland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	North Albany LWI	Number:	1902	Sample Site	HRS-11B-77
Applicant:	City of Albany	County:	Benton	Date:	5/12/00
Investigators:	PF,FS	Township:	10S Range: 4W	Section:	25, 36

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

SOILS **Mapped Series:** 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
0-9	10YR 3/2	SL				
9-14	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-	70
			*Poa pratensis**	FAC	30
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:	North Albany LWI		Number: 1902	Sample Site	HRS-11B-78
Applicant:	City of Albany	County:	Benton	Date:	5/12/00
Investigators:	PF,FS	Township:	10S Range: 4W	Section:	25, 36

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

Is this an Atypical Situation? **No**

HYDROLOGY

			Primary Indicators		Secondary Indicators	
			Inundated		Ox. rhizospheres	yes
			Sat. in Upper 12"	yes	H20-stained leaves	
Depth of Surf. H2O		Inches	Water Marks		Local Soil Survey	
Depth to Free H20	0	Inches	Drift Lines		FAC Neutral Test	
Depth to Saturation	0	Inches	Sediment Deposits		Other	
			Drainage patterns		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
0-4	10YR 3/1	SL	10YR 3/3	few/fine/faint		
4-14	10YR 3/1	SL	10YR 3/4	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
*Scirpus microcarpus**	OBL	40
*Alopecurus pratensis**	FACW	40
Alopecurus geniculatus	OBL	10
Veronica americana	OBL	5
Poa trivialis	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:	North Albany LWI	Number:	1902	Sample Site	HRS-11C-79
Applicant:	City of Albany	County:	Benton	Date:	5/12/00
Investigators:	PF,FS	Township:	10S Range: 4W	Section:	25, 36

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

Is this an Atypical Situation? **No**

HYDROLOGY

			Primary Indicators		Secondary Indicators
			Inundated		Ox. rhizospheres
			Sat. in Upper 12"	yes	H20-stained leaves
Depth of Surf. H2O		Inches	Water Marks		Local Soil Survey
Depth to Free H20	1	Inches	Drift Lines		FAC Neutral Test
Depth to Saturation	0	Inches	Sediment Deposits		Other
			Drainage patterns		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
0-16	10YR 4/1	SCL	7.5YR 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 (40%)	Status	% Cover
*Fraxinus latifolia**	FACW	70
*Quercus garryana**	UPL	30

Shrub Stratum (10%)	Status	% Cover
*Rosa pisocarpa**	FAC	70
*Fraxinus latifolia**	FACW	20
Symphoricarpos albus	FACU	10

Herbaceous Stratum (40%)	Status	% Cover
*Juncus patens**	FACW	20
*Claytonia sibirica**	FAC	30
*Ranunculus uncinatus**	FAC-	20
*Carex deweyana**	FACU	20
Galium aparine	FACU	5
Rumex crispus	FAC+	5

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

Percent of dominant species FAC, FACW, or OBL*: 56% Criteria Met: Yes

Comments:

Determination: Wetland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	North Albany LWI	Number:	1902	Sample Site	HRS-11C-80
Applicant:	City of Albany	County:	Benton	Date:	5/12/00
Investigators:	PF,FS	Township:	10S	Range: 4W	Section: 25, 36

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

SOILS **Mapped Series:** 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
0-3	10YR 4/4	SL				
3-16	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 (15%)	Status	% Cover
*Acer macrophyllum**	FACU	40
*Quercus garryana**	UPL	60

Shrub Stratum (10%)	Status	% Cover
*Acer macrophyllum**	FACU	30
*Corylus cornuta**	FACU	20
*Symphoricarpos albus**	FACU	40
Quercus garryana	UPL	10

Herbaceous Stratum (60%)	Status	% Cover
*Festuca arundinacea**	FAC-	30
Chrysanthemum leucanthemum	UPL	10
Juncus patens	FACW	5
*Agrostis tenuis**	FAC	20
*Anthoxanthum odoratum**	FACU	20
Pteridium aquilinum	FACU	10

Woody Vine Stratum (15%)	Status	% Cover
*Rubus ursinus**	FACU	20
*Rhus diversiloba**	UPL	80

Percent of dominant species FAC, FACW, or OBL*: 10% **Criteria Met:** No

Comments:

Determination: Upland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	North Albany LWI		Number: 1902	Sample Site	HRS-11C-81
Applicant:	City of Albany	County:	Benton	Date:	5/12/00
Investigators:	PF,FS	Township:	10S Range: 4W	Section:	25, 36

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

Is this an Atypical Situation? No

HYDROLOGY

			Primary Indicators		Secondary Indicators	
			Inundated		Ox. rhizospheres	yes
			Sat. in Upper 12"	yes	H20-stained leaves	
Depth of Surf. H2O		Inches	Water Marks		Local Soil Survey	
Depth to Free H20	2	Inches	Drift Lines		FAC Neutral Test	
Depth to Saturation	0	Inches	Sediment Deposits		Other	
			Drainage patterns		Criteria Met:	Yes

SOILS **Mapped Series:** 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 3/1	SCL				
6-14	10YR 3/1	SCL	7.5 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 (0%)	Status	% Cover

Shrub Stratum (0%)	Status	% Cover

Herbaceous Stratum (100%)	Status	% Cover
*Holcus lanatus**	FAC	20
*Veronica americana**	OBL	20
Epilobium watsonii	FACW-	10
Galium trifidum	FACW+	10
Ranunculus orthorhynchus	FACW-	20
Ranunculus uncinatus	FAC-	5
Rumex crispus	FAC+	5
Juncus patens	FACW	3
Carex deweyana	FACU	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:	North Albany LWI		Number: 1902	Sample Site	HRS-11C-82
Applicant:	City of Albany	County:	Benton	Date:	5/12/00
Investigators:	PF,FS	Township:	10S Range: 4W	Section:	25, 36

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

SOILS **Mapped Series:** 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	SL				
0-16	10YR 4/3	SL				mixed; jumbled

*SD=Sand, SDL=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
*Festuca arundinacea**	FAC-	30
*Juncus patens**	FACW	20
Vicia sativa	UPL	2
Cirsium arvense	FACU+	2
*Anthoxanthum odoratum**	FACU	20
Agrostis tenuis	FAC	10
Scirpus microcarpus	OBL	5
Carex leporina	FACW	10

Woody Vine Stratum (10%)	Status	% Cover
*Rhus diversiloba**	UPL	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:	North Albany LWI	Number:	1902	Sample Site	HRS-11D-83
Applicant:	City of Albany	County:	Benton	Date:	7/20/00
Investigators:	CR/PF	Township:	10S Range: 4W	Section:	36

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

Is this an Atypical Situation? **No**

HYDROLOGY

			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:** 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
0-12	10YR 3/2	SL	2.5YR 3/6	common/medium/prominent		

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

Criteria Met: Yes

VEGETATION

Tree Stratum (0%)	Status	% Cover	Herbaceous Stratum (100%)	Status	% Cover
			*Festuca arundinacea**	FAC-	30
			*Juncus patens**	FACW	40
			*Juncus effusus**	FACW	20
			Holcus lanatus	FAC	10
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:	North Albany LWI	Number:	1902	Sample Site	HRS-11D-84
Applicant:	City of Albany	County:	Benton	Date:	7/20/00
Investigators:	CR/PF	Township:	10S Range: 4W	Section:	36

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

Is this an Atypical Situation? **No**

HYDROLOGY

			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:** 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
0-16	10YR 3/3	SL	10YR 4/6	few/medium/faint		

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

Criteria Met: No*

VEGETATION

Tree Stratum (0%)	Status	% Cover	Herbaceous Stratum (80%)	Status	% Cover
			*Festuca arundinacea**	FAC-	50
			*Agrostis tenuis**	FAC	30
			*Alopecurus pratensis**	FACW	20
Shrub Stratum (0%)	**Status**	**% Cover**			
			Woody Vine Stratum (20%)	**Status**	**% Cover**
			*Rubus discolor**	FACU	100

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

Comments:

Determination: Upland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	North Albany LWI	Number:	1902	Sample Site	HRS-11E-85
Applicant:	City of Albany	County:	Benton	Date:	7/20/00
Investigators:	CR/PF	Township:	10S Range: 4W	Section:	36

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

Is this an Atypical Situation? **No**

HYDROLOGY

			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	8	Inches	Drift Lines		FAC Neutral Test	
Depth to Saturation	0	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
0-12	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
*Holcus lanatus**	FAC	20
*Stachys cooleyae**	FACW	20
*Agrostis stolonifera**	FAC	30
Juncus patens	FACW	5
*Rorippa curvisiliqua**	OBL	20
Veronica americana	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:	North Albany LWI	Number:	1902	Sample Site	HRS-11F-86
Applicant:	City of Albany	County:	Benton	Date:	7/20/00
Investigators:	CR/PF	Township:	10S Range: 4W	Section:	36

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

Is this an Atypical Situation? **No**

HYDROLOGY

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:** 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
0-10	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
*Thuja plicata**	FAC	20
*Quercus garryana**	UPL	30
*Fraxinus latifolia**	FACW	30
*Pseudotsuga menziesii**	FACU	20

Shrub Stratum (0%)	Status	% Cover

Herbaceous Stratum (60%)	Status	% Cover
Festuca arundinacea	FAC-	10
*Anthoxanthum odoratum**	FACU	20
*Dactylis glomerata**	FACU	20
Trifolium pratense	FACU	10
Holcus lanatus	FAC	10
Agrostis tenuis	FAC	10
*Vicia tetrasperma**	UPL	20

Woody Vine Stratum (30%)	Status	% Cover
*Rubus ursinus**	FACU	60
*Rubus discolor**	FACU	40

Percent of dominant species FAC, FACW, or OBL*: 22% **Criteria Met:** No

Comments:

Determination: Upland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	North Albany LWI	Number:	1902	Sample Site	HRS-11F-87
Applicant:	City of Albany	County:	Benton	Date:	7/20/00
Investigators:	CR/PF	Township:	10S Range: 4W	Section:	36

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

Is this an Atypical Situation? **No**

HYDROLOGY

			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:** 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
0-16	10YR 3/1	SCL	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 (5%)	Status	% Cover
*Physocarpus capitatus**	FACW-	100

Herbaceous Stratum (95%)	Status	% Cover
*Poa trivialis**	FACW	30
Epilobium watsonii	FACW-	5
*Holcus lanatus**	FAC	20
Anthoxanthum odoratum	FACU	15
Vicia tetrasperma	UPL	10
*Agrostis stolonifera**	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:	North Albany LWI	Number:	1902	Sample Site	HRS-11G-88
Applicant:	City of Albany	County:	Benton	Date:	7/20/00
Investigators:	CR/PF	Township:	10S Range: 4W	Section:	36

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

Is this an Atypical Situation? **No**

HYDROLOGY

			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:** 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
0-12	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 (60%)	Status	% Cover	Herbaceous Stratum (40%)	Status	% Cover
*Quercus rubra**	UPL	100	*Festuca arundinacea**	FAC-	60
			Prunella vulgaris	FACU+	10
			Poa pratensis	FAC	10
			Taraxacum officinale	FACU	10
Shrub Stratum (0%)	**Status**	**% Cover**			
			Woody Vine Stratum (0%)	**Status**	**% Cover**

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

Comments:

Determination: Upland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	**North Albany LWI**	Number:	**1902**	Sample Site	**HRS-11G-89**
Applicant:	**City of Albany**	County:	**Benton**	Date:	**7/20/00**
Investigators:	**CR/PF**	Township:	**10S** Range: **4W**	Section:	**36**

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

Is this an Atypical Situation? **No**

HYDROLOGY

			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:** 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
0-4	5Y 3/2	SC			Sulfur smell	high organic content
4+	5Y 3/1	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 (20%)	Status	% Cover
*Salix lasiandra**	FACW+	100

Herbaceous Stratum (80%)	Status	% Cover
*Nuphar luteum**	OBL	25
*Typha latifolia**	OBL	30
Phalaris arundinacea	FACW	15
*Ludwigia palustris**	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:	North Albany LWI	Number:	1902	Sample Site	HRS-11H-90
Applicant:	City of Albany	County:	Benton	Date:	5/26/00
Investigators:	CR,FS	Township:	10S Range: 4W	Section:	36

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

Is this an Atypical Situation? **No**

HYDROLOGY

			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	>10	Inches	Drift Lines	FAC Neutral Test
Depth to Saturation	>10	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
0-10	10YR 3/3	SL				refusal at 10" very compact; gravelly throughout

*SD=Sand, SDL=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
			Poa pratensis	FAC	10
			Poa annua	FAC	10
			*Trifolium repens**	FAC	20
			Chrysanthemum leucanthemum	UPL	10
			*Hypochaeris radicata**	FACU	10
Shrub Stratum (0%)	**Status**	**% Cover**	*Agrostis tenuis*	FAC	10
			Woody Vine Stratum (0%)	**Status**	**% Cover**

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

Comments: Vegetation is a mowed lawn.

Determination: Upland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	North Albany LWI	Number:	1902	Sample Site	HRS-11H-91
Applicant:	City of Albany	County:	Benton	Date:	5/26/00
Investigators:	CR,FS	Township:	10S Range: 4W	Section:	36

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

Is this an Atypical Situation? **No**

HYDROLOGY

			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	3	Inches	Drift Lines		FAC Neutral Test	
Depth to Saturation	0	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
0-5	10YR 2.5/1	SL				many roots
5-14	5Y 4/2	SCL	10YR 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
			*Typha latifolia**	OBL	30
			*Phalaris arundinacea**	FACW	70
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:	North Albany LWI		Number: 1902	Sample Site	HRS-12B-92
Applicant:	City of Albany	County:	Benton	Date:	5/16/00
Investigators:	PF,CR	Township:	10S Range: 4W	Section:	36

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

Is this an Atypical Situation? **No**

HYDROLOGY

Depth of Surf. H2O		Inches
Depth to Free H20	<10	Inches
Depth to Saturation	0	Inches

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

SOILS

Mapped Series: 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/prominent	H2S odor	

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

Criteria Met: Yes

VEGETATION

Tree Stratum (0%)	Status	% Cover

Shrub Stratum (5%)	Status	% Cover
*Crataegus douglasii**	FAC	100

Herbaceous Stratum (95%)	Status	% Cover
Phalaris arundinacea	FACW	10
*Anthoxanthum odoratum**	FACU	20
Eleocharis palustris	OBL	10
*Carex feta**	FACW	20
*Juncus patens**	FACW	20
Festuca arundinacea	FAC-	10
Agrostis tenuis	FAC	10

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:	North Albany LWI		Number: 1902	Sample Site	HRS-12B-93
Applicant:	City of Albany	County:	Benton	Date:	5/16/00
Investigators:	PF,CR	Township:	10S Range: 4W	Section:	36

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

Is this an Atypical Situation? **No**

HYDROLOGY

			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:** 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
0-16	10YR 3/3	SL				

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

Criteria Met: No

VEGETATION

Tree Stratum (0%)	Status	% Cover	Herbaceous Stratum (100%)	Status	% Cover
			*Phalaris arundinacea**	FACW	90
			Galium aparine	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: Upland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	North Albany LWI		Number: 1902	Sample Site	HRS-13-94
Applicant:	City of Albany	County:	Benton	Date:	5/16/00
Investigators:	PF,CR	Township:	10S Range: 4W	Section:	36

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

Is this an Atypical Situation? **No**

HYDROLOGY

			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:** 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
0-16	10YR 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 (0%)	Status	% Cover	Herbaceous Stratum (95%)	Status	% Cover
			*Phalaris arundinacea**	FACW	20
			*Festuca arundinacea**	FAC-	30
			*Holcus lanatus**	FAC	30
			*Agrostis tenuis**	FAC	20
Shrub Stratum (5%)	**Status**	**% Cover**			
*Corylus cornuta**	FACU	100			
			Woody Vine Stratum (0%)	**Status**	**% Cover**

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

Comments:

Determination: Upland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	North Albany LWI	Number:	1902	Sample Site	HRS-13-95
Applicant:	City of Albany	County:	Benton	Date:	5/16/00
Investigators:	PF,CR	Township:	10S	Range: 4W	Section: 36

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

Is this an Atypical Situation? **No**

HYDROLOGY

Depth of Surf. H2O	0.5	Inches
Depth to Free H20	0	Inches
Depth to Saturation	0	Inches

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

SOILS **Mapped Series:** 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
0-12	10YR 4/1	S			H_2S odor	

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

Criteria Met: Yes

VEGETATION

Tree Stratum (0%)	Status	% Cover

Shrub Stratum (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:	North Albany LWI		Number: 1902	Sample Site	SPH-1A-96
Applicant:	City of Albany	County:	Benton	Date:	6/15/00
Investigators:	JVS,SE	Township:	10S Range: 4W	Section:	36

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

Is this an Atypical Situation? **No**

HYDROLOGY

			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:** Veneta loam **Hydric Soil?:** No

Classification: Ultic Haploxeralfs **Drainage Class:** well drained

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations Color	Redox Concentrations abundance/size/contrast	Other Hydric Soil Field Indicators	Comments
0-2	10YR 3/2	SCL	7.5YR 4/6	common/medium/distinct		
2-16	10YR 3/1	CL	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 (5%)	Status	% Cover	Herbaceous Stratum (85%)	Status	% Cover
*Populus trichocarpa**	FAC	100	*Juncus patens**	FACW	25
			*Carex unilateralis**	FACW	25
			*Festuca arundinacea**	FAC-	20
			*Holcus lanatus**	FAC	20
			Alopecurus pratensis	FACW	10
Shrub Stratum (0%)	**Status**	**% Cover**			
			Woody Vine Stratum (10%)	**Status**	**% Cover**
			*Rubus ursinus**	FACU	60
			*Rubus discolor**	FACU	40

Percent of dominant species FAC, FACW, or OBL*: 57% Criteria Met: Yes

Comments:

Determination: Wetland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	North Albany LWI		Number: 1902	Sample Site	SPH-1A-97
Applicant:	City of Albany	County:	Benton	Date:	6/15/00
Investigators:	JVS,SE	Township:	10S Range: 4W	Section:	36

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

Is this an Atypical Situation? **No**

HYDROLOGY

			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:** Veneta loam **Hydric Soil?:** No

Classification: Ultic Haploxeralfs **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 3/3	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 (30%)	Status	% Cover
*Pseudotsuga menziesii**	FACU	40
*Acer macrophyllum**	FACU	60

Shrub Stratum (20%)	Status	% Cover
*Crataegus monogyna**	FACU+	70
*Ilex aquifolium**	UPL	30

Herbaceous Stratum (10%)	Status	% Cover
*Galium aparine**	FACU	95

Woody Vine Stratum (40%)	Status	% Cover
*Hedera helix**	UPL	65
*Rubus ursinus**	FACU	35

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

Comments: little herb layer - mostly bare ground and non-dominants

Determination: Upland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	North Albany LWI		Number: 1902	Sample Site	SPH-1B-98
Applicant:	City of Albany	County:	Benton	Date:	6/2/00
Investigators:	CR,FS	Township:	10S Range: 4W	Section:	36

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

Is this an Atypical Situation? **No**

HYDROLOGY

			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	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 (10%)	Status	% Cover
*Cornus stolonifera**	FACW	70
*Crataegus monogyna**	FACU+	30

Shrub Stratum (45%)	Status	% Cover
*Malus fusca**	FACW	65
*Populus trichocarpa**	FAC	35

Herbaceous Stratum (20%)	Status	% Cover
*Juncus patens**	FACW	60
*Phalaris arundinacea**	FACW	40

Woody Vine Stratum (25%)	Status	% Cover
*Rubus discolor**	FACU	30
*Rhus diversiloba**	UPL	50
*Rubus ursinus**	FACU	20

Percent of dominant species FAC, FACW, or OBL*: 56% **Criteria Met:** Yes

Comments:

Determination: Upland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	North Albany LWI		Number: 1902	Sample Site	SPH-1B-99
Applicant:	City of Albany	County:	Benton	Date:	6/2/00
Investigators:	CR,FS	Township:	10S Range: 4W	Section:	36

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

Is this an Atypical Situation? **No**

HYDROLOGY

			Primary Indicators		Secondary Indicators
			Inundated		Ox. rhizospheres
			Sat. in Upper 12"	yes	H20-stained leaves
Depth of Surf. H2O		Inches	Water Marks		Local Soil Survey
Depth to Free H20	>16	Inches	Drift Lines		FAC Neutral Test
Depth to Saturation	0	Inches	Sediment Deposits		Other
			Drainage patterns		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
0-7	10YR 3/2	SL	10YR 4/4	common/fine/faint	Mn concentrations	
7-16	10YR 4/1	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 (30%)	Status	% Cover
*Populus trichocarpa**	FAC	20
*Crataegus monogyna**	FACU+	20
*Salix lasiandra**	FACW+	60

Shrub Stratum (10%)	Status	% Cover
*Rosa pisocarpa**	FAC	60
*Corylus cornuta**	FACU	40

Herbaceous Stratum (55%)	Status	% Cover
*Phalaris arundinacea**	FACW	60
*Juncus patens**	FACW	25
Juncus effusus	FACW	15

Woody Vine Stratum (5%)	Status	% Cover
*Rubus discolor**	FACU	100

Percent of dominant species FAC, FACW, or OBL*: 63% Criteria Met: Yes

Comments:

Determination: Wetland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	North Albany LWI		Number: 1902	Sample Site	SPH-2A-100
Applicant:	City of Albany	County:	Benton	Date:	7/13/00
Investigators:	CR/SE	Township:	10S Range: 4W	Section:	36

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

Is this an Atypical Situation? **No**

HYDROLOGY			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:** 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
0-12	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
			*Festuca arundinacea**	FAC-	20
			*Agrostis stolonifera**	FAC	20
			Fraxinus latifolia (seedlings)	FACW	10
			*Holcus lanatus**	FAC	20
			*Alopecurus pratensis**	FACW	30
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: Wetland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	**North Albany LWI**	Number:	**1902**	Sample Site	**SPH-2B-101**
Applicant:	**City of Albany**	County:	**Benton**	Date:	**7/13/00**
Investigators:	**CR/SE**	Township:	**10S** Range: **4W**	Section:	**36**

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

Is this an Atypical Situation? **No**

HYDROLOGY

			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:** 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
0-3	10YR 3/2	SL				
3-8	10YR 3/1	SL	10YR 4/6	common/fine/distinct		
8-14	2.5Y 3/1	SL	10YR 3/6	few/medium/distinct	Mn concentrations	

*SD=Sand, SDL=Sandy Loam, L=Loam, 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
Taraxacum officinale	FACU	15
*Festuca arundinacea**	FAC-	35
*Juncus tenuis**	FACW-	30
Holcus lanatus	FAC	10
Centaurium umbellatum	FAC	5
Carex densa	OBL	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:	North Albany LWI	Number:	1902	Sample Site	SPH-2B-102
Applicant:	City of Albany	County:	Benton	Date:	7/13/00
Investigators:	CR/SE	Township:	10S	Range: 4W	Section: 36

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

Is this an Atypical Situation? **No**

HYDROLOGY

			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:** 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
0-12	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
			*Festuca arundinacea**	FAC-	50
			*Anthoxanthum odoratum**	FACU	40
			Holcus lanatus	FAC	10
Shrub Stratum (0%)	**Status**	**% Cover**			
			Woody Vine Stratum (0%)	**Status**	**% Cover**

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

Comments:

Determination: Upland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	North Albany LWI	Number:	1902	Sample Site	SPH-2B-103
Applicant:	City of Albany	County:	Benton	Date:	7/13/00
Investigators:	CR/SE	Township:	10S	Range: 4W	Section: 36

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

Is this an Atypical Situation? **No**

HYDROLOGY

			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	7	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
0-7	Gley 10Y3	SL	10YR 4/6	common/medium/distinct		70%
0-7	2.5Y 3/2	SL	10YR 4/6	common/medium/distinct		30%
7-14	2.5Y 3/2	SL	10YR 4/6	common/faint/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
Allium sp.	FACU-OBL	10
*Carex densa**	OBL	20
Rumex crispus	FAC+	10
*Alopecurus pratensis**	FACW	20
*Callitriche stagnalis**	OBL	35

Woody Vine Stratum (0%)	Status	% Cover

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

Comments: drainage ditch with large areas of bare mud

Determination: Wetland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	**North Albany LWI**	Number:	**1902**	Sample Site	**SPH-2B-104**
Applicant:	**City of Albany**	County:	**Benton**	Date:	**7/13/00**
Investigators:	**CR/SE**	Township:	**10S** Range: **4W**	Section:	**36**

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

Is this an Atypical Situation? **No**

HYDROLOGY

			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:** 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
0-12	10YR 3/2	SL	7.5YR 4/6	few/fine/faint		

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

Criteria Met: Yes

VEGETATION

Tree Stratum (0%)	Status	% Cover	Herbaceous Stratum (100%)	Status	% Cover
			*Festuca arundinacea**	FAC-	20
			Carex feta	FACW	5
			Carex densa	OBL	5
			Anthoxanthum odoratum	FACU	15
			*Holcus lanatus**	FAC	25
			Hypochaeris radicata	FACU	5
Shrub Stratum (0%)	**Status**	**% Cover**	*Alopecurus pratensis**	FACW	25
			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:	North Albany LWI	Number:	1902	Sample Site	SPH-2C-105
Applicant:	City of Albany	County:	Benton	Date:	7/13/00
Investigators:	CR/SE	Township:	10S Range: 4W	Section:	36

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

Is this an Atypical Situation? **No**

HYDROLOGY

			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
0-14	10YR 3/4	SL				stoney fill material with asphalt,cement, and rocks

*SD=Sand, SDL=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-	60
			*Anthoxanthum odoratum**	FACU	25
			Taraxacum officinale	FACU	10
Shrub Stratum (0%)	**Status**	**% Cover**			
			Woody Vine Stratum (0%)	**Status**	**% Cover**

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

Comments:

Determination: Upland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	North Albany LWI	Number:	1902	Sample Site	SPH-2C-106
Applicant:	City of Albany	County:	Benton	Date:	7/13/00
Investigators:	CR/SE	Township:	10S	Range: 4W	Section: 36

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

Is this an Atypical Situation? **No**

HYDROLOGY

			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: 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	7.5YR 4/6	common/medium/prominent		

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

Criteria Met: Yes

VEGETATION

Tree Stratum (10%)	Status	% Cover	Herbaceous Stratum (70%)	Status	% Cover
*Fraxinus latifolia**	FACW	100	*Convolvulus arvensis*	UPL	10
			*Phalaris arundinacea**	FACW	50
			*Alopecurus pratensis**	FACW	40
Shrub Stratum (20%)	**Status**	**% Cover**			
*Populus trichocarpa**	FAC	80			
*Fraxinus latifolia**	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:	North Albany LWI		Number: 1902	Sample Site	SPH-3-107
Applicant:	City of Albany	County:	Benton	Date:	6/15/00
Investigators:	JVS,SE	Township:	10S Range: 4W	Section:	36

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

Is this an Atypical Situation? **No**

HYDROLOGY

			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	12	Inches	Sediment Deposits		Other	
			Drainage patterns		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
0-16	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 (20%)	Status	% Cover	Herbaceous Stratum (50%)	Status	% Cover
*Fraxinus latifolia**	FACW	100	*Phalaris arundinacea**	FACW	100
Shrub Stratum (30%)	**Status**	**% Cover**			
*Crataegus douglasii**	FAC	70			
*Malus sp.**	UPL	30	**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:	North Albany LWI	Number:	1902	Sample Site	SPH-3-108
Applicant:	City of Albany	County:	Benton	Date:	6/15/00
Investigators:	JVS,SE	Township:	10S	Range: 4W	Section: 36

Do Normal Circumstances exist on this site? — 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:** 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
0-16	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 (40%)	Status	% Cover
*Crataegus douglasii**	FAC	80
*Fraxinus latifolia**	FACW	20

Shrub Stratum (30%)	Status	% Cover
*Rosa pisocarpa**	FAC	30
*Crataegus douglasii**	FAC	70

Herbaceous Stratum (15%)	Status	% Cover
*Carex deweyana**	FACU	60
*Galium aparine**	FACU	30
Polystichum munitum	FACU	10

Woody Vine Stratum (15%)	Status	% Cover
*Hedera helix**	UPL	100

Percent of dominant species FAC, FACW, or OBL*: 57% — **Criteria Met:** Yes

Comments:

Determination: Upland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	North Albany LWI	Number:	1902	Sample Site	SPH-3-109
Applicant:	City of Albany	County:	Benton	Date:	6/15/00
Investigators:	JVS,SE	Township:	10S Range: 4W	Section:	36

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

Is this an Atypical Situation? **No**

HYDROLOGY

			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	yes	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
0-2	10YR 3/2	SL				
2-15	10YR 3/1	SL	10YR 3/4	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 (50%)	Status	% Cover	Herbaceous Stratum (50%)	Status	% Cover
*Populus trichocarpa**	FAC	20	*Carex obnupta**	OBL	95
*Fraxinus latifolia**	FACW	80			
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:	North Albany LWI	Number:	1902	Sample Site	SPH-3-110
Applicant:	City of Albany	County:	Benton	Date:	6/23/00
Investigators:	PF/SE	Township:	10S Range: 3W	Section:	31

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

Is this an Atypical Situation? **No**

HYDROLOGY

			Primary Indicators	Secondary Indicators
			Inundated	Ox. rhizospheres
			Sat. in Upper 12"	H20-stained leaves
Depth of Surf. H2O		Inches	Water Marks	Local Soil Survey
Depth to Free H20	>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
0-14	10YR 4/1	SCL	10YR 3/4	many/medium/distinct	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 (20%)	Status	% Cover
*Fraxinus latifolia**	FACW	100

Shrub Stratum (30%)	Status	% Cover
*Corylus cornuta**	FACU	20
*Crataegus douglasii**	FAC	20
*Fraxinus latifolia**	FACW	60

Herbaceous Stratum (20%)	Status	% Cover
Carex deweyana	FACU	10
*Juncus patens**	FACW	30
*Poa trivialis**	FACW	30
*Glecoma hederacea**	FACU+	30

Woody Vine Stratum (30%)	Status	% Cover
*Hedera helix**	UPL	85
Rubus ursinus	FACU	15

Percent of dominant species FAC, FACW, or OBL*: 63% **Criteria Met:** Yes

Comments:

Determination: Wetland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	North Albany LWI	Number:	1902	Sample Site	SPH-3-111
Applicant:	City of Albany	County:	Benton	Date:	6/23/00
Investigators:	PF/SE	Township:	10S	Range: 3W	Section: 31

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

Is this an Atypical Situation? **No**

HYDROLOGY

			Primary Indicators	Secondary Indicators
			Inundated	Ox. rhizospheres
			Sat. in Upper 12"	H20-stained leaves
Depth of Surf. H2O		Inches	Water Marks	Local Soil Survey
Depth to Free H20	>16	Inches	Drift Lines	FAC Neutral Test
Depth to Saturation	>16	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
0-16	10YR 3/3	SL				

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

Criteria Met: No

VEGETATION

Tree Stratum (30%)	Status	% Cover
*Fraxinus latifolia**	FACW	100

Shrub Stratum (30%)	Status	% Cover
*Corylus cornuta**	FACU	70
*Pyrus malus**	UPL	30

Herbaceous Stratum (20%)	Status	% Cover
*Polystichum munitum**	FACU	100

Woody Vine Stratum (20%)	Status	% Cover
*Hedera helix**	UPL	60
*Rubus discolor**	FACU	40

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

Comments:

Determination: Upland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	North Albany LWI	Number:	1902	Sample Site	SPH-4-112
Applicant:	City of Albany	County:	Benton	Date:	6/23/00
Investigators:	PF/SE	Township:	10S	Range: 4W	Section: 31

Do Normal Circumstances exist on this site? **No** 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:** 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
0-14	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 (70%)	Status	% Cover
*Chrysanthemum leucanthemum**	UPL	30
Cirsium vulgare	FACU	5
Hypochaeris radicata	FACU	10
*Trifolium repens**	FAC	20
Holcus lanatus	FAC	10
*Trifolium pratense**	FACU	20

