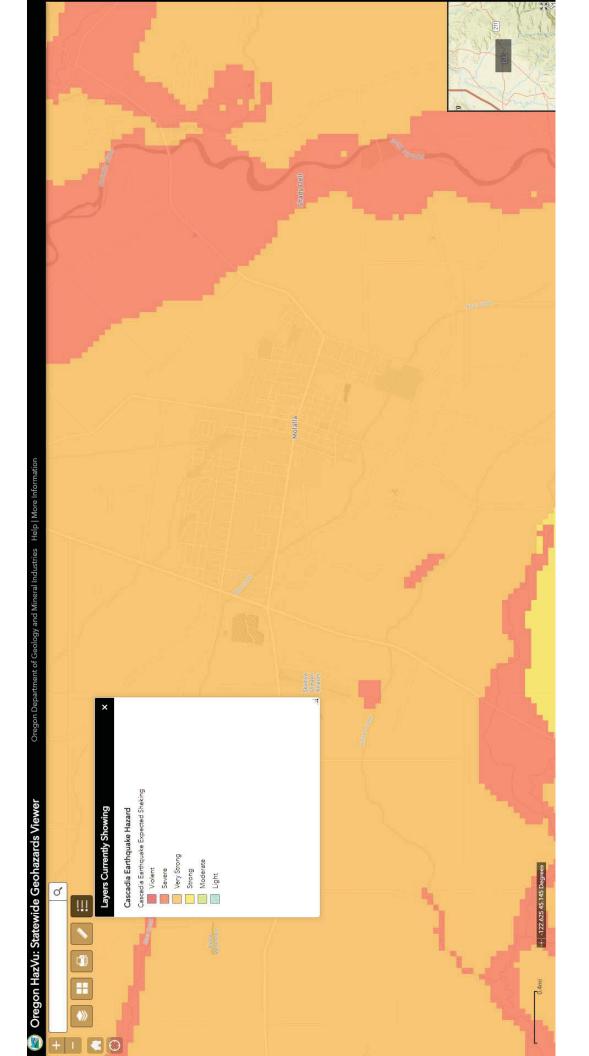
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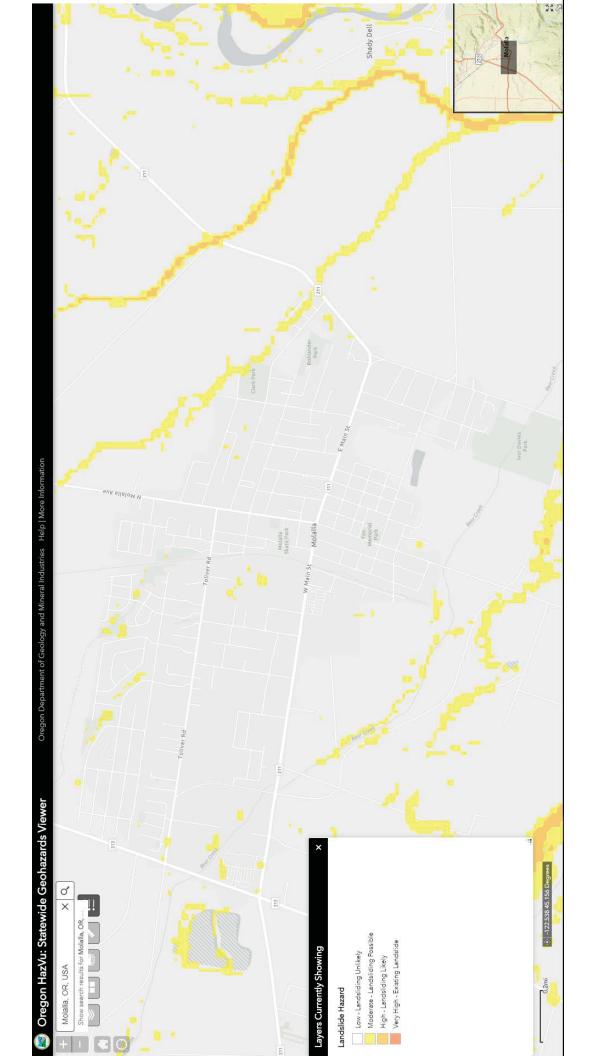
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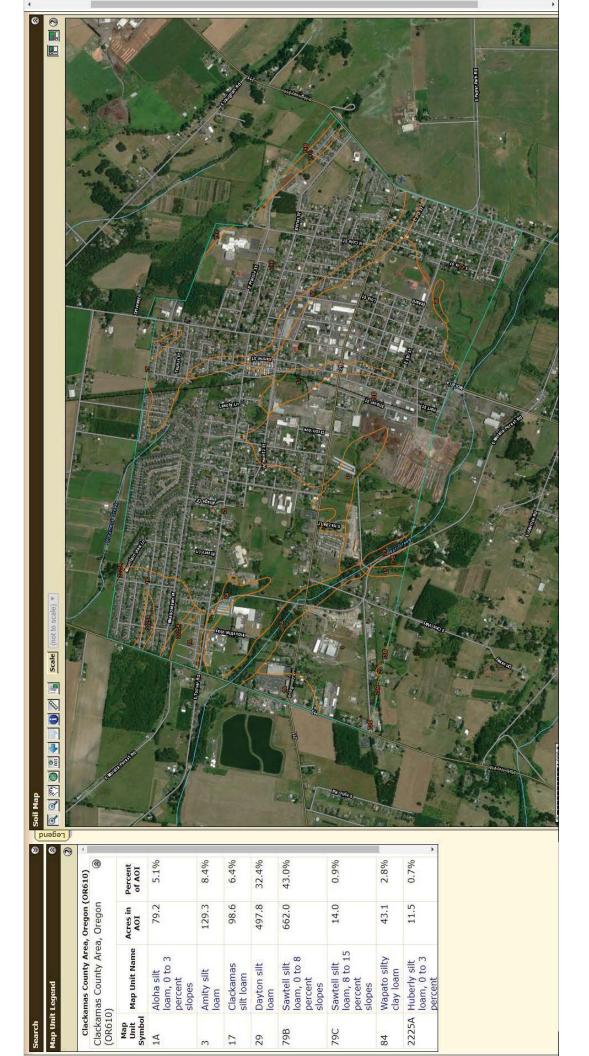
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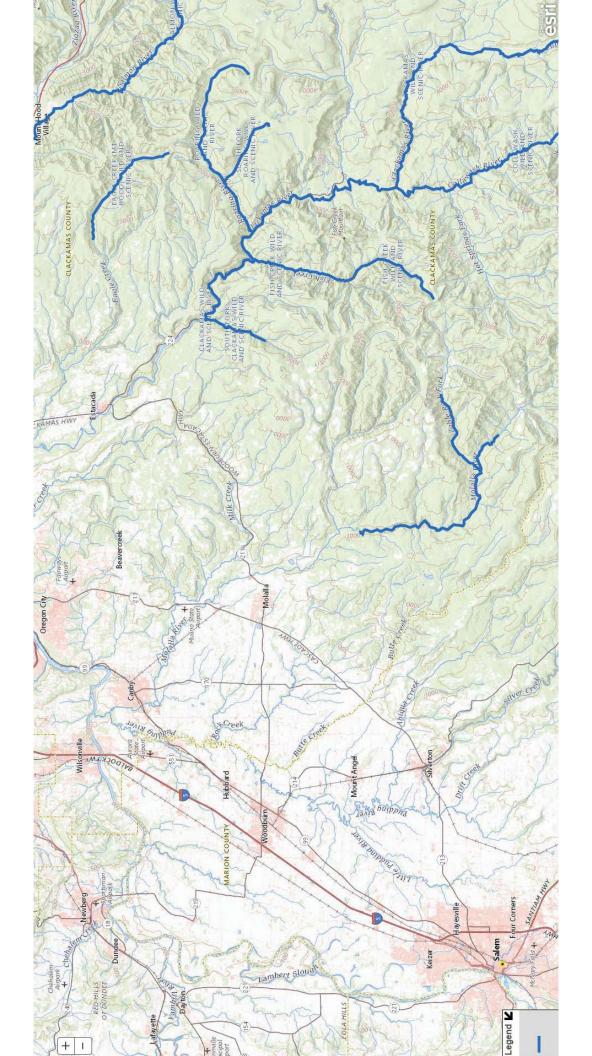
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City of Molalla Local Wetlands and Riparian Inventories



Prepared for

City of Molalla Molalla, Oregon

Prepared by

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

June 2001

APPROVED WETLANDS INVENTORY
Oregon Department of State Lands

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City of Molalla Local Wetlands and Riparian Inventories

Prepared for

Dean Madison City of Molalla PO Box 248 Molalla, Oregon 97038

Prepared by

John van Staveren Patricia Farrell Shawn Eisner Fred Small Caroline Rim

Pacific Habitat Services, Inc.

9450 SW Commerce Circle, Suite 180 Wilsonville, Oregon 97070 (503) 570-0800 (503) 570-0855 FAX PHS Project Number: 2250

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June 2001

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1.0 INTRODUCTION

The City of Molalla (City), through a Wetland Planning Grant from the Department of Land Conservation and Development (DLCD), hired Pacific Habitat Services, Inc. (PHS) to conduct a Local Wetlands Inventory (LWI) for a 1,780-acre study area within the City's Urban Growth Boundary. The study area is in Clackamas County (Township 5 South, Range 2 East, Sections 4, 5, 6, 7, 8, 9, 16, and 17) and includes portions of Bear and Creamery Creeks. 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 part this report.

This report begins by discussing the definitions used in the report and inventory (Section 2), followed by the methodology used to conduct the field work for the LWI, the wetland assessment methodology, and the methodology used to produce the maps for the inventory (Section 3). Cartography for the project is outlined in Section 4; Section 5 outlines staff qualifications of individuals at PHS who worked on the project; Section 6 discusses the study area characteristics, such as the climate, topography, soils and vegetation; Section 7 discusses the Local Wetlands Inventory results, including wetland distribution, acreage, and Cowardin classification, as well as the results of the *Oregon Freshwater Wetland Assessment Methodology*; Section 8 discusses the determination of significant wetlands according to Goal 5; Section 9 discusses the results of the Riparian Assessment; Section 10 provides a project summary; and Section 11 includes references.

There are six 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. Data sheets as well as the questions and answer sheets for the riparian assessment are included in Appendix E. Appendix F contains a non-comprehensive listing of plant species encountered or expected within the project area.

2.0 **DEFINITIONS**

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

1987 Manual

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

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

Cowardin Wetland Classification

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

Goal 5

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

Growing Season

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

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

Hydric Soils

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

Periodic saturation of soils causes alternation of reduced and oxidized conditions, which leads to the formation of redoximorphic features (gleying and mottling). Mineral hydric soils will be either gleyed or will have bright mottles and/or low matrix chroma. The redoximorphic feature known as gley is a result of greatly reduced soil

conditions, which result in a characteristic grayish, bluish or greenish soil color. The term mottling is used to describe areas of contrasting color within a soil matrix. The soil matrix is the portion of the soil layer that has the predominant color. Soils that have brightly colored mottles and a low matrix chroma are indicative of a fluctuating water table.

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

Hydrogeomorphic (HGM) Wetland Classification

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

Hydrophytic Vegetation

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

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

Local Wetlands Inventory (LWI)

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

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

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

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

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

Palustrine System (P--)

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

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.

Emergent Wetland, farmed (PEM)

These wetlands have rooted herbaceous vegetation; the soil surface has been mechanically or physically altered for the production of crops, but hydrophytes will become reestablished if farming is discontinued.

Scrub-shrub Wetland (PSS)

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

Forested Wetland (PFO)

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

Open Water (POW)

A wetland class consisting of areas of water less than 6.6 feet deep.

Open Water, excavated (POWx)

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

Riparian Area

"The area immediately adjacent to a water resource, which affects or is affected by the water resource. Riparian areas do not include the water resource itself." (DSL, 1998)

Riparian Assessment

"Determining the relative quality of a riparian area by assessing its functions." (DSL, 1998)

An evaluation of the ability of the riparian area to provide water quality, flood management, thermal regulation, and wildlife habitat functions. The methodology generally used to determine the relative quality of riparian areas for purposes of an inventory is *The Urban Riparian Inventory and Assessment Guide*.

Riparian Function

A characteristic action or role provided by riparian areas, such as water quality; flood management; thermal regulation; and wildlife habitat. (DSL, 1998)

Riparian Inventory

An inventory of location and extent of riparian areas within the boundaries of the Local Wetlands Inventory using "The Urban Riparian Inventory and Assessment Guide."

Water Resource

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

Waters of the State

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

Wetland

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

Wetland Assessment

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

Wetland Classification

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

Wetland Condition

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

Wetland Function

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

Wetland Hydrology

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

Wetlands Regulation

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

3.0 PROJECT METHODOLOGY

3.1 Public Involvement

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

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

A public meeting was held on April 4, 2001 to introduce the project to the residents of Molalla. This meeting was held prior to the date required for return of the access request letters to answer any questions affected landowners may have had for representatives of the City of Molalla, PHS, or DSL.

A second public meeting will be held in the summer of 2001, to present the draft results of the wetland inventory to the residents of Molalla.

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 Clackamas County Area, Oregon (SCS, 1985), the National Wetlands Inventory maps, October 1998 color aerial photographs at a scale of 1" = 400', and 1991 black and white aerial photographs at a scale of 1" = 200'.

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 March 2001 and June 2001. 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:

<u>Water Quality</u>: None of the streams or waterbodies in the study area are listed as water quality limited on the Oregon Department of Environmental Quality 303(d) list (ODEQ, 1998). 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: DSL Essential Salmonid Habitat (ESH) maps of both Bear Creek and Creamery Creek identified no anadromous fish in any of the streams that flow through Molalla. However, Oregon Guideline for Timing of In-water Work to Protect Fish and Wildlife Resources (Oregon Department of Fish and Wildlife (ODFW), 2000) identifies cutthrout trout (including sea run) as potentially present in Molalla River tributaries, such as Creamery Creek. The Guidelines also listed cutthrout trout, rainbow trout and steelhead (winter) as potentially present in tributaries of the Pudding River (Bear Creek). These listed fish were assumed to be potentially present in the creeks of Molalla. This information was used to answer questions in the Fish Habitat, question 6.