Woody Vine Stratum (30%)	Status	% Cover
*Rubus discolor**	FACU	100

Percent of dominant species FAC, FACW, or OBL*: 25% Criteria Met: No

Comments: heavily grazed horse pasture

Determination: Upland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	North Albany LWI	Number:	1902	Sample Site	SPH-4-113
Applicant:	City of Albany	County:	Benton	Date:	6/23/00
Investigators:	PF/SE	Township:	10S Range: 4W	Section:	31

Do Normal Circumstances exist on this site? **No** 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:** 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
3-0						decomposing veg
0-8	10YR 3/1	SL	7.5YR 4/6	common/medium/prominent		
8-14	2.5Y 4/1	SDCL	7.5YR 4/6	many/medium/prominent		

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

Criteria Met: Yes

VEGETATION

Tree Stratum (25%)	Status	% Cover	Herbaceous Stratum (70%)	Status	% Cover
*Fraxinus latifolia**	FACW	100	*Phalaris arundinacea**	FACW	80
			*Alopecurus pratensis**	FACW	20
Shrub Stratum (0%)	**Status**	**% Cover**			
			Woody Vine Stratum (5%)	**Status**	**% Cover**
			Rubus discolor	FACU	100

Percent of dominant species FAC, FACW, or OBL*: 75% **Criteria Met:** Yes

Comments: heavily grazed horse pasture

Determination: Wetland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	North Albany LWI	Number:	1902	Sample Site	SPH-4-114
Applicant:	City of Albany	County:	Benton	Date:	6/15/00
Investigators:	JVS,SE	Township:	10S Range: 4W	Section:	31

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

Is this an Atypical Situation? **No**

HYDROLOGY

			Primary Indicators	Secondary Indicators
			Inundated	Ox. rhizospheres
			Sat. in Upper 12"	H20-stained leaves
Depth of Surf. H2O		Inches	Water Marks	Local Soil Survey
Depth to Free H20	>18	Inches	Drift Lines	FAC Neutral Test
Depth to Saturation	>18	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
0-8	10YR 3/2	SL				
8-18	10YR 3/3	SL	7.5YR 4/6	few/medium/faint		

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

Criteria Met: No

VEGETATION

Tree Stratum (0%)	Status	% Cover	Herbaceous Stratum (100%)	Status	% Cover
			*Holcus lanatus**	FAC	20
			*Festuca arundinacea**	FAC-	30
			Agrostis tenuis	FAC	10
			*Phalaris arundinacea**	FACW	20
			*Anthoxanthum odoratum**	FACU	20
Shrub Stratum (0%)	**Status**	**% Cover**			
			Woody Vine Stratum (0%)	**Status**	**% Cover**

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

Comments:

Determination: Upland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	North Albany LWI	Number:	1902	Sample Site	THO-1A-115
Applicant:	City of Albany	County:	Benton	Date:	6/23/00
Investigators:	PF/SE	Township:	10S Range: 3W	Section:	31

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

Is this an Atypical Situation? **No**

HYDROLOGY

			Primary Indicators		Secondary Indicators	
			Inundated		Ox. rhizospheres	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:** 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	10YR 3/2	SL				
8-12	10YR 3/2	SL	7.5YR 4/6	common/medium/distinct		refusal at 12" by roots and 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 (60%)	Status	% Cover
*Populus trichocarpa**	FAC	40
*Fraxinus latifolia**	FACW	40
*Salix scouleriana**	FAC	20

Shrub Stratum (30%)	Status	% Cover
*Fraxinus latifolia**	FACW	40
*Rosa pisocarpa**	FAC	40
*Populus trichocarpa**	FAC	20

Herbaceous Stratum (0%)	Status	% Cover

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:	North Albany LWI		Number: 1902	Sample Site	THO-1A-116
Applicant:	City of Albany	County:	Benton	Date:	6/23/00
Investigators:	PF/SE	Township:	10S Range: 3W	Section:	31

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

Is this an Atypical Situation? **No**

HYDROLOGY

Depth of Surf. H2O		Inches
Depth to Free H20	>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:** 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
0-16	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 (30%)	Status	% Cover
*Fraxinus latifolia**	FACW	60
*Corylus cornuta**	FACU	40

Shrub Stratum (20%)	Status	% Cover
*Rubus parviflorus**	FAC-	100

Herbaceous Stratum (40%)	Status	% Cover
*Dactylis glomerata**	FACU	25
*Holcus lanatus**	FAC	60
Festuca arundinacea	FAC-	15

Woody Vine Stratum (10%)	Status	% Cover
*Rubus ursinus**	FACU	40
*Rubus discolor**	FACU	60

Percent of dominant species FAC, FACW, or OBL*: 29% **Criteria Met:** No

Comments:

Determination: Upland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	North Albany LWI	Number:	1902	Sample Site	THO-2-117
Applicant:	City of Albany	County:	Benton	Date:	6/15/00
Investigators:	JVS,SE	Township:	10S Range: 3W	Section:	31

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

Is this an Atypical Situation? **No**

HYDROLOGY

			Primary Indicators	Secondary Indicators	
			Inundated	Ox. rhizospheres	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	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
0-10	10YR 3/2	SL	7.5YR 4/6	common/medium/distinct		
10-16	10YR 3/2	SL	10YR 5/6	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 (95%)	Status	% Cover	Herbaceous Stratum (5%)	Status	% Cover
*Populus trichocarpa**	FAC	100	*Agrostis stolonifera**	FAC	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: Ground is mostly bare ground; evidence of ponding

Determination: Wetland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	North Albany LWI	Number:	1902	Sample Site	THO-2-118
Applicant:	City of Albany	County:	Benton	Date:	6/15/00
Investigators:	JVS,SE	Township:	10S Range: 3W	Section:	31

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

SOILS **Mapped Series:** Malabon silty clay loam **Hydric Soil?:** No

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

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

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

Criteria Met: No

VEGETATION

Tree Stratum (0%)	Status	% Cover

Shrub Stratum (0%)	Status	% Cover

Herbaceous Stratum (90%)	Status	% Cover
*Hypochaeris radicata**	FACU	50
Trifolium pratense	FACU	15
Holcus lanatus	FAC	2
Phalaris arundinacea	FACW	10
*Poa pratensis**	FAC	20

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:	North Albany LWI	Number:	1902	Sample Site	THO-2-119
Applicant:	City of Albany	County:	Benton	Date:	6/15/00
Investigators:	JVS,SE	Township:	10S Range: 3W	Section:	31

Do Normal Circumstances exist on this site? **No** 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:** 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
0-4	10YR 3/3					Flecks of 10YR 5/8
4-12	10YR 3/4	CL			Concretions	mixed clay loams
4-12	10YR 7/8	CL				
> 12	10YR 3/2 & 10YR 7/8					mixed clay loams

*SD=Sand, SDL=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 multiflorum	UPL	10
			*Trifolium repens**	FAC	30
			*Taraxacum officinale**	FACU	30
			*Poa pratensis**	FAC	20
			Alopecurus pratensis	FACW	5
Shrub Stratum (0%)	**Status**	**% Cover**			
			Woody Vine Stratum (0%)	**Status**	**% Cover**

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

Comments: Soil in this area is likely fill material.

Determination: Upland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	North Albany LWI		Number: 1902	Sample Site	THO-2-120
Applicant:	City of Albany	County:	Benton	Date:	6/15/00
Investigators:	JVS,SE	Township:	10S Range: 3W	Section:	31

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

SOILS **Mapped Series:** Malabon silty clay loam **Hydric Soil?:** No

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

Depth (Inches)	Matrix Color	Soil Texture*	Redox Concentrations 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
			*Hypochaeris radicata**	FACU	30
			Trifolium pratense	FACU	10
			*Daucus carota**	UPL	40
			*Vicia americana**	FAC	20
Shrub Stratum (0%)	**Status**	**% Cover**			
			Woody Vine Stratum (0%)	**Status**	**% Cover**

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

Comments:

Determination: Upland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	North Albany LWI	Number:	1902	Sample Site	THO-3A-121
Applicant:	City of Albany	County:	Benton	Date:	6/15/00
Investigators:	JVS,SE	Township:	10S Range: 3W	Section:	31

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

Is this an Atypical Situation? **No**

HYDROLOGY

			Primary Indicators		Secondary Indicators	
			Inundated		Ox. rhizospheres	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	yes	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
2-0						organic layer
0-4	10YR 3/2	SL				
4-8	10YR 3/1	SCL				
8-16	10YR 3/2	SCL	10YR 3/6 & 4/6	many/common/distinct		mixed with sand

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

Criteria Met: Yes

VEGETATION

Tree Stratum (15%)	Status	% Cover	Herbaceous Stratum (50%)	Status	% Cover
*Fraxinus latifolia**	FACW	100	*Festuca arundinacea**	FAC-	80
			*Carex obnupta**	OBL	20

Shrub Stratum (35%)	Status	% Cover	Woody Vine Stratum (0%)	Status	% Cover
Rosa nutkana	FAC	15			
*Corylus cornuta**	FACU	60			
*Spiraea douglasii**	FACW	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:	North Albany LWI	Number:	1902	Sample Site	THO-3B-122
Applicant:	City of Albany	County:	Benton	Date:	6/30/00
Investigators:	CR/SE	Township:	10S	Range: 3W	Section: 31

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

Is this an Atypical Situation? **No**

HYDROLOGY

			Primary Indicators	Secondary Indicators
			Inundated	Ox. rhizospheres
			Sat. in Upper 12"	H20-stained leaves
Depth of Surf. H2O		Inches	Water Marks	Local Soil Survey
Depth to Free H20	>12	Inches	Drift Lines	FAC Neutral Test
Depth to Saturation	>12	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
0-12	7.5YR 3/3	SDL/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
			*Galium aparine**	FACU	70
			Agrostis tenuis	FAC	10
			*Cirsium arvense**	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: Intermittent drainage to Thornton Lake

Determination: Upland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	North Albany LWI		Number: 1902	Sample Site	THO-3B-123
Applicant:	City of Albany	County:	Benton	Date:	6/15/00
Investigators:	JVS,SE	Township:	10S Range: 3W	Section:	31

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

Is this an Atypical Situation? **No**

HYDROLOGY

			Primary Indicators	Secondary Indicators
			Inundated	Ox. rhizospheres
			Sat. in Upper 12"	H20-stained leaves
Depth of Surf. H2O		Inches	Water Marks	Local Soil Survey
Depth to Free H20	>16	Inches	Drift Lines	FAC Neutral Test
Depth to Saturation	>16	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
0-16	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
			Holcus lanatus	FAC	15
			*Festuca arundinacea**	FAC-	20
			*Taraxacum officinale**	FACU	35
			*Galium aparine**	FACU	20
			Trifolium repens	FAC	5
Shrub Stratum (0%)	**Status**	**% Cover**			
			Woody Vine Stratum (0%)	**Status**	**% Cover**

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

Comments:

Determination: Upland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	North Albany LWI	Number:	1902	Sample Site	THO-3B-124
Applicant:	City of Albany	County:	Benton	Date:	6/15/00
Investigators:	JVS,SE	Township:	10S Range: 3W	Section:	31

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

Is this an Atypical Situation? **No**

HYDROLOGY

			Primary Indicators		Secondary Indicators	
			Inundated		Ox. rhizospheres	yes
			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		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
0-4	10YR 3/2	SCL	7.5YR 4/6	common/medium/distinct		
4-18	10YR 3/1	CL	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 (30%)	Status	% Cover
*Salix scouleriana**	FAC	100

Herbaceous Stratum (70%)	Status	% Cover
*Scirpus microcarpus**	OBL	30
*Veronica americana**	OBL	30
*Cicuta douglasii**	OBL	20
Holcus lanatus	FAC	10
Solanum dulcamara	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:	North Albany LWI	Number:	1902	Sample Site	THO-3B-125
Applicant:	City of Albany	County:	Benton	Date:	6/15/00
Investigators:	JVS,SE	Township:	10S	Range: 3W	Section: 31

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

Is this an Atypical Situation? **No**

HYDROLOGY

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

SOILS **Mapped Series:** Malabon silty clay loam **Hydric Soil?:** No

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

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

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

Criteria Met: No

VEGETATION

Tree Stratum (50%)	Status	% Cover
*Pseudotsuga menziesii**	FACU	100

Shrub Stratum (0%)	Status	% Cover

Herbaceous Stratum (30%)	Status	% Cover
*Galium aparine**	FACU	25
*Lapsana communis**	UPL	40
Vicia americana	FAC	15
Montia dichotoma	FAC	15

Woody Vine Stratum (20%)	Status	% Cover
*Rubus discolor**	FACU	30
*Hedera helix**	UPL	70

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:	North Albany LWI		Number: 1902	Sample Site	THO-3B-126
Applicant:	City of Albany	County:	Benton	Date:	6/15/00
Investigators:	JVS,SE	Township:	10S Range: 3W	Section:	31

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

Is this an Atypical Situation? **No**

HYDROLOGY

			Primary Indicators		Secondary Indicators
			Inundated		Ox. rhizospheres
			Sat. in Upper 12"	yes	H20-stained leaves
Depth of Surf. H2O		Inches	Water Marks		Local Soil Survey
Depth to Free H20	7	Inches	Drift Lines		FAC Neutral Test
Depth to Saturation	0	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
0-16	10YR 3/2	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 (10%)	Status	% Cover	Herbaceous Stratum (75%)	Status	% Cover
*Populus trichocarpa**	FAC	100	*Veronica americana*	OBL	15
			*Phalaris arundinacea**	FACW	20
			Solanum dulcamara	FAC+	15
			*Polygonum lapathifolium**	FACW	45
Shrub Stratum (15%)	**Status**	**% Cover**			
*Salix sitchensis**	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:	North Albany LWI		Number: 1902	Sample Site	THO-3B-127
Applicant:	City of Albany	County:	Benton	Date:	6/15/00
Investigators:	JVS,SE	Township:	10S Range: 3W	Section:	31

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

Is this an Atypical Situation? **No**

HYDROLOGY

			Primary Indicators	Secondary Indicators
			Inundated	Ox. rhizospheres
			Sat. in Upper 12"	H20-stained leaves
Depth of Surf. H2O		Inches	Water Marks	Local Soil Survey
Depth to Free H20	>17	Inches	Drift Lines	FAC Neutral Test
Depth to Saturation	>17	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
0-17	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 (50%)	Status	% Cover
*Pseudotsuga menziesii**	FACU	60
*Populus trichocarpa**	FAC	20
*Pinus ponderosa**	FACU-	20

Shrub Stratum (25%)	Status	% Cover
*Juglans nigra**	N/I	40
*Populus trichocarpa**	FAC	35
Prunus laurocerasus	N/I	10
Corylus cornuta	FACU	5
Pseudotsuga menziesii	FACU	10

Herbaceous Stratum (25%)	Status	% Cover
*Lapsana communis**	UPL	50
*Polystichum munitum**	FACU	20
Epilobium watsonii	FACW-	10
*Galium aparine**	FACU	20

Woody Vine Stratum (0%)	Status	% Cover

Percent of dominant species FAC, FACW, or OBL*: 29% **Criteria Met:** No

Comments:

Determination: Upland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	North Albany LWI		Number: 1902	Sample Site	THO-3B-128
Applicant:	City of Albany	County:	Benton	Date:	6/15/00
Investigators:	JVS,SE	Township:	10S Range: 3W	Section:	31

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

Is this an Atypical Situation? **No**

HYDROLOGY

			Primary Indicators		Secondary Indicators	
			Inundated		Ox. rhizospheres	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	11	Inches	Sediment Deposits		Other	
			Drainage patterns		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
0-10	2.5Y 3/2	SL	5YR 2/6	common/medium/distinct		
10-16	2.5Y 3/2	L				

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

Criteria Met: Yes

VEGETATION

Tree Stratum (0%)	Status	% Cover	Herbaceous Stratum (90%)	Status	% Cover
			*Eleocharis palustris**	OBL	50
			*Alopecurus geniculatus**	OBL	30
			*Ranunculus repens**	FACW	20
Shrub Stratum (0%)	**Status**	**% Cover**			
			Woody Vine Stratum (10%)	**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:	North Albany LWI	Number:	1902	Sample Site	THO-3B-129
Applicant:	City of Albany	County:	Benton	Date:	6/15/00
Investigators:	JVS,SE	Township:	10S Range: 3W	Section:	31

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

Is this an Atypical Situation? **No**

HYDROLOGY

			Primary Indicators	Secondary Indicators
			Inundated	Ox. rhizospheres
			Sat. in Upper 12"	H20-stained leaves
Depth of Surf. H2O		Inches	Water Marks	Local Soil Survey
Depth to Free H20	>15	Inches	Drift Lines	FAC Neutral Test
Depth to Saturation	>15	Inches	Sediment Deposits	Other
			Drainage patterns	Criteria Met: No

SOILS **Mapped Series:** 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
0-15	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
*Hypochaeris radicata**	FACU	20
*Holcus lanatus**	FAC	30
Convolvulus arvensis	UPL	10
Galium aparine	FACU	10
*Agrostis tenuis**	FAC	30

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:	North Albany LWI	Number:	1902	Sample Site	THO-3B-130
Applicant:	City of Albany	County:	Benton	Date:	6/23/00
Investigators:	PF/SE	Township:	10S	Range: 3W	Section: 31

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

Is this an Atypical Situation? **No**

HYDROLOGY

			Primary Indicators	Secondary Indicators
			Inundated	Ox. rhizospheres
			Sat. in Upper 12"	H20-stained leaves
Depth of Surf. H2O		Inches	Water Marks	Local Soil Survey
Depth to Free H20	>14	Inches	Drift Lines	FAC Neutral Test
Depth to Saturation	>14	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
0-14	10YR 3/2	SL				many stones and cobbles up to 4"

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

Criteria Met: No

VEGETATION

Tree Stratum (0%)	Status	% Cover

Shrub Stratum (20%)	Status	% Cover
*Salix lasiandra**	FACW+	100

Herbaceous Stratum (65%)	Status	% Cover
*Phalaris arundinacea**	FACW	30
Taraxacum officinale	FACU	15
*Cirsium arvense**	FACU+	40
Daucus carota	UPL	10

Woody Vine Stratum (15%)	Status	% Cover
*Rubus discolor**	FACU	100

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

Comments:

Determination: Upland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	North Albany LWI	Number:	1902	Sample Site	THO-3B-131
Applicant:	City of Albany	County:	Benton	Date:	6/23/00
Investigators:	PF/SE	Township:	10S	Range: 3W	Section: 31

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

Is this an Atypical Situation? **No**

HYDROLOGY

			Primary Indicators		Secondary Indicators
			Inundated		Ox. rhizospheres
			Sat. in Upper 12"	yes	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	0	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
0-6	10YR 3/2	S				high organic content
6+	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 (15%)	Status	% Cover
*Spiraea douglasii**	FACW	40
*Salix lasiandra**	FACW+	60

Herbaceous Stratum (85%)	Status	% Cover
*Sparganium emersum**	OBL	20
*Myosotis discolor**	FACW	20
Veronica americana	OBL	10
*Myriophyllum brasiliense**	OBL	20
Juncus effusus	FACW	5
Cicuta douglasii	OBL	5
*Callitriche sp.**	OBL	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:	North Albany LWI	Number:	1902	Sample Site	THO-4B-132
Applicant:	City of Albany	County:	Benton	Date:	6/30/00
Investigators:	CR/SE	Township:	11S Range: 4W	Section:	1

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

Is this an Atypical Situation? **No**

HYDROLOGY

			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	10	Inches	Sediment Deposits		Other _____	
			Drainage patterns		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	2.5Y 3/1	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: Yes

VEGETATION

Tree Stratum (0%)	Status	% Cover	Herbaceous Stratum (80%)	Status	% Cover
			*Phalaris arundinacea**	FACW	100
Shrub Stratum (20%)	**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:	North Albany LWI		Number: 1902	Sample Site	THO-4B-133
Applicant:	City of Albany	County:	Benton	Date:	6/30/00
Investigators:	CR/SE	Township:	11S Range: 4W	Section:	1

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

Is this an Atypical Situation? **No**

HYDROLOGY

			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
0-14	2.5Y 3/2	SDL				

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

Criteria Met: No

VEGETATION

Tree Stratum (0%)	Status	% Cover

Shrub Stratum (0%)	Status	% Cover

Herbaceous Stratum (90%)	Status	% Cover
*Holcus lanatus**	FAC	40
Alopecurus pratensis	FACW	10
Vicia americana	FAC	10
*Taraxacum officinale**	FACU	30

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:	North Albany LWI	Number:	1902	Sample Site	THO-4B-134
Applicant:	City of Albany	County:	Benton	Date:	6/30/00
Investigators:	CR/SE	Township:	11S Range: 4W	Section:	1

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

Is this an Atypical Situation? **No**

HYDROLOGY

			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
0-8	10YR 3/3	SL				
8-12	10YR 3/2	SL	7.5YR 3/4	many/medium/prominent		

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

Criteria Met: Yes

VEGETATION

Tree Stratum (0%)	Status	% Cover	Herbaceous Stratum (100%)	Status	% Cover
			Verbascum blattaria	UPL	10
			Plantago major	FACU+	10
			*Hypochaeris radicata**	FACU	20
			*Agrostis tenuis**	FAC	20
			Trifolium repens	FAC	10
			Lolium multiflorum	UPL	10
Shrub Stratum (0%)	**Status**	**% Cover**	*Chrysanthemum leucanthemum**	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:	**North Albany LWI**	Number:	**1902**	Sample Site	**THO-4C-135**
Applicant:	**City of Albany**	County:	**Benton**	Date:	**7/7/00**
Investigators:	**CR/PF**	Township:	**11S** Range: **4W**	Section:	**1**

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

Is this an Atypical Situation? **No**

HYDROLOGY

			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:** Dupee silt loam **Hydric Soil?:** No

Classification: Aquultic Haploxeralfs **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	Herbaceous Stratum (100%)	Status	% Cover
			*Festuca arundinacea**	FAC-	70
			*Agrostis tenuis**	FAC	20
			Poa annua	FAC	10
Shrub Stratum (0%)	**Status**	**% Cover**			
			Woody Vine Stratum (0%)	**Status**	**% Cover**

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

Comments:

Determination: Upland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	North Albany LWI		Number: 1902	Sample Site	THO-4C-136
Applicant:	City of Albany	County:	Benton	Date:	7/7/00
Investigators:	CR/PF	Township:	11S Range: 4W	Section:	2

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

Is this an Atypical Situation? **No**

HYDROLOGY

			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	3	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
0-1	10YR 3/3	S				
1-16	2.5Y 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 (40%)	Status	% Cover	Herbaceous Stratum (60%)	Status	% Cover
Fraxinus latifolia	FACW	100	*Juncus patens*	FACW	10
			*Agrostis stolonifera**	FAC	40
			Phalaris arundinacea	FACW	10
			Lysimachia sp.	FACW	5
			*Festuca rubra**	FAC+	30
			Myriophyllum brasiliense	OBL	5
Shrub Stratum (0%)	**Status**	**% Cover**			
			Woody Vine Stratum (0%)	**Status**	**% Cover**

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

Comments:

Determination: Wetland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	North Albany LWI	Number:	1902	Sample Site	THO-4C-137
Applicant:	City of Albany	County:	Benton	Date:	7/7/00
Investigators:	CR/PF	Township:	11S	Range: 4W	Section: 2

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

Is this an Atypical Situation? **No**

HYDROLOGY

			Primary Indicators		Secondary Indicators
			Inundated	yes	Ox. rhizospheres
			Sat. in Upper 12"	yes	H20-stained leaves
Depth of Surf. H2O	1	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:** 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
0-16	10YR 3/2	S	7.5YR 3/4	many/coarse/prominent		

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

Criteria Met: Yes

VEGETATION

Tree Stratum (0%)	Status	% Cover	Herbaceous Stratum (100%)	Status	% Cover
			*Agrostis tenuis**	FAC	30
			*Phalaris arundinacea**	FACW	20
			Alisma plantago-aquatica	OBL	5
			Veronica americana	OBL	5
			Lemna sp.	OBL	10
			*Agrostis stolonifera**	FAC	20
Shrub Stratum (0%)	**Status**	**% Cover**	*Carex stipata*	#N/A	5
			Woody Vine Stratum (0%)	**Status**	**% Cover**
#N/A #N/A #N/A	#N/A	#N/A	#N/A #N/A	#N/A	#N/A

Percent of dominant species FAC, FACW, or OBL*: #N/A #N/A **Criteria Met:** #N/A

Comments:

Determination: #N/A

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	North Albany LWI	Number:	1902	Sample Site	THO-4C-138
Applicant:	City of Albany	County:	Benton	Date:	7/7/00
Investigators:	CR/PF	Township:	11S Range: 4W	Section:	2

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

Is this an Atypical Situation? **No**

HYDROLOGY

			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:** 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
0-12	10YR 3/3	SDL	7.5YR 4/6	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: No

VEGETATION

Tree Stratum (10%)	Status	% Cover
*Acer macrophyllum**	FACU	100

Shrub Stratum (10%)	Status	% Cover
*Amelanchier alnifolia**	FACU	100

Herbaceous Stratum (80%)	Status	% Cover
*Agrostis tenuis**	FAC	40
Prunella vulgaris	FACU+	10
*Festuca arundinacea**	FAC-	30
Carex deweyana	FACU	5
Hypericum perforatum	UPL	5
Taraxacum officinale	FACU	5
Lactuca serriola	FACU	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:	North Albany LWI		Number: 1902	Sample Site	THO-4D-139
Applicant:	City of Albany	County:	Benton	Date:	7/7/00
Investigators:	CR/PF	Township:	11S Range: 4W	Section:	2

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

Is this an Atypical Situation? **No**

HYDROLOGY

			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:** Dupee silt loam **Hydric Soil?:** No

Classification: Aquultic Haploxeralfs **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 (5%)	Status	% Cover	Herbaceous Stratum (95%)	Status	% Cover
*Quercus garryana**	UPL	100	*Festuca arundinacea**	FAC-	60
			*Alopecurus pratensis**	FACW	20
			Agrostis tenuis	FAC	10
			Poa annua	FAC	10
Shrub Stratum (0%)	**Status**	**% Cover**			
			Woody Vine Stratum (0%)	**Status**	**% Cover**

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

Comments:

Determination: Upland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	North Albany LWI	Number:	1902	Sample Site	THO-4D-140
Applicant:	City of Albany	County:	Benton	Date:	7/7/00
Investigators:	CR/PF	Township:	11S Range: 4W	Section:	2

Do Normal Circumstances exist on this site? **No** 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	
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:** 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	5YR 4/6	common/medium/prominent		

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

Criteria Met: Yes

VEGETATION

Tree Stratum (10%)	Status	% Cover	Herbaceous Stratum (90%)	Status	% Cover
*Fraxinus latifolia**	FACW	100	*Agrostis stolonifera**	FAC	50
			*Juncus patens**	FACW	20
			*Alopecurus pratensis**	FACW	20
			Festuca arundinacea	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: heavily grazed sheep pasture

Determination: Wetland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	North Albany LWI		Number: 1902	Sample Site	THO-4E-141
Applicant:	City of Albany	County:	Benton	Date:	7/7/00
Investigators:	CR/PF	Township:	11S Range: 4W	Section:	2

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

Is this an Atypical Situation? **No**

HYDROLOGY

			Primary Indicators		Secondary Indicators
			Inundated		Ox. rhizospheres
			Sat. in Upper 12"	yes	H20-stained leaves
Depth of Surf. H2O		Inches	Water Marks		Local Soil Survey
Depth to Free H20	>16	Inches	Drift Lines		FAC Neutral Test
Depth to Saturation	0	Inches	Sediment Deposits	yes	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
0-2	10YR 3/2	SCL				
2-16	2.5 N 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 (0%)	Status	% Cover

Shrub Stratum (0%)	Status	% Cover

Herbaceous Stratum (100%)	Status	% Cover
*Myosotis discolor**	FACW	40
*Eleocharis acicularis**	OBL	25
Veronica americana	OBL	5
Agrostis stolonifera	FAC	10
Oenanthe sarmentosa	OBL	5
Lysimachia nummularia	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:	**North Albany LWI**	Number:	**1902**	Sample Site	**THO-4E-142**
Applicant:	**City of Albany**	County:	**Benton**	Date:	**7/7/00**
Investigators:	**CR/PF**	Township:	**11S** Range: **4W**	Section:	**2**

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

Is this an Atypical Situation? **No**

HYDROLOGY

			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:** 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 3/2	SL				

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

Criteria Met: No

VEGETATION

Tree Stratum (30%)	Status	% Cover
*Pseudotsuga menziesii**	FACU	80
*Quercus garryana**	UPL	20

Shrub Stratum (0%)	Status	% Cover

Herbaceous Stratum (70%)	Status	% Cover
*Lapsana communis**	UPL	30
*Taraxacum officinale**	FACU	20
*Hypochaeris radicata**	FACU	20
Galium aparine	FACU	10
Festuca arundinacea	FAC-	10
Prunella vulgaris	FACU+	5
Vicia americana	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:	North Albany LWI		Number: 1902	Sample Site	THO-5-143
Applicant:	City of Albany	County:	Benton	Date:	7/13/00
Investigators:	CR/SE	Township:	11S Range: 4W	Section:	2

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

Is this an Atypical Situation? **No**

HYDROLOGY

			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	
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:** 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 3/3	common/medium/distinct		

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

Criteria Met: Yes

VEGETATION

Tree Stratum (0%)	Status	% Cover	Herbaceous Stratum (100%)	Status	% Cover
			*Phalaris arundinacea**	FACW	50
			Holcus lanatus	FAC	10
			Agrostis stolonifera	FAC	10
			*Scirpus microcarpus**	OBL	20
			Alopecurus pratensis	FACW	10
Shrub Stratum (0%)	**Status**	**% Cover**			
			Woody Vine Stratum (0%)	**Status**	**% Cover**

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

Comments:

Determination: Wetland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	North Albany LWI	Number:	1902	Sample Site	THO-5-144
Applicant:	City of Albany	County:	Benton	Date:	7/13/00
Investigators:	CR/SE	Township:	11S Range: 4W	Section:	2

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

Is this an Atypical Situation? **No**

HYDROLOGY

			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	SL				

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

Criteria Met: No

VEGETATION

Tree Stratum (20%)	Status	% Cover	Herbaceous Stratum (80%)	Status	% Cover
*Pseudotsuga menziesii**	FACU	100	*Taraxacum officinale*	FACU	10
			Centaurium umbellatum	FAC	5
			Festuca arundinacea	FAC-	15
			Plantago lanceolata	FAC	10
			Holcus lanatus	FAC	10
			Dactylis glomerata	FACU	10
Shrub Stratum (0%)	**Status**	**% Cover**	*Agrostis tenuis**	FAC	20
			Poa trivialis	FACW	15
			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:	North Albany LWI	Number:	1902	Sample Site	THO-6-145
Applicant:	City of Albany	County:	Benton	Date:	7/7/00
Investigators:	CR/PF	Township:	11S Range: 4W	Section:	2

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

Is this an Atypical Situation? **No**

HYDROLOGY

			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: 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
0-12	10YR 3/2	SL	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
			*Rumex crispus**	FAC+	20
			Festuca arundinacea	FAC-	10
			*Agrostis tenuis**	FAC	20
			*Eryngium petiolatum**	OBL	20
			Mentha pulegium	OBL	10
			*Downingia elegans**	OBL	20
Shrub Stratum (0%)	**Status**	**% Cover**			
			Woody Vine Stratum (0%)	**Status**	**% Cover**

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

Comments:

Determination: Wetland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	North Albany LWI	Number:	1902	Sample Site	THO-6-146
Applicant:	City of Albany	County:	Benton	Date:	7/7/00
Investigators:	CR/PF	Township:	11S Range: 4W	Section:	2

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

Is this an Atypical Situation? **No**

HYDROLOGY

			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
0-14	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
*Agrostis tenuis**	FAC	30
Parentucellia viscosa	FAC-	15
Prunella vulgaris	FACU+	5
Chrysanthemum leucanthemum	UPL	10
Holcus lanatus	FAC	5
*Festuca arundinacea**	FAC-	20
Daucus carota	UPL	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:	North Albany LWI	Number:	1902	Sample Site	HRS-6-147
Applicant:	City of Albany	County:	Benton	Date:	4/20/00
Investigators:	PF, BC	Township:	10S Range: 4W	Section:	26

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 (0%)	Status	% Cover	Herbaceous Stratum (100%)	Status	% Cover
			*Lolium multiflorum**	UPL	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:

Small intermittent drainage from Christmas tree farm

Determination: Upland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	North Albany LWI	Number:	1902	Sample Site	HRS-6-148
Applicant:	City of Albany	County:	Benton	Date:	4/20/00
Investigators:	PF,BC	Township:	10S Range: 4W	Section:	26

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:** Veneta loam **Hydric Soil?:** No

Classification: Ultic Haploxeralfs **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		faint mottles		

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

Criteria Met: No

VEGETATION

Tree Stratum (15%)	Status	% Cover
*Picea sp**	FACU-UPL	20
*Abies sp**	FACU-UPL	55
*Salix sitchensis**	FACW	25

Shrub Stratum (5%)	Status	% Cover
*Abies sp.**	FACU-UPL	40
*Crataegus monogyna**	FACU+	60

Herbaceous Stratum (80%)	Status	% Cover
Cirsium arvense	FACU+	10
*Dactylis glomerata**	FACU	20
Daucus carota	UPL	10
Festuca arundinacea	FAC-	10
*Agrostis tenuis**	FAC	20
*Holcus lanatus**	FAC	30

Woody Vine Stratum (0%)	Status	% Cover

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

Comments:

Determination: Upland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	North Albany LWI	Number:	1902	Sample Site	THO-3Cb-149
Applicant:	City of Albany	County:	Benton	Date:	6/15/00
Investigators:	JVS,SE	Township:	10S	Range: 3W	Section: 31

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

Is this an Atypical Situation? **No**

HYDROLOGY

			Primary Indicators	Secondary Indicators
			Inundated	Ox. rhizospheres
			Sat. in Upper 12"	H20-stained leaves
Depth of Surf. H2O		Inches	Water Marks	Local Soil Survey
Depth to Free H20	>14	Inches	Drift Lines	FAC Neutral Test
Depth to Saturation	>14	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
0-14	10YR 3/3					refusal at 14" due to stones

*SD=Sand, SDL=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
			*Taraxacum officinale**	FACU	30
			*Dactylis glomerata**	FACU	20
			*Anthoxanthum odoratum**	FACU	20
			Holcus lanatus	FAC	10
			Agrostis tenuis	FAC	10
Shrub Stratum (0%)	**Status**	**% Cover**			
			Woody Vine Stratum (0%)	**Status**	**% Cover**

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

Comments:

Determination: Upland

Wetland Determination Data Form
Routine Onsite Method

Pacific Habitat Services, Inc.