<u>Floodplains</u>: The City of Molalla and vicinity is not included on any Federal Emergency Management Agency (FEMA) 100-year floodplain maps. Question 1 in Hydrologic Control was answered using this information.

<u>Land Use</u>: The City provided a zoning map of properties within city limits, for the study area. A discussion with Shane Potter, city planner for the City of Molalla, identified areas outside city limits, but within the UGB, to be zoned primarily RRFF5 (rural residential farm forest 5-acre). Therefore, questions 6 and 7 in Hydrologic Control and question 5 in Sensitivity to Future Impacts were answered based on this information.

<u>Enhancement Potential</u>: 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 Riparian Inventory

3.4.1 Urban Riparian Inventory and Assessment Guide

The Urban Riparian Inventory and Assessment Guide (Riparian Guide) was used for the Molalla Riparian Inventory. The Riparian Guide depends on a combination of best available knowledge, field observations, and best professional judgment. The methodology is comprised of the riparian inventory and the riparian assessment. The riparian inventory involves gathering and assimilating information pertinent to the project site, developing a base map, and completing the Riparian Characterization Form.

The guide was designed to work in conjunction with the LWI and relies on the same aerial photograph or base map. In addition, coding of the riparian areas is based on hydrologic basins, reflecting the coding system established for the LWI. The inventory portion of the Guide depends on the completion of a Riparian Characterization Form and Riparian Width Determination Form.

A completed Riparian Characterization Form provides information on the physical and biological characteristics of the riparian area, such as vegetation, slope, adjacent land uses, and degree of disturbance. Most of the form was completed on-site, provided access was allowed. However, some portions, such as the mapped soil series, were completed in the office. The questions are answered separately for the riparian areas on both sides of a stream.

The riparian width is measured from the edge of the water resource, typically either the top of a streambank or the outer edge of a wetland, lake, or pond. Riparian areas on both sides of a stream channel are assigned separate widths. Right and left widths are not combined and do not include the channel. The riparian potential width is based on the dominant riparian tree species within 100 feet of the water resource. The height of the dominant tree species at maturity will be used as a distance to define the outer riparian boundary. The height of this tree species at maturity is called the potential tree height (PTH). PTH is used as the potential riparian width because it represents a distance in which a tree can still affect the water resource (e.g. shade, organic material).

Where riparian area trees have been eliminated by land-use activities or natural causes, such as development, land slides, or logging, it may be necessary to extrapolate tree heights from a reference site. The reference site should be similar in character and landscape position and should be located as close as possible to the riparian reach. If a reference site is used, it is noted on the Width Determination Form. If a reference site cannot be located, field observations and reference materials must be used to establish PTH.

Although the riparian width will never exceed the PTH, it may be less than the PTH if impervious surfaces or permanent structures (e.g. buildings or roads) are inventoried within the riparian area. Therefore, on the Riparian Width Determination form, the first width represents the PTH and the second width represents the actual width as determined in the field and during review of aerial photographs.

Completion of the Riparian Width Determination Form also requires drawing a typical cross section through the riparian area.

3.4.2 Riparian Assessment

Riparian areas provide numerous and complex functions that affect both aquatic and terrestrial systems. Many ecological functions of riparian areas are also provided by wetlands, floodplains, and vegetated upland areas.

The Riparian Function Assessment evaluates the ability of the riparian area to provide water quality, flood management, thermal regulation, and wildlife habitat functions. The results indicate whether the functions of each reach are intact, degraded, or severely impacted. The assessment is completed by answering a series of questions. Most of the questions are intended to be answered using data from the Riparian Characterization Form.

Because certain elements or characteristics of a riparian area are more critical to its function, the answers are "weighted." The points are then totaled for each side and for each function. Based on the score, the riparian function will be assessed as high, medium or low. The results of the Riparian Function Assessment for all of the riparian areas within the inventory study area are then transferred to a Riparian Function Assessment Summary Table.

3.4.3 Riparian Functions

Water Quality

Riparian areas can enhance water quality in many ways. Undisturbed, densely vegetated riparian areas trap sediments, inhibit erosion and filter runoff originating from impervious surfaces, lawns, golf courses, etc.

Sedimentation and erosion, although natural processes, are accelerated in urban areas by increased impervious surfaces. Impervious surfaces also inhibit infiltration. Sediment within a riparian area can be from erosion of poorly vegetated uplands, runoff from impervious surfaces, or floods from an adjacent water resource. Sediments often carry nutrients (e.g. phosphates and nitrates) and pollutants (e.g. heavy metals, hydrocarbons) to water resources, altering water chemistry, burying spawning gravels and impacting fish and wildlife habitat. Excessive concentration of nutrients in the water can trigger algal blooms, depleting the water of oxygen required by fish and other aquatic organisms.

The ability of a riparian area to resist erosion is related to slope, soil type, type of vegetation, vegetation cover, landscape position, and degree of human disturbance.

Flood Management

Riparian areas and associated wetlands and floodplains provide a valuable flood management function by reducing the force and volume of floodwaters. Floodwaters flowing into a vegetated flood prone riparian area can be slowed or temporarily stored, reducing peak flows and flooding downstream. Woody vegetation, in particular, resists floodwaters and reduces its velocity. Topographic features, such as swales and depressions, can enhance a riparian area's ability to manage flood flows. Reducing the velocity of floodwaters in the riparian area allows infiltration of water into the soil. Water entering the soil is slowly released into the main channel, delaying its movement downstream.

Thermal Regulation

Water temperature affects the ability of a stream to support viable populations of certain aquatic organisms. Riparian shade, especially forest canopy, moderates temperature within and adjacent to a water resource. Although stream temperatures are important throughout the year, summer temperature is generally more critical for fish species such as salmonids. High water temperatures and sunlight are factors that can promote algal blooms, reducing dissolved oxygen required by anadromous fish and other cold-water dependent organisms.

The aspect or orientation of the water resource and the height of the adjacent riparian vegetation play important roles in how effective riparian vegetation is in providing shade.

Wildlife Habitat

Riparian areas provide valuable habitat for wildlife and influence fish habitat. The highest quality wildlife habitat in urban areas has a variety of plant species and layers, a perennial water source, and some degree of protection or buffering from disturbance.

Riparian areas are particularly important migration corridors between upland and aquatic systems for a wide variety of species. It has been reported that the majority of Oregon's major wildlife species, including amphibians and reptiles, use wetlands or riparian areas during some portion of their life cycle.

4.0 CARTOGRAPHY

Color aerial photographs were obtained for use in the field. These photos are 1998 true color, with a scale of approximately 1 inch = 400 feet. Clear acetate was overlaid and permanently registered on the photographs and preliminary wetland boundaries and data point locations were drawn directly on the acetate in the field. In addition, areas within the project area where permission to enter was denied were drawn on the acetate overlays. The wetland boundaries and approximate affected tax lot boundaries were then transferred into a digital format and inserted into a computer-based map obtained through the City of Molalla from the Clackamas County Department of Information Services – GIS Division.

Additional layers added to the AutoCAD base map included watershed basin boundaries, streams from the USGS, additional geographic names, wetland codes, riparian codes, and sample point locations. A hydrologic basin refers to the drainage area for an individually named stream or creek. There are three hydrologic basins within the study area: Bear Creek, Creamery Creek, and the Molalla River.

A series of 1991 black and white aerial photograph contact prints 1 inch = 200 feet were also used for comparison of certain vegetation and drainage pattern signatures over time.

Each wetland was assigned a code beginning with the three letter watershed designation and a wetland number (e.g. BC-1 for Bear Creek, CC-1 for Creamery Creek and MR-1 for Molalla River). Wetlands that were hydrologically connected but separated by roads or culverts were labeled with a code modifier (e.g. BC-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. CC-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 marked differently on the maps.

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

5.0 STAFF QUALIFICATIONS

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

Professional Wetland Scientist

Project Role:

Project Manager

Project Responsibility:

Contract negotiations, monthly billing

Wetland and riparian inventory field work and assessment

Public presentations Quality control Project coordination

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

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

Patricia Farrell:

Wetland Scientist

Project Role:

Assistant Project Manager

Project Responsibility:

Wetland and riparian inventory field work and assessment

Quality control and editing

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

Shawn Eisner: Wetland Scientist

Project Role:

Wetland Scientist

Project Responsibility:

Wetland and riparian inventory field work and assessment

Quality control and editing

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

Fred Small: Wetland Scientist, Botanist

Project Role:

Botanist, Wetland Scientist

Project Responsibility:

Wetland and riparian inventory field work and assessment

Plant identification and cataloging

Report writing

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

Caroline Rim: Wetland Scientist, Biologist

Project Role:

Wetland Scientist

Project Responsibility:

Wetland and riparian inventory field work and assessment

Caroline Rim's experience as an environmental consultant includes natural resource site assessments in conjunction with wetland delineations, determinations, designing and monitoring wetland mitigation sites, as well as wildlife habitat assessments and environmental permit processing.

Tom Rodgers:

AutoCAD and Arc-Info Specialist

Project Role:

Cartographer

Project Responsibility:

Mapping

Graphics

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

Jane Le Blanc: Technical Editor

Project Role:

Technical Editor

Project Responsibility:

Graphics

Report editing, formatting and layout

Data input

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

6.0 STUDY AREA CHARACTERISTICS

6.1 Setting

The study area includes the City of Molalla 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.

6.2 Topography

The City of Molalla is located along the eastern edge of the Willamette Valley, a broad alluvial valley between the Cascade and Coast Ranges. The City of Molalla lies on the watershed boundary between the Pudding River to the west and the Molalla River to the north and east. The southern portion of Molalla drains towards Bear Creek, which flows directly into the Pudding River. The study area also contains Creamery Creek, a northwesterly flowing tributary of Gribble Creek. The northeast corner of Molalla drains north towards a small unnamed tributary that flows directly into the Molalla River.

Elevations range from approximately 440 feet NGVD along Highway 211 on the east end of Molalla to approximately 285 feet NGVD along Bear Creek, at the west end, just south of Toliver Road.

6.3 Hydrology

6.3.1 Hydrologic Features of the Molalla Study Area

The main hydrologic features of the Molalla area are Bear Creek and Creamery Creek. The southern and western portions of the study area are located within the Bear Creek watershed, a perennial tributary of the Pudding River. The northern portion of the study area drains towards Creamery Creek, an intermittent tributary of Gribble Creek, which flows into the Willamette River.

Bear Creek flows towards the west, through the Molalla area, bordered by relatively level floodplain and/or wetland areas. Much of Bear Creek retains a forested riparian buffer, despite increasing pressure by development. The headwater area of Creamery Creek is located east of Molalla. The creek is culverted or ditched through much of the city. The creek daylights west of Creamery Creek Lane, where it flows through a forested and emergent wetland before returning to a ditch through a developing residential area in former agricultural fields and pasture land.

6.3.2 Watershed Designation

The study area was divided into three watersheds: Bear Creek, Creamery Creek and the Molalla River. The watershed boundaries were based on topography, observations of drainage patterns in the field and the City of Molalla Master Drainage and Preliminary Street Plans map. The watersheds and their sizes are listed in Table 1 below:

Table 1: Watersheds and Acreages for the Molalla LWI

Watershed	Area (acres)
Bear Creek	1,014.50
Creamery Creek	652.59
Molalla River	112.41
Total Project Acreage	1,779.50

6.3.3 Hydrologic Indicators

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

6.4 Soils

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

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

Soil		Hydric	
Series #	Soil Name	Status	
1A	Aloha silt loam, 0 to 3% slopes	Non-Hydric	
3.	Amity silt loam	Non-Hydric	
17	Clackamas silt loam	Non-Hydric	
29	Dayton silt loam	Hydric	
41	Huberly silt loam	Hydric	
79B	Sawtell silt loam, 0 to 8% slopes	Non-Hydric	
79C	Sawtell silt loam, 8 to 15% slopes	Non-Hydric	
84	Wapato silty clay loam	Hydric	

Aloha silt loam is a deep somewhat poorly drained soil. It is found on broad terraces of the Willamette Valley and formed in stratified glaciolacustrine deposits. The slope is 0 to 3 percent. Typically the surface layer is a very dark grayish brown silt loam about 8 inches thick. The upper 27 inches of the subsoil is dark brown, dark grayish brown and yellowish brown silt loam, and the lower 16 inches is dark grayish brown and dark brown loam. The upper 9 inches of the substratum is dark brown loam. Below this are dark grayish brown, stratified very fine sandy loam and silt loam. The lower part of the subsoil and upper part of the substratum in places are slightly brittle and weakly cemented. It is classified as a *fine-silty, mixed, mesic Aquic Xerochrepts*.

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

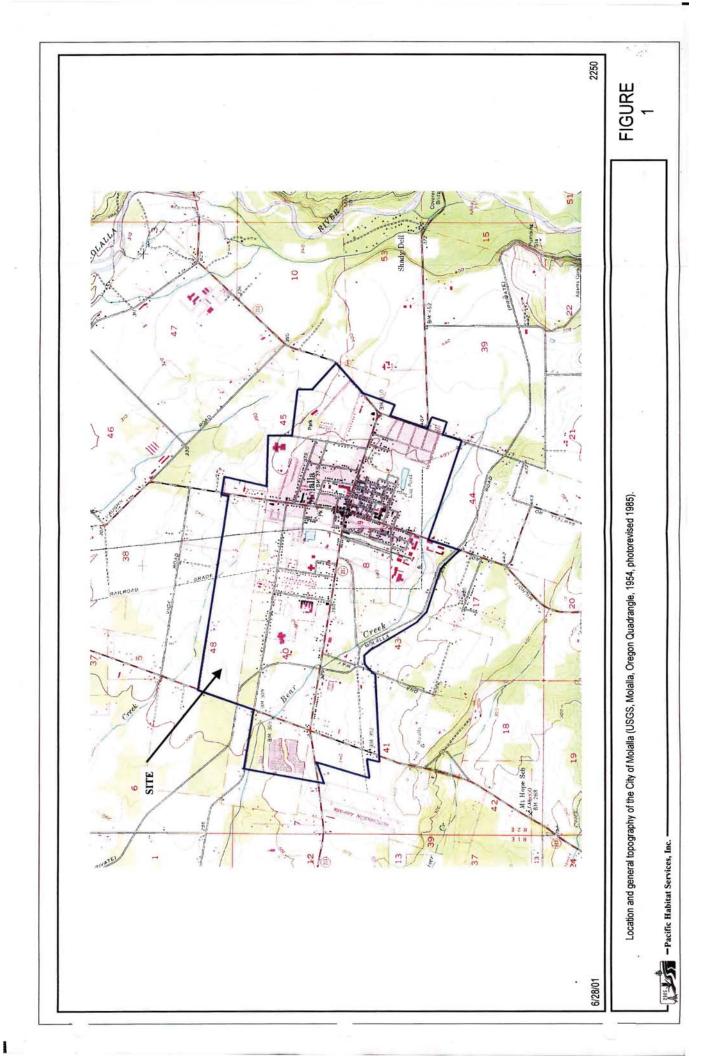




FIGURE 2

Soil Series for the City of Molalla (USDA, SCS, Soil Survey of Clackamas County, Oregon, 1985, Sheet Number 43).



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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*.

Clackamas silt loam is a deep somewhat poorly drained soil. It is found on low terraces and is formed in gravelly mixed alluvium. Slope is 0 to 3 percent. Typically the surface layer is a very dark brown silt loam about 7 inches thick. The upper 14 inches of the subsoil is very dark grayish brown and dark grayish brown silty clay loam, and the lower 16 inches is dark grayish brown gravelly silty clay loam. The substratum to a depth of 60 inches or more is variegated, dark brown extremely gravelly silty clay loam. The depth to the extremely gravelly substratum varies from 24 to 36 inches. It is classified as a *fine-loamy*, mixed, mesic Typic Argiaquolls.

Dayton silt loam is a deep, poorly drained soil. It is found on broad terraces and is formed in stratified glaciolacustrine deposits. Slope is 0 to 2 percent. Typically the surface layer is very dark grayish brown and brown silt loam and silty clay loam about 15 inches thick. The subsurface layer is light brownish gray silty clay lam about 6 inches thick. The subsoil is dark grayish brown clay about 24 inches thick. The substratum to a depth of 60 inches or more is dark brown clay. Depth to the clay ranges from 12 to 24 inches. It is classified as a *fine*, montmorillonitic, mesic Typic Albaqualfs.

Huberly silt loam is a deep, poorly drained soil. It is found in swales of valley terraces and it formed in stratified glaciolacustrine deposits. Slope is 0 to 3 percent. Typically the surface layer is very dark gray silt loam about 8 inches thick. The subsoil is 16 inches thick and is grayish brown silt loam. The substratum to a depth of 60 inches or more is a dark grayish brown, gray and brown silt loam hardpan. The depth to the hard pan varies from 20 to 30 inches. It is classified as a *fine-silty, mixed, mesic Typic Fragiaquepts*.

Sawtell silt loam is deep, moderately well drained soil found on terraces. It formed in gravelly old alluvium and is found on 0 to 8 percent slopes. Typically the surface layer is very dark grayish brown silt loam abut 13 inches thick. The upper 7 inches of the subsoil is dark brown gravelly clay loam and the lower 27 inches is mottled, brown very gravelly clay loam. The substratum to a depth of 60 inches or more is yellowish brown very gravelly clay. The surface layer can be gravelly loam in some areas of similar included soils. It is classified as a loamy-skeletal, mixed, mesic Ultic Argixerolls.

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 to 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.

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.

6.5 Vegetation

6.5.1 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).

6.5.2 Vegetation Communities

Plant communities encountered within the Molalla study area include upland mixed conifer/deciduous forest, riparian forest, agricultural/pastureland, disturbed/urban, and wetland. Wetland communities can be further distinguished as palustrine/open water, palustrine/emergent, palustrine/scrub-shrub, and palustrine/forested, following the Cowardin classification system developed for the 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*). Ponderosa pine (*Pinus ponderosa*) 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 creeks 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

Portions of the study area remain in agricultural use and are primarily used for grazing animals (cattle, sheep, or horses) or small coniferous tree plantations. Some fields of mixed grasses are also apparently used for hay production.

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*), red osier dogwood (*Cornus stolonifera*), Douglas' spiraea (*Spiraea douglasii*), and willows (*Salix* spp.).

Palustrine emergent wetlands in the Molalla 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*).

6.5.3 Wetland and Upland Indicator Species

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

Table 3. Wetland Indicator Codes and Status

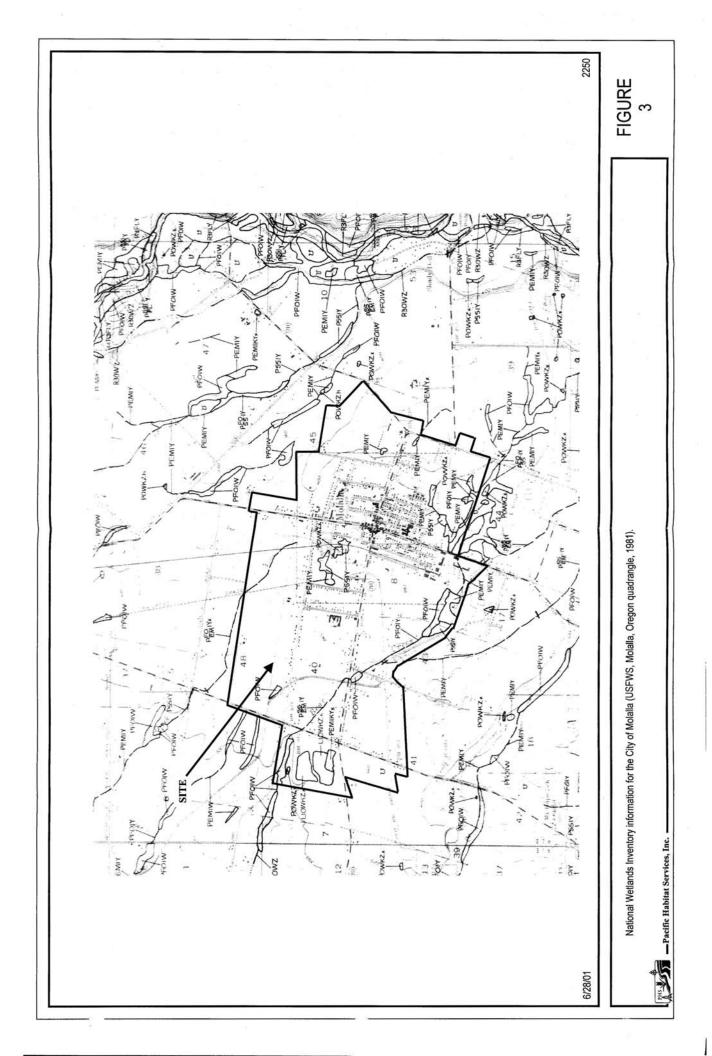
Indicator Code	Status		
OBL Obligate wetland. Estimated to occur almost exclusively in wetlands			
FACW	Facultative wetland. Estimated to occur 67-99% of the time in wetlands.		
FAC	Facultative. Occur equally in wetlands and non-wetlands (34-66%).		
FACU	Facultative upland. Usually occur in non-wetlands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

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

7.0 LWI DISCUSSION AND CONCLUSIONS

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

The U.S. Fish and Wildlife Service, as part of the National Wetlands Inventory (NWI) program, has mapped wetland in the study area (Figure 3). The 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.



7.2 Local Wetlands Inventory Results

7.2.1 Wetland Acreage and Distribution

A total of 64 wetland units were identified during the LWI with a total acreage of 106.76 acres. Of the three watersheds within the study area, Bear Creek has the highest percentage of wetlands within the watershed (82%) and the Molalla River watershed has the smallest percentage (1%). Table 4 summarizes the wetland acreage and distribution in the study area. Figures 4A-4B shows the wetlands for the LWI.

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

	Area	Wetland	Percent of watershed
Watershed	(acres)	(acres)	that is wetland
Bear Creek	1,014.50	85.32	8.4%
Creamery Creek	652.59	20.19	3.1%
Molalla River	112.41	1.25	1.1%
Total Project Acreage	1,779.50	106.76	

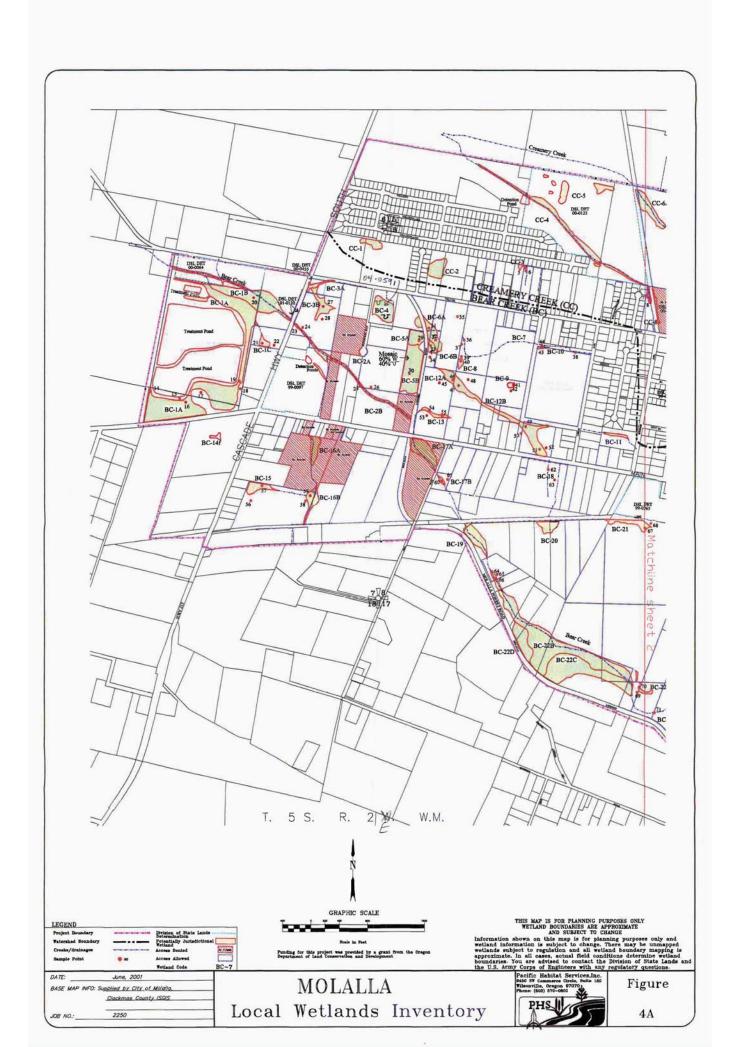
7.2.2 Wetland Classification

Each wetland was classified according to the Cowardin system. Palustrine emergent wetlands (PEM) are the dominant (63%) wetland type in the study area. These wetlands are dominated by herbaceous species, but the natural plant community in many appears to have been altered from a forested system, for the purposes of agriculture or urban development. Palustrine forested (PFO) wetlands were the second most prevalent wetland class (31%), followed by palustrine scrub-shrub (PSS)(5%). Palustrine open water, palustrine open water, excavated and palustrine emergent, farmed combined for the remaining 2%.

Table 5 is a summary of wetland classifications for the Molalla LWI study area. Table 6 (pages 23-24) is a classification table listing each wetland. Appendix A includes a wetland characterization sheet for each inventoried wetland that summarizes the plant communities, hydrology, location, and any general notes about adjacent upland areas.