Project:	North Albany LWI		Number: 1902	Sample Site	THO-3Cb-150
Applicant:	City of Albany	County:	Benton	Date:	6/15/00
Investigators:	JVS,SE	Township:	10S Range: 3W	Section:	31

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

Is this an Atypical Situation? **No**

HYDROLOGY

			Primary Indicators	Secondary Indicators	
			Inundated	Ox. rhizospheres	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:** 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
0-16	10YR 3/2	SL	5YR 3/6	common/medium/distinct		stoney

*SD=Sand, SDL=Sandy Loam, L=Loam, 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
			*Agrostis tenuis**	FAC	45
			*Alopecurus pratensis**	FACW	30
			*Anthoxanthum odoratum**	FACU	25
Shrub Stratum (20%)	**Status**	**% Cover**			
*Fraxinus latifolia**	FACW	100			
			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:	North Albany LWI	Number:	1902	Sample Site	THO-3Ca-151
Applicant:	City of Albany	County:	Benton	Date:	6/15/00
Investigators:	JVS,SE	Township:	10S Range: 3W	Section:	31

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

Is this an Atypical Situation? **No**

HYDROLOGY

Depth of Surf. H2O		**Inches**
Depth to Free H20	>17	**Inches**
Depth to Saturation	>17	**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:** 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
0-3	10YR 3/2	SL				
3-17	10YR 4/1	SCL				mixed SCL's
3-17	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: **Yes**

VEGETATION

Tree Stratum (30%)	Status	% Cover
*Salix scouleriana**	FAC	50
*Alnus rubra**	FAC	30
*Populus trichocarpa**	FAC	20

Shrub Stratum (0%)	Status	% Cover

Herbaceous Stratum (70%)	Status	% Cover
Festuca arundinacea	FAC-	10
*Carex rostrata**	OBL	50
Holcus lanatus	FAC	10
*Anthoxanthum odoratum**	FACU	25

Woody Vine Stratum (0%)	Status	% Cover

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

Comments:

Determination: **Wetland**

Appendix C

OFWAM Data and Summary Sheets



Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	North Albany LWI	**Wetland:**	**LUC-1**
Project Location:	Benton County	**Wetland Type(s):**	PEM
Date(s) of field work:	7/20/00	**Approx. Area (acres):**	0.25
Onsite Assessment?:	Yes	**Investigator(s):**	CR, PF
Wetland Location:	North of Valley View, Summerhill Estates area		

Function and Condition Assessment 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	**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	**C**	Q-3	**C**
Q-4	**C**	Q-4		Q-4	**B**	Q-4	**C**	Q-4	**A**
Q-5	**A**	Q-5		Q-5	**A**	Q-5	**C**	Q-5	**A**
Q-6	**A**	Q-6		Q-6	**C**	Q-6	**B**	Q-6	**C**
Q-7	**A**					Q-7	**A**		
Q-8	**C**								
Q-9A									
Q-9B	**B**								

Results:

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

Function and Condition Assessment Answers:

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

Results:

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

Oregon Freshwater Wetland Assessment Methodology
Functions and Conditions Summary Sheet

Project:	North Albany LWI	**Wetland:**	**LUC-1**
Location:	Benton County	**Approx. Area (acres):**	0.25
Date:	7/20/00	**Wetland Types(s):**	PEM

Result:	**Wetland provides habitat for some wildlife species**	
Rationale:	One Cowardin class with > 5 species	No adjacent Water Quality limited streams
	Herbaceous vegetation, no ponding	Adjacent land is mostly developed
	Less than 0.5 acres of open water	Wetland buffer is between 10% and 40%
Result:	**Fish habitat was not assessed for this wetland**	
Rationale:		
Result:	**Wetland's water-quality function is impacted or degraded**	
Rationale:	Primary water source is groundwater	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 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 less than 0.5 acres
	Primary water source is groundwater	Wetland buffer is between 10% and 40%
	Water flow is permanently restricted	Potentially sensitive to future impacts
Result:	**Wetland has potential for educational use**	
Rationale:	Wetland 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:	One Cowardin class is visible	Wetland surrounded by landscaped areas
	>50% of wetland can be seen	Natural odors present at wetland
	Visual detractors present, can't be removed	Some traffic and natural noises are present

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	North Albany LWI	**Wetland:**	**LUC-2**
Project Location:	Benton County	**Wetland Type(s):**	PEM, PSS

Date(s) of field work:	7/20/00	**Approx. Area (acres):**	0.23
Onsite Assessment?:	Yes	**Investigator(s):**	CR, SE
Wetland Location:	At corner of Valley View and Scenic Drive		

Function and Condition Assessment Answers:

Wildlife Habitat		Fish Habitat		Water Quality		Hydrologic Control		Sensitivity to Impact	
Q	A	Q	A	Q	A	Q	A	Q	A
Q-1	A	Q-1	C	Q-1	C	Q-1	B	Q-1	B
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	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	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	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	C	Q-1	C	Q-1	A
Q-2	B	Q-2	B	Q-2	C	Q-2	A
Q-3		Q-3	B	Q-3	C	Q-3	A
Q-4	C	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:	North Albany LWI	**Wetland:**	**LUC-2**
Location:	Benton County	**Approx. Area (acres):**	0.23
Date:	7/20/00	**Wetland Types(s):**	PEM, PSS

Result:	**Wetland provides habitat for some wildlife species**	
Rationale:	More than one Cowardin class	No adjacent Water Quality limited streams
	Herbaceous vegetation, no ponding	Adjacent land use is primarily agriculture
	Less than 0.5 acres of open water	Wetland buffer is 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
	10-25% of stream has instream structures	Warmwater fish present in stream
Result:	**Wetland's water-quality function is impacted or degraded**	
Rationale:	Primary water source is groundwater	Surface water connection to other wetlands
	Wetland floods/ponds in growing season	Adjacent land use is primarily agriculture
	High wetland vegetation cover	No adjacent Water Quality Limited streams
Result:	**Wetland's hydrologic control is impacted or degraded**	
Rationale:	Wetland is not within 100 year floodplain	Herbaceous vegetation, no ponding
	Wetland floods/ponds in growing season	Agriculture downslope of wetland
	Water has unrestricted flow out of wetland	Development upslope of wetland
Result:	**Wetland is potentially sensitive to future impacts**	
Rationale:	Stream not modified	Adjacent land use is primarily agriculture
	Water not taken out	Adjacent zoning is primarily development
	No adjacent Water Quality Limited streams	Herbaceous vegetation, no ponding
Result:	**Wetland has high enhancement potential**	
Rationale:	Wetland functions are impacted or degraded	Wetland is less than 0.5 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
	1 or 2 visible safety hazards	Wetland is not limited mobility accessible
	Other habitats can be observed not accessed	
Result:	**Wetland is not appropriate or does not provide rec. opportunities**	
Rationale:	No access point to wetland exists	Wetland provides habitat for some wildlife
	No boat launching can be developed	No fishing is allowed
	No trails or viewing areas exist	No hunting is allowed
Result:	**Wetland is considered to be pleasing**	
Rationale:	More than two Cowardin classes are visible	Wetland surrounded by landscaped areas
	>50% of wetland can be seen	Natural odors present at wetland
	No visual detractors are present	Some traffic and natural noises are present

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	North Albany LWI	**Wetland:**	**BOW-1**
Project Location:	Benton County	**Wetland Type(s):**	PEM, PEMf
Date(s) of field work:	5/5/00, 6/2/00	**Approx. Area (acres):**	7.85
Onsite Assessment?:	Yes	**Investigator(s):**	CR, PF
Wetland Location:	East of Scenic Drive, south of 24th, north of Gibson Hill		

Function and Condition Assessment Answers:

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

Results:

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

Function and Condition Assessment Answers:

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

Results:

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

Oregon Freshwater Wetland Assessment Methodology
Functions and Conditions Summary Sheet

Project:	North Albany LWI	**Wetland:**	**BOW-1**
Location:	Benton County	**Approx. Area (acres):**	7.85
Date:	5/5/00, 6/2/00	**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 is mostly developed
	Less than 0.5 acres of open water	Wetland buffer is between 10% and 40%
Result:	**Fish habitat was not assessed for this wetland**	
Rationale:		
Result:	**Wetland's water-quality function is impacted or degraded**	
Rationale:	Primary water source is groundwater	Wetland is 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 is impacted or degraded**	
Rationale:	Wetland is not within 100 year floodplain	Herbaceous vegetation, no ponding
	Wetland floods/ponds in growing season	Agriculture downslope of wetland
	Water has unrestricted flow out of wetland	Development upslope of wetland
Result:	**Wetland is potentially sensitive to future impacts**	
Rationale:	Stream not modified	Adjacent land is mostly developed
	Water not taken out	Adjacent zoning is primarily development
	No adjacent Water Quality Limited streams	Herbaceous vegetation, no ponding
Result:	**Wetland has 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 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 landscaped areas
	>50% of wetland can be seen	Natural odors present at wetland
	No visual detractors are present	Some traffic and natural noises are present

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	North Albany LWI	**Wetland:**	**BOW-2f**
Project Location:	Benton County	**Wetland Type(s):**	PEMf
Date(s) of field work:	6/2/00	**Approx. Area (acres):**	3.50
Onsite Assessment?:	Yes	**Investigator(s):**	PF, SE
Wetland Location:	East of Scenic Drive, south of Gibson Hill		

Function and Condition Assessment Answers:

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

Results:

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

Oregon Freshwater Wetland Assessment Methodology
Functions and Conditions Summary Sheet

Project:	North Albany LWI	**Wetland:**	**BOW-2f**
Location:	Benton County	**Approx. Area (acres):**	3.50
Date:	6/2/00	**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 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	Herbaceous vegetation, no ponding
	Wetland floods/ponds in growing season	Agriculture downslope of wetland
	Water has unrestricted flow out of wetland	Development upslope of wetland
Result:	**Wetland is potentially sensitive to future impacts**	
Rationale:	Stream not modified	Adjacent land use is primarily agriculture
	Water not taken out	Adjacent zoning is primarily development
	No adjacent Water Quality Limited streams	Herbaceous vegetation, no ponding
Result:	**Wetland has high enhancement potential**	
Rationale:	Wetland functions are impacted or degraded	Wetland is 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
	1 or 2 visible safety hazards	Wetland is not limited mobility accessible
	Other habitats can be observed not accessed	
Result:	**Wetland is not appropriate or does not provide rec. opportunities**	
Rationale:	No access point to wetland exists	Wetland provides habitat for some wildlife
	No boat launching can be developed	No fishing is allowed
	No trails or viewing areas exist	No hunting is allowed
Result:	**Wetland is considered to be moderately pleasing**	
Rationale:	One Cowardin class is visible	Wetland surrounded by landscaped areas
	25 - 50% of wetland can be seen	Natural odors present at wetland
	No visual detractors are present	Some traffic and natural noises are present

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	North Albany LWI	**Wetland:**	**BOW-3f**
Project Location:	Benton County	**Wetland Type(s):**	PEMf
Date(s) of field work:	6/2/00	**Approx. Area (acres):**	0.03
Onsite Assessment?:	Yes	**Investigator(s):**	PF, SE
Wetland Location:	East of Scenic Drive, south of Gibson Hill		

Function and Condition Assessment Answers:

Wildlife Habitat		Fish Habitat		Water Quality		Hydrologic Control		Sensitivity to Impact	
Q	A	Q	A	Q	A	Q	A	Q	A
Q-1	C	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	C	Q-3		Q-3	A	Q-3	C	Q-3	C
Q-4	C	Q-4		Q-4	C	Q-4	C	Q-4	B
Q-5	B	Q-5		Q-5	B	Q-5	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	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	B	Q-2	A	Q-2	C	Q-2	A
Q-3		Q-3	B	Q-3	C	Q-3	C
Q-4	C	Q-4	C	Q-4	B	Q-4	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:	North Albany LWI	**Wetland:**	**BOW-3f**
Location:	Benton County	**Approx. Area (acres):**	0.03
Date:	6/2/00	**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 groundwater	Isolated from other wetlands
	Can't determine if wetland floods or ponds	Adjacent land use is primarily agriculture
	High wetland vegetation cover	No adjacent Water Quality Limited streams
Result:	**Wetland's hydrologic control is impacted or degraded**	
Rationale:	Wetland is not within 100 year floodplain	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 high enhancement potential**	
Rationale:	Wetland functions are impacted or degraded	Wetland is less than 0.5 acres
	Primary water source is groundwater	Wetland buffer is between 10% and 40%
	Water flow is permanently restricted	Potentially sensitive to future impacts
Result:	**Wetland site is not appropriate for educational use**	
Rationale:	No access allowed to wetland	No access point to wetland exists
	No visible hazards to public	Wetland is not limited mobility accessible
	No access or observation of other habitats	
Result:	**Wetland is not appropriate or does not provide rec. opportunities**	
Rationale:	No access point to wetland exists	Wetland provides habitat for some wildlife
	No boat launching can be developed	No fishing is allowed
	No trails or viewing areas exist	No hunting is allowed
Result:	**Wetland is not aesthetically pleasing**	
Rationale:	One Cowardin class is visible	Wetland surrounded by landscaped areas
	>50% of wetland can be seen	Natural odors present at wetland
	Visual detractors present, can't be removed	Some traffic and natural noises are present

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	North Albany LWI	**Wetland:**	**BOW-4f**
Project Location:	Benton County	**Wetland Type(s):**	PEMf
Date(s) of field work:	7/7/00	**Approx. Area (acres):**	0.39
Onsite Assessment?:	Yes	**Investigator(s):**	PF, CR
Wetland Location:	South of Gibson Hill, east of Scenic 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	C	Q-1	B	Q-1	A
Q-2	C	Q-2		Q-2	B	Q-2	B	Q-2	B
Q-3	C	Q-3		Q-3	C	Q-3	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 lost or not present
Hydrologic Control	Wetland's hydrologic control is impacted or degraded
Sensitivity to Impact	Wetland is potentially sensitive to future impacts

Function and Condition Assessment Answers:

Enhancement Potential		Education		Recreation		Aesthetic Quality	
Q	A	Q	A	Q	A	Q	A
Q-1	A	Q-1	C	Q-1	C	Q-1	C
Q-2	B	Q-2	B	Q-2	C	Q-2	A
Q-3		Q-3	B	Q-3	C	Q-3	C
Q-4	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 not aesthetically pleasing

Oregon Freshwater Wetland Assessment Methodology
Functions and Conditions Summary Sheet

Project:	North Albany LWI	**Wetland:**	**BOW-4f**
Location:	Benton County	**Approx. Area (acres):**	0.39
Date:	7/7/00	**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 lost or not present**	
Rationale:	Primary water source is groundwater	Isolated from other wetlands
	Can't determine if wetland floods or ponds	Adjacent land is mostly developed
	Low vegetation cover	No adjacent Water Quality Limited streams
Result:	**Wetland's hydrologic control is impacted or degraded**	
Rationale:	Wetland is not within 100 year floodplain	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 less than 0.5 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
	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

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	North Albany LWI	**Wetland:**	**BOW-5f**
Project Location:	Benton County	**Wetland Type(s):**	PEMf

Date(s) of field work:	7/7/00	**Approx. Area (acres):**	0.27
Onsite Assessment?:	Yes	**Investigator(s):**	PF, CR
Wetland Location:	South of Gibson Hill Road, east of Scenic 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	C	Q-1	B	Q-1	A
Q-2	C	Q-2		Q-2	A	Q-2	A	Q-2	B
Q-3	C	Q-3		Q-3	C	Q-3	C	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	B	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 not aesthetically pleasing

Oregon Freshwater Wetland Assessment Methodology
Functions and Conditions Summary Sheet

Project:	North Albany LWI	**Wetland:**	**BOW-5f**
Location:	Benton County	**Approx. Area (acres):**	0.27
Date:	7/7/00	**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	Surface water connection to other wetlands
	Wetland floods/ponds in growing season	Adjacent land is mostly developed
	Low vegetation cover	No adjacent Water Quality Limited streams
Result:	**Wetland's hydrologic control is impacted or degraded**	
Rationale:	Wetland is not within 100 year floodplain	Herbaceous vegetation, no ponding
	Wetland floods/ponds in growing season	Development downslope of wetland
	Water has unrestricted flow out of wetland	Development upslope of wetland
Result:	**Wetland is potentially sensitive to future impacts**	
Rationale:	Stream 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 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
	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

Oregon Freshwater Wetland Assessment Methodology

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Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	North Albany LWI	**Wetland:**	**BOW-6Af**
Project Location:	Benton County	**Wetland Type(s):**	PEMf
Date(s) of field work:	7/7/00	**Approx. Area (acres):**	0.18
Onsite Assessment?:	Yes	**Investigator(s):**	PF, CR
Wetland Location:	South of Gibson Hill Road, east of Scenic 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	C	Q-1	B	Q-1	A
Q-2	C	Q-2		Q-2	A	Q-2	A	Q-2	B
Q-3	C	Q-3		Q-3	C	Q-3	C	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	B	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 not aesthetically pleasing

Oregon Freshwater Wetland Assessment Methodology
Functions and Conditions Summary Sheet

Project:	North Albany LWI	**Wetland:**	**BOW-6Af**
Location:	Benton County	**Approx. Area (acres):**	0.18
Date:	7/7/00	**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	Surface water connection to other wetlands
	Wetland floods/ponds in growing season	Adjacent land is mostly developed
	Low vegetation cover	No adjacent Water Quality Limited streams
Result:	**Wetland's hydrologic control is impacted or degraded**	
Rationale:	Wetland is not within 100 year floodplain	Herbaceous vegetation, no ponding
	Wetland floods/ponds in growing season	Development downslope of wetland
	Water has unrestricted flow out of wetland	Development upslope of wetland
Result:	**Wetland is potentially sensitive to future impacts**	
Rationale:	Stream 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 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
	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

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	North Albany LWI	**Wetland:**	**BOW-6B**
Project Location:	Benton County	**Wetland Type(s):**	PEM, PSS

Date(s) of field work:	7/7/00	**Approx. Area (acres):**	0.62
Onsite Assessment?:	Yes (partial)	**Investigator(s):**	PF, SE
Wetland Location:	East of Scenic Drive, south of Gibson Hill, north of Wildwood 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		Q-1	C	Q-1	B	Q-1	A
Q-2	C	Q-2		Q-2	A	Q-2	A	Q-2	B
Q-3	B	Q-3		Q-3	A	Q-3	B	Q-3	C
Q-4	C	Q-4		Q-4	B	Q-4	A	Q-4	B
Q-5	B	Q-5		Q-5	B	Q-5	C	Q-5	A
Q-6	A	Q-6		Q-6	C	Q-6	B	Q-6	C
Q-7	A					Q-7	A		
Q-8	B								
Q-9A									
Q-9B	A								

Results:

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

Function and Condition Assessment Answers:

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

Results:

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

Oregon Freshwater Wetland Assessment Methodology
Functions and Conditions Summary Sheet

Project:	North Albany LWI	**Wetland:**	**BOW-6B**
Location:	Benton County	**Approx. Area (acres):**	0.62
Date:	7/7/00	**Wetland Types(s):**	PEM, PSS

Result:	**Wetland provides habitat for some wildlife species**	
Rationale:	More than one Cowardin class	No adjacent Water Quality limited streams
	Herbaceous vegetation, no ponding	Adjacent land use is primarily agriculture
	Less than 0.5 acres of open water	Wetland buffer is 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	Herbaceous vegetation, no ponding
	Wetland floods/ponds in growing season	Agriculture downslope of wetland
	Flow out of wetland is restricted	Development upslope of wetland
Result:	**Wetland is potentially sensitive to future impacts**	
Rationale:	Stream modified or isolated wetland	Adjacent land use is primarily agriculture
	Water 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 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
	Visual detractors present, can be removed	Some traffic and natural noises are present

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	North Albany LWI	**Wetland:**	**BOW-6C**
Project Location:	Benton County	**Wetland Type(s):**	PEM, PSS

Date(s) of field work:	7/7/00	**Approx. Area (acres):**	0.17
Onsite Assessment?:	No	**Investigator(s):**	PF, SE
Wetland Location:	East of Scenic Drive, south of Gibson Hill, north of Wildwood 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		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	B	Q-4	B
Q-5	A	Q-5		Q-5	B	Q-5	C	Q-5	A
Q-6	A	Q-6		Q-6	C	Q-6	B	Q-6	C
Q-7	A					Q-7	A		
Q-8	B								
Q-9A									
Q-9B	B								

Results:

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

Function and Condition Assessment Answers:

Enhancement Potential		Education		Recreation		Aesthetic Quality	
Q	A	Q	A	Q	A	Q	A
Q-1	A	Q-1	C	Q-1	C	Q-1	B
Q-2	B	Q-2	A	Q-2	C	Q-2	B
Q-3		Q-3	B	Q-3	C	Q-3	A
Q-4	C	Q-4	B	Q-4	B	Q-4	B
Q-5B	B	Q-5	C	Q-5	B	Q-5	A
Q-6	B	Q-6	B	Q-6	B	Q-6	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:	North Albany LWI	**Wetland:**	**BOW-6C**
Location:	Benton County	**Approx. Area (acres):**	0.17
Date:	7/7/00	**Wetland Types(s):**	PEM, PSS

Result:	**Wetland provides habitat for some wildlife species**	
Rationale:	More than one Cowardin class	No adjacent Water Quality limited streams
	Herbaceous vegetation, no ponding	Adjacent land use is primarily agriculture
	Less than 0.5 acres of open water	Wetland buffer is between 10% and 40%
Result:	**Fish habitat was not assessed for this wetland**	
Rationale:		
Result:	**Wetland's water-quality function is impacted or degraded**	
Rationale:	Primary water source is 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	Herbaceous vegetation, no ponding
	Wetland floods/ponds in growing season	Agriculture 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 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 less than 0.5 acres
	Primary water source is groundwater	Wetland buffer is between 10% and 40%
	Water flow is permanently restricted	Potentially sensitive to future impacts
Result:	**Wetland site is not appropriate for educational use**	
Rationale:	No access allowed to wetland	No access point to wetland exists
	No visible hazards to public	Wetland is not limited mobility accessible
	Other habitats can be observed not accessed	
Result:	**Wetland is not appropriate or does not provide rec. opportunities**	
Rationale:	No access point to wetland exists	Wetland provides habitat for some wildlife
	No boat launching can be developed	No fishing is allowed
	No trails or viewing areas exist	No hunting is allowed
Result:	**Wetland is considered to be moderately pleasing**	
Rationale:	Two Cowardin classes visible	Wetland surrounded by landscaped areas
	25 - 50% of wetland can be seen	Natural odors present at wetland
	No visual detractors are present	Some traffic and natural noises are present

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	North Albany LWI	**Wetland:**	**BOW-7**
Project Location:	Benton County	**Wetland Type(s):**	PEM
Date(s) of field work:	7/20/00	**Approx. Area (acres):**	0.23
Onsite Assessment?:	Yes	**Investigator(s):**	PF, CR
Wetland Location:	South of Gibson Hill Road, east of Scenic Drive, west of Pulver Ln.		

Function and Condition Assessment 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	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	C	Q-3	C
Q-4	C	Q-4		Q-4	B	Q-4	A	Q-4	B
Q-5	B	Q-5		Q-5	B	Q-5	C	Q-5	A
Q-6	B	Q-6		Q-6	C	Q-6	B	Q-6	C
Q-7	A					Q-7	A		
Q-8	B								
Q-9A									
Q-9B	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	B	Q-2	A	Q-2	C	Q-2	A
Q-3		Q-3	B	Q-3	C	Q-3	A
Q-4	C	Q-4	B	Q-4	B	Q-4	A
Q-5B	B	Q-5	C	Q-5	B	Q-5	A
Q-6	B	Q-6	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:	North Albany LWI	**Wetland:**	**BOW-7**
Location:	Benton County	**Approx. Area (acres):**	0.23
Date:	7/20/00	**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 between 10% and 40%
Result:	**Fish habitat was not assessed for this wetland**	
Rationale:		
Result:	**Wetland's water-quality function is impacted or degraded**	
Rationale:	Primary water source is groundwater	Surface water connection to other wetlands
	Wetland floods/ponds in growing season	Adjacent land use is primarily agriculture
	High wetland vegetation cover	No adjacent Water Quality Limited streams
Result:	**Wetland's hydrologic control is impacted or degraded**	
Rationale:	Wetland is not within 100 year floodplain	Herbaceous vegetation, no ponding
	Wetland floods/ponds in growing season	Agriculture downslope of wetland
	Flow out of wetland is restricted	Development upslope of wetland
Result:	**Wetland is potentially sensitive to future impacts**	
Rationale:	Stream modified or isolated wetland	Adjacent land use is primarily agriculture
	Water 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 groundwater	Wetland buffer is between 10% and 40%
	Water flow is permanently restricted	Potentially sensitive to future impacts
Result:	**Wetland site is not appropriate for educational use**	
Rationale:	No access allowed to wetland	No access point to wetland exists
	No visible hazards to public	Wetland is not limited mobility accessible
	Other habitats can be observed not accessed	
Result:	**Wetland is not appropriate or does not provide rec. opportunities**	
Rationale:	No access point to wetland exists	Wetland provides habitat for some wildlife
	No boat launching can be developed	No fishing is allowed
	No trails or viewing areas exist	No hunting is allowed
Result:	**Wetland is considered to be pleasing**	
Rationale:	One Cowardin class is visible	Wetland surrounded by natural areas
	>50% of wetland can be seen	Natural odors present at wetland
	No visual detractors are present	Some traffic and natural noises are present

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	North Albany LWI	**Wetland:**	**HRS-1**
Project Location:	Benton County	**Wetland Type(s):**	PSS, PEM
Date(s) of field work:	5/12/00	**Approx. Area (acres):**	0.12
Onsite Assessment?:	Yes	**Investigator(s):**	PF, FS
Wetland Location:	South of Valley View Drive, west of Crocker Lane		

Function and Condition Assessment Answers:

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

Results:

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

Function and Condition Assessment Answers:

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

Results:

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

Oregon Freshwater Wetland Assessment Methodology
Functions and Conditions Summary Sheet

Project:	North Albany LWI	**Wetland:**	**HRS-1**
Location:	Benton County	**Approx. Area (acres):**	0.12
Date:	5/12/00	**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:	**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	Isolated from 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	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	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:	Two Cowardin classes visible	Wetland surrounded by natural areas
	>50% of wetland can be seen	Natural odors present at wetland
	No visual detractors are present	Some traffic and natural noises are present

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	North Albany LWI	**Wetland:**	**HRS-2Af**
Project Location:	Benton County	**Wetland Type(s):**	PEMf

Date(s) of field work:	5/12/00	**Approx. Area (acres):**	2.01
Onsite Assessment?:	Yes	**Investigator(s):**	PF, FS
Wetland Location:	South of Valley View Drive, west of Crocker Lane, norht of Squire Ln.		

Function and Condition Assessment 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	B
Q-2	C	Q-2		Q-2	A	Q-2	A	Q-2	B
Q-3	C	Q-3		Q-3	C	Q-3	B	Q-3	C
Q-4	C	Q-4		Q-4	B	Q-4	C	Q-4	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	B	Q-2	A	Q-2	C	Q-2	A
Q-3		Q-3	B	Q-3	C	Q-3	C
Q-4	B	Q-4	C	Q-4	B	Q-4	B
Q-5B	C	Q-5	C	Q-5	B	Q-5	A
Q-6	B	Q-6	B	Q-6	B	Q-6	A

Results:

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

Oregon Freshwater Wetland Assessment Methodology
Functions and Conditions Summary Sheet

Project:	North Albany LWI	**Wetland:**	**HRS-2Af**
Location:	Benton County	**Approx. Area (acres):**	2.01
Date:	5/12/00	**Wetland Types(s):**	PEMf

Result:	**Wetland provides habitat for some wildlife species**	
Rationale:	One Class with less than 5 species	No adjacent Water Quality limited streams
	Herbaceous vegetation, no ponding	Adjacent land use is primarily agriculture
	Less than 0.5 acres of open water	Wetland buffer is less than 10%
Result:	**Fish habitat was not assessed for this wetland**	
Rationale:		
Result:	**Wetland's water-quality function is impacted or degraded**	
Rationale:	Primary water source is groundwater	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	Agriculture downslope of wetland
	Water has unrestricted flow out of wetland	Development upslope of wetland
Result:	**Wetland is potentially sensitive to future impacts**	
Rationale:	Stream not modified	Adjacent land use is primarily agriculture
	Water not taken out	Adjacent zoning is primarily development
	No adjacent Water Quality Limited streams	Herbaceous vegetation, no ponding
Result:	**Wetland has high enhancement potential**	
Rationale:	Wetland functions are impacted or degraded	Wetland is between 0.5 and 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 not aesthetically pleasing**	
Rationale:	One Cowardin class is visible	Wetland surrounded by landscaped areas
	>50% of wetland can be seen	Natural odors present at wetland
	Visual detractors present, can't be removed	Some traffic and natural noises are present

Oregon Freshwater Wetland Assessment Methodology

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Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	North Albany LWI	**Wetland:**	**HRS-2B**
Project Location:	Benton County	**Wetland Type(s):**	PEM
Date(s) of field work:	5/16/00	**Approx. Area (acres):**	0.29
Onsite Assessment?:	Yes	**Investigator(s):**	PF, CR
Wetland Location:	North Albany Park along east edge		

Function and Condition Assessment 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	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	C	Q-3	C
Q-4	C	Q-4		Q-4	B	Q-4	C	Q-4	B
Q-5	B	Q-5		Q-5	B	Q-5	C	Q-5	A
Q-6	A	Q-6		Q-6	C	Q-6	B	Q-6	C
Q-7	A					Q-7	A		
Q-8	B								
Q-9A									
Q-9B	C								

Results:

Wildlife Habitat	Wetland provides habitat for some wildlife species
Fish Habitat	Fish habitat was not assessed for this wetland
Water Quality	Wetland's water-quality function is 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	B	Q-2	A	Q-2	C	Q-2	A
Q-3		Q-3	B	Q-3	A	Q-3	B
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 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:	North Albany LWI	**Wetland:**	**HRS-2B**
Location:	Benton County	**Approx. Area (acres):**	0.29
Date:	5/16/00	**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 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	Herbaceous vegetation, no ponding
	Wetland floods/ponds in growing season	Agriculture downslope of wetland
	Water has unrestricted flow out of wetland	Development upslope of wetland
Result:	**Wetland is potentially sensitive to future impacts**	
Rationale:	Stream not modified	Adjacent land use is primarily agriculture
	Water not taken out	Adjacent zoning is primarily development
	No adjacent Water Quality Limited streams	Herbaceous vegetation, no ponding
Result:	**Wetland has moderate potential for enhancement**	
Rationale:	Wetland functions are impacted or degraded	Wetland is less than 0.5 acres
	Primary water source is 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:	One Cowardin class is visible	Wetland surrounded by landscaped areas
	>50% of wetland can be seen	Natural odors present at wetland
	Visual detractors present, can be removed	Some traffic and natural noises are present

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	North Albany LWI	**Wetland:**	**HRS-3Af**
Project Location:	Benton County	**Wetland Type(s):**	PEMf

Date(s) of field work:	5/12/00	**Approx. Area (acres):**	1.34
Onsite Assessment?:	Yes	**Investigator(s):**	PF, FS
Wetland Location:	South of Valley View Drive, west of Crocker Lane, north of Squire Ln.		