Table 5. Wetland Classifications found within the Molalla LWI

Wetland Classification	Area (acres)	Percent
Palustrine emergent (PEM)	66.90	63%
Palustrine forested (PFO)	33.17	31%
Palustrine scrub-shrub (PSS)	5.30	5%
Palustrine open water (POW)	.80	1%
Palustrine emergent, farmed (PEMf)	.46	<1%
Palustrine open water, excavated (POWx)	.13	<1%
Total	106.76	100%



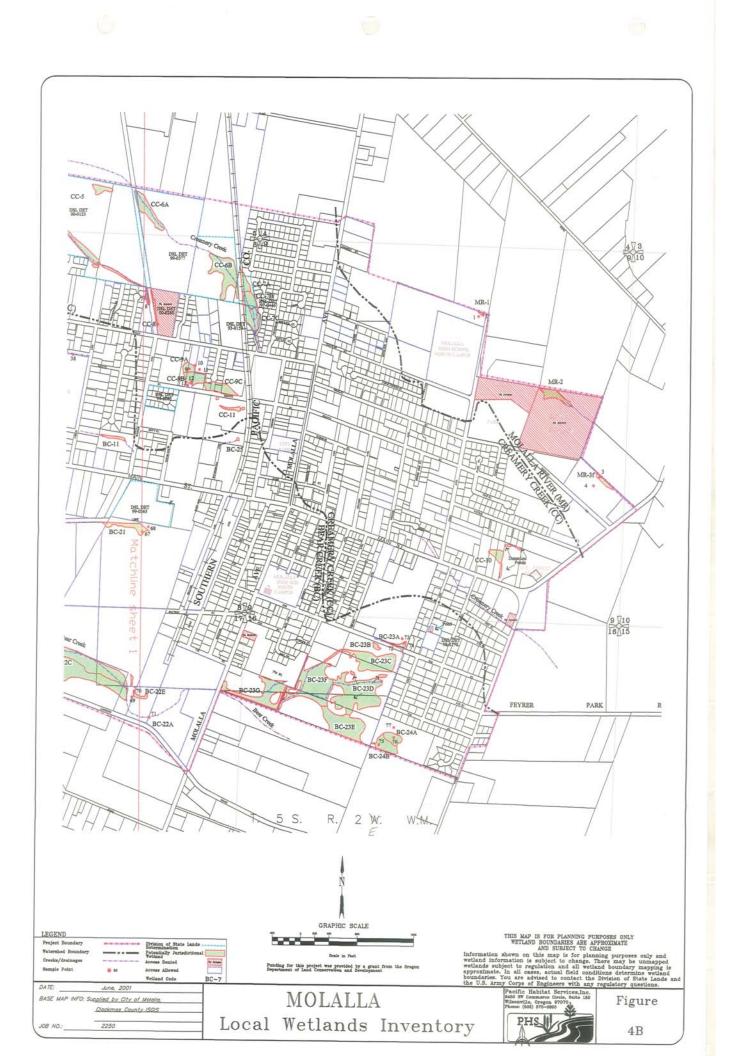


Table 6. Cowardin classification of wetlands identified in the Molalla LWI

Wetland	USFWS Wetland Classification						Total
Code	PFO	PSS	PEM	PEMf	POW	POWx	Acreage
MR-1			0.05	ESTABLISHED THE STREET CO.		2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	0.05
MR-2	0.81		0.09				0.90
MR-3f				0.30			0.30
CC-1		0.61		- 16			0.61
CC-2			1.25				1.25
CC-3			0.08				0.08
CC-4			3.06				3.06
CC-5		2/	1.32				1.32
CC-6A	0.40		1.22				1.62
CC-6B	0.72		2.18				2.90
CC-7A	0.63						0.63
CC-7B			0.81				0.81
CC-7C	1.04	0.26					1.30
CC-8			0.26				0.26
CC-9A			0.44		New 10,411		0.44
CC-9B			1.02				1.02
CC-9C			1.15				1.15
CC-10			0.52				0.52
CC-11		***	0.27		Commodule		0.27
BC-1A			13.92				13.92
BC-1B	4.00	187118	0.44				4.44
BC-1C	0.25		0.13				0.38
BC-2A	1.05						1.05
BC-2B	0.83						0.83
BC-3A			0.33				0.33
BC-3B	11.00		1.01				1.01
BC-4	-105-1		1.82				1.82
BC-5A	0.77	0.40	0.60				1.00
BC-5B			3.68				3.68
BC-6A	1.11		0.24				1.35
BC-6B			0.40				0.40
BC-7			0.24				0.24
BC-8			0.05		*****	0.13	0.18
BC-9			0.15				0.15
BC-10			0.08				0.08
BC-11			0.23				0.23
BC-12A	0.55		100001 (1000)				0.55
BC-12B	4		3.34				3.34
BC-13			0.35				0.35

Table 6, continued

Wetland		US	FWS Wetla	and Classific	ation		Total
Code	PFO	PSS	PEM	PEMf	POW	POWx	Acreage
BC-14f				0.16			0.16
BC-15			0.80				0.80
BC-16A			0.96				0.96
BC-16B			0.96				0.96
BC-17A	1.96						1.96
BC-17B			0.14			-	0.14
BC-18		0.03	0.09				0.12
BC-19	1.45	v					1.45
BC-20			0.84	10.3			0.84
BC-21	0.92						0.92
BC-22A			0.71				0.71
BC-22B	9.84				0.80		10.64
BC-22C			6.19				6.19
BC-22D			1.78				1.78
BC-22E			0.27		75 3146		0.27
BC-23A	0.25						0.25
BC-23B			0.14				0.14
BC-23C			3.49				3.49
BC-23D			6.77				6.77
BC-23E	1.84	2.00					3.84
BC-23F	3.89	2.00			**		5.89
BC-23G	0.90		1.92				2.82
BC-24A	0.73				· ·		0.73
BC-24B			1.08				1.08
BC-25			0.03				0.03
TOTAL	33.17	5.30	66.90	0.46	0.80	0.13	106.76

7.3 Oregon Freshwater Wetland Assessment Methodology Results

7.3.1 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".

7.3.2 Wetland Quality Assessment

An assessment of the quality for each of the wetlands identified through the inventory was conducted using the *Oregon Freshwater Assessment Methodology* (OFWAM) (Roth et al, April 1996). OFWAM assesses 6 functions and 3 conditions, as described in Section 3.3.1. Appendix 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 26) 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 27-28) shows the results of the quality assessment conducted on all of the wetlands identified through the inventory. Some functions or conditions were not applicable to certain wetlands. For instance the methodology states that if a wetland receives an assessment of "diverse wildlife habitat" then the enhancement potential assessment is not applicable. In addition, if there was no likelihood of fish habitat in the wetlands the fish habitat assessment was not applicable.

Table 7. Key to the *Oregon Freshwater Wetland Assessment Methodology* Numerical Ranking

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

Oregon Freshwater Wetland Assessment Methodology Numerical Ranking Results for the Molalla Local Wetlands Inventory Table 8.

lity Control	er Hydrologic lity Control	ပ္		Sensitivity to Impact	Enhancement Potential	Education	Recreation	Aesthetic Quality	Size (acres)
. 2	n/a	3	2	2	1	2	3	1	0.05
2	2	1	2	2	1	3	3	1	06'0
2	n/a	7	2	2	2	3	3	1	0.30
2	n/a	2	1	2	1	3	3	3	19.0
2	n/a	2	2	2	1	3	3	3	1.25
2	n/a	2	2	2	1	3	3	3	80.0
2	2	2	2	2	1	3	3	3	3.06
2	n/a	7	2	2	1	3	3	3	1.32
2	2	2	2	2	1	3	3	2	1.62
2	2	2	2	2	1	3	3	2	2.90
CC-7A 2	1	2	2	2	1	3	3	2	0.63
CC-7B 2	2	1	2	2	1	3	3	2	0.81
CC-7C 2	2	-	2	2	1	2	2	1	1.30
2	n/a	2	2	2	2	3	3	3	0.26
2	n/a	2	2	2	2	3	3	1	0.44
CC-9B 2	n/a	1	1	2	2	3	3	1	1.02
CC-9C 2	n/a	1	2	2	2	3	3	1	1.15
2	n/a	2	2	2	2	3	3	1	0.52
2	n/a	2	2	2	2	3	3	3	0.27
2	n/a	2	2	2	1	2	1	3	13.92
BC-1B 1	1	1	2	2	n/a	3	3	1	4.44
BC-1C 1	n/a	2	2	2	n/a	3	3	1	0.38
1	1	2	2	2	n/a	3	3	2	1.05
1	1	2	2	2	n/a	3	3	2	0.83
BC-3A 2	n/a	2	2	2	1	3	3	3	0.33
BC-3B 2	n/a	2	2	2	2	3	3	2	1.01
2	n/a	2	2	2	2	3	3	3	1.82
BC-5A 2	n/a	2	2	2	1	3	3	2	1.00
BC-5B 2	n/a	2	2	2	1	3	3	2	3.68
2	n/a	2	1	2	1	2	2	1	1.35
BC-6B 2	n/a	2	2	2	1	2	3	2	0.40

Table 8, continued

والال			Yalcı	Hydronogic	Scholing	Ennancement			Aestnetic	2770
Cour	Habitat	Habitat	Quality	Control	to Impact	Potential	Education	Recreation	Quality	(acres)
BC-7	2	n/a	2	2	2	2	2	1	3	0.24
BC-8	2	2	2	2	2	1	2	1	1	0.18
BC-9	2	n/a	2	2	2	2	3	3	1	0.15
BC-10	2	n/a	2	2	2	2	2	1	3	0.08
BC-11	2	n/a	2	2	2	1	3	3	1	0.23
BC-12A	1	n/a	2	1	2	n/a	3	3	2	0.55
BC-12B	2	n/a	2	2	2	1	2	3	3	3.34
BC-13	2	n/a	2	3	2	3	3	3	1	0.35
BC-14f	2	n/a	3	2	2	2	3	3	1	0.16
BC-15	2	n/a	2	2	2	2	2	3	2	08.0
BC-16A	2	n/a	2	2	2	1	3	3	2	96.0
BC-16B	2	n/a	2	2	2	1	3	3	1	96.0
BC-17A	2	1	2	2	2	1	3	3	2	1.96
BC-17B	2	1	1	3	2	2	3	3	1	0.14
BC-18	2	n/a	2	3	2	2	3	3	2	0.12
BC-19	1	1	2	2	2	n/a	3	3	2	1.45
BC-20	2	n/a	2	3	2	3	3	3	1	0.84
BC-21	2	n/a	2	2	2	2	3	3	3	0.92
BC-22A	2	2	2	2	2	2	3	3	3	0.71
BC-22B	1	1	1	1	2	n/a	3	. 3	1	10.64
BC-22C	2	n/a	2	2	2	1	3	3		61.9
BC-22D	2	n/a	2	2	2	1	3	3	1	1.78
BC-22E	2	n/a	2	2	2	2	3	3	3	0.27
BC-23A	2	n/a	2	2	2	1	2	2	2	0.25
BC-23B	2	n/a	3	2	2	3	3	3	3	0.14
BC-23C	2	n/a	2	2	2	1	. 3	3	3	3.49
BC-23D	2	n/a	2	2	2	1	3	3	3	6.77
BC-23E	2	n/a	2	2	2	1	3	3	3	3.84
BC-23F	2	n/a	2	2	2	1	3	3	3	5.89
BC-23G	2	2	2	2	2	1	3	3	3	2.82
BC-24A	2	n/a	1	2	2	1	2	2	1	0.73
BC-24B	2	n/a	1	2	2	1	2	2	1	1.08
BC-25	2	n/a	3	2	2	3	3	3	1	0.03

City of Molalla Local Wetlands and Riparian Inventories Page - 28 - In general, the majority (89%) of the wetlands provided wildlife habitat for some species. Diverse wildlife habitat was limited to those wetlands which had a variety of strata (trees, shrubs, herbaceous), and which were adjacent, or connected to, other wetlands or surface water. Due to encroachment by residential development and agriculture, only 7 of the 64 wetlands (11%) met this criterion.

The majority of the wetlands (73%) were not assessed for the fish habitat function due to the lack of perennial surface water or connection to surface water. Of the 17 wetlands which were assessed for fish habitat, 8 (13%) were determined to have intact fish habitat due to perennial surface water, large woody debris, shade, and natural, unmodified channels. The other 9 wetlands (14%) 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 8 wetlands (13%) 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 52 wetlands (81%) had impacted or degraded water quality.

Hydrologic control was generally assessed as impacted or degraded (86%), or lost or not present (4%) due to unrestricted outflow, dominance of emergent vegetation, and surrounding agricultural lands or downstream open space. Five (5) of the 64 wetlands (8%) 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 their proximity to recent and historically developed areas.

8.0 SIGNIFICANT WETLANDS DETERMINATION

8.1 Locally Significant Wetlands Criteria

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

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

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 <u>and</u> 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 <u>and</u> Provides diverse wildlife habitat or habitat for some species <u>or</u>
 Has a intact, or impacted or degraded fish habitat function <u>or</u>
 Has a intact, or impacted or degraded water quality function <u>or</u>
 Has a intact, or impacted or degraded hydrologic control function.
- 2 Is the wetland publicly owned and used by a school or organization and Does the wetland provide *educational uses*?

8.2 Applying Significant Wetland Criteria to the LWI Study Area

The locally significant wetlands criteria were applied to the 64 wetlands within the study area. Nineteen (19) wetlands satisfied the criteria for significant wetlands. The results of applying the criteria are included in Appendix D. These are summarized in Table 10:

Table 10. Locally Significant Wetlands in the Molalla LWI

MR-2	BC-1B	BC-17B
CC-1	BC-1C	BC-19
CC-7A	BC-2A	BC-22B
CC-7B	BC-2B	BC-24A
·CC-7C	BC-6A	BC-24B
CC-9B	BC-12A	
CC-9C	BC-17A	

Twelve (12) of the 45 wetlands (27%) in the Bear Creek wetlands; 6 of the 16 (38%) Creamery Creek wetlands; and 1 of the 3 (33%) Molalla River 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 Bear Creek. Although other wetlands within the study area are valuable for some functions, they do not satisfy the mandatory significant wetlands criteria.

9.0 RIPARIAN INVENTORY RESULTS

9.1 Location, Width and Quality of Riparian Areas

The *Urban Riparian Inventory and Assessment Guide* (Riparian Guide) (DSL 1998) was used to identify the width of riparian areas within the project area. The Riparian Guide is a method of determining the width of riparian areas adjacent to wetlands, creeks, and lakes (water resources). The Riparian Guide includes a riparian function assessment, which evaluates the ability of the riparian area to provide water quality, flood management, thermal regulation, and wildlife habitat functions. The results indicate whether the functional integrity of each reach is high, medium, or low. The widths, lengths and acreage of the riparian areas are listed in Table 11 (next page).

9.2 Riparian Acreage and Distribution

Twenty-four (24) riparian assessments were conducted in the project area associated with Bear Creek and Creamery Creek. Each riparian area was assigned a code and a modifier for right or left side, and a watershed code (e.g. R-BC-2L, R-BC-2R). A data sheet was compiled which documents the existing riparian characteristics and establishes the riparian width based on potential tree height (PTH) and actual site conditions (Appendix E). The majority of the assessments were on-site observation. Off-site assessments were based on observation from an off-site vantage point or review of maps and aerial photos.

Potential tree heights were based on Oregon ash (75-foot PTH), the dominant tree in the stream side riparian areas in Molalla. Riparian areas were generally gently sloping and forested or potentially forested. Figures 5A-5B show the location of the riparian assessments, the riparian reaches, and the width of the riparian areas. The following table summarizes the riparian area widths, lengths and potential tree heights.

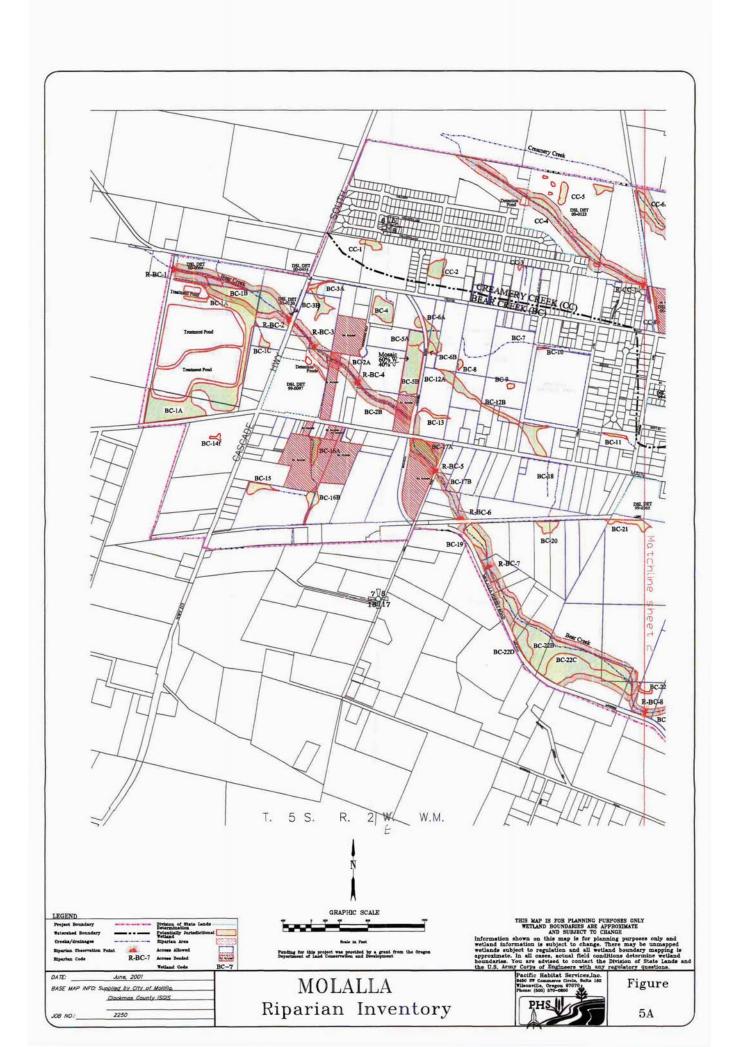
Table 11. Riparian Corridors and Their Widths for the Molalla Riparian Inventory

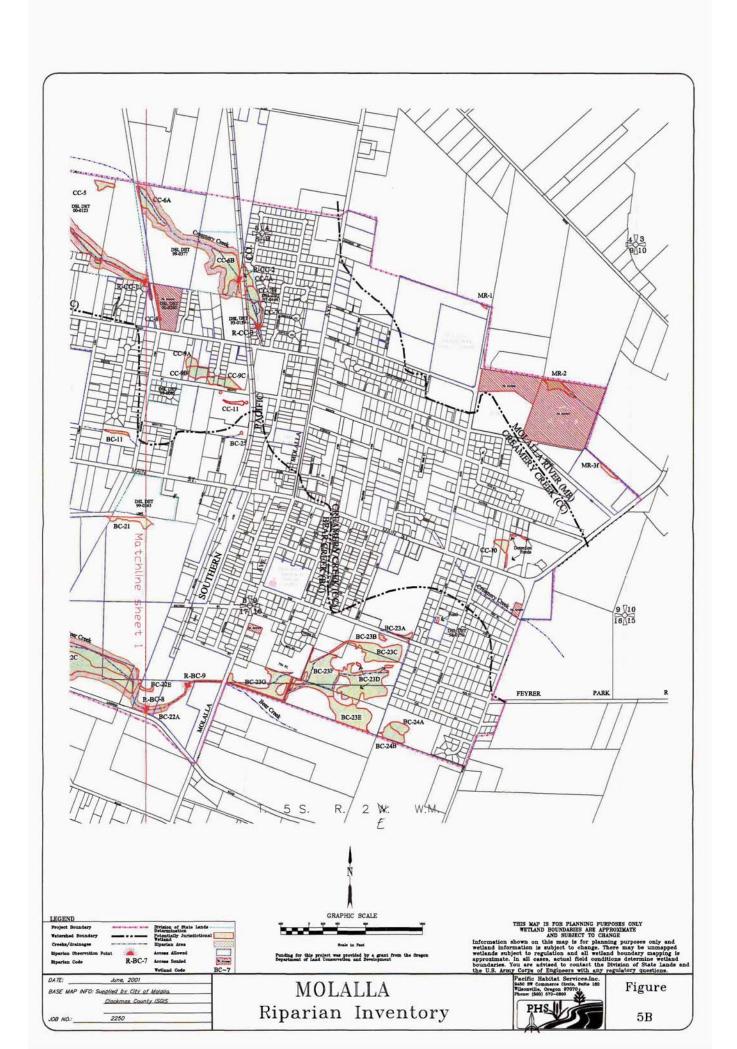
RIPARIAN AREA CODE	Potential Tree Height (PTH) (ft)	Actual Riparian width (ft)	Riparian Area length (ft)
R-CC-1L	75	10-15	2,900
R-CC-1R	75	10-15	2,900
R-CC-2L	75	20-50	2,000
R-CC-2R	75	20-50	2,000
R-CC-3L	75	75	600
R-CC-3R	75	50-75	600
R-BC-1L	75	75	1,325
R-BC-1R	75	75	1,325
R-BC-2 L	75	25	550
R-BC-2 R	75	25	550
R-BC-3L	75	75	400
R-BC-3R	75	15-50	400
R-BC-4L	75	25-50	800
R-BC-4R	75	75 .	800
R-BC-5L	75	50-75	1,800
R-BC-5R	75	50-75	1,800
R-BC-6L	75	50	1,325
R-BC-6R	75	75	1,325
R-BC-7L	75	50-75	825
R-BC-7R	75	75	825
R-BC-8L	75	25-75	3,350
R-BC-8R	75	25-75	3,350
R-BC-9L	75	10	350
R-BC-9R	75	10	350

As the table shows, the majority of riparian widths are based on the PTH of Oregon ash. In addition, many existing riparian areas are narrower than the PTH, indicating that development has encroached on many of the areas.

9.3 Riparian Assessment Results

An assessment of four riparian functions, water quality, flood management, thermal regulation, and wildlife habitat, was conducted for each of the riparian areas. The questions and answer sheets for the riparian assessment are included in Appendix E. The riparian functions are described in Section 3.4.3.





The riparian assessment is completed by answering a series of questions relating to the riparian functions. Each answer is assigned a score that reflects its overall importance to the function. Questions that were answered "a" received a higher score than "c" answers. After the score was totaled for each function, it was assigned a rating of high (H), medium (M), or low (L) according to the results. Table 12 summarizes the results of the riparian functional assessment.

Table 12. Summary of Molalla's Riparian Functional Assessments

Riparian Code	Water Quality	Flood Management	Thermal Regulation	Wildlife Habitat
R-CC-1L	M	L	L	L
R-CC-1R	M	L	L	L
R-CC-2L	M	M	M	M
R-CC-2R	M	M	M	M
R-CC-3L	H	H	M	H
R-CC-3R	M	M	M	M
R-BC-1L	Н	M	Н	Н
R-BC-1R	H	M	H	H
R-BC-2L	Н	M	M	M
R-BC-2R	Н	M	M	M
R-BC-3L	H	M	H	H
R-BC-3R	Н	M	Н	M
R-BC-4L	H	M	M	M
R-BC-4R	H	M	M	M
R-BC-5L	H	H	Н	Н
R-BC-5R	Н	H	Н	Н
R-BC-6L	Н	Н	H	M
R-BC-6R	Н	H	H	H
R-BC-7L	H	H	Н	Н
R-BC-7R	Н	Н	Н	Н
R-BC-8L	H	M	Н	H
R-BC-8R	M	M	H	M
R-BC-9L	L	L L	M	L
R-BC-9R	L	L	M	L

H = High M = Medium L = Low

The majority of the riparian areas (71%) received a high assessment for at least one of the four functions. The majority (67%) provide a high water quality function due to a dominance of woody trees and shrubs in the riparian areas and low extents of impervious surfaces. Thermal regulation was assessed with a high functional integrity in 50% of the riparian assessment areas, primarily reaches with wide riparian buffers and good tree cover. The flood management function was generally ranked as medium due to historic residential and agricultural encroachment that has eliminated or decreased the functionality of creek-side floodplain areas, thereby limiting the potential for flooding.

Wildlife habitat was usually either medium or high for the riparian areas due to the presence of perennial surface water, well vegetated areas, and lack of impervious surfaces in the vicinity of the resource.

In general the riparian areas of Molalla are in relatively good condition, with the exception of reaches through agricultural fields or pasture areas. In these areas grazing and planting occur right up to the edge of the resource, degrading the riparian zone and its functionality.

10.0 PROJECT SUMMARY

- The City of Molalla hired Pacific Habitat Services, Inc. (PHS) to conduct a Local Wetlands Inventory (LWI) and Riparian Inventory for areas within the City's Urban Growth Boundary.
- The project area is approximately 1,780- acres, including portions of three watersheds; Bear Creek, Creamery Creek and an unnamed tributary of the Molalla River.
- Field work was conducted between March 2001 and June 2001. 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 64 wetland units were identified in the project area, with a combined acreage of approximately 106.76 acres.
- Most of the wetlands can be classified as palustrine emergent (63%), followed by palustrine forested (31%) and palustrine scrub-shrub (5%). Palustrine open water, palustrine open water, excavated and palustrine emergent, farmed combined for the remaining 2%.
- None of the wetlands met the criteria for "wetlands of special interest for protection".
- Nineteen (19) of the 64 wetlands met the criteria for Locally Significant Wetlands due to diverse wildlife habitat, intact fish habitat, intact water quality function and/or intact hydrologic control function.
- The riparian inventory assessed 24 areas associated with Bear Creek or Creamery Creek.
- Riparian widths in the project area range from 10 to 75 feet, based on actual site conditions and potential tree height.
- Seventy-one percent (71%) of the riparian areas were assessed with at least one function (water quality, flood management, thermal regulation, wildlife habitat) as having high functional integrity.

11.0 REFERENCES

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Appendix A

Wetland Characterization Sheets





Project Name: Molalla LWI

		Wetland Code:	MR-1
Date(s) of field work:	4/25/01	Size (acres):	0.05
Data Sheet Numbers:	MR-1-1, MR-1-2	Cowardin Class(es):	PEM
Investigator(s):	SE,FS	HGM Class(es):	DCNP

Location -- Legal: T. 5S, R. 2E, Section 9

Other: Molalla High School

Tax Lots: **52E09 00600**Hydrologic basin: **Molalla River**

Soil -- Mapped series: Sawtell silt loam, 3-8% slopes

Hydrologic Source: Groundwater

TREES	SHRUBS	VINES	HERBS
	Fraxinus latifolia		Festuca arundinacea
W 1100	Rosa pisocarpa		Agrostis tenuis
			Juncus tenuis
			Festuca rubra
		Parameter 1000000 and 10000000	Holcus lanatus
			Plantago lanceolata

Comments:

Located in northeast corner of Molalla High School property. Area is on the edge of Urban Growth Boundary. Unable to identify northern boundary due to a fence line between properties. Zoned Public/semi-Public. Adjacent land use is developed (school) and undeveloped riparian forest.

Adjacent Upland Species: Crataegus monogyna, Rhamnus pershiana, Cytisus scoparius, Rubus discolor, Rubus ursinus, Festuca arundinacea, Agrostis tenuis

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



Project Name: Molalla LWI

			TO STATE OF THE PARTY OF THE PA
		Wetland Code:	MR-2
Date(s) of field work:	OFF-SITE	Size (acres):	0.90
Data Sheet Numbers:	N/A	Cowardin Class(es):	PEM, PFO
Investigator(s):	· PF	HGM Class(es):	DCNP

Location -- Legal: T. 5S, R. 2E, Section 9

Other: North of Molalla Buckaroo Stadium

Tax Lots: 52E09 00400, 52E09 00402

Hydrologic basin: Molalla River

Soil -- Mapped series: Sawtell silt loam, 3-15% slopes

Hydrologic Source: Groundwater

TREES	SHRUBS	VINES	HERBS
Fraxinus latifolia	Fraxinus latifolia		
	Salix sp.		
			- Control of the Cont

Comments:

Locally Significant Wetland

OFF-SITE. Analysis included observations from adjacent property, aerial photographs and aerial fly-over. Located north of Molalla Buckaroo Stadium. Area is on the edge of Urban Growth Boundary (UGB). Wetland potentially extends to the north, beyond the UGB. Zoned Public/semi-Public. Adjacent land use is primarily agriculture. Wetland is partially forested and also has small pond.

Adjacent Upland Species: mowed grasses

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



Project Name: Molalla LWI

		Wetland Code:	MR-3f
Date(s) of field work:	4/25/01	Size (acres):	0.30
Data Sheet Numbers:	MR-3-3, MR-3-4	Cowardin Class(es):	PEMf
Investigator(s):	SE,FS	HGM Class(es):	DCNP

Location -- Legal: T. 5S, R. 2E, Section 9

Other: West of Hwy 211, north of Shirley Street (east end of Molalla)

Tax Lots: 52E09 00200

Hydrologic basin: Molalla River
Soil -- Mapped series: Sawtell silt loam, 8-15% slopes

Hydrologic Source: Groundwater

TREES	SHRUBS	VINES	HERBS
			Festuca arundinacea
			Alopecurus pratensis
1.0			Holcus lanatus
			Poa pratensis
			Festuca rubra
		100 C	

Comments:

Located in northeast corner of Molalla, north of Shirley Street. Area is on the edge of Urban Growth Boundary. Wetland is located south of an acricultural ditch that drains runoff from Hwy 211, to the west. Zoned Single family residential. Adjacent land use is agriculture fields and pastures.