Function and Condition Assessment 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	B
Q-2	C	Q-2		Q-2	A	Q-2	A	Q-2	B
Q-3	C	Q-3		Q-3	C	Q-3	B	Q-3	C
Q-4	C	Q-4		Q-4	B	Q-4	C	Q-4	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	B	Q-2	A	Q-2	B	Q-2	B
Q-3		Q-3	B	Q-3	C	Q-3	C
Q-4	B	Q-4	B	Q-4	B	Q-4	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 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:	North Albany LWI	**Wetland:**	**HRS-3Af**
Location:	Benton County	**Approx. Area (acres):**	1.34
Date:	5/12/00	**Wetland Types(s):**	PEMf
Result:	**Wetland provides habitat for some wildlife species**		
Rationale:	One Class with less than 5 species	No adjacent Water Quality limited streams	
	Herbaceous vegetation, no ponding	Adjacent land use is primarily agriculture	
	Less than 0.5 acres of open water	Wetland buffer is less than 10%	
Result:	**Fish habitat was not assessed for this wetland**		
Rationale:			
Result:	**Wetland's water-quality function is impacted or degraded**		
Rationale:	Primary water source is groundwater	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	Agriculture downslope of wetland	
	Water has unrestricted flow out of wetland	Development upslope of wetland	
Result:	**Wetland is potentially sensitive to future impacts**		
Rationale:	Stream not modified	Adjacent land use is primarily agriculture	
	Water not taken out	Adjacent zoning is primarily development	
	No adjacent Water Quality Limited streams	Herbaceous vegetation, no ponding	
Result:	**Wetland has high enhancement potential**		
Rationale:	Wetland functions are impacted or degraded	Wetland is between 0.5 and 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	
	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 can be developed	No fishing is allowed	
	No trails or viewing areas exist	No hunting is allowed	
Result:	**Wetland is not aesthetically pleasing**		
Rationale:	One Cowardin class is visible	Wetland surrounded by landscaped areas	
	25 - 50% of wetland can be seen	Natural odors present at wetland	
	Visual detractors present, can't be removed	Some traffic and natural noises are present	

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	North Albany LWI	**Wetland:**	**HRS-3B**
Project Location:	Benton County	**Wetland Type(s):**	PEM
Date(s) of field work:	5/12/00	**Approx. Area (acres):**	0.40
Onsite Assessment?:	Yes	**Investigator(s):**	PF, FS
Wetland Location:	West edge of Crocker Lane, north of Squire Lane		

Function and Condition Assessment Answers:

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

Results:

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

Function and Condition Assessment Answers:

Enhancement Potential		Education		Recreation		Aesthetic Quality	
Q	A	Q	A	Q	A	Q	A
Q-1	A	Q-1	C	Q-1	C	Q-1	C
Q-2	B	Q-2	B	Q-2	C	Q-2	A
Q-3		Q-3	B	Q-3	C	Q-3	A
Q-4	C	Q-4	B	Q-4	B	Q-4	B
Q-5B	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:	North Albany LWI	**Wetland:**	**HRS-3B**
Location:	Benton County	**Approx. Area (acres):**	0.40
Date:	5/12/00	**Wetland Types(s):**	PEM

Result:	**Wetland provides habitat for some wildlife species**	
Rationale:	One Class with less than 5 species	No adjacent Water Quality limited streams
	Herbaceous vegetation, no ponding	Adjacent land is mostly developed
	Less than 0.5 acres of open water	Wetland buffer is greater than 40%
Result:	**Fish habitat was not assessed for this wetland**	
Rationale:		
Result:	**Wetland's water-quality function is impacted or degraded**	
Rationale:	Primary water source is groundwater	Isolated from other wetlands
	Wetland floods/ponds in growing season	Adjacent land is mostly developed
	High wetland vegetation cover	No adjacent Water Quality Limited streams
Result:	**Wetland's hydrologic control is impacted or degraded**	
Rationale:	Wetland is not within 100 year floodplain	Herbaceous vegetation, no ponding
	Wetland floods/ponds in growing season	Development downslope of wetland
	Water has unrestricted flow out of wetland	Development upslope of wetland
Result:	**Wetland is potentially sensitive to future impacts**	
Rationale:	Stream modified or isolated wetland	Adjacent land is mostly developed
	Water not taken out	Adjacent zoning is primarily development
	No adjacent Water Quality Limited streams	Herbaceous vegetation, no ponding
Result:	**Wetland has high enhancement potential**	
Rationale:	Wetland functions are impacted or degraded	Wetland is less than 0.5 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
	1 or 2 visible safety hazards	Wetland is not limited mobility accessible
	Other habitats can be observed not accessed	
Result:	**Wetland is not appropriate or does not provide rec. opportunities**	
Rationale:	No access point to wetland exists	Wetland provides habitat for some wildlife
	No boat launching can be developed	No fishing is allowed
	No trails or viewing areas exist	No hunting is allowed
Result:	**Wetland is considered to be pleasing**	
Rationale:	One Cowardin class is visible	Wetland surrounded by landscaped areas
	>50% of wetland can be seen	Natural odors present at wetland
	No visual detractors are present	Some traffic and natural noises are present

Oregon Freshwater Wetland Assessment Methodology

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Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	North Albany LWI	**Wetland:**	**HRS-4**
Project Location:	Benton County	**Wetland Type(s):**	PEM
Date(s) of field work:	5/5/00	**Approx. Area (acres):**	0.23
Onsite Assessment?:	Yes	**Investigator(s):**	PF, CR
Wetland Location:	T. 10S, R. 4W, Section 25; T. 10S, R. 4W, Section 26		

Function and Condition Assessment Answers:

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

Results:

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

Function and Condition Assessment Answers:

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

Results:

Enhancement Potential	Wetland has moderate potential for enhancement
Education	Wetland site is not appropriate for educational use
Recreation	Wetland has the potential to provide recreational activities
Aesthetic Quality	Wetland is not aesthetically pleasing

Oregon Freshwater Wetland Assessment Methodology
Functions and Conditions Summary Sheet

Project:	North Albany LWI	**Wetland:**	**HRS-4**
Location:	Benton County	**Approx. Area (acres):**	0.23
Date:	5/5/00	**Wetland Types(s):**	PEM

Result:	**Wetland provides habitat for some wildlife species**	
Rationale:	One Cowardin class with > 5 species	No adjacent Water Quality limited streams
	Herbaceous vegetation & ponding	Adjacent land is mostly developed
	Less than 0.5 acres of open water	Wetland buffer is less than 10%
Result:	**Wetland's fish habitat function is impacted or degraded**	
Rationale:	Less than 25% of stream is shaded	No adjacent Water Quality Limited streams
	Stream banks are extensively modified	Adjacent land is mostly developed
	<10% of stream has instream structures	Warmwater fish present in stream
Result:	**Wetland's water-quality function is impacted or degraded**	
Rationale:	Primary water source is surface flow	Surface water connection to other wetlands
	Wetland floods/ponds in growing season	Adjacent land is mostly developed
	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	Development downslope of wetland
	Water has unrestricted flow out of wetland	Development upslope of wetland
Result:	**Wetland is potentially sensitive to future impacts**	
Rationale:	Stream modified or isolated wetland	Adjacent land is mostly developed
	Water not taken out	Adjacent zoning is primarily development
	No adjacent Water Quality Limited streams	Herbaceous vegetation & ponding
Result:	**Wetland has moderate potential for enhancement**	
Rationale:	Wetland functions are impacted or degraded	Wetland is less than 0.5 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	Unmaintained 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:	Unmaintained public access within 250 feet	Wetland provides habitat for some wildlife
	No boat launching can be developed	No fishing is allowed
	Unmaintained trails, viewing areas exist	No hunting is allowed
Result:	**Wetland is not aesthetically pleasing**	
Rationale:	One Cowardin class is visible	Wetland surrounded by landscaped areas
	Less than 25% of wetland can be seen	Natural odors present at wetland
	Visual detractors present, can't be removed	Some traffic and natural noises are present

Oregon Freshwater Wetland Assessment Methodology

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Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	North Albany LWI	**Wetland:**	**HRS-5Af**
Project Location:	Benton County	**Wetland Type(s):**	PEMf

Date(s) of field work:	4/20/00	**Approx. Area (acres):**	5.99
Onsite Assessment?:	Yes	**Investigator(s):**	PF, BC
Wetland Location:	South of Valley View, north of Gibson Hill, west of Crocker Lane		

Function and Condition Assessment Answers:

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

Results:

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

Function and Condition Assessment Answers:

Enhancement Potential		Education		Recreation		Aesthetic Quality	
Q	A	Q	A	Q	A	Q	A
Q-1	A	Q-1	C	Q-1	C	Q-1	C
Q-2	B	Q-2	A	Q-2	C	Q-2	A
Q-3		Q-3	B	Q-3	C	Q-3	C
Q-4	A	Q-4	B	Q-4	B	Q-4	B
Q-5B	C	Q-5	C	Q-5	B	Q-5	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:	North Albany LWI	**Wetland:**	**HRS-5Af**
Location:	Benton County	**Approx. Area (acres):**	5.99
Date:	4/20/00	**Wetland Types(s):**	PEMf

Result:	**Wetland provides habitat for some wildlife species**	
Rationale:	One Class with less than 5 species	No adjacent Water Quality limited streams
	Herbaceous vegetation, no ponding	Adjacent land use is primarily agriculture
	Less than 0.5 acres of open water	Wetland buffer is less than 10%
Result:	**Fish habitat was not assessed for this wetland**	
Rationale:		
Result:	**Wetland's water-quality function is impacted or degraded**	
Rationale:	Primary water source is groundwater	Wetland is more than 5 acres in size
	Wetland floods/ponds in growing season	Adjacent land use is primarily agriculture
	Low vegetation cover	No adjacent Water Quality Limited streams
Result:	**Wetland's hydrologic control is impacted or degraded**	
Rationale:	Wetland is not within 100 year floodplain	Herbaceous vegetation, no ponding
	Wetland floods/ponds in growing season	Agriculture downslope of wetland
	Water has unrestricted flow out of wetland	Development upslope of wetland
Result:	**Wetland is potentially sensitive to future impacts**	
Rationale:	Stream not modified	Adjacent land use is primarily agriculture
	Water not taken out	Adjacent zoning is primarily development
	No adjacent Water Quality Limited streams	Herbaceous vegetation, no ponding
Result:	**Wetland has 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
	Other habitats can be observed not accessed	
Result:	**Wetland is not appropriate or does not provide rec. opportunities**	
Rationale:	No access point to wetland exists	Wetland provides habitat for some wildlife
	No boat launching can be developed	No fishing is allowed
	No trails or viewing areas exist	No hunting is allowed
Result:	**Wetland is not aesthetically pleasing**	
Rationale:	One Cowardin class is visible	Wetland surrounded by landscaped areas
	>50% of wetland can be seen	Natural odors present at wetland
	Visual detractors present, can't be removed	Some traffic and natural noises are present

Oregon Freshwater Wetland Assessment Methodology

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Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	North Albany LWI	**Wetland:**	**HRS-5B**
Project Location:	Benton County	**Wetland Type(s):**	PFO
Date(s) of field work:	4/20/00	**Approx. Area (acres):**	0.50
Onsite Assessment?:	Yes	**Investigator(s):**	PF, BC
Wetland Location:	South of Valley View Drive, east of Scenic Drive, north of Gibson Hill		

Function and Condition Assessment Answers:

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

Results:

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

Function and Condition Assessment Answers:

Enhancement Potential		Education		Recreation		Aesthetic Quality	
Q	A	Q	A	Q	A	Q	A
Q-1	A	Q-1	C	Q-1	C	Q-1	B
Q-2	B	Q-2	A	Q-2	C	Q-2	A
Q-3		Q-3	B	Q-3	C	Q-3	A
Q-4	B	Q-4	B	Q-4	B	Q-4	B
Q-5B	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:	North Albany LWI	**Wetland:**	**HRS-5B**
Location:	Benton County	**Approx. Area (acres):**	0.50
Date:	4/20/00	**Wetland Types(s):**	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 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	Herbaceous vegetation, no ponding	
	Wetland floods/ponds in growing season	Agriculture downslope of wetland	
	Water has unrestricted flow out of wetland	Development upslope of wetland	
Result:	**Wetland is potentially sensitive to future impacts**		
Rationale:	Stream not modified	Adjacent land use is primarily agriculture	
	Water not taken out	Adjacent zoning is primarily development	
	No adjacent Water Quality Limited streams	Herbaceous vegetation, no ponding	
Result:	**Wetland has high enhancement potential**		
Rationale:	Wetland functions are impacted or degraded	Wetland is 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 pleasing**		
Rationale:	Two Cowardin classes visible	Wetland surrounded by landscaped areas	
	>50% of wetland can be seen	Natural odors present at wetland	
	No visual detractors are present	Some traffic and natural noises are present	

Oregon Freshwater Wetland Assessment Methodology

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Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	North Albany LWI	**Wetland:**	**HRS-6**
Project Location:	Benton County	**Wetland Type(s):**	PEM
Date(s) of field work:	4/20/00	**Approx. Area (acres):**	0.15
Onsite Assessment?:	Yes	**Investigator(s):**	PF, BC
Wetland Location:	South of Valley View, east of Scenic 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	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	B	Q-3	C	Q-3	C
Q-4	C	Q-4		Q-4	C	Q-4	C	Q-4	A
Q-5	C	Q-5		Q-5	A	Q-5	C	Q-5	A
Q-6	B	Q-6		Q-6	C	Q-6	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 is impacted or degraded
Sensitivity to Impact	Wetland is potentially sensitive to future impacts

Function and Condition Assessment Answers:

Enhancement Potential		Education		Recreation		Aesthetic Quality	
Q	A	Q	A	Q	A	Q	A
Q-1	A	Q-1	C	Q-1	C	Q-1	C
Q-2	B	Q-2	A	Q-2	C	Q-2	B
Q-3		Q-3	B	Q-3	B	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 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:	North Albany LWI	**Wetland:**	**HRS-6**
Location:	Benton County	**Approx. Area (acres):**	0.15
Date:	4/20/00	**Wetland Types(s):**	PEM

Result:	**Wetland provides habitat for some wildlife species**	
Rationale:	One Class with less than 5 species	No adjacent Water Quality limited streams
	Herbaceous vegetation, no ponding	Adjacent land is mostly developed
	Less than 0.5 acres of open water	Wetland buffer is less than 10%
Result:	**Fish habitat was not assessed for this wetland**	
Rationale:		
Result:	**Wetland's water-quality function is impacted or degraded**	
Rationale:	Primary water source is groundwater	Isolated from other wetlands
	Wetland floods/ponds in growing season	Adjacent land is mostly developed
	Moderate vegetation cover	No adjacent Water Quality Limited streams
Result:	**Wetland's hydrologic control is impacted or degraded**	
Rationale:	Wetland is not within 100 year floodplain	Herbaceous vegetation, no ponding
	Wetland floods/ponds in growing season	Agriculture downslope of wetland
	Water has unrestricted flow out of wetland	Development upslope of wetland
Result:	**Wetland is potentially sensitive to future impacts**	
Rationale:	Stream not modified	Adjacent land is mostly developed
	Water not taken out	Adjacent zoning is primarily development
	No adjacent Water Quality Limited streams	Herbaceous vegetation, no ponding
Result:	**Wetland has moderate potential for enhancement**	
Rationale:	Wetland functions are impacted or degraded	Wetland is less than 0.5 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
	Unmaintained trails, viewing areas exist	No hunting is allowed
Result:	**Wetland is considered to be moderately pleasing**	
Rationale:	One Cowardin class is visible	Wetland surrounded by landscaped areas
	25 - 50% of wetland can be seen	Natural odors present at wetland
	No visual detractors are present	Some traffic and natural noises are present

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	North Albany LWI	**Wetland:**	**HRS-7Af**
Project Location:	Benton County	**Wetland Type(s):**	PEMf
Date(s) of field work:	4/20/00	**Approx. Area (acres):**	33.96
Onsite Assessment?:	Yes	**Investigator(s):**	PF, BC
Wetland Location:	South of Valley View, east of Scenic Drive, north of Gibson Hill		

Function and Condition Assessment Answers:

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

Results:

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

Oregon Freshwater Wetland Assessment Methodology
Functions and Conditions Summary Sheet

Project:	North Albany LWI	**Wetland:**	**HRS-7Af**
Location:	Benton County	**Approx. Area (acres):**	33.96
Date:	4/20/00	**Wetland Types(s):**	PEMf

Result:	**Wetland provides habitat for some wildlife species**	
Rationale:	One Class with less than 5 species	No adjacent Water Quality limited streams
	Herbaceous vegetation, no ponding	Adjacent land use is primarily agriculture
	Less than 0.5 acres of open water	Wetland buffer is less than 10%
Result:	**Fish habitat was not assessed for this wetland**	
Rationale:		
Result:	**Wetland's water-quality function is impacted or degraded**	
Rationale:	Primary water source is groundwater	Wetland is more than 5 acres in size
	Wetland floods/ponds in growing season	Adjacent land use is primarily agriculture
	Low vegetation cover	No adjacent Water Quality Limited streams
Result:	**Wetland's hydrologic control is impacted or degraded**	
Rationale:	Wetland is not within 100 year floodplain	Herbaceous vegetation, no ponding
	Wetland floods/ponds in growing season	Agriculture downslope of wetland
	Water has unrestricted flow out of wetland	Development upslope of wetland
Result:	**Wetland is potentially sensitive to future impacts**	
Rationale:	Stream not modified	Adjacent land use is primarily agriculture
	Water not taken out	Adjacent zoning is primarily development
	No adjacent Water Quality Limited streams	Herbaceous vegetation, no ponding
Result:	**Wetland has 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
	Other habitats can be observed not accessed	
Result:	**Wetland is not appropriate or does not provide rec. opportunities**	
Rationale:	No access point to wetland exists	Wetland provides habitat for some wildlife
	No boat launching can be developed	No fishing is allowed
	No trails or viewing areas exist	No hunting is allowed
Result:	**Wetland is not aesthetically pleasing**	
Rationale:	One Cowardin class is visible	Wetland surrounded by landscaped areas
	>50% of wetland can be seen	Natural odors present at wetland
	Visual detractors present, can't be removed	Some traffic and natural noises are present

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	North Albany LWI	**Wetland:**	**HRS-7B**
Project Location:	Benton County	**Wetland Type(s):**	PFO, PEM

Date(s) of field work:	5/5/00	**Approx. Area (acres):**	8.32
Onsite Assessment?:	Yes	**Investigator(s):**	PF, CR
Wetland Location:	West of Crocker Lane, south of Robin Hood Lane		

Function and Condition Assessment Answers:

Wildlife Habitat		Fish Habitat		Water Quality		Hydrologic Control		Sensitivity to Impact	
Q	A	Q	A	Q	A	Q	A	Q	A
Q-1	**A**	Q-1	**A**	Q-1	**A**	Q-1	**B**	Q-1	**A**
Q-2	**A**	Q-2	**A**	Q-2	**A**	Q-2	**A**	Q-2	**B**
Q-3	**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	**A**	Q-5	**A**
Q-6	**A**	Q-6	**B**	Q-6	**C**	Q-6	**B**	Q-6	**A**
Q-7	**A**					Q-7	**A**		
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		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:	North Albany LWI	**Wetland:**	**HRS-7B**
Location:	Benton County	**Approx. Area (acres):**	8.32
Date:	5/5/00	**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 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% 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 not within 100 year floodplain	Dominated by woody vegetation
	Wetland floods/ponds in growing season	Agriculture downslope of wetland
	Water has unrestricted flow out of wetland	Development upslope of wetland
Result:	**Wetland is potentially sensitive to future impacts**	
Rationale:	Stream modified or isolated wetland	Adjacent land use is primarily agriculture
	Water not taken out	Adjacent zoning is primarily development
	No adjacent Water Quality Limited streams	Dominated by woody vegetation
Result:	**Due to diverse wildlife habitat, this wetland cannot be enhanced**	
Rationale:		
Result:	**Wetland 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

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	North Albany LWI	**Wetland:**	**HRS-8Af**
Project Location:	Benton County	**Wetland Type(s):**	PEMf

Date(s) of field work:	5/5/00	**Approx. Area (acres):**	0.40
Onsite Assessment?:	Yes	**Investigator(s):**	PF, CR
Wetland Location:	West of Crocker Lane, north of Dover Ln, south of Robin Hood Ln.		

Function and Condition Assessment 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	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	B	Q-4	C	Q-4	B
Q-5	A	Q-5		Q-5	B	Q-5	C	Q-5	A
Q-6	A	Q-6		Q-6	C	Q-6	B	Q-6	C
Q-7	A					Q-7	A		
Q-8	B								
Q-9A									
Q-9B	C								

Results:

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

Function and Condition Assessment Answers:

Enhancement Potential		Education		Recreation		Aesthetic Quality	
Q	A	Q	A	Q	A	Q	A
Q-1	A	Q-1	C	Q-1	C	Q-1	C
Q-2	B	Q-2	A	Q-2	C	Q-2	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 not aesthetically pleasing

Oregon Freshwater Wetland Assessment Methodology
Functions and Conditions Summary Sheet

Project:	North Albany LWI	**Wetland:**	**HRS-8Af**
Location:	Benton County	**Approx. Area (acres):**	0.40
Date:	5/5/00	**Wetland Types(s):**	PEMf
Result:	**Wetland provides habitat for some wildlife species**		
Rationale:	One Class with less than 5 species	No adjacent Water Quality limited streams	
	Herbaceous vegetation, no ponding	Adjacent land use is primarily agriculture	
	Less than 0.5 acres of open water	Wetland buffer is less than 10%	
Result:	**Fish habitat was not assessed for this wetland**		
Rationale:			
Result:	**Wetland's water-quality function is impacted or degraded**		
Rationale:	Primary water source is groundwater	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	Agriculture downslope of wetland	
	Water has unrestricted flow out of wetland	Development upslope of wetland	
Result:	**Wetland is potentially sensitive to future impacts**		
Rationale:	Stream not modified	Adjacent land use is primarily agriculture	
	Water not taken out	Adjacent zoning is primarily development	
	No adjacent Water Quality Limited streams	Herbaceous vegetation, no ponding	
Result:	**Wetland has moderate potential for enhancement**		
Rationale:	Wetland functions are impacted or degraded	Wetland is less than 0.5 acres	
	Primary water source is 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 not aesthetically pleasing**		
Rationale:	One Cowardin class is visible	Wetland surrounded by landscaped areas	
	>50% of wetland can be seen	Natural odors present at wetland	
	Visual detractors present, can't be removed	Some traffic and natural noises are present	

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	North Albany LWI	**Wetland:**	**HRS-8B**
Project Location:	Benton County	**Wetland Type(s):**	PEM

Date(s) of field work:	5/5/00	**Approx. Area (acres):**	0.48
Onsite Assessment?:	No	**Investigator(s):**	PF, CR
Wetland Location:	West of Crocker Lane, north of Dover Ln, south of Robin Hood Ln.		

Function and Condition Assessment 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	A	Q-1	B	Q-1	A
Q-2	B	Q-2	C	Q-2	A	Q-2	A	Q-2	B
Q-3	C	Q-3	C	Q-3	C	Q-3	C	Q-3	C
Q-4	C	Q-4	A	Q-4	B	Q-4	B	Q-4	B
Q-5	A	Q-5	B	Q-5	B	Q-5	B	Q-5	A
Q-6	A	Q-6	B	Q-6	C	Q-6	B	Q-6	B
Q-7	A					Q-7	A		
Q-8	B								
Q-9A									
Q-9B	A								

Results:

Wildlife Habitat	Wetland provides habitat for some wildlife species
Fish Habitat	Wetland's fish habitat function is impacted or degraded
Water Quality	Wetland's water-quality function is 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	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:	North Albany LWI	**Wetland:**	**HRS-8B**
Location:	Benton County	**Approx. Area (acres):**	0.48
Date:	5/5/00	**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 greater than 40%	
Result:	**Wetland's fish habitat function is impacted or degraded**		
Rationale:	25-50% of stream is shaded	No adjacent Water Quality Limited streams	
	Stream banks are extensively modified	Adjacent land use is primarily agriculture	
	<10% of stream has instream structures	Warmwater fish present in stream	
Result:	**Wetland's water-quality function is impacted or degraded**		
Rationale:	Primary water source is surface flow	Surface water connection to other wetlands	
	Wetland floods/ponds in growing season	Adjacent land use is primarily agriculture	
	Low vegetation cover	No adjacent Water Quality Limited streams	
Result:	**Wetland's hydrologic control is impacted or degraded**		
Rationale:	Wetland is not within 100 year floodplain	Herbaceous vegetation & ponding	
	Wetland floods/ponds in growing season	Agriculture downslope of wetland	
	Minor restrictions slow down the water	Development upslope of wetland	
Result:	**Wetland is potentially sensitive to future impacts**		
Rationale:	Stream modified or isolated wetland	Adjacent land use is primarily agriculture	
	Water not taken out	Adjacent zoning is primarily 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 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 site is not appropriate for educational use**		
Rationale:	No access allowed to wetland	No access point to wetland exists	
	No visible hazards to public	Wetland is not limited mobility accessible	
	No access or observation of other habitats		
Result:	**Wetland is not appropriate or does not provide rec. opportunities**		
Rationale:	No access point to wetland exists	Wetland provides habitat for some wildlife	
	No boat launching can be developed	No fishing is allowed	
	No trails or viewing areas exist	No hunting is allowed	
Result:	**Wetland is considered to be pleasing**		
Rationale:	One Cowardin class is visible	Wetland surrounded by landscaped areas	
	>50% of wetland can be seen	Natural odors present at wetland	
	No visual detractors are present	Some traffic and natural noises are present	

Oregon Freshwater Wetland Assessment Methodology

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Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	North Albany LWI	**Wetland:**	**HRS-8C**
Project Location:	Benton County	**Wetland Type(s):**	PEM

Date(s) of field work:	5/5/00	**Approx. Area (acres):**	0.66
Onsite Assessment?:	Yes	**Investigator(s):**	PF, CR
Wetland Location:	West of Crocker Lane, north of Dover Ln, south of Robin Hood Ln.		

Function and Condition Assessment 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	B
Q-2	C	Q-2		Q-2	A	Q-2	A	Q-2	B
Q-3	C	Q-3		Q-3	C	Q-3	B	Q-3	C
Q-4	C	Q-4		Q-4	B	Q-4	C	Q-4	B
Q-5	A	Q-5		Q-5	B	Q-5	C	Q-5	A
Q-6	A	Q-6		Q-6	C	Q-6	B	Q-6	C
Q-7	A					Q-7	A		
Q-8	B								
Q-9A									
Q-9B	C								

Results:

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

Function and Condition Assessment Answers:

Enhancement Potential		Education		Recreation		Aesthetic Quality	
Q	A	Q	A	Q	A	Q	A
Q-1	A	Q-1	C	Q-1	C	Q-1	C
Q-2	B	Q-2	A	Q-2	C	Q-2	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 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:	North Albany LWI	**Wetland:**	**HRS-8C**
Location:	Benton County	**Approx. Area (acres):**	0.66
Date:	5/5/00	**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 groundwater	Surface water connection to other wetlands
	Wetland floods/ponds in growing season	Adjacent land use is primarily agriculture
	Low vegetation cover	No adjacent Water Quality Limited streams
Result:	**Wetland's hydrologic control is impacted or degraded**	
Rationale:	Wetland is not within 100 year floodplain	Herbaceous vegetation, no ponding
	Wetland floods/ponds in growing season	Agriculture downslope of wetland
	Water has unrestricted flow out of wetland	Development upslope of wetland
Result:	**Wetland is potentially sensitive to future impacts**	
Rationale:	Stream not modified	Adjacent land use is primarily agriculture
	Water not taken out	Adjacent zoning is primarily development
	No adjacent Water Quality Limited streams	Herbaceous vegetation, no ponding
Result:	**Wetland has high enhancement potential**	
Rationale:	Wetland functions are impacted or degraded	Wetland is between 0.5 and 5 acres
	Primary water source is groundwater	Wetland buffer is less than 10%
	Water flow is permanently restricted	Potentially sensitive to future impacts
Result:	**Wetland site is not appropriate for educational use**	
Rationale:	No access allowed to wetland	No access point to wetland exists
	No visible hazards to public	Wetland is not limited mobility accessible
	No access or observation of other habitats	
Result:	**Wetland is not appropriate or does not provide rec. opportunities**	
Rationale:	No access point to wetland exists	Wetland provides habitat for some wildlife
	No boat launching can be developed	No fishing is allowed
	No trails or viewing areas exist	No hunting is allowed
Result:	**Wetland is not aesthetically pleasing**	
Rationale:	One Cowardin class is visible	Wetland surrounded by landscaped areas
	>50% of wetland can be seen	Natural odors present at wetland
	Visual detractors present, can't be removed	Some traffic and natural noises are present

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	North Albany LWI	**Wetland:**	**HRS-8Df**
Project Location:	Benton County	**Wetland Type(s):**	PEMf

Date(s) of field work:	5/5/00	**Approx. Area (acres):**	0.36
Onsite Assessment?:	Yes	**Investigator(s):**	PF, CR
Wetland Location:	West of Crocker Lane, north of Dover Ln, south of Robin Hood Ln.		

Function and Condition Assessment 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	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	C	Q-3	C
Q-4	C	Q-4		Q-4	B	Q-4	C	Q-4	B
Q-5	A	Q-5		Q-5	B	Q-5	C	Q-5	A
Q-6	A	Q-6		Q-6	C	Q-6	B	Q-6	C
Q-7	A					Q-7	B		
Q-8	B								
Q-9A									
Q-9B	C								

Results:

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

Function and Condition Assessment Answers:

Enhancement Potential		Education		Recreation		Aesthetic Quality	
Q	A	Q	A	Q	A	Q	A
Q-1	A	Q-1	C	Q-1	C	Q-1	C
Q-2	B	Q-2	A	Q-2	C	Q-2	A
Q-3	A	Q-3	B	Q-3	C	Q-3	B
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 pleasing

Oregon Freshwater Wetland Assessment Methodology
Functions and Conditions Summary Sheet

Project:	North Albany LWI	**Wetland:**	**HRS-8Df**
Location:	Benton County	**Approx. Area (acres):**	0.36
Date:	5/5/00	**Wetland Types(s):**	PEMf

Result:	**Wetland provides habitat for some wildlife species**	
Rationale:	One Class with less than 5 species	No adjacent Water Quality limited streams
	Herbaceous vegetation, no ponding	Adjacent land use is primarily agriculture
	Less than 0.5 acres of open water	Wetland buffer is less than 10%
Result:	**Fish habitat was not assessed for this wetland**	
Rationale:		
Result:	**Wetland's water-quality function is impacted or degraded**	
Rationale:	Primary water source is groundwater	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 less than 0.5 acres
	Primary water source is groundwater	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 pleasing**	
Rationale:	One Cowardin class is visible	Wetland surrounded by landscaped areas
	>50% of wetland can be seen	Natural odors present at wetland
	Visual detractors present, can be removed	Some traffic and natural noises are present

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	North Albany LWI	**Wetland:**	**HRS-8E**
Project Location:	Benton County	**Wetland Type(s):**	PEM

Date(s) of field work:	N/A	**Approx. Area (acres):**	0.27
Onsite Assessment?:	No	**Investigator(s):**	PF, CR
Wetland Location:	West of Crocker Lane, north of Dover Ln, south of Robin Hood Ln.		