Adjacent Upland Species: Daucus carota, Alopecurus pratensis, Dactylis glomerata, Festuca arundinacea, Vicia sativa, Geranium robertiaum, Taraxacum officinale

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



Project Name: Molalla LWI

2		Wetland Code:	CC-1
Date(s) of field work:	OFF-SITE	Size (acres):	0.61
Data Sheet Numbers:	N/A	Cowardin Class(es):	PSS
Investigator(s):	SE/PF	HGM Class(es):	DCNP

Location -- Legal: T. 5S, R. 2E, Section 7
Other: North of Toliver Road
Tax Lots: 52E07AA 00501, 02200
Hydrologic basin: Creamery Creek
Soil -- Mapped series: Wapato silty clay loam
Hydrologic Source: Groundwater

TREES	SHRUBS	VINES	HERBS
Fraxinus latifolia	Salix scouleriana		Geum macrophyllum
Populus trichocarpa	Rosa nutkana		Juncus effusus
	Fraxinus latifolia		Holcus lanatus
	Populus trichocarpa		Phalaris arundinacea
	Spiraea douglasii		Carex sp.

Comments:

Locally Significant Wetland

OFF-SITE. Located between Oriental and Ventmor Courts, south of Big Meadow Subdivision. Zoned Multifamily residential. Adjacent land use is developing residential.

Adjacent Upland Species: Quercus garryana, Rumex acetosella, Trifolium repens, Daucus carota, Chrysanthemum leucanthemum, Rubus ursinus, Rubus discolor, Crateagus monogyna, Parentucellia viscosa

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



Project Name: Molalla LWI

		Wetland Code:	CC-2
Date(s) of field work:	OFF-SITE	Size (acres):	1.25
Data Sheet Numbers:	N/A	Cowardin Class(es):	PEM
Investigator(s):	PF/ JVS	HGM Class(es):	DCNP

Location -- Legal: T. 5S, R. 2E, Section 7

Other: North of Toliver Road, west of Oriental Court

Tax Lots: 52E07AA 00101, 00200

Hydrologic basin: Creamery Creek

Soil -- Mapped series: Dayton silt loam

Hydrologic Source: Groundwater

ninant Wetland Veget	tation		
TREES	SHRUBS	VINES	HERBS
			Alopecuris pratensis
			Holcus lanatus
			Carex spp.
			Juncus spp.

Comments:

OFF-SITE. Located north of Toliver Road in undeveloped portion of a residential yard. Mowed grass field. Zoned Single Family Residential. Adjacent land use is developing residential.

Adjacent Upland Species: Festuca arundinacea

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



Project Name: Molalla LWI

		Wetland Code:	CC-3
Date(s) of field work:	4/20/01	Size (acres):	0.08
Data Sheet Numbers:	5, 6	Cowardin Class(es):	PEM
Investigator(s):	PF/CR	HGM Class(es):	DCNP

Location -- Legal: T. 5S, R. 2E, Section 8
Other: North of Toliver Road.
Tax Lots: 52E08BB 00500, 00700
Hydrologic basin: Creamery Creek
Soil -- Mapped series: Dayton silt loam
Hydrologic Source: Groundwater

TREES	SHRUBS	VINES	HERBS
	Populus trichocarpa		Epilobium watsonii
			Epilobium sp.
			Juncus ensifolius
			Juncus tenuis
			Agrostis tenuis

Comments:

Located north of Toliver Road. Wetland borders Big Meadow Subdivision, to the north. Shallow swale between rows of recently planted pine trees. There is an excavated drainage ditch along north and east edges. Zoned Single Family Residential. Adjacent land use is developing residential.

Adjacent Upland Species: Pinus contorta, Populus trichocarpa, Epilobium watsonii, Chrysanthemum leucanthemum, Geranium robertiaum, Cardamine oligosperma, Crepis setosa, Taraxacum officinale, Panicum capillare

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



Project Name: Molalla LWI

		Wetland Code:	CC-4
Date(s) of field work:	5/1/01 and OFF-SITE	Size (acres):	3.06
Data Sheet Numbers:	CC-4-7, CC-4-08	Cowardin Class(es):	PEM
Investigator(s):	SE/PF	HGM Class(es):	RI

Location -- Legal: T. 5S, R. 2E, Sections 5 and 8
Other: In Big Meadow Subdivision.

Tax Lots: 52E05 02201, 02600, 02800, 52E08AB 00500
Hydrologic basin: Creamery Creek
Soil -- Mapped series: Dayton silt loam
Hydrologic Source: Creamery Creek

TREES	SHRUBS	VINES	HERBS
		Solanum dulcamara	Phalaris arundinacea
			Galium aparine
			Conium maculatum
			Ranunculus repens

Comments:

OFF-SITE along Creamery Creek. On-site at east end by railroad tracks. Located in Big Meadow Subdivision, extending from old railroad bed northwest along Creamery Creek to the Urban Growth Boundary. DSL determination #00-0123. Zoned Two Family Residential. Adjacent land use is developing residential.

Adjacent Upland Species: Crataegus douglasii, Festuca arundinacea, Cirsium vulgare, Taraxacum officinale, Trifolium pratense, Hypochaeris radicata

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



Project Name: Molalla LWI

		Wetland Code:	CC-5
Date(s) of field work:	OFF-SITE	Size (acres):	1.32
Data Sheet Numbers:	N/A	Cowardin Class(es):	PEM
Investigator(s):	SE/FS	HGM Class(es):	DCNP

Location -- Legal: T. 5S, R. 2E, Section 5
Other: In Big Meadow Subdivision.
Tax Lots: 52E05 02201, 02800
Hydrologic basin: Creamery Creek
Soil -- Mapped series: Dayton silt loam

Hydrologic Source: Groundwater

ominant Wetland Vegetation			
TREES	SHRUBS	VINES	HERBS

Comments:

OFF-SITE. Located in Big Meadow Subdivision. Series of closed depressional wetlands located primarily south of Creamery Creek and south of the Urban Growth Boundary in agricultural fields. DSL determination #00-0123. Zoned Two Family Residential. Adjacent land use is developing residential.

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



Project Name: Molalla LWI

		Wetland Code:	CC-6A
Date(s) of field work:	OFF-SITE	Size (acres):	1.62
Data Sheet Numbers:	0	Cowardin Class(es):	PEM/PFO
Investigator(s):	SE/PF	HGM Class(es):	RFT

Location -- Legal: T. 5S, R. 2E, Section 5
Other: North of Toliver Road, east of old road bed
Tax Lots: 52E05 02200
Hydrologic basin: Creamery Creek
Soil -- Mapped series: Dayton silt loam
Hydrologic Source: Creamery Creek

TREES	SHRUBS	VINES	HERBS
Alnus rubra	Spiraea douglasii	Rubus discolor	Phalaris arundinacea
Fraxinus latifolia	Rosa pisocarpa		Ranunculus repens
	Salix sp.		Lotus corniculatus
			Juncus effusus
X			
- and Co			

Comments:

OFF-SITE. Located north of Toliver Road, east of old road bed. Wetland is hydrologically connected to CC-6B, to the south, by a branch of Creamery Creek. The creek is a narrow channel through the middle of the wetland. DSL Determination #99-0377. Zoned Single family residential. Adjacent land use is agriculture (tree farm) and open space.

Adjacent Upland Species: Malus fusca, Crataegus monogyna, Pseudotsuga menziesii, Rubus discolor, Rubus laciniatus, Festuca arundinacea, Holcus lanatus, Crepis capillaris, Agrostis alba, Daucus carota, Dactylis glomerata

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



Project Name: Molalla LWI

		Wetland Code:	CC-6B
Date(s) of field work:	OFF-SITE	Size (acres):	2.90
Data Sheet Numbers:	N/A	Cowardin Class(es):	PEM/PFO
Investigator(s):	SE/PF	HGM Class(es):	RFT

Location -- Legal: T. 5S, R. 2E, Section 5

Other: North of Toliver Road, west of railroad tracks

Tax Lots: 52E05 02000

Hydrologic basin: Creamery Creek

Soil -- Mapped series: Dayton silt loam / Sawtell silt loam 3-8% slopes

Hydrologic Source: Creamery Creek

TREES	SHRUBS	VINES	HERBS
Fraxinus latifolia	Malus fusca	Rubus discolor	Phalaris arundinacea
			Ranunculus repens
			Holcus lanatus
			Agrostis alba
			Centaurium erythraea
			Dactylis glomerata
			Festuca arundinacea
		45	

Comments:

OFF-SITE. Located north of Toliver Road, west of railroad tracks. Wetland is hydrologically connected to CC-6A, to the north, by a branch of Creamery Creek. Also connected via a culvert under railroad to CC-7A. The creek is a narrow channel through the middle of the wetland. DSL Determination #99-0377. Zoned Exclusive Farm Use. Adjacent land use is agriculture and open space.

Adjacent Upland Species: Quercus garryana, Fraxinus latifolia, Sambucus racemosa, Rubus discolor, Symphoricarpos albus, Agrostis alba, Festuca ovina, Cirsium arvense, Centaurium erythraea, Phleum pratense, Dactylis glomerata, Festuca arundinacea,

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



Project Name: Molalla LWI

		Wetland Code:	CC-7A
Date(s) of field work:	OFF-SITE	Size (acres):	0.63
Data Sheet Numbers:	0	Cowardin Class(es):	PFO
Investigator(s):	PF/CR	HGM Class(es):	RFT

Location -- Legal: T. 5S, R. 2E, Section 9

Other: North of Toliver Road, east of railroad tracks.

Tax Lots: **52E09BB 08445**

Hydrologic basin: Creamery Creek

Soil -- Mapped series: Dayton silt loam
Hydrologic Source: Creamery Creek

TREES	SHRUBS	VINES	HERBS
Fraxinus latifolia	Malus fusca	Solanum dulcamara	Athyrium filix-femina
	Corylus cornuta		Ranunculus repens
			Carex sp.
			Polystichum munitum
		11.3.1	

Comments: Locally Significant Wetland

OFF-SITE. Located north of Toliver Road, between railroad tracks and Hauser Court. Wetland is hydrologically connected to CC-6B, to the west, by a culvert under the railroad tracks and CC-7B, to the south via Creamery Creek. The creek is a narrow channel through the south end of the wetland. DSL Determination #97-0446. Zoned Single family residential. Adjacent land use is urban residential.

Adjacent Upland Species: Pseudotsuga menziesii, Corylus cornuta, Rubus discolor, Polystichum munitum

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



Project Name: Molalla LWI

		Wetland Code:	CC-7B
Date(s) of field work:	OFF-SITE	Size (acres):	0.81
Data Sheet Numbers:	0	Cowardin Class(es):	PEM
Investigator(s):	PF/CR	HGM Class(es):	RFT

Location -- Legal: T. 5S, R. 2E, Section 9
Other: North of Toliver Road, east of railroad tracks.

Tax Lots: 52E09BB 08445
Hydrologic basin: Creamery Creek
Soil -- Mapped series: Dayton silt loam
Hydrologic Source: Creamery Creek

TREES	SHRUBS	VINES	HERBS
Fraxinus latifolia	Spiraea douglasii		Agrostis alba
			Carex obnupta
			Glyceria elata
			Phalaris arundinacea
			Trifolium repens

Comments:

Locally Significant Wetland

OFF-SITE. Located north of Toliver Road, between railroad tracks and Hauser Court. Wetland is hydrologically connected to CC-7A, to the north and CC-7C, to the south via Creamery Creek. The creek is a narrow channel through the middle of the wetland. DSL Determination #97-0446. Zoned Single family residential. Adjacent land use is urban residential.

Adjacent Upland Species: Pseudotsuga menziesii, Corylus cornuta, Rubus discolor, Polystichum munitum

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



Project Name: Molalla LWI

		Wetland Code:	CC-7C
Date(s) of field work:	OFF-SITE	Size (acres):	1.30
Data Sheet Numbers:	N/A	Cowardin Class(es):	PFO/PSS
Investigator(s):	PF/CR	HGM Class(es):	RFT

Location -- Legal: T. 5S, R. 2E, Section 9

Other: West of Creamery Creek Lane

Dayton silt loam

Tax Lots: 52E09BC 01221

Hydrologic basin: Creamery Creek

Soil -- Mapped series:

Hydrologic Source: Creamery Creek

TREES	SHRUBS	VINES	HERBS
Fraxinus latifolia	Rosa sp.	Rubus discolor	Phalaris arundinacea
Salix scouleriana	Crataegus douglasii		Ranunculus repens
			Agrostis tenuis

Comments: Locally Significant Wetland

OFF-SITE. West of Creamery Creek Lane. Wetland is hydrologically connected to CC-7B, to the north, via Creamery Creek. The creek is a narrow channel through the middle of the wetland. A small pond is located on the east edge of the wetland. DSL Determination #93-0159. Zoned Multi-Family residential. Adjacent land use is urban residential.