Function and Condition Assessment 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	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	C	Q-3	C
Q-4	C	Q-4		Q-4	B	Q-4	C	Q-4	B
Q-5	A	Q-5		Q-5	B	Q-5	C	Q-5	A
Q-6	A	Q-6		Q-6	C	Q-6	B	Q-6	C
Q-7	A					Q-7	B		
Q-8	B								
Q-9A									
Q-9B	C								

Results:

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

Function and Condition Assessment Answers:

Enhancement Potential		Education		Recreation		Aesthetic Quality	
Q	A	Q	A	Q	A	Q	A
Q-1	A	Q-1	C	Q-1	C	Q-1	C
Q-2	B	Q-2	A	Q-2	C	Q-2	A
Q-3	A	Q-3	B	Q-3	C	Q-3	B
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 pleasing

Oregon Freshwater Wetland Assessment Methodology
Functions and Conditions Summary Sheet

Project:	North Albany LWI	**Wetland:**	**HRS-8E**
Location:	Benton County	**Approx. Area (acres):**	0.27
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, no ponding	Adjacent land use is primarily agriculture
	Less than 0.5 acres of open water	Wetland buffer is less than 10%
Result:	**Fish habitat was not assessed for this wetland**	
Rationale:		
Result:	**Wetland's water-quality function is impacted or degraded**	
Rationale:	Primary water source is groundwater	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 less than 0.5 acres
	Primary water source is groundwater	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 pleasing**	
Rationale:	One Cowardin class is visible	Wetland surrounded by landscaped areas
	>50% of wetland can be seen	Natural odors present at wetland
	Visual detractors present, can be removed	Some traffic and natural noises are present

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	North Albany LWI	**Wetland:**	**HRS-9**
Project Location:	Benton County	**Wetland Type(s):**	PFO, PEM

Date(s) of field work:	7/20/00	**Approx. Area (acres):**	1.70
Onsite Assessment?:	Yes	**Investigator(s):**	PF, CR
Wetland Location:	North of Gibson Hill Road, west of Crocker Ln., north and s. of Dover Ln.		

Function and Condition Assessment 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	B
Q-3	B	Q-3		Q-3	B	Q-3	B	Q-3	C
Q-4	C	Q-4		Q-4	B	Q-4	C	Q-4	A
Q-5	A	Q-5		Q-5	A	Q-5	C	Q-5	A
Q-6	A	Q-6		Q-6	C	Q-6	B	Q-6	C
Q-7	A					Q-7	A		
Q-8	C								
Q-9A									
Q-9B	C								

Results:

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

Results:

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

Oregon Freshwater Wetland Assessment Methodology
Functions and Conditions Summary Sheet

Project:	North Albany LWI	**Wetland:**	**HRS-9**
Location:	Benton County	**Approx. Area (acres):**	1.70
Date:	7/20/00	**Wetland Types(s):**	PFO, PEM

Result:	**Wetland provides habitat for some wildlife species**	
Rationale:	More than one Cowardin class	No adjacent Water Quality limited streams
	Herbaceous vegetation, no ponding	Adjacent land is 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 surface flow	Surface water connection to other wetlands
	Wetland floods/ponds in growing season	Adjacent land is mostly developed
	Moderate vegetation cover	No adjacent Water Quality Limited streams
Result:	**Wetland's hydrologic control is impacted or degraded**	
Rationale:	Wetland is not within 100 year floodplain	Herbaceous vegetation, no ponding
	Wetland floods/ponds in growing season	Agriculture downslope of wetland
	Water has unrestricted flow out of wetland	Development upslope of wetland
Result:	**Wetland is potentially sensitive to future impacts**	
Rationale:	Stream modified or isolated wetland	Adjacent land is mostly developed
	Water not taken out	Adjacent zoning is primarily development
	No adjacent Water Quality Limited streams	Herbaceous vegetation, no ponding
Result:	**Wetland has moderate potential for enhancement**	
Rationale:	Wetland functions are impacted or degraded	Wetland is between 0.5 and 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 site is not appropriate for educational use**	
Rationale:	No access allowed to wetland	No access point to wetland exists
	No visible hazards to public	Wetland is not limited mobility accessible
	Other habitats can be observed not accessed	
Result:	**Wetland is not appropriate or does not provide rec. opportunities**	
Rationale:	No access point to wetland exists	Wetland provides habitat for some wildlife
	No boat launching can be developed	No fishing is allowed
	No trails or viewing areas exist	No hunting is allowed
Result:	**Wetland is not aesthetically pleasing**	
Rationale:	One Cowardin class is visible	Wetland surrounded by landscaped areas
	25 - 50% of wetland can be seen	Natural odors present at wetland
	Visual detractors present, can't be removed	Some traffic and natural noises are present

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	North Albany LWI	**Wetland:**	**HRS-10A**
Project Location:	Benton County	**Wetland Type(s):**	PEM

Date(s) of field work:	5/26/00	**Approx. Area (acres):**	0.17
Onsite Assessment?:	No	**Investigator(s):**	CR, FS
Wetland Location:	East of Crocker Lane, south of Bloom Lane		

Function and Condition Assessment Answers:

Wildlife Habitat		Fish Habitat		Water Quality		Hydrologic Control		Sensitivity to Impact	
Q	A	Q	A	Q	A	Q	A	Q	A
Q-1	C	Q-1		Q-1	C	Q-1	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	A	Q-3	C	Q-3	C
Q-4	C	Q-4		Q-4	C	Q-4	C	Q-4	B
Q-5	B	Q-5		Q-5	B	Q-5	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	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	C	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:	North Albany LWI	**Wetland:**	**HRS-10A**
Location:	Benton County	**Approx. Area (acres):**	0.17
Date:	5/26/00	**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 groundwater	Isolated from other wetlands	
	Can't determine if wetland floods or ponds	Adjacent land use is primarily agriculture	
	High wetland vegetation cover	No adjacent Water Quality Limited streams	
Result:	**Wetland's hydrologic control is impacted or degraded**		
Rationale:	Wetland is not within 100 year floodplain	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 high enhancement potential**		
Rationale:	Wetland functions are impacted or degraded	Wetland is less than 0.5 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 pleasing**		
Rationale:	One Cowardin class is visible	Wetland surrounded by landscaped areas	
	>50% of wetland can be seen	Natural odors present at wetland	
	No visual detractors are present	Some traffic and natural noises are present	

Oregon Freshwater Wetland Assessment Methodology

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Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	North Albany LWI	**Wetland:**	**HRS-11A**
Project Location:	Benton County	**Wetland Type(s):**	PEM, PSS

Date(s) of field work:	5/12/00	**Approx. Area (acres):**	1.32
Onsite Assessment?:	No	**Investigator(s):**	PF, FS
Wetland Location:	East of Crocker Lane, south of Meadow Wood Drive		

Function and Condition Assessment Answers:

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

Results:

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

Function and Condition Assessment Answers:

Enhancement Potential		Education		Recreation		Aesthetic Quality	
Q	A	Q	A	Q	A	Q	A
Q-1	A	Q-1	C	Q-1	C	Q-1	B
Q-2	A	Q-2	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	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:	North Albany LWI	**Wetland:**	**HRS-11A**
Location:	Benton County	**Approx. Area (acres):**	1.32
Date:	5/12/00	**Wetland Types(s):**	PEM, PSS
Result:	**Wetland provides habitat for some wildlife species**		
Rationale:	More than one Cowardin class	No adjacent Water Quality limited streams	
	Dominated by woody vegetation	Adjacent land is mostly developed	
	Less than 0.5 acres of open water	Wetland buffer is between 10% and 40%	
Result:	**Fish habitat was not assessed for this wetland**		
Rationale:			
Result:	**Wetland's water-quality function is intact**		
Rationale:	Primary water source is surface flow	Surface water connection to other wetlands	
	Wetland floods/ponds in growing season	Adjacent land is mostly developed	
	High wetland vegetation cover	No adjacent Water Quality Limited streams	
Result:	**Wetland's hydrologic control function is intact**		
Rationale:	Wetland is not within 100 year floodplain	Dominated by woody vegetation	
	Wetland floods/ponds in growing season	Development downslope of wetland	
	Water has unrestricted flow out of wetland	Development upslope of wetland	
Result:	**Wetland is potentially sensitive to future impacts**		
Rationale:	Stream not modified	Adjacent land is mostly developed	
	Water not taken out	Adjacent zoning is primarily development	
	No adjacent Water Quality Limited streams	Dominated by woody vegetation	
Result:	**Wetland has high enhancement potential**		
Rationale:	Wetland functions are impacted or degraded	Wetland is between 0.5 and 5 acres	
	Primary water source is surface flow	Wetland buffer is between 10% and 40%	
	Water flow is permanently restricted	Potentially sensitive to future impacts	
Result:	**Wetland site is not appropriate for educational use**		
Rationale:	No access allowed to wetland	No access point to wetland exists	
	No visible hazards to public	Wetland is limited mobility accessible	
	Other habitats can be observed not accessed		
Result:	**Wetland is not appropriate or does not provide rec. opportunities**		
Rationale:	No access point to wetland exists	Wetland provides habitat for some wildlife	
	No boat launching can be developed	No fishing is allowed	
	No trails or viewing areas exist	No hunting is allowed	
Result:	**Wetland is considered to be pleasing**		
Rationale:	Two Cowardin classes visible	Wetland surrounded by landscaped areas	
	>50% of wetland can be seen	Natural odors present at wetland	
	No visual detractors are present	Some traffic and natural noises are present	

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	North Albany LWI	**Wetland:**	**HRS-10B**
Project Location:	Benton County	**Wetland Type(s):**	PEM, PAB
Date(s) of field work:	5/26/00	**Approx. Area (acres):**	0.74
Onsite Assessment?:	Yes	**Investigator(s):**	CR, FS
Wetland Location:	East of Crocker Lane, south of Bloom Lane		

Function and Condition Assessment Answers:

Wildlife Habitat		Fish Habitat		Water Quality		Hydrologic Control		Sensitivity to Impact	
Q	A	Q	A	Q	A	Q	A	Q	A
Q-1	B	Q-1	C	Q-1	C	Q-1	B	Q-1	B
Q-2	B	Q-2	C	Q-2	A	Q-2	A	Q-2	B
Q-3	B	Q-3	C	Q-3	B	Q-3	B	Q-3	C
Q-4	C	Q-4	A	Q-4	B	Q-4	B	Q-4	B
Q-5	A	Q-5	B	Q-5	B	Q-5	B	Q-5	A
Q-6	A	Q-6	B	Q-6	C	Q-6	A	Q-6	B
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 impacted or degraded
Hydrologic Control	Wetland's hydrologic control is impacted or degraded
Sensitivity to Impact	Wetland is potentially sensitive to future impacts

Function and Condition Assessment Answers:

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

Results:

Enhancement Potential	Wetland has 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:	North Albany LWI	**Wetland:**	**HRS-10B**
Location:	Benton County	**Approx. Area (acres):**	0.74
Date:	5/26/00	**Wetland Types(s):**	PEM, PAB
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 between 10% and 40%	
Result:	**Wetland's fish habitat function is impacted or degraded**		
Rationale:	Less than 25% of stream is shaded	No adjacent Water Quality Limited streams	
	Stream banks are extensively modified	Adjacent land use is primarily agriculture	
	<10% of stream has instream structures	Warmwater fish present in stream	
Result:	**Wetland's water-quality function is impacted or degraded**		
Rationale:	Primary water source is groundwater	Surface water connection to other wetlands	
	Wetland floods/ponds in growing season	Adjacent land use is primarily agriculture	
	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	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 use is primarily agriculture	
	Water not taken out	Adjacent zoning is primarily development	
	No adjacent Water Quality Limited streams	Herbaceous vegetation & ponding	
Result:	**Wetland has 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 between 10% and 40%	
	Water flow is permanently restricted	Potentially sensitive to future impacts	
Result:	**Wetland site is not appropriate for educational use**		
Rationale:	No access allowed to wetland	No access point to wetland exists	
	No visible hazards to public	Wetland is not limited mobility accessible	
	Other habitats can be observed not accessed		
Result:	**Wetland is not appropriate or does not provide rec. opportunities**		
Rationale:	No access point to wetland exists	Wetland provides habitat for some wildlife	
	No boat launching can be developed	No fishing is allowed	
	No trails or viewing areas exist	No hunting is allowed	
Result:	**Wetland is considered to be pleasing**		
Rationale:	Two Cowardin classes visible	Wetland surrounded by landscaped areas	
	>50% of wetland can be seen	Natural odors present at wetland	
	No visual detractors are present	Some traffic and natural noises are present	

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	North Albany LWI	**Wetland:**	**HRS-10C**
Project Location:	Benton County	**Wetland Type(s):**	PEM, PSS
Date(s) of field work:	5/26/00	**Approx. Area (acres):**	0.39
Onsite Assessment?:	Yes	**Investigator(s):**	PF, FS
Wetland Location:	East of Crocker Lane, south of Bloom Lane		

Function and Condition Assessment Answers:

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

Results:

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

Results:

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

Oregon Freshwater Wetland Assessment Methodology
Functions and Conditions Summary Sheet

Project:	North Albany LWI	**Wetland:**	**HRS-10C**
Location:	Benton County	**Approx. Area (acres):**	0.39
Date:	5/26/00	**Wetland Types(s):**	PEM, PSS

Result:	**Wetland provides habitat for some wildlife species**	
Rationale:	More than one Cowardin class	No adjacent Water Quality limited streams
	Dominated by woody vegetation	Adjacent land is mostly developed
	Less than 0.5 acres of open water	Wetland buffer is between 10% and 40%
Result:	**Wetland's fish habitat function is impacted or degraded**	
Rationale:	25-50% of stream is shaded	No adjacent Water Quality Limited streams
	Only portions of stream are modified	Adjacent land is mostly developed
	10-25% of stream has instream structures	Warmwater fish present in stream
Result:	**Wetland's water-quality function is intact**	
Rationale:	Primary water source is surface flow	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	Dominated by woody vegetation
	Wetland floods/ponds in growing season	Agriculture downslope of wetland
	Water has unrestricted flow out of wetland	Development upslope of wetland
Result:	**Wetland is potentially sensitive to future impacts**	
Rationale:	Stream modified or isolated wetland	Adjacent land is mostly developed
	Water not taken out	Adjacent zoning is primarily development
	No adjacent Water Quality Limited streams	Dominated by woody vegetation
Result:	**Wetland has high enhancement potential**	
Rationale:	Wetland functions are impacted or degraded	Wetland is between 0.5 and 5 acres
	Primary water source is surface flow	Wetland buffer is between 10% and 40%
	Flow into wetland is not restricted	Potentially sensitive to future impacts
Result:	**Wetland has potential for educational use**	
Rationale:	Wetland access by landowner permission	No access point to wetland exists
	No visible hazards to public	Wetland is limited mobility accessible
	Other habitats can be observed not accessed	
Result:	**Wetland is not appropriate or does not provide rec. opportunities**	
Rationale:	No access point to wetland exists	Wetland provides habitat for some wildlife
	No boat launching can be developed	No fishing is allowed
	No trails or viewing areas exist	No hunting is allowed
Result:	**Wetland is considered to be pleasing**	
Rationale:	More than two Cowardin classes are visible	Wetland surrounded by landscaped areas
	25 - 50% of wetland can be seen	Natural odors present at wetland
	No visual detractors are present	Some traffic and natural noises are present

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	North Albany LWI	**Wetland:**	**HRS-11A**
Project Location:	Benton County	**Wetland Type(s):**	PEM, PSS

Date(s) of field work:	5/12/00	**Approx. Area (acres):**	1.32
Onsite Assessment?:	No	**Investigator(s):**	PF, FS
Wetland Location:	East of Crocker Lane, north of Meadow Wood 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	**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	**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	**B**
Q-2	**B**	Q-2	**A**	Q-2	**C**	Q-2	**A**
Q-3		Q-3	**B**	Q-3	**C**	Q-3	**A**
Q-4	**B**	Q-4	**B**	Q-4	**B**	Q-4	**B**
Q-5B	**B**	Q-5	**C**	Q-5	**B**	Q-5	**A**
Q-6	**B**	Q-6	**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:	North Albany LWI	**Wetland:**	**HRS-11A**
Location:	Benton County	**Approx. Area (acres):**	1.32
Date:	5/12/00	**Wetland Types(s):**	PEM, PSS

Result:	**Wetland provides habitat for some wildlife species**	
Rationale:	More than one Cowardin class	No adjacent Water Quality limited streams
	Herbaceous vegetation, no ponding	Adjacent land is mostly developed
	Less than 0.5 acres of open water	Wetland buffer is between 10% and 40%
Result:	**Fish habitat was not assessed for this wetland**	
Rationale:		
Result:	**Wetland's water-quality function is impacted or degraded**	
Rationale:	Primary water source is groundwater	Surface water connection to other wetlands
	Wetland floods/ponds in growing season	Adjacent land is mostly developed
	High wetland vegetation cover	No adjacent Water Quality Limited streams
Result:	**Wetland's hydrologic control 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 groundwater	Wetland buffer is between 10% and 40%
	Water flow is permanently restricted	Potentially sensitive to future impacts
Result:	**Wetland site is not appropriate for educational use**	
Rationale:	No access allowed to wetland	No access point to wetland exists
	No visible hazards to public	Wetland is limited mobility accessible
	Other habitats can be observed not accessed	
Result:	**Wetland is not appropriate or does not provide rec. opportunities**	
Rationale:	No access point to wetland exists	Wetland provides habitat for some wildlife
	No boat launching can be developed	No fishing is allowed
	No trails or viewing areas exist	No hunting is allowed
Result:	**Wetland is considered to be pleasing**	
Rationale:	Two Cowardin classes visible	Wetland surrounded by landscaped areas
	>50% of wetland can be seen	Natural odors present at wetland
	No visual detractors are present	Some traffic and natural noises are present

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	North Albany LWI	**Wetland:**	**HRS-11B**
Project Location:	Benton County	**Wetland Type(s):**	PEM

Date(s) of field work:	5/12/00	**Approx. Area (acres):**	4.01
Onsite Assessment?:	Yes	**Investigator(s):**	PF, FS
Wetland Location:	East of Crocker Lane, south of Meadow Wood 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	A
Q-2	C	Q-2		Q-2	A	Q-2	A	Q-2	B
Q-3	C	Q-3		Q-3	B	Q-3	B	Q-3	C
Q-4	C	Q-4		Q-4	B	Q-4	C	Q-4	B
Q-5	A	Q-5		Q-5	B	Q-5	C	Q-5	A
Q-6	A	Q-6		Q-6	C	Q-6	B	Q-6	C
Q-7	A					Q-7	A		
Q-8	B								
Q-9A									
Q-9B	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	A	Q-2	C	Q-2	C	Q-2	A
Q-3	A	Q-3	B	Q-3	C	Q-3	C
Q-4	B	Q-4	B	Q-4	B	Q-4	B
Q-5B	C	Q-5	C	Q-5	B	Q-5	A
Q-6	B	Q-6	B	Q-6	B	Q-6	A

Results:

Enhancement Potential	Wetland has 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:	North Albany LWI	**Wetland:**	**HRS-11B**
Location:	Benton County	**Approx. Area (acres):**	4.01
Date:	5/12/00	**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 surface flow	Surface water connection to other wetlands
	Wetland floods/ponds in growing season	Adjacent land use is primarily agriculture
	Moderate vegetation cover	No adjacent Water Quality Limited streams
Result:	**Wetland's hydrologic control is impacted or degraded**	
Rationale:	Wetland is not within 100 year floodplain	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 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 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
	Other habitats can be observed not accessed	
Result:	**Wetland is not appropriate or does not provide rec. opportunities**	
Rationale:	No access point to wetland exists	Wetland provides habitat for some wildlife
	No boat launching can be developed	No fishing is allowed
	No trails or viewing areas exist	No hunting is allowed
Result:	**Wetland is not aesthetically pleasing**	
Rationale:	One Cowardin class is visible	Wetland surrounded by landscaped areas
	>50% of wetland can be seen	Natural odors present at wetland
	Visual detractors present, can't be removed	Some traffic and natural noises are present

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	North Albany LWI	**Wetland:**	**HRS-11C**
Project Location:	Benton County	**Wetland Type(s):**	PEM

Date(s) of field work:	5/12/00	**Approx. Area (acres):**	7.53
Onsite Assessment?:	Yes	**Investigator(s):**	PF, FS
Wetland Location:	East of Crocker Lane, south of Meadow Wood 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	**A**	Q-1	**A**	Q-1	**B**	Q-1	**A**
Q-2	**C**	Q-2	**A**	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	**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	**A**								

Results:

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

Function and Condition Assessment Answers:

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

Oregon Freshwater Wetland Assessment Methodology
Functions and Conditions Summary Sheet

Project:	North Albany LWI	**Wetland:**	**HRS-11C**
Location:	Benton County	**Approx. Area (acres):**	7.53
Date:	5/12/00	**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:	**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	Warmwater fish present in stream
Result:	**Wetland's water-quality function is impacted or degraded**	
Rationale:	Primary water source is surface flow	Wetland is more than 5 acres in size
	Wetland floods/ponds in growing season	Adjacent land 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 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 not limited mobility accessible
	Other habitats can be observed not accessed	
Result:	**Wetland is not appropriate or does not provide rec. opportunities**	
Rationale:	No access point to wetland exists	Wetland provides habitat for some wildlife
	No boat launching can be developed	No fishing is allowed
	No trails or viewing areas exist	No hunting is allowed
Result:	**Wetland is considered to be moderately pleasing**	
Rationale:	One Cowardin class is visible	Wetland surrounded by natural areas
	25 - 50% of wetland can be seen	Natural odors present at wetland
	Visual detractors present, can be removed	Some traffic and natural noises are present

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	North Albany LWI	**Wetland:**	**HRS-11D**
Project Location:	Benton County	**Wetland Type(s):**	PEM

Date(s) of field work:	7/20/00	**Approx. Area (acres):**	0.22
Onsite Assessment?:	Yes	**Investigator(s):**	PF, CR
Wetland Location:	East of Crocker Lane, north of 20th Place		

Function and Condition Assessment Answers:

Wildlife Habitat		Fish Habitat		Water Quality		Hydrologic Control		Sensitivity to Impact	
Q	A	Q	A	Q	A	Q	A	Q	A
Q-1	C	Q-1		Q-1	C	Q-1	B	Q-1	A
Q-2	C	Q-2		Q-2	B	Q-2	B	Q-2	B
Q-3	C	Q-3		Q-3	A	Q-3	C	Q-3	C
Q-4	C	Q-4		Q-4	B	Q-4	C	Q-4	A
Q-5	A	Q-5		Q-5	A	Q-5	C	Q-5	A
Q-6	A	Q-6		Q-6	C	Q-6	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 is impacted or degraded
Sensitivity to Impact	Wetland is potentially sensitive to future impacts

Function and Condition Assessment Answers:

Enhancement Potential		Education		Recreation		Aesthetic Quality	
Q	A	Q	A	Q	A	Q	A
Q-1	A	Q-1	C	Q-1	C	Q-1	C
Q-2	B	Q-2	A	Q-2	C	Q-2	A
Q-3		Q-3	B	Q-3	B	Q-3	B
Q-4	C	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:	North Albany LWI	**Wetland:**	**HRS-11D**
Location:	Benton County	**Approx. Area (acres):**	0.22
Date:	7/20/00	**Wetland Types(s):**	PEM

Result:	**Wetland provides habitat for some wildlife species**	
Rationale:	One Class with less than 5 species	No adjacent Water Quality limited streams
	Herbaceous vegetation, no ponding	Adjacent land is mostly developed
	Less than 0.5 acres of open water	Wetland buffer is less than 10%
Result:	**Fish habitat was not assessed for this wetland**	
Rationale:		
Result:	**Wetland's water-quality function is impacted or degraded**	
Rationale:	Primary water source is groundwater	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 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 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 limited mobility accessible
	Other habitats can be observed not accessed	
Result:	**Wetland is not appropriate or does not provide rec. opportunities**	
Rationale:	No access point to wetland exists	Wetland provides habitat for some wildlife
	No boat launching can be developed	No fishing is allowed
	Unmaintained trails, viewing areas exist	No hunting is allowed
Result:	**Wetland is considered to be pleasing**	
Rationale:	One Cowardin class is visible	Wetland surrounded by landscaped areas
	>50% of wetland can be seen	Natural odors present at wetland
	Visual detractors present, can be removed	Some traffic and natural noises are present

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	North Albany LWI	**Wetland:**	**HRS-11E**
Project Location:	Benton County	**Wetland Type(s):**	PEM

Date(s) of field work:	7/20/00	**Approx. Area (acres):**	0.27
Onsite Assessment?:	Yes	**Investigator(s):**	PF, CR
Wetland Location:	East of Crocker Lane, south of 20th Place		

Function and Condition Assessment Answers:

Wildlife Habitat		Fish Habitat		Water Quality		Hydrologic Control		Sensitivity to Impact	
Q	A	Q	A	Q	A	Q	A	Q	A
Q-1	C	Q-1		Q-1	C	Q-1	B	Q-1	A
Q-2	C	Q-2		Q-2	B	Q-2	B	Q-2	B
Q-3	C	Q-3		Q-3	A	Q-3	C	Q-3	C
Q-4	C	Q-4		Q-4	B	Q-4	C	Q-4	A
Q-5	A	Q-5		Q-5	A	Q-5	C	Q-5	A
Q-6	A	Q-6		Q-6	C	Q-6	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 is impacted or degraded
Sensitivity to Impact	Wetland is potentially sensitive to future impacts

Function and Condition Assessment Answers:

Enhancement Potential		Education		Recreation		Aesthetic Quality	
Q	A	Q	A	Q	A	Q	A
Q-1	A	Q-1	C	Q-1	C	Q-1	C
Q-2	B	Q-2	A	Q-2	C	Q-2	A
Q-3		Q-3	B	Q-3	B	Q-3	B
Q-4	C	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:	North Albany LWI	**Wetland:**	**HRS-11E**
Location:	Benton County	**Approx. Area (acres):**	0.27
Date:	7/20/00	**Wetland Types(s):**	PEM

Result:	**Wetland provides habitat for some wildlife species**	
Rationale:	One Class with less than 5 species	No adjacent Water Quality limited streams
	Herbaceous vegetation, no ponding	Adjacent land is mostly developed
	Less than 0.5 acres of open water	Wetland buffer is less than 10%
Result:	**Fish habitat was not assessed for this wetland**	
Rationale:		
Result:	**Wetland's water-quality function is impacted or degraded**	
Rationale:	Primary water source is groundwater	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 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 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 limited mobility accessible
	Other habitats can be observed not accessed	
Result:	**Wetland is not appropriate or does not provide rec. opportunities**	
Rationale:	No access point to wetland exists	Wetland provides habitat for some wildlife
	No boat launching can be developed	No fishing is allowed
	Unmaintained trails, viewing areas exist	No hunting is allowed
Result:	**Wetland is considered to be pleasing**	
Rationale:	One Cowardin class is visible	Wetland surrounded by landscaped areas
	>50% of wetland can be seen	Natural odors present at wetland
	Visual detractors present, can be removed	Some traffic and natural noises are present

Oregon Freshwater Wetland Assessment Methodology

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Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	North Albany LWI	**Wetland:**	**HRS-11F**
Project Location:	Benton County	**Wetland Type(s):**	PEM

Date(s) of field work:	7/20/00	**Approx. Area (acres):**	0.04
Onsite Assessment?:	Yes	**Investigator(s):**	PF, CR
Wetland Location:	East of Crocker Lane, north of 20th Place		

Function and Condition Assessment Answers:

Wildlife Habitat		Fish Habitat		Water Quality		Hydrologic Control		Sensitivity to Impact	
Q	A	Q	A	Q	A	Q	A	Q	A
Q-1	B	Q-1		Q-1	A	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	C	Q-3	C
Q-4	C	Q-4		Q-4	B	Q-4	C	Q-4	B
Q-5	A	Q-5		Q-5	B	Q-5	C	Q-5	A
Q-6	A	Q-6		Q-6	C	Q-6	B	Q-6	C
Q-7	A					Q-7	A		
Q-8	B								
Q-9A									
Q-9B	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	B	Q-3	A
Q-4	C	Q-4	B	Q-4	B	Q-4	A
Q-5B	A	Q-5	C	Q-5	B	Q-5	A
Q-6	B	Q-6	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:	North Albany LWI	**Wetland:**	**HRS-11F**
Location:	Benton County	**Approx. Area (acres):**	0.04
Date:	7/20/00	**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 surface flow	Surface water connection to other wetlands
	Can't determine if wetland floods or ponds	Adjacent land use is primarily agriculture
	High wetland vegetation cover	No adjacent Water Quality Limited streams
Result:	**Wetland's hydrologic control is impacted or degraded**	
Rationale:	Wetland is 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 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 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
	Unmaintained trails, viewing areas exist	No hunting is allowed
Result:	**Wetland is considered to be pleasing**	
Rationale:	Two Cowardin classes visible	Wetland surrounded by natural areas
	>50% of wetland can be seen	Natural odors present at wetland
	No visual detractors are present	Some traffic and natural noises are present

Oregon Freshwater Wetland Assessment Methodology

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Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	North Albany LWI	**Wetland:**	**HRS-11G**
Project Location:	Benton County	**Wetland Type(s):**	PAB, PSS

Date(s) of field work:	7/20/00	**Approx. Area (acres):**	0.16
Onsite Assessment?:	Yes	**Investigator(s):**	PF, CR
Wetland Location:	East of Crocker Lane, south of 20th Place		

Function and Condition Assessment Answers:

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

Results:

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

Function and Condition Assessment Answers:

Enhancement Potential		Education		Recreation		Aesthetic Quality	
Q	A	Q	A	Q	A	Q	A
Q-1	A	Q-1	C	Q-1	C	Q-1	B
Q-2	A	Q-2	B	Q-2	C	Q-2	A
Q-3	A	Q-3	B	Q-3	B	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	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:	North Albany LWI	**Wetland:**	**HRS-11G**
Location:	Benton County	**Approx. Area (acres):**	0.16
Date:	7/20/00	**Wetland Types(s):**	PAB, PSS

Result:	**Wetland provides habitat for some wildlife species**	
Rationale:	More than one Cowardin class	No adjacent Water Quality limited streams
	Herbaceous vegetation & ponding	Adjacent land is mostly developed
	Less than 0.5 acres of open water	Wetland buffer is between 10% and 40%
Result:	**Wetland's fish habitat function is impacted or degraded**	
Rationale:	Less than 25% of stream is shaded	No adjacent Water Quality Limited streams
	Only portions of stream are modified	Adjacent land is mostly developed
	<10% of stream has instream structures	Warmwater fish present in stream
Result:	**Wetland's water-quality function is impacted or degraded**	
Rationale:	Primary water source is surface flow	Surface water connection to other wetlands
	Wetland floods/ponds in growing season	Adjacent land is mostly developed
	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	Development upslope of wetland
Result:	**Wetland is potentially sensitive to future impacts**	
Rationale:	Stream modified or isolated wetland	Adjacent land is mostly developed
	Water not taken out	Adjacent zoning is primarily development
	No adjacent Water Quality Limited streams	Herbaceous vegetation & ponding
Result:	**Wetland has high enhancement potential**	
Rationale:	Wetland functions are impacted or degraded	Wetland is 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
	1 or 2 visible safety hazards	Wetland is limited mobility accessible
	Other habitats can be observed not accessed	
Result:	**Wetland is not appropriate or does not provide rec. opportunities**	
Rationale:	No access point to wetland exists	Wetland provides habitat for some wildlife
	No boat launching can be developed	No fishing is allowed
	Unmaintained trails, viewing areas exist	No hunting is allowed
Result:	**Wetland is 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

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Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	North Albany LWI	**Wetland:**	**HRS-11H**
Project Location:	Benton County	**Wetland Type(s):**	PEM

Date(s) of field work:	5/26/00	**Approx. Area (acres):**	0.02
Onsite Assessment?:	Yes	**Investigator(s):**	FS, CR
Wetland Location:	Riverview Park, north of Critenden Loop, east of Crocker Lane		

Function and Condition Assessment Answers:

Wildlife Habitat		Fish Habitat		Water Quality		Hydrologic Control		Sensitivity to Impact	
Q	A	Q	A	Q	A	Q	A	Q	A
Q-1	C	Q-1		Q-1	C	Q-1	B	Q-1	A
Q-2	C	Q-2		Q-2	A	Q-2	A	Q-2	B
Q-3	C	Q-3		Q-3	A	Q-3	C	Q-3	C
Q-4	C	Q-4		Q-4	B	Q-4	C	Q-4	A
Q-5	A	Q-5		Q-5	A	Q-5	C	Q-5	A
Q-6	A	Q-6		Q-6	C	Q-6	A	Q-6	C
Q-7	A					Q-7	A		
Q-8	C								
Q-9A									
Q-9B	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	B	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	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:	North Albany LWI	**Wetland:**	**HRS-11H**
Location:	Benton County	**Approx. Area (acres):**	0.02
Date:	5/26/00	**Wetland Types(s):**	PEM

Result:	**Wetland provides habitat for some wildlife species**	
Rationale:	One Class with less than 5 species	No adjacent Water Quality limited streams
	Herbaceous vegetation, no ponding	Adjacent land is mostly developed
	Less than 0.5 acres of open water	Wetland buffer is less than 10%
Result:	**Fish habitat was not assessed for this wetland**	
Rationale:		
Result:	**Wetland's water-quality function is impacted or degraded**	
Rationale:	Primary water source is groundwater	Surface water connection to other wetlands
	Wetland floods/ponds in growing season	Adjacent land is mostly developed
	High wetland vegetation cover	No adjacent Water Quality Limited streams
Result:	**Wetland's hydrologic control is impacted or degraded**	
Rationale:	Wetland is not within 100 year floodplain	Herbaceous vegetation, no ponding
	Wetland floods/ponds in growing season	Development downslope of wetland
	Water has unrestricted flow out of wetland	Development upslope of wetland
Result:	**Wetland is potentially sensitive to future impacts**	
Rationale:	Stream modified or isolated wetland	Adjacent land is mostly developed
	Water not taken out	Adjacent zoning is primarily development
	No adjacent Water Quality Limited streams	Herbaceous vegetation, no ponding
Result:	**Wetland has moderate potential for enhancement**	
Rationale:	Wetland functions are impacted or degraded	Wetland is less than 0.5 acres
	Primary water source is 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:	One Cowardin class is visible	Wetland surrounded by landscaped areas
	>50% of wetland can be seen	Natural odors present at wetland
	No visual detractors are present	Some traffic and natural noises are present

Oregon Freshwater Wetland Assessment Methodology

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Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	North Albany LWI	**Wetland:**	**HRS-12A**
Project Location:	Benton County	**Wetland Type(s):**	PEM

Date(s) of field work:	5/16/00	**Approx. Area (acres):**	0.48
Onsite Assessment?:	Yes	**Investigator(s):**	PF, CR
Wetland Location:	East of Crocker Lane, north of 21st Ave., south of Meadow Wood		

Function and Condition Assessment Answers:

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

Results:

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

Function and Condition Assessment Answers:

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

Results:

Enhancement Potential	Wetland has 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:	North Albany LWI	**Wetland:**	**HRS-12A**
Location:	Benton County	**Approx. Area (acres):**	0.48
Date:	5/16/00	**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 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	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 high enhancement potential**	
Rationale:	Wetland functions are impacted or degraded	Wetland is less than 0.5 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
	Unmaintained trails, viewing areas exist	No hunting is allowed
Result:	**Wetland is not aesthetically 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't be removed	Some traffic and natural noises are present

Oregon Freshwater Wetland Assessment Methodology

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Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	North Albany LWI	**Wetland:**	**HRS-12B**
Project Location:	Benton County	**Wetland Type(s):**	PEM
Date(s) of field work:	5/16/00	**Approx. Area (acres):**	0.84
Onsite Assessment?:	Yes	**Investigator(s):**	PF, CR
Wetland Location:	East of Crocker Lane, north of 21st Ave., south of Meadow Wood		

Function and Condition Assessment Answers:

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

Results:

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

Function and Condition Assessment Answers:

Enhancement Potential		Education		Recreation		Aesthetic Quality	
Q	A	Q	A	Q	A	Q	A
Q-1	A	Q-1	C	Q-1	C	Q-1	C
Q-2	B	Q-2	A	Q-2	C	Q-2	A
Q-3		Q-3	B	Q-3	B	Q-3	C
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 not aesthetically pleasing

Oregon Freshwater Wetland Assessment Methodology
Functions and Conditions Summary Sheet

Project:	North Albany LWI	**Wetland:**	**HRS-12B**
Location:	Benton County	**Approx. Area (acres):**	0.84
Date:	5/16/00	**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 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	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 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	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
	Unmaintained trails, viewing areas exist	No hunting is allowed
Result:	**Wetland is not aesthetically 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't be removed	Some traffic and natural noises are present

Oregon Freshwater Wetland Assessment Methodology

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Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	North Albany LWI	**Wetland:**	**HRS-13**
Project Location:	Benton County	**Wetland Type(s):**	PEM, PSS

Date(s) of field work:	5/16/00	**Approx. Area (acres):**	0.64
Onsite Assessment?:	Yes	**Investigator(s):**	PF, CR
Wetland Location:	East of Crocker Lane, north of 21st 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	B	Q-1	A
Q-2	C	Q-2		Q-2	A	Q-2	A	Q-2	B
Q-3	B	Q-3		Q-3	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	A		
Q-8	B								
Q-9A									
Q-9B	A								

Results:

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

Function and Condition Assessment Answers:

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

Results:

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

Oregon Freshwater Wetland Assessment Methodology
Functions and Conditions Summary Sheet

Project:	North Albany LWI	**Wetland:**	**HRS-13**
Location:	Benton County	**Approx. Area (acres):**	0.64
Date:	5/16/00	**Wetland Types(s):**	PEM, PSS
Result:	**Wetland provides habitat for some wildlife species**		
Rationale:	More than one Cowardin class	No adjacent Water Quality limited streams	
	Herbaceous vegetation, no ponding	Adjacent land use is primarily agriculture	
	Less than 0.5 acres of open water	Wetland buffer is 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	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 surface flow	Wetland buffer is greater than 40%	
	Flow into wetland is not restricted	Potentially sensitive to future impacts	
Result:	**Wetland site is not appropriate for educational use**		
Rationale:	No access allowed to wetland	No access point to wetland exists	
	No visible hazards to public	Wetland is not limited mobility accessible	
	Other habitats can be observed not accessed		
Result:	**Wetland is not appropriate or does not provide rec. opportunities**		
Rationale:	No access point to wetland exists	Wetland provides habitat for some wildlife	
	No boat launching can be developed	No fishing is allowed	
	No trails or viewing areas exist	No hunting is allowed	
Result:	**Wetland is considered to be moderately pleasing**		
Rationale:	Two Cowardin classes visible	Wetland surrounded by landscaped areas	
	25 - 50% of wetland can be seen	Natural odors present at wetland	
	No visual detractors are present	Some traffic and natural noises are present	

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Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	North Albany LWI	**Wetland:**	**HRS-14**
Project Location:	Benton County	**Wetland Type(s):**	PEM
Date(s) of field work:	5/16/00	**Approx. Area (acres):**	1.06
Onsite Assessment?:	No	**Investigator(s):**	PF, CR
Wetland Location:	North of Cascade Heights Drive, w.edge of Horseshoe 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	B	Q-1	A	Q-1	A	Q-1	A	Q-1	A
Q-2	B	Q-2	B	Q-2	A	Q-2	A	Q-2	B
Q-3	B	Q-3	B	Q-3	A	Q-3	C	Q-3	C
Q-4	A	Q-4	A	Q-4	B	Q-4	B	Q-4	A
Q-5	A	Q-5	C	Q-5	A	Q-5	B	Q-5	A
Q-6	A	Q-6	B	Q-6	C	Q-6	B	Q-6	B
Q-7	A					Q-7	A		
Q-8	C								
Q-9A									
Q-9B	A								

Results:

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

Function and Condition Assessment Answers:

Enhancement Potential		Education		Recreation		Aesthetic Quality	
Q	A	Q	A	Q	A	Q	A
Q-1		Q-1	B	Q-1	C	Q-1	B
Q-2		Q-2	B	Q-2	B	Q-2	A
Q-3	A	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	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 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:	North Albany LWI	**Wetland:**	**HRS-14**
Location:	Benton County	**Approx. Area (acres):**	1.06
Date:	5/16/00	**Wetland Types(s):**	PEM

Result:	**Wetland provides diverse wildlife habitat**	
Rationale:	One Cowardin class with > 5 species	No adjacent Water Quality limited streams
	Herbaceous vegetation & ponding	Adjacent land is mostly developed
	Greater than 1 acre of open water	Wetland buffer is 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
	10-25% of stream has instream structures	Warmwater fish present in stream
Result:	**Wetland's water-quality function is intact**	
Rationale:	Primary water source is surface flow	Surface water connection to other wetlands
	Wetland floods/ponds in growing season	Adjacent land 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 & ponding
	Wetland floods/ponds in growing season	Agriculture downslope of wetland
	Minor restrictions slow down the water	Development upslope of wetland
Result:	**Wetland is potentially sensitive to future impacts**	
Rationale:	Stream modified or isolated wetland	Adjacent land is mostly developed
	Water not taken out	Adjacent zoning is primarily development
	No adjacent Water Quality Limited streams	Herbaceous vegetation & ponding
Result:	**Due to diverse wildlife habitat, this wetland cannot be enhanced**	
Rationale:		
Result:	**Wetland has potential for educational use**	
Rationale:	Wetland access by landowner permission	No access point to wetland exists
	1 or 2 visible safety hazards	Wetland is not limited mobility accessible
	Other habitats can be observed not accessed	
Result:	**Wetland 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:	Two Cowardin classes visible	Wetland surrounded by landscaped areas
	>50% of wetland can be seen	Natural odors present at wetland
	No visual detractors are present	Some traffic and natural noises are present

Oregon Freshwater Wetland Assessment Methodology

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Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	North Albany LWI	**Wetland:**	**SPH-1A**
Project Location:	Benton County	**Wetland Type(s):**	PEM

Date(s) of field work:	6/15/00	**Approx. Area (acres):**	0.66
Onsite Assessment?:	Yes	**Investigator(s):**	JVS, SE
Wetland Location:	Corner of Gibson Hill Road and North Albany 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	C	Q-1	B	Q-1	B
Q-2	B	Q-2		Q-2	A	Q-2	A	Q-2	B
Q-3	C	Q-3		Q-3	A	Q-3	B	Q-3	C
Q-4	C	Q-4		Q-4	B	Q-4	C	Q-4	A
Q-5	A	Q-5		Q-5	A	Q-5	B	Q-5	A
Q-6	A	Q-6		Q-6	C	Q-6	A	Q-6	B
Q-7	A					Q-7	A		
Q-8	C								
Q-9A									
Q-9B	A								

Results:

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

Results:

Enhancement Potential	Wetland has high enhancement potential
Education	Wetland site is not appropriate for educational use
Recreation	Wetland has the potential to provide recreational activities
Aesthetic Quality	Wetland is not aesthetically pleasing

Oregon Freshwater Wetland Assessment Methodology
Functions and Conditions Summary Sheet

Project:	North Albany LWI	**Wetland:**	**SPH-1A**
Location:	Benton County	**Approx. Area (acres):**	0.66
Date:	6/15/00	**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 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 mostly developed
	High wetland vegetation cover	No adjacent Water Quality Limited streams
Result:	**Wetland's hydrologic control is impacted or degraded**	
Rationale:	Wetland is not within 100 year floodplain	Herbaceous vegetation & ponding
	Wetland floods/ponds in growing season	Development downslope of wetland
	Water has unrestricted flow out of wetland	Development upslope of wetland
Result:	**Wetland is potentially sensitive to future impacts**	
Rationale:	Stream not modified	Adjacent land is mostly developed
	Water not taken out	Adjacent zoning is primarily development
	No adjacent Water Quality Limited streams	Herbaceous vegetation & ponding
Result:	**Wetland has high enhancement potential**	
Rationale:	Wetland functions are impacted or degraded	Wetland is between 0.5 and 5 acres
	Primary water source is groundwater	Wetland buffer is 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
	1 or 2 visible safety hazards	Wetland is not limited mobility accessible
	Other habitats can be observed not accessed	
Result:	**Wetland has the potential to provide recreational activities**	
Rationale:	Unmaintained public access within 250 feet	Wetland provides habitat for some wildlife
	No boat launching can be developed	No fishing is allowed
	No trails or viewing areas exist	No hunting is allowed
Result:	**Wetland is not aesthetically pleasing**	
Rationale:	One Cowardin class is visible	Wetland surrounded by landscaped areas
	>50% of wetland can be seen	Unpleasant odors are present sometimes
	Visual detractors present, can't be removed	Continuous traffic and natural noises occur

Oregon Freshwater Wetland Assessment Methodology

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Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	North Albany LWI	**Wetland:**	**SPH-1B**
Project Location:	Benton County	**Wetland Type(s):**	PSS, PFO
Date(s) of field work:	6/2/00	**Approx. Area (acres):**	0.55
Onsite Assessment?:	Yes	**Investigator(s):**	PF, SE
Wetland Location:	West edge of North Albany Road at Gibson Hill Road		

Function and Condition Assessment Answers:

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

Results:

Wildlife Habitat	Wetland provides habitat for some wildlife species
Fish Habitat	Wetland's fish habitat function is impacted or degraded
Water Quality	Wetland's water-quality function is 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	**B**	Q-2	**C**	Q-2	**A**
Q-3	**A**	Q-3	**B**	Q-3	**C**	Q-3	**A**
Q-4	**B**	Q-4	**B**	Q-4	**B**	Q-4	**A**
Q-5B	**A**	Q-5	**C**	Q-5	**B**	Q-5	**B**
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:	North Albany LWI	**Wetland:**	**SPH-1B**
Location:	Benton County	**Approx. Area (acres):**	0.55
Date:	6/2/00	**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	Surface water connection to other wetlands
	Can't determine if wetland floods or ponds	Adjacent land is mostly developed
	High wetland vegetation cover	No adjacent Water Quality Limited streams
Result:	**Wetland's hydrologic control is impacted or degraded**	
Rationale:	Wetland is not within 100 year floodplain	Dominated by woody vegetation
	Can't determine if wetland floods or ponds	Development downslope of wetland
	Water has unrestricted flow out of wetland	Development upslope of wetland
Result:	**Wetland is potentially sensitive to future impacts**	
Rationale:	Stream modified or isolated wetland	Adjacent land is mostly developed
	Water not taken out	Adjacent zoning is primarily development
	No adjacent Water Quality Limited streams	Dominated by woody vegetation
Result:	**Wetland has high enhancement potential**	
Rationale:	Wetland functions are impacted or degraded	Wetland is between 0.5 and 5 acres
	Primary water source is surface flow	Wetland buffer is greater than 40%
	Flow into wetland is not restricted	Potentially sensitive to future impacts
Result:	**Wetland site is not appropriate for educational use**	
Rationale:	No access allowed to wetland	No access point to wetland exists
	1 or 2 visible safety hazards	Wetland is not limited mobility accessible
	Other habitats can be observed not accessed	
Result:	**Wetland is not appropriate or does not provide rec. opportunities**	
Rationale:	No access point to wetland exists	Wetland provides habitat for some wildlife
	No boat launching can be developed	No fishing is allowed
	No trails or viewing areas exist	No hunting is allowed
Result:	**Wetland is considered to be pleasing**	
Rationale:	Two Cowardin classes visible	Wetland surrounded by natural areas
	>50% of wetland can be seen	Unpleasant odors are present sometimes
	No visual detractors are present	Some traffic and natural noises are present

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	North Albany LWI	**Wetland:**	**SPH-2A**
Project Location:	Benton County	**Wetland Type(s):**	PEM
Date(s) of field work:	7/13/00	**Approx. Area (acres):**	0.11
Onsite Assessment?:	Yes	**Investigator(s):**	CR, SE
Wetland Location:	North of West Thornton Lake Drive, West of North Albany Road		

Function and Condition Assessment Answers:

Wildlife Habitat		Fish Habitat		Water Quality		Hydrologic Control		Sensitivity to Impact	
Q	A	Q	A	Q	A	Q	A	Q	A
Q-1	C	Q-1		Q-1	C	Q-1	A	Q-1	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	A
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	A	Q-6	B	Q-6	C
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 sensitive 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	B	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	B
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 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:	North Albany LWI	**Wetland:**	**SPH-2A**
Location:	Benton County	**Approx. Area (acres):**	0.11
Date:	7/13/00	**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 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	Isolated from other wetlands
	Wetland floods/ponds in growing season	Adjacent land is mostly developed
	Moderate vegetation cover	Adjacent Water Quality Limited stream
Result:	**Wetland's hydrologic control is impacted or degraded**	
Rationale:	Wetland is within 100 year floodplain	Herbaceous vegetation, no ponding
	Wetland floods/ponds in growing season	Agriculture 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 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 less than 0.5 acres
	Primary water source is groundwater	Wetland buffer is greater than 40%
	Water flow is permanently restricted	Wetland is 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
	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

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	North Albany LWI	**Wetland:**	**SPH-2B**
Project Location:	Benton County	**Wetland Type(s):**	PEM
Date(s) of field work:	7/13/00	**Approx. Area (acres):**	0.09
Onsite Assessment?:	Yes	**Investigator(s):**	CR, SE
Wetland Location:	North of West Thornton Lake Drive, West of North Albany Road		

Function and Condition Assessment Answers:

Wildlife Habitat		Fish Habitat		Water Quality		Hydrologic Control		Sensitivity to Impact	
Q	A	Q	A	Q	A	Q	A	Q	A
Q-1	C	Q-1		Q-1	C	Q-1	A	Q-1	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	A
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	A	Q-6	B	Q-6	C
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 sensitive 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	B	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	B
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 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:	North Albany LWI	**Wetland:**	**SPH-2B**
Location:	Benton County	**Approx. Area (acres):**	0.09
Date:	7/13/00	**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 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 mostly developed
	Moderate vegetation cover	Adjacent Water Quality Limited stream
Result:	**Wetland's hydrologic control is impacted or degraded**	
Rationale:	Wetland is within 100 year floodplain	Herbaceous vegetation, no ponding
	Wetland floods/ponds in growing season	Agriculture 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 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 less than 0.5 acres
	Primary water source is groundwater	Wetland buffer is greater than 40%
	Water flow is permanently restricted	Wetland is 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
	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

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	North Albany LWI	**Wetland:**	**SPH-2C**
Project Location:	Benton County	**Wetland Type(s):**	PSS

Date(s) of field work:	7/13/00	**Approx. Area (acres):**	0.06
Onsite Assessment?:	Yes	**Investigator(s):**	CR, SE
Wetland Location:	North of West Thornton Lake Drive, West of North Albany Road		

Function and Condition Assessment Answers:

Wildlife Habitat		Fish Habitat		Water Quality		Hydrologic Control		Sensitivity to Impact	
Q	A	Q	A	Q	A	Q	A	Q	A
Q-1	C	Q-1		Q-1	C	Q-1	A	Q-1	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	C	Q-3	A
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	A	Q-6	B	Q-6	C
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 sensitive to future impacts

Function and Condition Assessment Answers:

Enhancement Potential		Education		Recreation		Aesthetic Quality	
Q	A	Q	A	Q	A	Q	A
Q-1	A	Q-1	C	Q-1	C	Q-1	B
Q-2	B	Q-2	A	Q-2	C	Q-2	A
Q-3		Q-3	B	Q-3	C	Q-3	A
Q-4	C	Q-4	B	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 pleasing

Oregon Freshwater Wetland Assessment Methodology
Functions and Conditions Summary Sheet

Project:	North Albany LWI	**Wetland:**	**SPH-2C**
Location:	Benton County	**Approx. Area (acres):**	0.06
Date:	7/13/00	**Wetland Types(s):**	PSS

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 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	Isolated from 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 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 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 less than 0.5 acres
	Primary water source is groundwater	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
	Other habitats can be observed not accessed	
Result:	**Wetland is not appropriate or does not provide rec. opportunities**	
Rationale:	No access point to wetland exists	Wetland provides habitat for some wildlife
	No boat launching can be developed	No fishing is allowed
	No trails or viewing areas exist	No hunting is allowed
Result:	**Wetland is considered to be pleasing**	
Rationale:	Two Cowardin classes visible	Wetland surrounded by landscaped areas
	>50% of wetland can be seen	Natural odors present at wetland
	No visual detractors are present	Some traffic and natural noises are present

Oregon Freshwater Wetland Assessment Methodology

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Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	North Albany LWI	**Wetland:**	**SPH-3**
Project Location:	Benton County	**Wetland Type(s):**	PFO
Date(s) of field work:	6/15/00	**Approx. Area (acres):**	1.05
Onsite Assessment?:	Yes	**Investigator(s):**	JVS, SE, PF
Wetland Location:	South of Quarry Road, north of North Albany Middle 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		Q-1	**A**	Q-1	**A**	Q-1	**A**
Q-2	**A**	Q-2		Q-2	**A**	Q-2	**A**	Q-2	**B**
Q-3	**A**	Q-3		Q-3	**A**	Q-3	**B**	Q-3	**C**
Q-4	**C**	Q-4		Q-4	**B**	Q-4	**A**	Q-4	**A**
Q-5	**B**	Q-5		Q-5	**A**	Q-5	**A**	Q-5	**A**
Q-6	**A**	Q-6		Q-6	**C**	Q-6	**A**	Q-6	**A**
Q-7	**A**					Q-7	**A**		
Q-8	**C**								
Q-9A									
Q-9B	**B**								

Results:

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

Function and Condition Assessment Answers:

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

Results:

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

Oregon Freshwater Wetland Assessment Methodology
Functions and Conditions Summary Sheet

Project:	North Albany LWI	**Wetland:**	**SPH-3**
Location:	Benton County	**Approx. Area (acres):**	1.05
Date:	6/15/00	**Wetland Types(s):**	PFO

Result:	**Wetland provides habitat for some wildlife species**	
Rationale:	More than one Cowardin class	No adjacent Water Quality limited streams
	Dominated by woody vegetation	Adjacent land is mostly developed
	Less than 0.5 acres of open water	Wetland buffer is between 10% and 40%
Result:	**Fish habitat was not assessed for this wetland**	
Rationale:		
Result:	**Wetland's water-quality function is 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
	Flow out of wetland is restricted	Development upslope of wetland
Result:	**Wetland is potentially sensitive to future impacts**	
Rationale:	Stream modified or isolated wetland	Adjacent land is mostly developed
	Water not taken out	Adjacent zoning is primarily development
	No adjacent Water Quality Limited streams	Dominated by woody vegetation
Result:	**Wetland has 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 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
	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:	One Cowardin class is visible	Wetland surrounded by landscaped areas
	>50% of wetland can be seen	Natural odors present at wetland
	No visual detractors are present	Some traffic and natural noises are present

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Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	North Albany LWI	**Wetland:**	**SPH-4**
Project Location:	Benton County	**Wetland Type(s):**	PEM

Date(s) of field work:	6/23/00	**Approx. Area (acres):**	3.48
Onsite Assessment?:	Partial	**Investigator(s):**	PF, SE
Wetland Location:	South of Quarry Road, east of North Albany Middle 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	B	Q-1		Q-1	C	Q-1	A	Q-1	B
Q-2	C	Q-2		Q-2	A	Q-2	A	Q-2	B
Q-3	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	A	Q-6		Q-6	C	Q-6	B	Q-6	C
Q-7	A					Q-7	A		
Q-8	C								
Q-9A									
Q-9B	C								

Results:

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

Function and Condition Assessment Answers:

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

Results:

Enhancement Potential	Wetland has 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:	North Albany LWI	**Wetland:**	**SPH-4**
Location:	Benton County	**Approx. Area (acres):**	3.48
Date:	6/23/00	**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 groundwater	Surface water connection to other wetlands
	Wetland floods/ponds in growing season	Adjacent land is mostly developed
	High wetland vegetation cover	No adjacent Water Quality Limited streams
Result:	**Wetland's hydrologic control 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 not modified	Adjacent land is mostly developed
	Water not taken out	Adjacent zoning is primarily development
	No adjacent Water Quality Limited streams	Herbaceous vegetation, no ponding
Result:	**Wetland has high enhancement potential**	
Rationale:	Wetland functions are impacted or degraded	Wetland is between 0.5 and 5 acres
	Primary water source is groundwater	Wetland buffer is 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
	Unmaintained trails, viewing areas exist	No hunting is allowed
Result:	**Wetland is considered to be moderately pleasing**	
Rationale:	One Cowardin class is visible	Wetland surrounded by landscaped areas
	25 - 50% of wetland can be seen	Natural odors present at wetland
	Visual detractors present, can be removed	Some traffic and natural noises are present

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	North Albany LWI	**Wetland:**	**THO-1A**
Project Location:	Benton County	**Wetland Type(s):**	PFO

Date(s) of field work:	6/23/00	**Approx. Area (acres):**	0.06
Onsite Assessment?:	Yes	**Investigator(s):**	PF, SE
Wetland Location:	South of 13th Avenue, east of Springhill 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	C	Q-1	A	Q-1	A
Q-2	A	Q-2		Q-2	B	Q-2	B	Q-2	B
Q-3	B	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	A	Q-5	A
Q-6	B	Q-6		Q-6	C	Q-6	B	Q-6	A
Q-7	A					Q-7	A		
Q-8	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 lost or not present
Hydrologic Control	Wetland's hydrologic control is impacted or degraded
Sensitivity to Impact	Wetland is potentially sensitive to future impacts

Function and Condition Assessment Answers:

Enhancement Potential		Education		Recreation		Aesthetic Quality	
Q	A	Q	A	Q	A	Q	A
Q-1	A	Q-1	C	Q-1	C	Q-1	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	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	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:	North Albany LWI	**Wetland:**	**THO-1A**
Location:	Benton County	**Approx. Area (acres):**	0.06
Date:	6/23/00	**Wetland Type(s):**	PFO

Result:	**Wetland provides habitat for some wildlife species**	
Rationale:	One Cowardin class with > 5 species	No adjacent Water Quality limited streams
	Dominated by woody vegetation	Adjacent land use is primarily agriculture
	Less than 0.5 acres of open water	Wetland buffer is between 10% and 40%
Result:	**Fish habitat was not assessed for this wetland**	
Rationale:		
Result:	**Wetland's water-quality function is lost or not present**	
Rationale:	Primary water source is groundwater	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	Dominated by woody vegetation
	Can't determine if wetland floods or ponds	Agriculture downslope of wetland
	Water has unrestricted flow out of wetland	Development upslope of wetland
Result:	**Wetland is potentially sensitive to future impacts**	
Rationale:	Stream modified or isolated wetland	Adjacent land 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 less than 0.5 acres
	Primary water source is groundwater	Wetland buffer is between 10% and 40%
	Water flow is permanently restricted	Potentially sensitive to future impacts
Result:	**Wetland site is not appropriate for educational use.**	
Rationale:	No access allowed to wetland	No access point to wetland exists
	No visible hazards to public	Wetland is limited mobility accessible
	Other habitats can be observed not accessed	
Result:	**Wetland is not appropriate or does not provide rec. opportunities**	
Rationale:	No access point to wetland exists	Wetland provides habitat for some wildlife
	No boat launching can be developed	No fishing is allowed
	No trails or viewing areas exist	No hunting is allowed
Result:	**Wetland is considered to be pleasing**	
Rationale:	One Cowardin class is visible	Wetland surrounded by landscaped areas
	>50% of wetland can be seen	Natural odors present at wetland
	No visual detractors are present	Some traffic and natural noises are present

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	North Albany LWI	**Wetland:**	**THO-1B**
Project Location:	Benton County	**Wetland Type(s):**	PFO
Date(s) of field work:	6/23/00	**Approx. Area (acres):**	0.14
Onsite Assessment?:	No	**Investigator(s):**	PF, SE
Wetland Location:	North of 13th Avenue, east of Springhill 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	C	Q-1	A	Q-1	A
Q-2	A	Q-2		Q-2	B	Q-2	B	Q-2	B
Q-3	B	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	A	Q-5	A
Q-6	B	Q-6		Q-6	C	Q-6	B	Q-6	A
Q-7	A					Q-7	A		
Q-8	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 lost or not present
Hydrologic Control	Wetland's hydrologic control is impacted or degraded
Sensitivity to Impact	Wetland is potentially sensitive to future impacts

Function and Condition Assessment Answers:

Enhancement Potential		Education		Recreation		Aesthetic Quality	
Q	A	Q	A	Q	A	Q	A
Q-1	A	Q-1	C	Q-1	C	Q-1	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	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	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:	North Albany LWI	**Wetland:**	**THO-1B**
Location:	Benton County	**Approx. Area (acres):**	0.14
Date:	6/23/00	**Wetland Types(s):**	PFO

Result:	**Wetland provides habitat for some wildlife species**	
Rationale:	One Cowardin class with > 5 species	No adjacent Water Quality limited streams
	Dominated by woody vegetation	Adjacent land 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 lost or not present**	
Rationale:	Primary water source is groundwater	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	Dominated by woody vegetation
	Can't determine if wetland floods or ponds	Agriculture downslope of wetland
	Water has unrestricted flow out of wetland	Development upslope of wetland
Result:	**Wetland is potentially sensitive to future impacts**	
Rationale:	Stream modified or isolated wetland	Adjacent land 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 less than 0.5 acres
	Primary water source is groundwater	Wetland buffer is between 10% and 40%
	Water flow is permanently restricted	Potentially sensitive to future impacts
Result:	**Wetland site is not appropriate for educational use**	
Rationale:	No access allowed to wetland	No access point to wetland exists
	No visible hazards to public	Wetland is limited mobility accessible
	Other habitats can be observed not accessed	
Result:	**Wetland is not appropriate or does not provide rec. opportunities**	
Rationale:	No access point to wetland exists	Wetland provides habitat for some wildlife
	No boat launching can be developed	No fishing is allowed
	No trails or viewing areas exist	No hunting is allowed
Result:	**Wetland is considered to be pleasing**	
Rationale:	One Cowardin class is visible	Wetland surrounded by landscaped areas
	>50% of wetland can be seen	Natural odors present at wetland
	No visual detractors are present	Some traffic and natural noises are present

Oregon Freshwater Wetland Assessment Methodology

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Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	North Albany LWI	**Wetland:**	**THO-2**
Project Location:	Benton County	**Wetland Type(s):**	PFO

Date(s) of field work:	6/15/00	**Approx. Area (acres):**	0.05
Onsite Assessment?:	Yes	**Investigator(s):**	JVS, SE
Wetland Location:	West of Springhill Road, north of Green Acres, south of Dogwood		

Function and Condition Assessment Answers:

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

Results:

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

Function and Condition Assessment Answers:

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

Results:

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

Oregon Freshwater Wetland Assessment Methodology
Functions and Conditions Summary Sheet

Project:	North Albany LWI	**Wetland:**	**THO-2**
Location:	Benton County	**Approx. Area (acres):**	0.05
Date:	6/15/00	**Wetland Types(s):**	PFO