Adjacent Upland Species: Corylus cornuta, Rubus discolor, Polystichum munitum, Phalaris arundinacea, Festuca arundinacea, Pteridium aquilinum, Dipsacus sylvestris, Polystichum munitum

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



Project Name: Molalla LWI

		Wetland Code:	CC-8
Date(s) of field work:	OFF-SITE	Size (acres):	0.26
Data Sheet Numbers:	N/A	Cowardin Class(es):	PEM
Investigator(s):	SE/PF	HGM Class(es):	DCNP

Location -- Legal: T. 5S, R. 2E, Section 8
Other: North of Toliver Road, east of old railroad bed
Tax Lots: 52E08A 01000
Hydrologic basin: Creamery Creek
Soil -- Mapped series: Dayton silt loam
Hydrologic Source: Precipitation, groundwater

	Polygonum persicaria Agrostis sp. Holcus lanatus
	Holcus lanatus
	Barbarea sp.
	Lotus sp.
	Leersia sp.
_	

Comments:

OFF-SITE. Located north of Toliver Road, east of old railroad bed. DSL determination 00-0280. Wetland is hydrologically connected to CC-4, to the west, by a culvert under the old road bed. Wetland is the remnant of a tributary of Creamery Creek that historically flowed across the site. Zoned Multi-family Residential. Adjacent land use is residential.

Adjacent Upland Species: Cirsium arvense, Phleum pratense, Festuca arundinacea, Ranunculus occidentalis, Holcus lanatus

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



Project Name: Molalla LWI

		Wetland Code:	CC-9A
Date(s) of field work:	4/20/01	Size (acres):	0.44
Data Sheet Numbers:	9, 10	Cowardin Class(es):	PEM
Investigator(s):	PF/CR	HGM Class(es):	RFT

Location -- Legal: T. 5S, R. 2E, Section 8
Other: South of Toliver Road, north of Heintz and east of Ridings
Tax Lots: 5S2E08 05500

Hydrologic basin: Creamery Creek

Dayton silt loam

Hydrologic Source: Creamery Creek

Soil -- Mapped series:

Oominant Wetland Veget	ation		
TREES	SHRUBS	VINES	HERBS
			Agrostis stolonifera
			Ranunculus repens
			Agrostis tenuis
			Carex feta
			Trifolium pratense
			Poa annua
			Alopecuris pratensis
			Trifolium repens

Comments:

Grazed wet field in back of residence. Drains south and hydrologically connected to CC-9B and 9C by groundwater and seasonal surface water. Zoned residential. Adjacent land use is residential and heavy industrial.

Adjacent Upland Species: Festuca arundinacea, Plantago major, Trifolium dubium, Taraxacum officinale

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



Project Name: Molalla LWI

		Wetland Code:	CC-9B
Date(s) of field work:	4/20/01	Size (acres):	1.02
Data Sheet Numbers:	11, 12, 13	Cowardin Class(es):	PFO
Investigator(s):	PF/CR	HGM Class(es):	RFT

Location -- Legal: T. 5S, R. 2E, Section 8
Other: South of Toliver Road, north of Heintz and east of Ridings
Tax Lots: 5S2E08 05500, 05600
Hydrologic basin: Creamery Creek
Soil -- Mapped series: Dayton silt loam
Hydrologic Source: Creamery Creek

TREES	SHRUBS	VINES	HERBS
Fraxinus latifolia			Agrostis stolonifera
			Ranunculus repens
			Agrostis tenuis
			Carex densa
			Epilobium watsonii
			Camassia quamash
			Lotus corniculatus
			Trifolium repens
			Alopecuris pratensis
			Carex praticola

Comments:

Locally Significant Wetland

Palustrine forested wetland in back of residence. Seasonally grazed. Small drainage flows from east to west and into drop inlet at edge of residential development on west. Hydrologically connected to CC-9A and 9C by groundwater and seasonal surface water. Zoned residential. Adjacent land use is residential and heavy industrial.

Adjacent Upland Species: Daucus carota, Cirsium arvense, Chrysanthemum leucanthemum, Festuca arundinacea, Taraxacum officinale

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



Project Name: Mola

Molalla LWI

		Wetland Code:	CC-9C
Date(s) of field work:	4/20/01	Size (acres):	1.15
Data Sheet Numbers:	OFF-SITE	Cowardin Class(es):	PEM
Investigator(s):	PF/CR	HGM Class(es):	RFT

Location -- Legal: T. 5S, R. 2E, Section 8
Other: South of Toliver Road, north of Heintz, at end of Pegasus Court
Tax Lots: 5S2E08
Hydrologic basin: Creamery Creek
Soil -- Mapped series: Dayton silt loam
Hydrologic Source: Creamery Creek

Dominant Wetland Veget	ation		
TREES	SHRUBS	VINES	HERBS
			Phalaris arundinacea
		27 - 17 - 17 - 18 - 18 - 18 - 18 - 18 - 1	

3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3			
		10 m	

Comments:

Locally Significant Wetland

OFF-SITE. Reed canarygrass dominated wetland at end of new subdivision (Pegasus Court). Drains west and hydrologically connected to CC-9A and 9B by seasonal surface water. Zoned residential. Adjacent land use is residential and heavy industrial.

Adjacent Upland Species: Festuca arundinacea, Rubus discolor

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



Project Name: Molalla LWI

		Wetland Code:	CC-10
Date(s) of field work:	OFF-SITE	Size (acres):	0.52
Data Sheet Numbers:	N/A	Cowardin Class(es):	PEM
Investigator(s):	PF/SE	HGM Class(es):	DCNP

Location -- Legal: T. 5S, R. 2E, Section 9
Other: North of Main Street, east of Cole Street
Tax Lots: 52E09D 01500, 01600
Hydrologic basin: Creamery Creek
Soil -- Mapped series: Sawtell silt loam, 3-8% slopes

Hydrologic Source: Precipitation, groundwater

TREES	SHRUBS	VINES	HERBS
	Crataegus douglasii		Alopecurus pratensis
			Carex stipata
			Holcus lanatus
			Rumex crispus
			Agrostis tenuis
			Festuca arundinacea
			Vicia americana
			Trifolium repens

Comments:

OFF-SITE. North of Main Street, east if Cole Street, west of Pheasant Pointe housing. Wetland on two narrow undeveloped lots. Identified on National Wetlands Inventory map. Zoned general commercial. Adjacent land use is residential and commercial.

Adjacent Upland Species: Rubus laciniatus, Festuca arundinacea, Cytisus scoparius, Convolvulus arvensis

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



Project Name: Molalla LWI

		Wetland Code:	CC-11
Date(s) of field work:	OFF-SITE	Size (acres):	0.27
Data Sheet Numbers:	N/A	Cowardin Class(es):	PEM
Investigator(s):	PF/SE	HGM Class(es):	DCNP

Location -- Legal: T. 5S, R. 2E, Section 8

Other: West of railroad tracks, south of Heintz Street

Tax Lots: 52E08A 07700 ogic basin: Creamery Creek

Hydrologic basin: Creamery Creek
Soil -- Mapped series: Dayton silt loam

Hydrologic Source: Precipitation, groundwater

minant Wetland Veget	ation		
TREES	SHRUBS	VINES	HERBS
			4

Comments:

OFF-SITE. West of railroad tracks, south of Heintz Street. Small remnant pieces of former log pond. Disturbed. Adjacent land use and zoning is heavy industrial.

Adjacent Upland Species:

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

HS = Headwater Slope VS = Valley Slope



Project Name: Molalla LWI

*		Wetland Code:	BC-1A
Date(s) of field work:	5/1/01	Size (acres):	13.92
Data Sheet Numbers:	14, 15, 16, 17, 18, 19	Cowardin Class(es):	PEM
Investigator(s):	PF, SE	HGM Class(es):	DCNP

Location -- Legal: T. 5S, R. 2E, Section 7

Other: North of Hwy 211, west of Hwy. 213

Tax Lots: 52E07 01201

Hydrologic basin: Bear Creek

Soil -- Mapped series: Amity and Aloha silt loam

Hydrologic Source: Precipitation, groundwater

Dominant Wetland Veget	ation		
TREES	SHRUBS	VINES	HERBS
			Phalaris arundinacea
			Carex stipata
			Juncus effusus
			Poa annua
			Typha latifolia
			Alopecuris geniculatus
			Eleocharis ovata
			Holcus lanatus
			Myosostis discolor
			Trifolium pratense

Comments:

City sewage treatment plant site. Palustrine emergent-wet grazed meadow surrounds the treatment ponds. Hydrologically connected to Bear Creek and BC-1B by groundwater/seasonal surface water. Zoned public. Adjacent land use is agriculture.

Adjacent Upland Species: Cirsium arvense, Dactylus glomerata, Daucus carota, Parentucellia viscosa, Festuca arundinacea, Cerastium arvense

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



Project Name: Molalla LWI

		Wetland Code:	BC-1B
Date(s) of field work:	5/1/01	Size (acres):	4.44
Data Sheet Numbers:	20	Cowardin Class(es):	PFO, PEM
Investigator(s):	PF, SE	HGM Class(es):	DCNP, RFT

Location -- Legal: T. 5S, R. 2E, Section 7

Other: North of Hwy 211, west of Hwy. 213

Tax Lots: 52E07 01201, 01200; 52E07A 00600

Hydrologic basin: Bear Creek

Soil -- Mapped series: Wapato silty clay loam

Hydrologic Source: Groundwater, surface water

TREES	SHRUBS	VINES	HERBS
Fraxinus latifolia			Phalaris arundinacea
Populus trichocarpa			Veratrum californicum
			Glyceria elata
			Rumex crispus
			Carex deweyana
			Carex feta
			Rorippa curvisiliqua
			Tellima grandiflora

Comments: Locally Significant Wetland

On and off-site assessment. Includes DSL Det. #00-0064. Extends partially onto City's sewage treament plant site. Palustrine forested wetland associated with Bear Creek. Drains west and hydrologically connected to Bear Creek and BC-1A by groundwater/seasonal surface water. Zoned public/semi-public and residential. Adjacent land use is agriculture and rural residential.

Adjacent Upland Species: Cirsium arvense, Dactylus glomerata, Daucus carota, Parentucellia viscosa, Festuca arundinacea, Cerastium arvense, Rubus discolor, Crataegus monogyna, Galium aparine, Symphoricarpos albus, Quercus garryana

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



Project Name: Molalla LWI

		Wetland Code:	BC-1C
Date(s) of field work:	6/6/01	Size (acres):	0.38
Data Sheet Numbers:	21, 22	Cowardin Class(es):	PFO, PEM
Investigator(s):	PF, SE	HGM Class(es):	DCNP

Location -- Legal: T. 5S, R. 2E, Section 7

Other: North of Hwy 211, west of Hwy. 213

Tax Lots: 52E07A 02500, 00600

Hydrologic basin: Bear Creek

Soil -- Mapped series: Wapato silty clay loam

Hydrologic Source: Groundwater, surface water

TREES	SHRUBS	VINES	HERBS
Fraxinus latifolia	Spiraea douglasii		Phalaris arundinacea
	Rhamnus purshiana		Poa trivialis
	Fraxinus latifolia		Juncus tenuis
			Rumex crispus
			Geum macrophyllum
			Holcus lanatus
			Carex stipata
			Agrostis tenuis

Comments:

Locally Significant Wetland

On and off-site assessment. Palustrine forested and emergent wetland drains north and hydrologically connected to Bear Creek and BC-1B by groundwater/seasonal surface water. Zoned residential. Adjacent land use is rural residential and industrial/commercial. Small drainage through site. Entire site has hydric soils.

Adjacent Upland Species: Pseudotsuga menziesii, Pinus ponderosa, Symphoricarpos albus, Cynosurus echinatus, Cynosurus cristatus, Rumex acetosella, Rhus diversiloba, Dactylus glomerata, Daucus carota, Parentucellia viscosa, Festuca arundinacea, Crataegus monogyna

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



Project Name: Molalla LWI

		Wetland Code:	BC-2A
Date(s) of field work:	4/18/01	Size (acres):	1.05
Data Sheet Numbers:	23,24	Cowardin Class(es):	PFO
Investigator(s):	SE/FS	HGM Class(es):	RFT

Location -- Legal: T. 5S, R. 2E, Sections 7 and 8

Other: Along the banks of Bear Creek, east of Highway 213

Tax Lots: 52E07A 00700, 02100, 02200, 02300

Hydrologic basin: Bear Creek

Soil -- Mapped series: Wapato silty clay loam

Hydrologic Source: Surface water, precipitation

TREES	SHRUBS	VINES	HERBS
Fraxinus latifolia			Phalaris arundinacea
			Impatiens noli-tangere
			Conium maculatum
			Cardamine oligosperma
			Alopecurus pratensis

Comments: Locally Significant Wetland

In riparian zone north and south of Bear Creek, Highway 213 to east of Safeway. Hydrologically connected upstream to BC-2B, and downstream to BC-1B. To the south, north of Safeway, are detention ponds and a compensatory mitigation site associated with the development of a shopping center (DSL DET #99-0097). Zoned Light Industrial and General Commercial. Adjacent land use is primarily agriculture and residential.

Adjacent Upland Species: Crataegus monogyna, Rubus discolor, Festica arundinacea, Holcus lanatus, Galium aparine, Taraxacum officinale, Cirsium arvense, Lamium purpureum, Vicia sativa, Dactylis glomerata

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



Project Name: Molalla LWI

		Wetland Code:	BC-2B
Date(s) of field work:	4/18/01	Size (acres):	0.83
Data Sheet Numbers:	25,26	Cowardin Class(es):	PFO
Investigator(s):	SE/FS	HGM Class(es):	RFT

Location -- Legal: T. 5S, R. 2E, Sections 7 and 8

Other: Along the banks of Bear Creek, west of Molalla Forest Road.

Tax Lots: 52E07A 01803, 01804, 01900, 02000

Hydrologic basin: Bear Creek

Soil -- Mapped series: Wapato silty clay loam

Hydrologic Source: Surface water, precipitation

Dominant Wetland Vo	egetation		
TREES	SHRUBS	VINES	HERBS
Fraxinus latifolia	Populus trichocarpa	Rubus discolor	Phalaris arundinacea
Populus trichocarpa			

Comments: Locally Significant Wetland

In riparian zone parallel to Bear Creek, east of Safeway to Molalla Forest Road. Hydrologically connected upstream to BC-2A, and downstream to BC-17A, by surface water. Zoned residential. Adjacent land use primarily residential open space and a tree farm. Water flowing into the creek from a stormwater outfall near BC-2B-25 included an oily residue. A similar residue was also found in creek sediments.