Result:	**Wetland provides habitat for some wildlife species**	
Rationale:	One Cowardin class with > 5 species	No adjacent Water Quality limited streams
	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 lost or not present**	
Rationale:	Primary water source is groundwater	Isolated from other wetlands
	Can't determine if wetland floods or ponds	Adjacent land is mostly developed
	Low vegetation cover	No adjacent Water Quality Limited streams
Result:	**Wetland's hydrologic control is impacted or degraded**	
Rationale:	Wetland is within 100 year floodplain	Herbaceous vegetation & 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 & 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 groundwater	Wetland buffer is between 10% and 40%
	Water flow is permanently restricted	Potentially sensitive to future impacts
Result:	**Wetland site is not appropriate for educational use**	
Rationale:	No access allowed to wetland	No access point to wetland exists
	No visible hazards to public	Wetland is limited mobility accessible
	Other habitats can be observed not accessed	
Result:	**Wetland is not appropriate or does not provide rec. opportunities**	
Rationale:	No access point to wetland exists	Wetland provides habitat for some wildlife
	No boat launching can be developed	No fishing is allowed
	Unmaintained trails, viewing areas exist	No hunting is allowed
Result:	**Wetland is considered to be pleasing**	
Rationale:	One Cowardin class is visible	Wetland surrounded by landscaped areas
	>50% of wetland can be seen	Natural odors present at wetland
	No visual detractors are present	Some traffic and natural noises are present

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	North Albany LWI	**Wetland:**	**THO-3A**
Project Location:	Benton County	**Wetland Type(s):**	PSS, PFO

Date(s) of field work:	6/15/00	**Approx. Area (acres):**	1.95
Onsite Assessment?:	Yes	**Investigator(s):**	JVS, SE
Wetland Location:	East of Middle School, north of East Thornton 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	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	A	Q-3	A	Q-3	B	Q-3	C
Q-4	B	Q-4	A	Q-4	B	Q-4	C	Q-4	A
Q-5	A	Q-5	C	Q-5	A	Q-5	A	Q-5	A
Q-6	A	Q-6	B	Q-6	C	Q-6	C	Q-6	A
Q-7	A					Q-7	A		
Q-8	C								
Q-9A									
Q-9B	A								

Results:

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

Function and Condition Assessment Answers:

Enhancement Potential		Education		Recreation		Aesthetic Quality	
Q	A	Q	A	Q	A	Q	A
Q-1		Q-1	A	Q-1	C	Q-1	A
Q-2		Q-2	B	Q-2	C	Q-2	B
Q-3		Q-3	A	Q-3	C	Q-3	A
Q-4		Q-4	B	Q-4	A	Q-4	B
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 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:	North Albany LWI	**Wetland:**	**THO-3A**
Location:	Benton County	**Approx. Area (acres):**	1.95
Date:	6/15/00	**Wetland Types(s):**	PSS, PFO

Result:	**Wetland provides diverse wildlife habitat**	
Rationale:	More than one Cowardin class	No adjacent Water Quality limited streams
	Dominated by woody vegetation	Adjacent land is mostly developed
	Between 0.5 - 1 acre of open water	Wetland buffer is greater than 40%
Result:	**Wetland's fish habitat function is intact**	
Rationale:	50% or more of stream is shaded	No adjacent Water Quality Limited streams
	Stream is in a natural channel	Adjacent land is mostly developed
	>25% of stream has instream structures	Warmwater fish present in stream
Result:	**Wetland's water-quality function is intact**	
Rationale:	Primary water source is surface flow	Surface water connection to other wetlands
	Wetland floods/ponds in growing season	Adjacent land is mostly developed
	High wetland vegetation cover	No adjacent Water Quality Limited streams
Result:	**Wetland's hydrologic control function is intact**	
Rationale:	Wetland is within 100 year floodplain	Dominated by woody vegetation
	Wetland floods/ponds in growing season	Open space downslope of development
	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:	**Due to diverse wildlife habitat, this wetland cannot be enhanced**	
Rationale:		
Result:	**Wetland has potential for educational use**	
Rationale:	Wetland is open to the public	No access point to wetland exists
	1 or 2 visible safety hazards	Wetland is not limited mobility accessible
	Other habitats can be observed not accessed	
Result:	**Wetland is not appropriate or does not provide rec. opportunities**	
Rationale:	No access point to wetland exists	Wetland provides diverse wildlife habitat
	No boat launching can be developed	Fishing is allowed
	No trails or viewing areas exist	No hunting is allowed
Result:	**Wetland is considered to be pleasing**	
Rationale:	More than two Cowardin classes are visible	Wetland surrounded by landscaped areas
	25 - 50% of wetland can be seen	Natural odors present at wetland
	No visual detractors are present	Some traffic and natural noises are present

Oregon Freshwater Wetland Assessment Methodology

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Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	North Albany LWI	**Wetland:**	**THO-3B**
Project Location:	Benton County	**Wetland Type(s):**	PEM, PSS

Date(s) of field work:	6/15/00	**Approx. Area (acres):**	6.44
Onsite Assessment?:	Yes	**Investigator(s):**	JVS, SE
Wetland Location:	Wetland fringe of East Thornton Lake, west of Shady Lane		

Function and Condition Assessment Answers:

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

Results:

Wildlife Habitat	Wetland provides 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	**A**	Q-1	**C**	Q-1	**A**
Q-2		Q-2	**B**	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	**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 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:	North Albany LWI	**Wetland:**	**THO-3B**
Location:	Benton County	**Approx. Area (acres):**	6.44
Date:	6/15/00	**Wetland Types(s):**	PEM, PSS

Result:	**Wetland provides diverse wildlife habitat**	
Rationale:	More than one Cowardin class	No adjacent Water Quality limited streams
	Herbaceous vegetation & ponding	Adjacent land is mostly developed
	Greater than 1 acre of open water	Wetland buffer is greater than 40%
Result:	**Wetland's fish habitat function is 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	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 & ponding
	Wetland floods/ponds in growing season	Development downslope of wetland
	Water has unrestricted flow out of wetland	Development upslope of wetland
Result:	**Wetland is potentially sensitive to future impacts**	
Rationale:	Stream not modified	Adjacent land is mostly developed
	Water not taken out	Adjacent zoning is primarily development
	No adjacent Water Quality Limited streams	Herbaceous vegetation & ponding
Result:	**Due to diverse wildlife habitat, this wetland cannot be enhanced**	
Rationale:		
Result:	**Wetland has potential for educational use**	
Rationale:	Wetland is open to the public	No access point to wetland exists
	1 or 2 visible safety hazards	Wetland is not limited mobility accessible
	Other habitats can be observed not accessed	
Result:	**Wetland is not appropriate or does not provide rec. opportunities**	
Rationale:	No access point to wetland exists	Wetland provides diverse wildlife habitat
	No boat launching can be developed	Fishing is allowed
	No trails or viewing areas exist	No hunting is allowed
Result:	**Wetland is considered to be pleasing**	
Rationale:	More than two Cowardin classes are visible	Wetland surrounded by landscaped areas
	>50% of wetland can be seen	Natural odors present at wetland
	No visual detractors are present	Some traffic and natural noises are present

Oregon Freshwater Wetland Assessment Methodology

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Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	North Albany LWI	**Wetland:**	**THO-3Ca, b, c**
Project Location:	Benton County	**Wetland Type(s):**	PEM

Date(s) of field work:	6/15/00	**Approx. Area (acres):**	0.07
Onsite Assessment?:	Yes	**Investigator(s):**	JVS, SE
Wetland Location:	East of Middle School, north of East Thornton 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	C	Q-1		Q-1	C	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	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	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	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	B	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	B	Q-3	A
Q-4	C	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 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:	North Albany LWI	**Wetland:**	**THO-3Ca, b, c**
Location:	Benton County	**Approx. Area (acres):**	0.07
Date:	6/15/00	**Wetland Types(s):**	PEM

Result:	**Wetland provides habitat for some wildlife species**	
Rationale:	One Class with less than 5 species	No adjacent Water Quality limited streams
	Herbaceous vegetation, no ponding	Adjacent land is mostly developed
	Less than 0.5 acres of open water	Wetland buffer is less than 10%
Result:	**Fish habitat was not assessed for this wetland**	
Rationale:		
Result:	**Wetland's water-quality function is impacted or degraded**	
Rationale:	Primary water source is groundwater	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 function is lost or not present**	
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 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 little enhancement potential**	
Rationale:	One or more functions lost/not present	Wetland is less than 0.5 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 limited mobility accessible
	Other habitats can be observed not accessed	
Result:	**Wetland is not appropriate or does not provide rec. opportunities**	
Rationale:	No access point to wetland exists	Wetland provides habitat for some wildlife
	No boat launching can be developed	No fishing is allowed
	Unmaintained trails, viewing areas exist	No hunting is allowed
Result:	**Wetland is considered to be pleasing**	
Rationale:	One Cowardin class is visible	Wetland surrounded by landscaped areas
	>50% of wetland can be seen	Natural odors present at wetland
	No visual detractors are present	Some traffic and natural noises are present

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	North Albany LWI	**Wetland:**	**THO-4A**
Project Location:	Benton County	**Wetland Type(s):**	PSS

Date(s) of field work:	6/15/00	**Approx. Area (acres):**	1.21
Onsite Assessment?:	No	**Investigator(s):**	PF, CR
Wetland Location:	NE corner of West Thornton Lake at North Albany Road xing		

Function and Condition Assessment 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	A	Q-3	A	Q-3	B	Q-3	C
Q-4	A	Q-4	A	Q-4	B	Q-4	C	Q-4	A
Q-5	A	Q-5	C	Q-5	A	Q-5	A	Q-5	A
Q-6	A	Q-6	B	Q-6	C	Q-6	C	Q-6	A
Q-7	A					Q-7	A		
Q-8	C								
Q-9A									
Q-9B	A								

Results:

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

Function and Condition Assessment Answers:

Enhancement Potential		Education		Recreation		Aesthetic Quality	
Q	A	Q	A	Q	A	Q	A
Q-1		Q-1	B	Q-1	C	Q-1	B
Q-2		Q-2	B	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	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 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:	North Albany LWI	**Wetland:**	**THO-4A**
Location:	Benton County	**Approx. Area (acres):**	1.21
Date:	6/15/00	**Wetland Types(s):**	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 mostly developed
	Greater than 1 acre of open water	Wetland buffer is greater than 40%
Result:	**Wetland's fish habitat function is intact**	
Rationale:	50% or more of stream is shaded	No adjacent Water Quality Limited streams
	Stream is in a natural channel	Adjacent land is mostly developed
	>25% of stream has instream structures	Warmwater fish present in stream
Result:	**Wetland's water-quality function is intact**	
Rationale:	Primary water source is surface flow	Surface water connection to other wetlands
	Wetland floods/ponds in growing season	Adjacent land is mostly developed
	High wetland vegetation cover	No adjacent Water Quality Limited streams
Result:	**Wetland's hydrologic control function is intact**	
Rationale:	Wetland is within 100 year floodplain	Dominated by woody vegetation
	Wetland floods/ponds in growing season	Open space downslope of development
	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:	**Due to diverse wildlife habitat, this wetland cannot be enhanced**	
Rationale:		
Result:	**Wetland has potential for educational use**	
Rationale:	Wetland access by landowner permission	No access point to wetland exists
	1 or 2 visible safety hazards	Wetland is not limited mobility accessible
	Other habitats can be observed not accessed	
Result:	**Wetland is not appropriate or does not provide rec. opportunities**	
Rationale:	No access point to wetland exists	Wetland provides diverse wildlife habitat
	No boat launching can be developed	Fishing is allowed
	No trails or viewing areas exist	No hunting is allowed
Result:	**Wetland is considered to be pleasing**	
Rationale:	Two Cowardin classes visible	Wetland surrounded by landscaped areas
	>50% of wetland can be seen	Natural odors present at wetland
	No visual detractors are present	Some traffic and natural noises are present

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	North Albany LWI	**Wetland:**	**THO-4B**
Project Location:	Benton County	**Wetland Type(s):**	PEM

Date(s) of field work:	6/30/00	**Approx. Area (acres):**	3.04
Onsite Assessment?:	Yes	**Investigator(s):**	CR, SE
Wetland Location:	Edges of West Thornton 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	B	Q-1	A	Q-1	A	Q-1	A	Q-1	B
Q-2	B	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	A	Q-4	A	Q-4	B	Q-4	C	Q-4	A
Q-5	A	Q-5	C	Q-5	A	Q-5	B	Q-5	A
Q-6	A	Q-6	B	Q-6	C	Q-6	A	Q-6	B
Q-7	A					Q-7	A		
Q-8	C								
Q-9A									
Q-9B	B								

Results:

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

Function and Condition Assessment Answers:

Enhancement Potential		Education		Recreation		Aesthetic Quality	
Q	A	Q	A	Q	A	Q	A
Q-1		Q-1	B	Q-1	C	Q-1	B
Q-2		Q-2	B	Q-2	C	Q-2	B
Q-3		Q-3	A	Q-3	C	Q-3	A
Q-4		Q-4	B	Q-4	A	Q-4	B
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 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:	North Albany LWI	**Wetland:**	**THO-4B**
Location:	Benton County	**Approx. Area (acres):**	3.04
Date:	6/30/00	**Wetland Types(s):**	PEM

Result:	**Wetland provides diverse wildlife habitat**	
Rationale:	One Cowardin class with > 5 species	No adjacent Water Quality limited streams
	Herbaceous vegetation & ponding	Adjacent land is mostly developed
	Greater than 1 acre of open water	Wetland buffer is between 10% and 40%
Result:	**Wetland's fish habitat function is impacted or degraded**	
Rationale:	50% or more of stream is shaded	No adjacent Water Quality Limited streams
	Stream is in a natural channel	Adjacent land is mostly developed
	<10% of stream has instream structures	Warmwater fish present in stream
Result:	**Wetland's water-quality function is intact**	
Rationale:	Primary water source is surface flow	Surface water connection to other wetlands
	Wetland floods/ponds in growing season	Adjacent land is mostly developed
	High wetland vegetation cover	No adjacent Water Quality Limited streams
Result:	**Wetland's hydrologic control function is intact**	
Rationale:	Wetland is within 100 year floodplain	Herbaceous vegetation & ponding
	Wetland floods/ponds in growing season	Development downslope of wetland
	Water has unrestricted flow out of wetland	Development upslope of wetland
Result:	**Wetland is potentially sensitive to future impacts**	
Rationale:	Stream not modified	Adjacent land is mostly developed
	Water not taken out	Adjacent zoning is primarily development
	No adjacent Water Quality Limited streams	Herbaceous vegetation & ponding
Result:	**Due to diverse wildlife habitat, this wetland cannot be enhanced**	
Rationale:		
Result:	**Wetland has potential for educational use**	
Rationale:	Wetland access by landowner permission	No access point to wetland exists
	1 or 2 visible safety hazards	Wetland is not limited mobility accessible
	Other habitats can be observed not accessed	
Result:	**Wetland is not appropriate or does not provide rec. opportunities**	
Rationale:	No access point to wetland exists	Wetland provides diverse wildlife habitat
	No boat launching can be developed	Fishing is allowed
	No trails or viewing areas exist	No hunting is allowed
Result:	**Wetland is considered to be moderately pleasing**	
Rationale:	Two Cowardin classes visible	Wetland surrounded by landscaped areas
	25 - 50% of wetland can be seen	Natural odors present at wetland
	No visual detractors are present	Some traffic and natural noises are present

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	North Albany LWI	**Wetland:**	**THO-4C**
Project Location:	Benton County	**Wetland Type(s):**	PEM

Date(s) of field work:	7/7/00	**Approx. Area (acres):**	2.11
Onsite Assessment?:	Yes	**Investigator(s):**	CR, PF
Wetland Location:	Drainage from West Thornton Lake to Highway 20		

Function and Condition Assessment Answers:

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

Results:

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

Function and Condition Assessment Answers:

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

Results:

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

Oregon Freshwater Wetland Assessment Methodology
Functions and Conditions Summary Sheet

Project:	North Albany LWI	**Wetland:**	**THO-4C**
Location:	Benton County	**Approx. Area (acres):**	2.11
Date:	7/7/00	**Wetland Types(s):**	PEM

Result:	**Wetland provides diverse wildlife habitat**	
Rationale:	One Cowardin class with > 5 species	No adjacent Water Quality limited streams
	Herbaceous vegetation & ponding	Adjacent land use is primarily agriculture
	Between 0.5 - 1 acre of open water	Wetland buffer is greater than 40%
Result:	**Wetland's fish habitat function is intact**	
Rationale:	50% or more of stream is shaded	No adjacent Water Quality Limited streams
	Only portions of stream are modified	Adjacent land use is primarily agriculture
	>25% of stream has instream structures	Warmwater fish present in stream
Result:	**Wetland's water-quality function is intact**	
Rationale:	Primary water source is surface flow	Surface water connection to other wetlands
	Wetland floods/ponds in growing season	Adjacent land use is primarily agriculture
	High wetland vegetation cover	No adjacent Water Quality Limited streams
Result:	**Wetland's hydrologic control is impacted or degraded**	
Rationale:	Wetland is 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 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 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
	25 - 50% of wetland can be seen	Natural odors present at wetland
	No visual detractors are present	Continuous traffic and natural noises occur

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	North Albany LWI	**Wetland:**	**THO-4D**
Project Location:	Benton County	**Wetland Type(s):**	PEM

Date(s) of field work:	7/7/00	**Approx. Area (acres):**	0.07
Onsite Assessment?:	Yes	**Investigator(s):**	CR, PF
Wetland Location:	North of RR tracks, south of West Thornton 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	C	Q-1		Q-1	A	Q-1	A	Q-1	B
Q-2	C	Q-2		Q-2	A	Q-2	A	Q-2	B
Q-3	C	Q-3		Q-3	B	Q-3	C	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	C	Q-6	C
Q-7	A					Q-7	A		
Q-8	B								
Q-9A									
Q-9B	C								

Results:

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

Function and Condition Assessment Answers:

Enhancement Potential		Education		Recreation		Aesthetic Quality	
Q	A	Q	A	Q	A	Q	A
Q-1	A	Q-1	C	Q-1	C	Q-1	B
Q-2	A	Q-2	B	Q-2	C	Q-2	A
Q-3	A	Q-3	B	Q-3	C	Q-3	B
Q-4	C	Q-4	B	Q-4	B	Q-4	B
Q-5B	C	Q-5	C	Q-5	B	Q-5	B
Q-6	B	Q-6	B	Q-6	B	Q-6	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:	North Albany LWI	**Wetland:**	**THO-4D**
Location:	Benton County	**Approx. Area (acres):**	0.07
Date:	7/7/00	**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 surface flow	Surface water connection to other wetlands
	Wetland floods/ponds in growing season	Adjacent land use is primarily agriculture
	Moderate vegetation cover	No adjacent Water Quality Limited streams
Result:	**Wetland's hydrologic control function is lost or not present**	
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 not modified	Adjacent land use is primarily agriculture
	Water not taken out	Adjacent zoning is primarily development
	No adjacent Water Quality Limited streams	Herbaceous vegetation, no ponding
Result:	**Wetland has moderate potential for enhancement**	
Rationale:	Wetland functions are impacted or degraded	Wetland is less than 0.5 acres
	Primary water source is 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
	1 or 2 visible safety hazards	Wetland is not limited mobility accessible
	Other habitats can be observed not accessed	
Result:	**Wetland is not appropriate or does not provide rec. opportunities**	
Rationale:	No access point to wetland exists	Wetland provides habitat for some wildlife
	No boat launching can be developed	No fishing is allowed
	No trails or viewing areas exist	No hunting is allowed
Result:	**Wetland is considered to be pleasing**	
Rationale:	Two Cowardin classes visible	Wetland surrounded by landscaped areas
	>50% of wetland can be seen	Unpleasant odors are present sometimes
	Visual detractors present, can be removed	Some traffic and natural noises are present

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	North Albany LWI	**Wetland:**	**THO-4E**
Project Location:	Benton County	**Wetland Type(s):**	PEM, PAB
Date(s) of field work:	7/7/00	**Approx. Area (acres):**	2.09
Onsite Assessment?:	Yes	**Investigator(s):**	CR, PF
Wetland Location:	South of West Thornton Lake, north of Hwy 20		

Function and Condition Assessment 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	B	Q-2		Q-2	A	Q-2	A	Q-2	B
Q-3	B	Q-3		Q-3	A	Q-3	B	Q-3	C
Q-4	B	Q-4		Q-4	B	Q-4	B	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	A		
Q-8	B								
Q-9A									
Q-9B	B								

Results:

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

Function and Condition Assessment Answers:

Enhancement Potential		Education		Recreation		Aesthetic Quality	
Q	A	Q	A	Q	A	Q	A
Q-1		Q-1	C	Q-1	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	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:	North Albany LWI	**Wetland:**	**THO-4E**
Location:	Benton County	**Approx. Area (acres):**	2.09
Date:	7/7/00	**Wetland Types(s):**	PEM, PAB

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
	Between 0.5 - 1 acre of open water	Wetland buffer is between 10% and 40%
Result:	**Fish habitat was not assessed for this wetland**	
Rationale:		
Result:	**Wetland's water-quality function is impacted or degraded**	
Rationale:	Primary water source is groundwater	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
	Minor restrictions slow down the water	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 & ponding
Result:	**Due to diverse wildlife habitat, this wetland cannot be enhanced**	
Rationale:		
Result:	**Wetland site is not appropriate for educational use**	
Rationale:	No access allowed to wetland	No access point to wetland exists
	No visible hazards to public	Wetland is 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:	Two Cowardin classes visible	Wetland surrounded by landscaped areas
	>50% of wetland can be seen	Natural odors present at wetland
	No visual detractors are present	Some traffic and natural noises are present

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	North Albany LWI	**Wetland:**	**THO-5**
Project Location:	Benton County	**Wetland Type(s):**	PEM

Date(s) of field work:	7/13/00	**Approx. Area (acres):**	0.21
Onsite Assessment?:	Yes	**Investigator(s):**	CR, SE
Wetland Location:	North of RR tracks, north of Hwy 20, south of W. Thornton 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	B	Q-1		Q-1	C	Q-1	A	Q-1	B
Q-2	C	Q-2		Q-2	A	Q-2	A	Q-2	B
Q-3	C	Q-3		Q-3	A	Q-3	C	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	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	C	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:	North Albany LWI	**Wetland:**	**THO-5**
Location:	Benton County	**Approx. Area (acres):**	0.21
Date:	7/13/00	**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 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 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 less than 0.5 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 pleasing**	
Rationale:	One Cowardin class is visible	Wetland surrounded by landscaped areas
	>50% of wetland can be seen	Natural odors present at wetland
	No visual detractors are present	Some traffic and natural noises are present

Oregon Freshwater Wetland Assessment Methodology

(Revised Edition, April 1996)

Wetland Assessment Summary Sheet

Pacific Habitat Services, Inc.

Project Name:	North Albany LWI	**Wetland:**	**THO-6**
Project Location:	Benton County	**Wetland Type(s):**	PEM

Date(s) of field work:	7/7/00	**Approx. Area (acres):**	0.04
Onsite Assessment?:	Yes	**Investigator(s):**	PF, CR
Wetland Location:	South of West Thornton Drive, 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	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	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	C	Q-6	C
Q-7	A					Q-7	A		
Q-8	B								
Q-9A									
Q-9B	C								

Results:

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

Function and Condition Assessment Answers:

Enhancement Potential		Education		Recreation		Aesthetic Quality	
Q	A	Q	A	Q	A	Q	A
Q-1	A	Q-1	C	Q-1	C	Q-1	C
Q-2	C	Q-2	B	Q-2	C	Q-2	C
Q-3		Q-3	B	Q-3	C	Q-3	C
Q-4	C	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 not aesthetically pleasing

Oregon Freshwater Wetland Assessment Methodology
Functions and Conditions Summary Sheet

Project:	North Albany LWI	**Wetland:**	**THO-6**
Location:	Benton County	**Approx. Area (acres):**	0.04
Date:	7/7/00	**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
	Low vegetation cover	No adjacent Water Quality Limited streams
Result:	**Wetland's hydrologic control function is lost or not present**	
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 use is primarily agriculture
	Water not taken out	Adjacent zoning is primarily development
	No adjacent Water Quality Limited streams	Herbaceous vegetation, no ponding
Result:	**Wetland has moderate potential for enhancement**	
Rationale:	Wetland functions are impacted or degraded	Wetland is less than 0.5 acres
	Primary water source is precipitation	Wetland buffer is 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 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

Appendix D

Significant Wetland Determination Sheets



Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	North Albany LWI	**Wetland:**	**LUC-1**
Project Location:	Benton County	**Approx. Area (acres):**	0.25
Date:	7/20/00	**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		No
Exclusion criteria satisfied?		**No**

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

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

Does not satisfy the criteria, Not a Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	North Albany LWI	**Wetland:**	**LUC-2**
Project Location:	Benton County	**Approx. Area (acres):**	0.23
Date:	7/20/00	**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		No
Exclusion criteria satisfied?		**No**

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

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

Does not satisfy the criteria, Not a Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	North Albany LWI	**Wetland:**	**BOW-1**
Project Location:	Benton County	**Approx. Area (acres):**	7.85
Date:	5/5/00, 6/2/00	**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		No
Exclusion criteria satisfied?		**No**

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

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

Does not satisfy the criteria, Not a Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	North Albany LWI	**Wetland:**	**BOW-2f**
Project Location:	Benton County	**Approx. Area (acres):**	3.5
Date:	6/2/00	**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		No
Exclusion criteria satisfied?		**No**

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

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

***Optional Locally Significant Wetland Criteria*: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**

1 Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function*.		No
2 Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses*?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Does not satisfy the criteria, Not a Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	North Albany LWI	**Wetland:**	**BOW-3f**
Project Location:	Benton County	**Approx. Area (acres):**	0.03
Date:	6/2/00	**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		No
Exclusion criteria satisfied?		**No**

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

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

Does not satisfy the criteria, Not a Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	North Albany LWI	**Wetland:**	**BOW-4f**
Project Location:	Benton County	**Approx. Area (acres):**	0.39
Date:	7/7/00	**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		No
Exclusion criteria satisfied?		**No**

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

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

***Optional Locally Significant Wetland Criteria*: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**

1 Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function*.		No
2 Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses*?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Does not satisfy the criteria, Not a Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	North Albany LWI	**Wetland:**	**BOW-5f**
Project Location:	Benton County	**Approx. Area (acres):**	0.27
Date:	7/7/00	**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		No
Exclusion criteria satisfied?		**No**

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

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

***Optional Locally Significant Wetland Criteria*: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**

1 Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function*.		No
2 Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses*?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Does not satisfy the criteria, Not a Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	North Albany LWI	**Wetland:**	**BOW-6Af**
Project Location:	Benton County	**Approx. Area (acres):**	0.18
Date:	7/7/00	**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		No
Exclusion criteria satisfied?		**No**

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

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

***Optional Locally Significant Wetland Criteria*: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**

1 Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function*.		No
2 Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses*?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Does not satisfy the criteria, Not a Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	North Albany LWI	**Wetland:**	**BOW-6B**
Project Location:	Benton County	**Approx. Area (acres):**	0.62
Date:	7/7/00	**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		No
Exclusion criteria satisfied?		**No**

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

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

Does not satisfy the criteria, Not a Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	North Albany LWI	**Wetland:**	**BOW-6C**
Project Location:	Benton County	**Approx. Area (acres):**	0.17
Date:	7/7/00	**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		No
Exclusion criteria satisfied?		**No**

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

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

Does not satisfy the criteria, Not a Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	North Albany LWI	**Wetland:**	**BOW-7**
Project Location:	Benton County	**Approx. Area (acres):**	0.23
Date:	7/20/00	**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		No
Exclusion criteria satisfied?		**No**

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

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

Does not satisfy the criteria, Not a Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	North Albany LWI	**Wetland:**	**HRS-1**
Project Location:	Benton County	**Approx. Area (acres):**	0.12
Date:	5/12/00	**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 salmonids and is the wetland's *fish habitat function intact, or impacted or degraded* ?		No
Mandatory Locally Significant Wetland criteria satisfied ?	**Yes**	

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

Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	North Albany LWI	**Wetland:**	**HRS-2Af**
Project Location:	Benton County	**Approx. Area (acres):**	2.01
Date:	5/12/00	**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

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	North Albany LWI	**Wetland:**	**HRS-2B**
Project Location:	Benton County	**Approx. Area (acres):**	0.29
Date:	5/16/00	**Wetland Types(s):**	PEM

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

1 Is this wetland artificially created entirely from upland and:		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

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

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

***Optional Locally Significant Wetland Criteria*: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**

1 Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function* .		No
2 Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses* ?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Does not satisfy the criteria, Not a Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	North Albany LWI	**Wetland:**	**HRS-3Af**
Project Location:	Benton County	**Approx. Area (acres):**	1.34
Date:	5/12/00	**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

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	North Albany LWI	**Wetland:**	**HRS-3B**
Project Location:	Benton County	**Approx. Area (acres):**	0.4
Date:	5/12/00	**Wetland Types(s):**	PEM

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

1	Is this wetland artificially created entirely from upland and:		
a.	created for the purpose of controlling, storing, or maintaining stormwater		No
b.	is used for active surface mining or as a log pond		No
c.	is a ditch without a free and open connection to natural waters of the state		No
d.	is less than 1 acre and created unintentionally from irrigation or construction		No
e.	created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2	Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
	Exclusion criteria satisfied?		**No**

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

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

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

1	Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function*.		No
2	Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses*?		No
	Optional Locally Significant Wetland criteria satisfied ?		**No**

Does not satisfy the criteria, Not a Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	North Albany LWI	**Wetland:**	**HRS-4**
Project Location:	Benton County	**Approx. Area (acres):**	0.23
Date:	5/5/00	**Wetland Types(s):**	PEM

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

1	Is this wetland artificially created entirely from upland and:		
a.	created for the purpose of controlling, storing, or maintaining stormwater		No
b.	is used for active surface mining or as a log pond		No
c.	is a ditch without a free and open connection to natural waters of the state		No
d.	is less than 1 acre and created unintentionally from irrigation or construction		No
e.	created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2	Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
	Exclusion criteria satisfied?		**No**

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

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

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

1	Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function* .		No
2	Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses* ?		No
	Optional Locally Significant Wetland criteria satisfied ?		**No**

Does not satisfy the criteria, Not a Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	North Albany LWI	**Wetland:**	**HRS-5Af**
Project Location:	Benton County	**Approx. Area (acres):**	5.99
Date:	4/20/00	**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

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	North Albany LWI	**Wetland:**	**HRS-5B**
Project Location:	Benton County	**Approx Area (acres):**	0.5
Date:	4/20/00	**Wetland Types(s):**	PFO

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

1 Is this wetland artificially created entirely from upland and:		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

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

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

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

1 Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function*.		No
2 Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses*?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Does not satisfy the criteria, Not a Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	North Albany LWI	**Wetland:**	**HRS-6**
Project Location:	Benton County	**Approx. Area (acres):**	0.15
Date:	4/20/00	**Wetland Types(s):**	PEM

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

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

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

Does not satisfy the criteria, Not a Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	North Albany LWI	**Wetland:**	**HRS-7Af**
Project Location:	Benton County	**Approx. Area (acres):**	33.96
Date:	4/20/00	**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

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	North Albany LWI	**Wetland:**	**HRS-7B**
Project Location:	Benton County	**Approx. Area (acres):**	8.32
Date:	5/5/00	**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* ?	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

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	North Albany LWI	**Wetland:**	**HRS-8Af**
Project Location:	Benton County	**Approx. Area (acres):**	0.4
Date:	5/5/00	**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

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	North Albany LWI	**Wetland:**	**HRS-8B**
Project Location:	Benton County	**Approx. Area (acres):**	0.48
Date:	5/5/00	**Wetland Types(s):**	PEM

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

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

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

Does not satisfy the criteria, Not a Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	North Albany LWI	**Wetland:**	**HRS-8C**
Project Location:	Benton County	**Approx. Area (acres):**	0.66
Date:	5/5/00	**Wetland Types(s):**	PEM

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

1	Is this wetland artificially created entirely from upland and:		
a.	created for the purpose of controlling, storing, or maintaining stormwater		No
b.	is used for active surface mining or as a log pond		No
c.	is a ditch without a free and open connection to natural waters of the state		No
d.	is less than 1 acre and created unintentionally from irrigation or construction		No
e.	created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2	Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
	Exclusion criteria satisfied?		**No**

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

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

Optional Locally Significant Wetland Criteria **: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**

1	Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function* .		No
2	Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses* ?		No
	Optional Locally Significant Wetland criteria satisfied ?		**No**

Does not satisfy the criteria, Not a Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	North Albany LWI	**Wetland:**	**HRS-8Df**
Project Location:	Benton County	**Approx. Area (acres):**	0.36
Date:	5/5/00	**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

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	North Albany LWI	**Wetland:**	**HRS-8E**
Project Location:	Benton County	**Approx. Area (acres):**	0.27
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
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids and is the wetland's *fish habitat function intact, or impacted or degraded* ?		No
Mandatory Locally Significant Wetland criteria satisfied ?		**No**

***Optional Locally Significant Wetland Criteria*: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**

1 Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function* .		No
2 Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses* ?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Does not satisfy the criteria, Not a Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	North Albany LWI	**Wetland:**	**HRS-9**
Project Location:	Benton County	**Approx. Area (acres):**	1.7
Date:	7/20/00	**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 salmonids and is the wetland's *fish habitat function intact, or impacted or degraded*?		No
	Mandatory Locally Significant Wetland criteria satisfied ?		**No**

***Optional Locally Significant Wetland Criteria*: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**

1	Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function*.		No
2	Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses*?		No
	Optional Locally Significant Wetland criteria satisfied ?		**No**

Does not satisfy the criteria, Not a Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	North Albany LWI	**Wetland:**	**HRS-10A**
Project Location:	Benton County	**Approx. Area (acres):**	0.17
Date:	5/26/00	**Wetland Types(s):**	PEM

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

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

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

Does not satisfy the criteria, Not a Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	North Albany LWI	**Wetland:**	**HRS-10B**
Project Location:	Benton County	**Approx. Area (acres):**	0.74
Date:	5/26/00	**Wetland Types(s):**	PEM, PAB

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

1	Is this wetland artificially created entirely from upland and:		
a.	created for the purpose of controlling, storing, or maintaining stormwater		No
b.	is used for active surface mining or as a log pond		No
c.	is a ditch without a free and open connection to natural waters of the state		No
d.	is less than 1 acre and created unintentionally from irrigation or construction		No
e.	created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2	Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
	Exclusion criteria satisfied?		**No**

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

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

***Optional Locally Significant Wetland Criteria*: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**

1	Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function* .		No
2	Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses* ?		No
	Optional Locally Significant Wetland criteria satisfied ?		**No**

Does not satisfy the criteria, Not a Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	North Albany LWI	**Wetland:**	**HRS-10C**
Project Location:	Benton County	**Approx. Area (acres):**	0.39
Date:	5/26/00	**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* ?	Yes	
4 Is the wetland's *hydrologic control function intact* ?		No
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list) and is the wetland's *water quality function intact, or impacted or degraded* ?		No
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids and is the wetland's *fish habitat function intact, or impacted or degraded* ?		No
Mandatory Locally Significant Wetland criteria satisfied ?	**Yes**	

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

Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	North Albany LWI	**Wetland:**	**HRS-11A**
Project Location:	Benton County	**Approx. Area (acres):**	1.32
Date:	5/12/00	**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* ?	Yes	
4 Is the wetland's *hydrologic control function intact* ?	Yes	
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list) and is the wetland's *water quality function intact, or impacted or degraded* ?		No
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids and is the wetland's *fish habitat function intact, or impacted or degraded* ?		No
Mandatory Locally Significant Wetland criteria satisfied ?	**Yes**	

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

Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	North Albany LWI	**Wetland:**	**HRS-11B**
Project Location:	Benton County	**Approx. Area (acres):**	4.01
Date:	5/12/00	**Wetland Types(s):**	PEM

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

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

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

Does not satisfy the criteria, Not a Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	North Albany LWI	**Wetland:**	**HRS-11C**
Project Location:	Benton County	**Approx. Area (acres):**	7.53
Date:	5/12/00	**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* ?	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* ?		No
Mandatory Locally Significant Wetland criteria satisfied ?	**Yes**	

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

Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	North Albany LWI	**Wetland:**	**HRS-11D**
Project Location:	Benton County	**Approx. Area (acres):**	0.22
Date:	7/20/00	**Wetland Types(s):**	PEM

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

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

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

Does not satisfy the criteria, Not a Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	North Albany LWI	**Wetland:**	**HRS-11E**
Project Location:	Benton County	**Approx. Area (acres):**	0.27
Date:	7/20/00	**Wetland Types(s):**	PEM

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

1	Is this wetland artificially created entirely from upland and:		
a.	created for the purpose of controlling, storing, or maintaining stormwater		No
b.	is used for active surface mining or as a log pond		No
c.	is a ditch without a free and open connection to natural waters of the state		No
d.	is less than 1 acre and created unintentionally from irrigation or construction		No
e.	created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2	Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
	Exclusion criteria satisfied?		**No**

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

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

Optional Locally Significant Wetland Criteria **: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**

1	Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function* .		No
2	Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses* ?		No
	Optional Locally Significant Wetland criteria satisfied ?		**No**

Does not satisfy the criteria, Not a Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	North Albany LWI	**Wetland:**	**HRS-11F**
Project Location:	Benton County	**Approx. Area (acres):**	0.04
Date:	7/20/00	**Wetland Types(s):**	PEM

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

1	Is this wetland artificially created entirely from upland and:		
a.	created for the purpose of controlling, storing, or maintaining stormwater		No
b.	is used for active surface mining or as a log pond		No
c.	is a ditch without a free and open connection to natural waters of the state		No
d.	is less than 1 acre and created unintentionally from irrigation or construction		No
e.	created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2	Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
	Exclusion criteria satisfied?		**No**

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

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

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

1	Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function*.		No
2	Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses*?		No
	Optional Locally Significant Wetland criteria satisfied ?		**No**

Does not satisfy the criteria, Not a Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	North Albany LWI	**Wetland:**	**HRS-11G**
Project Location:	Benton County	**Approx. Area (acres):**	0.16
Date:	7/20/00	**Wetland Types(s):**	PAB, PSS

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

1	Is this wetland artificially created entirely from upland and:		
a.	created for the purpose of controlling, storing, or maintaining stormwater		No
b.	is used for active surface mining or as a log pond		No
c.	is a ditch without a free and open connection to natural waters of the state		No
d.	is less than 1 acre and created unintentionally from irrigation or construction		No
e.	created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2	Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
	Exclusion criteria satisfied?		**No**

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

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

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

1	Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function*.		No
2	Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses*?		No
	Optional Locally Significant Wetland criteria satisfied ?		**No**

Does not satisfy the criteria, Not a Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	North Albany LWI	**Wetland:**	**HRS-11H**
Project Location:	Benton County	**Approx. Area (acres):**	0.02
Date:	5/26/00	**Wetland Types(s):**	PEM

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

1 Is this wetland artificially created entirely from upland and:		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

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

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

***Optional Locally Significant Wetland Criteria*: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**

1 Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function* .		No
2 Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses* ?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Does not satisfy the criteria, Not a Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	North Albany LWI	**Wetland:**	**HRS-12A**
Project Location:	Benton County	**Approx. Area (acres):**	0.48
Date:	5/16/00	**Wetland Types(s):**	PEM

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

1	Is this wetland artificially created entirely from upland and:		
a.	created for the purpose of controlling, storing, or maintaining stormwater		No
b.	is used for active surface mining or as a log pond		No
c.	is a ditch without a free and open connection to natural waters of the state		No
d.	is less than 1 acre and created unintentionally from irrigation or construction		No
e.	created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2	Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
	Exclusion criteria satisfied?		**No**

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

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

Optional Locally Significant Wetland Criteria **: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**

1	Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function* .		No
2	Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses* ?		No
	Optional Locally Significant Wetland criteria satisfied ?		**No**

Does not satisfy the criteria, Not a Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	North Albany LWI	**Wetland:**	**HRS-12B**
Project Location:	Benton County	**Approx. Area (acres):**	0.84
Date:	5/16/00	**Wetland Types(s):**	PEM

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

1	Is this wetland artificially created entirely from upland and:		
a.	created for the purpose of controlling, storing, or maintaining stormwater		No
b.	is used for active surface mining or as a log pond		No
c.	is a ditch without a free and open connection to natural waters of the state		No
d.	is less than 1 acre and created unintentionally from irrigation or construction		No
e.	created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2	Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
	Exclusion criteria satisfied?		**No**

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

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

***Optional Locally Significant Wetland Criteria*: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**

1	Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function* .		No
2	Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses* ?		No
	Optional Locally Significant Wetland criteria satisfied ?		**No**

Does not satisfy the criteria, Not a Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	North Albany LWI	**Wetland:**	**HRS-13**
Project Location:	Benton County	**Approx. Area (acres):**	0.64
Date:	5/16/00	**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* ?	Yes	
4 Is the wetland's *hydrologic control function intact* ?		No
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list) and is the wetland's *water quality function intact, or impacted or degraded* ?		No
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids and is the wetland's *fish habitat function intact, or impacted or degraded* ?		No
Mandatory Locally Significant Wetland criteria satisfied ?	**Yes**	

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

Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	North Albany LWI	**Wetland:**	**HRS-14**
Project Location:	Benton County	**Approx. Area (acres):**	1.06
Date:	5/16/00	**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* ?	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?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids and is the wetland's *fish habitat function intact, or impacted or degraded* ?		No
Mandatory Locally Significant Wetland criteria satisfied ?	**Yes**	

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

Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	North Albany LWI	**Wetland:**	**SPH-1A**
Project Location:	Benton County	**Approx. Area (acres):**	0.66
Date:	6/15/00	**Wetland Types(s):**	PEM

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

1 Is this wetland artificially created entirely from upland and:		
a. created for the purpose of controlling, storing, or maintaining stormwater		No
b. is used for active surface mining or as a log pond		No
c. is a ditch without a free and open connection to natural waters of the state		No
d. is less than 1 acre and created unintentionally from irrigation or construction		No
e. created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2 Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
Exclusion criteria satisfied?		**No**

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

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

***Optional Locally Significant Wetland Criteria*: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**

1 Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function* .		No
2 Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses* ?		No
Optional Locally Significant Wetland criteria satisfied ?		**No**

Does not satisfy the criteria, Not a Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	North Albany LWI	**Wetland:**	**SPH-1B**
Project Location:	Benton County	**Approx. Area (acres):**	0.55
Date:	6/2/00	**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* ?		No
5 Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list) and is the wetland's *water quality function intact, or impacted or degraded* ?		No
6 Does the wetland contain a rare plant community?		No
7 Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8 Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids and is the wetland's *fish habitat function intact, or impacted or degraded* ?		No
Mandatory Locally Significant Wetland criteria satisfied ?		**No**

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

Does not satisfy the criteria, Not a Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	North Albany LWI	**Wetland:**	**SPH-2A**
Project Location:	Benton County	**Approx. Area (acres):**	0.11
Date:	7/13/00	**Wetland Types(s):**	PEM

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

1	Is this wetland artificially created entirely from upland and:		
a.	created for the purpose of controlling, storing, or maintaining stormwater		No
b.	is used for active surface mining or as a log pond		No
c.	is a ditch without a free and open connection to natural waters of the state		No
d.	is less than 1 acre and created unintentionally from irrigation or construction		No
e.	created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2	Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
	Exclusion criteria satisfied?		**No**

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

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

***Optional Locally Significant Wetland Criteria*: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**

1	Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function*.		No
2	Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses*?		No
	Optional Locally Significant Wetland criteria satisfied ?		**No**

Does not satisfy the criteria, Not a Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	North Albany LWI	**Wetland:**	**SPH-2B**
Project Location:	Benton County	**Approx. Area (acres):**	0.09
Date:	7/13/00	**Wetland Types(s):**	PEM

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

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

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

Does not satisfy the criteria, Not a Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	North Albany LWI	**Wetland:**	**SPH-2C**
Project Location:	Benton County	**Approx. Area (acres):**	0.06
Date:	7/13/00	**Wetland Types(s):**	PSS

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

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

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

Does not satisfy the criteria, Not a Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	North Albany LWI	**Wetland:**	**SPH-3**
Project Location:	Benton County	**Approx. Area (acres):**	1.05
Date:	6/15/00	**Wetland Types(s):**	PFO

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

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

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

Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	North Albany LWI	**Wetland:**	**SPH-4**
Project Location:	Benton County	**Approx. Area (acres):**	3.48
Date:	6/23/00	**Wetland Types(s):**	PEM

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

1	Is this wetland artificially created entirely from upland and:		
a.	created for the purpose of controlling, storing, or maintaining stormwater		No
b.	is used for active surface mining or as a log pond		No
c.	is a ditch without a free and open connection to natural waters of the state		No
d.	is less than 1 acre and created unintentionally from irrigation or construction		No
e.	created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2	Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
	Exclusion criteria satisfied?		**No**

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

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

Optional Locally Significant Wetland Criteria **: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**

1	Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function* .		No
2	Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses* ?		No
	Optional Locally Significant Wetland criteria satisfied ?		**No**

Does not satisfy the criteria, Not a Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	North Albany LWI	**Wetland:**	**THO-1A**
Project Location:	Benton County	**Approx. Area (acres):**	0.06
Date:	6/23/00	**Wetland Types(s):**	PFO

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

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

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

Does not satisfy the criteria, Not a Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	North Albany LWI	**Wetland:**	**THO-1B**
Project Location:	Benton County	**Approx. Area (acres):**	0.14
Date:	6/23/00	**Wetland Types(s):**	PFO

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

1	Is this wetland artificially created entirely from upland and:		
a.	created for the purpose of controlling, storing, or maintaining stormwater		No
b.	is used for active surface mining or as a log pond		No
c.	is a ditch without a free and open connection to natural waters of the state		No
d.	is less than 1 acre and created unintentionally from irrigation or construction		No
e.	created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2	Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
	Exclusion criteria satisfied?		**No**

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

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

***Optional Locally Significant Wetland Criteria*: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**

1	Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function*.		No
2	Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses*?		No
	Optional Locally Significant Wetland criteria satisfied ?		**No**

Does not satisfy the criteria, Not a Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	North Albany LWI	**Wetland:**	**THO-2**
Project Location:	Benton County	**Approx. Area (acres):**	0.05
Date:	6/15/00	**Wetland Types(s):**	PFO

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

1	Is this wetland artificially created entirely from upland and:		
a.	created for the purpose of controlling, storing, or maintaining stormwater		No
b.	is used for active surface mining or as a log pond		No
c.	is a ditch without a free and open connection to natural waters of the state		No
d.	is less than 1 acre and created unintentionally from irrigation or construction		No
e.	created for the purpose of wastewater treatment, cranberry production, farm watering, sediment settling, cooling industrial water, or a golf hazard		No
2	Is the wetland or portion of the wetland contaminated by hazardous substances, materials or wastes as per the conditions of ORS 141-86-350 1(b)		No
	Exclusion criteria satisfied?		**No**

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

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

***Optional Locally Significant Wetland Criteria*: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**

1	Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function* .		No
2	Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses* ?		No
	Optional Locally Significant Wetland criteria satisfied ?		**No**

Does not satisfy the criteria, Not a Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	North Albany LWI	**Wetland:**	**THO-3A**
Project Location:	Benton County	**Approx. Area (acres):**	1.95
Date:	6/15/00	**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* ?	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

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	North Albany LWI	**Wetland:**	**THO-3B**
Project Location:	Benton County	**Approx. Area (acres):**	6.44
Date:	6/15/00	**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*?	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

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	North Albany LWI	**Wetland:**	**THO-3Ca, b, c**
Project Location:	Benton County	**Approx. Area (acres):**	0.07
Date:	6/15/00	**Wetland Types(s):**	PEM

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

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

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

Does not satisfy the criteria, Not a Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	North Albany LWI	**Wetland:**	**THO-4A**
Project Location:	Benton County	**Approx. Area (acres):**	1.21
Date:	6/15/00	**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* ?	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

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	North Albany LWI	**Wetland:**	**THO-4B**
Project Location:	Benton County	**Approx. Area (acres):**	3.04
Date:	6/30/00	**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* ?	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* ?		No
6	Does the wetland contain a rare plant community?		No
7	Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8	Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids and is the wetland's *fish habitat function intact, or impacted or degraded* ?		No
	Mandatory Locally Significant Wetland criteria satisfied ?	**Yes**	

***Optional Locally Significant Wetland Criteria*: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**

1	Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function* .		No
2	Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses* ?		No
	Optional Locally Significant Wetland criteria satisfied ?		**No**

Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	North Albany LWI	**Wetland:**	**THO-4C**
Project Location:	Benton County	**Approx. Area (acres):**	2.11
Date:	7/7/00	**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* ?	Yes	
2	Is the wetland's *fish habitat function intact* ?	Yes	
3	Is the wetland's *water quality function intact* ?	Yes	
4	Is the wetland's *hydrologic control function intact* ?		No
5	Is the wetland less than 1/4 mile from a water body listed by DEQ as a water quality limited water body (303(d) list) and is the wetland's *water quality function intact, or impacted or degraded* ?		No
6	Does the wetland contain a rare plant community?		No
7	Is the wetland inhabited by any species listed federally as threatened or endangered, or state listed as sensitive, threatened or endangered?		No
8	Does the wetland have a direct surface water connection to a stream segment mapped by ODFW as habitat for indigenous anadromous salmonids and is the wetland's *fish habitat function intact, or impacted or degraded* ?		No
	Mandatory Locally Significant Wetland criteria satisfied ?	**Yes**	

***Optional Locally Significant Wetland Criteria*: local governments may identify a wetland as significant if "Yes" is the answer to the criteria below**

1	Does the wetland represent a locally unique native plant community and provides *diverse wildlife habitat or habitat for some species* or has a *intact, or impacted or degraded fish habitat function* or has a *intact, or impacted or degraded water quality function* or has a *intact, or impacted or degraded hydrologic control function* .		No
2	Is the wetland publicly owned and used by a school or organization and does the wetland provide *educational uses* ?		No
	Optional Locally Significant Wetland criteria satisfied ?		**No**

Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	North Albany LWI	**Wetland:**	**THO-4D**
Project Location:	Benton County	**Approx. Area (acres):**	0.07
Date:	7/7/00	**Wetland Types(s):**	PEM

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

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

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

Does not satisfy the criteria, Not a Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	North Albany LWI	**Wetland:**	**THO-4E**
Project Location:	Benton County	**Approx. Area (acres):**	2.09
Date:	7/7/00	**Wetland Types(s):**	PEM, PAB

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

***Mandatory Locally 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

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	North Albany LWI	**Wetland:**	**THO-5**
Project Location:	Benton County	**Approx. Area (acres):**	0.21
Date:	7/13/00	**Wetland Types(s):**	PEM

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

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

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

Does not satisfy the criteria, Not a Locally Significant Wetland

Locally Significant Wetlands Criteria

ORS 197.279 (3)(b)

Project Name:	North Albany LWI	**Wetland:**	**THO-6**
Project Location:	Benton County	**Approx. Area (acres):**	0.04
Date:	7/7/00	**Wetland Types(s):**	PEM

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

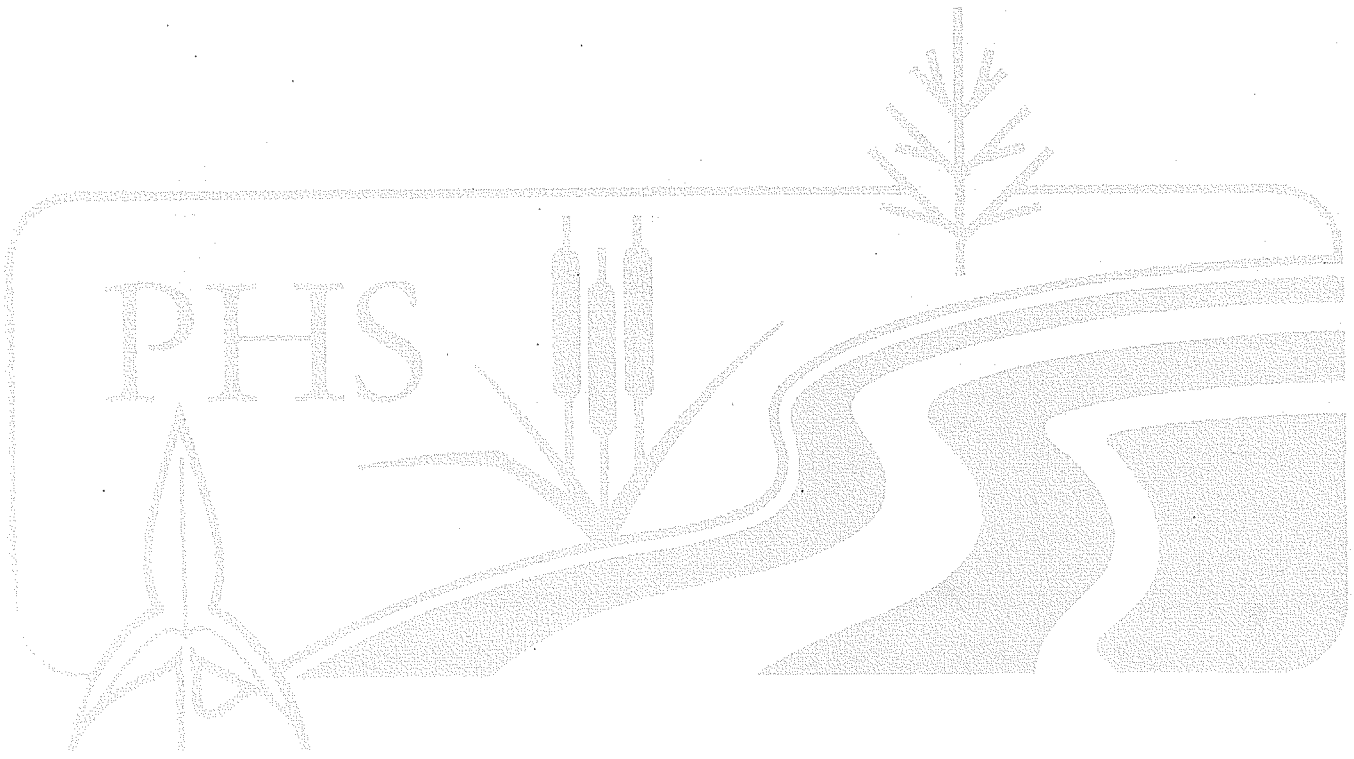
***Mandatory Locally Significant Wetland Criteria*: This wetland is locally significant if "Yes" is the answer to any of the criteria below.**		
1 Does the wetland provide *diverse wildlife habitat*?		No
2 Is the wetland's *fish habitat function intact*?		No
3 Is the wetland's *water quality function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

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

Does not satisfy the criteria, Not a Locally Significant Wetland

Appendix E

Plant List



Appendix E

Plant species observed within the North Albany LWI Study Area

SCIENTIFIC NAME	COMMON NAME	R9-IND.
TREES		
Abies grandis	grand fir	FACU-*
Acer circinatum	vine maple	FAC-
Acer macrophyllum	big leaf maple	FACU
Alnus rubra	red alder	FAC
Fraxinus latifolia	Oregon ash	FACW
Malus fusca	Pacific crabapple	FACW
Populus trichocarpa	black cottonwood	FAC
Prunus avium	sweet cherry	UPL
Pseudotsuga menziesii	Douglas fir	UPL
Quercus garryana	Oregon white oak	UPL
Rhamnus purshiana	cascara buckthorn	FAC-
Salix scouleriana	Scouler's willow	FAC
Salix lasiandra	Pacific willow	FACW+
Salix sitchensis	Sitka willow	FACW
SHRUBS/WOODY VINES		
Amelanchier alnifolia	Saskatoon serviceberry	FACU
Berberis aquifolium	tall Oregon grape	UPL
Convolvulus arvense	field morning glory	UPL
Cornus stolonifera	red osier dogwood	FACW
Corylus cornuta	beaked hazelnut	FACU
Crataegus douglasii	Douglas hawthorn	FAC
Crataegus monogyna	ornamental hawthorn	FACU+
Cytisus scoparius	Scot's broom	UPL
Hedera helix	English ivy	UPL
Holodiscus discolor	ocean spray	UPL
Ilex aquifolium	English holly	UPL
Oemleria cerasiformis	Indian plum	FACU
Physocarpus capitatus	Pacific nine-bark	FACW-

SCIENTIFIC NAME	COMMON NAME	R9-IND.
Rhus diversiloba	poison oak	UPL
Rosa eglanteria	sweetbriar rose	FACW
Rosa nutkana	Nootka rose	FAC
Rosa pisocarpa	clustered rose	FAC
Rubus discolor	Himalayan blackberry	FACU
Rubus laciniatus	evergreen blackberry	FACU+
Rubus parviflorus	western thimbleberry	FAC-
Rubus ursinus	California dewberry	FACU
Salix sitchensis	Sitka willow	FACW
Solanum dulcamara	climbing nightshade	FAC+
Solanum nigrum	black nightshade	FACU
Spiraea douglasii	Douglas' spiraea	FACW
Symphoricarpos albus	snowberry	FACU
HERBS		
Adenocaulon bicolor	pathfinder	UPL
Agropyron sp.	quackgrass species	FACU
Agrostis alba	redtop	FAC*
Agrostis stolonifera	spreading bentgrass	FAC
Agrostis tenuis	colonial bentgrass	FAC
Alisma plantago-aquatica	broadleaved water plantain	OBL
Alopecuris geniculatus	water foxtail	OBL
Alopecuris pratensis	meadow foxtail	FACW
Anthoxanthum odoratum	sweet vernal grass	FACU
Aquilegia formosa	red columbine	FAC
Arctium minus	common burdock	UPL
Athyrium filix-femina	lady fern	FAC
Beckmannia syzigachne	American sloughgrass	OBL
Bidens cernua	nodding beggar tick	FACW+
Bidens frondosa	devil's beggar tick	FACW+
Boisduvalia densiflora	dense flwr spike primrose	FACW-
Brassica sp.	mustard species	UPL
Bromus sp.	brome species	UPL
Bromus rigidus	ripgut brome	UPL

SCIENTIFIC NAME	COMMON NAME	R9-IND.
Callitriche stagnalis	water starwort	OBL
Camassia quamash	common camas	FACW
Cardamine sp.	bittercress species	FACW
Carex densa	dense sedge	OBL
Carex deweyana	Dewey's sedge	FACU
Carex feta	green sheath sedge	FACW
Carex obnupta	slough sedge	OBL
Carex stipata	sawbeak sedge	OBL
Carex unilateralis	one-sided sedge	FACW
Centaurum umbellatum	common centaury	FAC
Cerastium vulgatum	common chickweed	FACU
Chrysanthemum leucanthemum	ox-eye daisy	UPL
Cicuta douglasii	water hemlock	OBL
Cirsium arvense	Canada thistle	FACU+
Cirsium vulgare	bull thistle	FACU
Crepis sp.	hawksbeard species	FACU*-UPL
Cynosurus cristatus	crested dog tail grass	UPL
Dactylis glomerata	orchard grass	FACU
Daucus carota	Queen Anne's lace	UPL
Deschampsia cespitosa	tufted hairgrass	FACW
Digitaria ischaemum	smooth crabgrass	FACU
Digitaria sanguinalis	hairy crabgrass	FACU
Dipsacus sylvestris	teasel	FAC
Downingia elegans	common downingia	OBL
Echinochloa crus-galli	large barnyard grass	FACW
Eleocharis acicularis	needle spikerush	OBL
Eleocharis ovata	ovate spikerush	OBL
Eleocharis palustris	common spikerush	OBL
Elodea canadensis	Canada water weed	OBL
Epilobium watsonii	Watson's willow-herb	FACW-
Equisetum arvense	field horsetail	FAC
Festuca arundinacea	tall fescue	FAC-
Festuca rubra	red fescue	FAC-

SCIENTIFIC NAME	COMMON NAME	R9-IND.
Galium aparine	catchweed bedstraw	FACU
Geranium carolinianum	Carolina geranium	UPL
Geranium molle	dove foot geranium	UPL
Geranium robertianum	Robert's geranium	UPL
Geum macrophyllum	large leaf avens	FACW-*
Glecoma hederacea	ground ivy	FACU+
Glyceria occidentalis	northwestern manna grass	OBL
Gnaphalium palustre	lowland cudweed	FAC+
Hieracium sp.	Hawkweed species	UPL
Holcus lanatus	common velvet grass	FAC
Hordeum sp.	Barley species	FACW-FACU
Hypericum perforatum	common St. John's wort	UPL
Hypochaeris radicata	hairy cats-ear	FACU*
Juncus bufonius	toad rush	FACW
Juncus effusus	soft rush	FACW
Juncus ensifolius	daggerleaf rush	FACW
Juncus oxymeris	pointed rush	FACW+
Juncus patens	spreading rush	FACW
Juncus tenuis	slender rush	FACW-
Lactuca serriola	prickly lettuce	FACU
Lapsana communes	nipplewort	UPL
Lathyrus latifolius	everlasting wild pea	UPL
Leersia oryzoides	rice cut grass	OBL
Lemna minor	duckweed	OBL
Leontodon nudicaulis	hairy hawkbit	UPL
Lolium multiflorum	Italian ryegrass	UPL
Lolium perenne	perennial rye grass	FACU
Lotus corniculatus	birds-foot trefoil	FAC
Lotus purshiana	Spanish clover	UPL
Ludwigia palustris	marsh seedbox	OBL
Lupinus albicaulis	sickle-keeled lupine	UPL
Lycopus americanus	American bugleweed	OBL
Lysmachia nummularia	creeping loosestrife	FACW

SCIENTIFIC NAME	COMMON NAME	R9-IND.
Lythrum hyssopifolia	hyssop loosestrife	OBL
Madia glomerat	tarweed	FACU
Matricaria matricarioides	pineapple weed	FACU
Melissa officinalis	lemon balm	UPL
Mentha arvensis	field mint	FACW-
Mentha pulegium	pennyroyal	OBL
Mentha x piperita	peppermint	FACW+
Myosotis discolor	yellow and blue forget- me- not	FACW
Myriophyllum brasiliense	water milfoil	OBL
Nuphar luteum	yellow water lily	OBL
Oenanthe sarmentosa	water-parsley	OBL
Osmorhiza chilensis	mountain sweet cicley	UPL
Panicum capillare	witchgrass	FAC
Parentucellia viscosa	yellow parentucellia	FAC-
Paspalum distchum	knot grass	FACW
Phalaris arundinacea	reed canary grass	FACW
Phelum pratense	common timothy	FAC-
Plantago lanceolata	English plantain	FAC
Plantago major	common plantain	FACU+
Poa annua	annual bluegrass	FAC
Poa pratensis	Kentucky bluegrass	FAC
Poa trivialis	rough bluegrass	FACW
Polygonum hydropiperoides	swamp smartweed	OBL
Polygonum lapathifolium	willow weed	FACW
Polygonum persicaria	ladysthumb	FACW
Polypodium glycyrrhiza	licorice fern	UPL
Polystichum munitum	sword fern	FACU
Prunella vulgaris	heal-all	FACU+
Pteridium aquilinum	bracken fern	FACU
Ranunculus repens	creeping buttercup	FACW
Ranunculus uncinatus	little buttercup	FAC-
Ranunculus orthorhynchus	straight beak buttercup	FACW-
Rorippa curvisiliqua	curve-pod yellowcress	OBL

SCIENTIFIC NAME	COMMON NAME	R9-IND.
Rorippa nasturtium aquaticum	water cress	OBL
Rumex acetosella	sour dock	FACU+
Rumex crispus	curly dock	FAC+
Rumex occidentalis	western dock	FACW+
Scirpus microcarpus	small-fruit bulrush	OBL
Scutellaria lateriflora	mad dog skullcap	FACW+
Smilacina racemosa	feather false-solomon's seal	FAC-
Sonchus oleraceus	common sowthistle	FACU
Sparganium emersum	burreed	OBL
Stachys cooleyae	hedgenettle	FACW
Stellaria sp.	chickweed species	NI
Tanacetum vulgare	common tansy	FACU
Taraxacum officinale	common dandelion	FACU
Tellima grandiflora	fringecup	UPL
Tolmiea menziesii	piggy-back plant	FAC
Tragopogon pratensis	meadow salsify	UPL
Trifolium dubium	suckling clover	UPL
Trifolium pratense	red clover	FACU
Trifolium repens	white clover	FAC
Trillium sp.	trillium	FACU
Typha latifolia	broad-leaf cattail	OBL
Urtica dioica	stinging nettle	FAC+
Verbascum blattaria	moth mullein	UPL
Verbascum thapsis	common mullein	UPL
Veronica americana	American speedwell	OBL
Veronica scutellata	marsh speedwell	OBL
Vicia americana	American purple vetch	FAC
Vicia sativa	common vetch	UPL
Vicia tetrasperma	slender vetch	UPL
Vinca major	periwinkle	UPL
Xanthium strumarium	rough cockle bur	FAC