Adjacent Upland Species: Quercus garryana, Pseudotsuga menziesii, Amalanchier alnifolia, Crataegus monogyna, Populus trichocarpa, Oemlaria cerasiformis, Ilex aquiflolium, Rubus discolor, Festuca arundinacea, Galium aparine, Dactylis glomerata

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



Project Name: Molalla LWI

		Wetland Code:	BC-3A
Date(s) of field work:	OFF-SITE	Size (acres):	0.33
Data Sheet Numbers:	N/A	Cowardin Class(es):	PEM
Investigator(s):	FS/SE	HGM Class(es):	RFT

Location -- Legal: T. 5S, R. 2E, Section 7

Other: Southeast of the corner of Highway 213 and Toliver Road.

Tax Lots: 52E07A 00702

Hydrologic basin: Bear Creek

Soil -- Mapped series: Wapato silty clay loam

Hydrologic Source: Surface water, precipitation, groundwater

TREES	SHRUBS	VINES	HERBS
Fraxinus latifolia	Crataegus monogyna	Rubus discolor	Phalaris arundinacea
	Rosa pisocarpa		

Comments:

OFF-SITE. DSL Determination 00-0455. Drainage flowing east to west to a culvert under Highway 213. Hydrologic connection with to BC-3B. Zoned Light Industrial. Adjacent land use is agriculture, residential and light industrial.

Adjacent Upland Species: Quercus garryana, Crataegus monogyna, Lolium perenne, Vicia sp., Parentucellia viscosa, Holcus lanatus, Avena sp., Rubus discolor

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



Project Name: Molalla LWI

		Wetland Code:	BC-3B
Date(s) of field work:	4/18/01	Size (acres):	1.01
Data Sheet Numbers:	27, 28	Cowardin Class(es):	PEM
Investigator(s):	FS/SE	HGM Class(es):	RFT

Location -- Legal: T. 5S, R. 2E, Section 7

Other: East of Highway 213, north of Bear Creek.

Tax Lots: 52E07A 00700, 00702

Hydrologic basin: Bear Creek

Soil -- Mapped series: Dayton silt loam

Hydrologic Source: Precipitation, groundwater

TREES	SHRUBS	VINES	HERBS
			Alopecurus pratensis
3 3000	5.00		Anthoxanthum odoratum
			Festuca arundinacea
			Lotus corniculatus
			Festuca rubra
			Hypochaeris radicata
	5		Ranunculus repens
			Montia linearis

Comments:

DSL Determination 00-0455 along northern end. Wetland is located on a topographic high, with a hydrologic connection to BC-3A. Zoned Light Industrial. Adjacent land use is agriculture and light industrial.

Adjacent Upland Species: Anthoxanthum odoratum, Hypochaeris radicata, Taraxacum officinale, Rumex acetosella, Trifolium repens

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



Project Name: Molalla LWI

		Wetland Code:	BC-4
Date(s) of field work:	OFF-SITE	Size (acres):	1.82
Data Sheet Numbers:	N/A	Cowardin Class(es):	PEM
Investigator(s):	PF/SE	HGM Class(es):	DCNP

Location -- Legal: T. 5S, R. 2E, Sections 7 and 8
Other: Southeast of the corner of Toliver Road and Industrial Way
Tax Lots: 52E07AA 02300
Hydrologic basin: Bear Creek
Soil -- Mapped series: Dayton silt loam and Wapato silty clay loam

Hydrologic Source: Precipitation

TREES	SHRUBS	VINES	HERBS
	Populus trichocarpa		Phalaris arundinacea
			Carex sp.
			Juncus effusus

Comments:

OFF-SITE. East side of Industrial Way, just south of Toliver Road. Vacant lot in light industrial area. Partially mowed. Includes 2 shallow drainages that flow to a roadside ditch south of Toliver Road. Zoned Light Industrial. Adjacent land use is light industrial. Apparent remnant of historic wetland and associated drainage channel.

Adjacent Upland Species: Rubus discolor, Trifolium pratense

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



Project Name: Molalla LWI

		Wetland Code:	BC-5A
Date(s) of field work:	4/18/01	Size (acres):	1.00
Data Sheet Numbers:	29	Cowardin Class(es):	PEM/PSS
Investigator(s):	FS/SE	HGM Class(es):	DCNP

Location -- Legal: T. 5S, R. 2E, Section 8

Other: West of Molalla Forest Road, South of Toliver Road

Tax Lots: 52E07A 01100

Hydrologic basin: Bear Creek

Soil -- Mapped series: Dayton silt loam

Hydrologic Source: Precipitation, groundwater

TREES	SHRUBS	VINES	HERBS
Fraxinus latifolia	Rhamnus pershiana	Rubus discolor	Phalaris arundinacea
	Crataegus monogyna		Juncus tenuis
	Crataegus douglasii		Holcus lanatus
			Carex densa
			Festuca arundinacea
			Agrostis tenuis
			Carex sp.

Comments:

West of Molalla Forest Road just south of a drainage ditch that flows from east to west into a culvert under a portion of the light industrial area to the west. Wetland is downslope of BC-5B, a mosaic of wetland and upland, to the south. Zoned Light Industrial. Adjacent land use is residential and light industrial.

Adjacent Upland Species: Quercus garryana, Cytisus scoparius, Crataegus monogyna, Symphoricarpos albus, Hypochaeris radicata, Rubus discolor, Dactylis glomerata, Daucus carota

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



Project Name: Molalla LWI

		Wetland Code:	BC-5B
Date(s) of field work:	4/18/01	Size (acres):	3.68
Data Sheet Numbers:	30	Cowardin Class(es):	PEM
Investigator(s):	FS/SE	HGM Class(es):	HS

Location -- Legal: T. 5S, R. 2E, Section 8

Other: West of Molalla Forest Road, South of Toliver Road

Tax Lots: 52E07A 01100

Hydrologic basin: Bear Creek

Soil -- Mapped series: Dayton silt loam

Hydrologic Source: Precipitation, groundwater

Phalaris arundinaced Juncus tenuis Holcus lanatus Carex densa
Holcus lanatus Carex densa
Carex densa
The state of suppliers of the suppliers and the suppliers of the suppliers
Festuca arundinacea
Plantago lanceolata
The second secon

Comments:

West of Molalla Forest Road between Toliver Road and Main Street. Wetland is a mosiac of wetland and upland (60% wet to 40% upland). Very hummocky and poorly drained. Past disturbances appear to have eliminated natural drainage patterns. Zoned Light Industrial. Adjacent land use is residential and light industrial.

Adjacent Upland Species: Pinus ponderosa, Cytisus scoparius, Crataegus monogyna, Rhamnus pershiana, Hypochaeris radicata, Taraxacum officinale, Daucus carota, Centaurium umbellatum, Cirsium vulgare

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



Project Name: Molalla LWI

		Wetland Code:	BC-6A
Date(s) of field work:	6/6/01	Size (acres):	1.11
Data Sheet Numbers:	31, 32	Cowardin Class(es):	PFO
Investigator(s):	PF/SE	HGM Class(es):	RFT

Location -- Legal: T. 5S, R. 2E, Section 8

Other: East of Molalla Forest Road, south of Toliver Road

Tax Lots: 52E07AA 02700, 02800

Hydrologic basin: Bear Creek

Soil -- Mapped series: Wapato silty clay loam

Hydrologic Source: Surface water, precipitation, groundwater

TREES	SHRUBS	VINES	HERBS
Fraxinus latifolia	Fraxinus latifolia	Rubus discolor	Phalaris arundinacea
		Solanum dulcamara	Myosotis laxa
			Holcus lanatus
			Rumex crispus
			Poa trivialis
			Callitriche stagnalis
			Juncus tenuis
			Geum macrophyllum

Comments: Locally Significant Wetland

South of Toliver Road between BMX bike park and Molalla Forest Road. Zoned Light Industrial. Adjacent land use is residential and public/semi-public.

Adjacent Upland Species: Pseudotsuga menziesii, Pinus ponderosa, Quercus garryana, Crataegus monogyna, Symphoricarpos albus, Rhus diversiloba, Rubus discolor, Rumex acetosella, Chrysanthemum leucanthemum, Cynosurus echinatus

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



Project Name:

Molalla LWI

		Wetland Code:	BC-6B
Date(s) of field work:	6/6/01	Size (acres):	0.40
Data Sheet Numbers:	33, 34	Cowardin Class(es):	PEM
Investigator(s):	PF/SE	HGM Class(es):	DNCP

Location -- Legal:

T. 5S, R. 2E, Section 8

Other:

East of Molalla Forest Road, south of Toliver Road

Tax Lots:

52E07AA 02700, 02800

Hydrologic basin:

Bear Creek

Soil -- Mapped series:

Wapato silty clay loam

Hydrologic Source:

Precipitation, groundwater

TREES	SHRUBS	VINES	HERBS
	Fraxinus latifolia	Rubus ursinus	Carex stipata
	Crataegus monogyna		Geum macrophyllum
			Carex feta
			Festuca arundinacea
			Holcus lanatus

Comments:

South of Toliver Road between City Shop and Molalla Forest Road. Zoned residential. Hydrologically connected to BC-6A, to the north. Adjacent land use is residential, public/semi-public and open space.

Adjacent Upland Species: Crataegus monogyna, Rubus ursinus, Festuca arundinacea, Agrostis tenuis, Chrysanthemum leucanthemum

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



Project Name: Molalla LWI

		Wetland Code:	BC-7
Date(s) of field work:	4/20/01	Size (acres):	0.24
Data Sheet Numbers:	35, 36, 37, 38	Cowardin Class(es):	PEM
Investigator(s):	PF/CR	HGM Class(es):	RFT

Location -- Legal: T. 5S, R. 2E, Sections 7, 8

Other: South of Toliver Road, south of elementary school, east of City shops

Tax Lots: 52E07AA 02900, 52E08B 01500, 02000, 03000

Hydrologic basin: Bear Creek

Soil -- Mapped series: Dayton silt loam

Hydrologic Source: Surface water, precipitation

TREES	SHRUBS	VINES	HERBS
,	Crataegus douglasii		Juncus effusus
			Carex praticola
			Alopecuris pratensis
			Phalaris arundinacea

Comments:

Narrow drainage along back of elementary school. Flows from east to west, beginning at Leroy Avenue and drains to a culvert at the road to the City Shops site. Hydrologically connected downstream to BC-6A by surface water. Zoned public/semi-public. Adjacent land use is school properties and residential. Disturbed drainage-channelized and adjacent vegetation removed.

Adjacent Upland Species: Rubus discolor, Hypochaeris radicata, Vicia sativa, Cerastium arvense, Tanacetum vulgare, Taraxacum officinale, Poa pratensis, Trifolium repens, Agrostis tenuis

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



Project Name: Molalla LWI

		Wetland Code:	BC-8
Date(s) of field work:	4/20/01	Size (acres):	0.18
Data Sheet Numbers:	39, 40	Cowardin Class(es):	PEM, POWx
Investigator(s):	PF/CR	HGM Class(es):	DCNP

Location -- Legal: T. 5S, R. 2E, Section 8

Other: South of Toliver Road, south of elementary school, east of City shops

Tax Lots: 52E08B 01500

Hydrologic basin: Bear Creek

Soil -- Mapped series: Dayton silt loam

Hydrologic Source: Surface water, precipitation

TREES	SHRUBS	VINES	HERBS
			Typha latifolia
			Glyceria sp.
			Alopecurus pratensis
			Alopecurus geniculatus
			Lotus corniculatus
			Iris pseudacorus
			Agrostis stolonifera

Comments:

Small excavated pond at back of elementary school. Zoned public/ semi-public. Adjacent land use is school property and City shops. No apparent connection to other drainages.

Adjacent Upland Species: Rubus discolor, Hypochaeris radicata, Vicia sativa, Cerastium arvense, Festuca arundinacea, Alopecurus pratensis, Trifolium repens, Agrostis tenuis

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



Project Name: Molalla LWI

		Wetland Code:	BC-9
Date(s) of field work:	5/24/01	Size (acres):	0.15
Data Sheet Numbers:	41, 42	Cowardin Class(es):	PEM
Investigator(s):	SE/FS	HGM Class(es):	DNCP

Location -- Legal: T. 5S, R. 2E, Section 8

Other: West of Middle School, south of track.

Tax Lots: 52E08B 03100

Hydrologic basin: Bear Creek

Soil -- Mapped series: Dayton silt loam

Hydrologic Source: Precipitation, groundwater

ominant Wetland Veget	ation		
TREES	SHRUBS	VINES	HERBS
			Alopecurus pratensis
			Poa trivialis
			Holcus lanatus

Comments:

West of the Middle School, just south of school track. Isolated wetland north of large oak trees. Zoned residential. Adjacent land use is public/semi-public and open space with a tree farm.

Adjacent Upland Species: Quercus garryana, Pseudotsuga menziesii, Rubus discolor, Daucus carota, Festuca arundinacea, Dactylis glomerata, Poa trivialis, Vicia sativa, Galium aparine

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



Project Name: Molalla LWI

		Wetland Code:	BC-10
Date(s) of field work:	4/20/01	Size (acres):	0.08
Data Sheet Numbers:	43,44	Cowardin Class(es):	PEM
Investigator(s):	PF/CR	HGM Class(es):	DCNP

Location -- Legal: T. 5S, R. 2E, Section 8

Other: South of Toliver Road, north of middle school, west of Leroy Ave

Tax Lots: 52E08B 03000

Hydrologic basin: Bear Creek

Soil -- Mapped series: Dayton silt loam

Hydrologic Source: Precipitation

HEI
Agrostis stoloni
Carex densa
Alopecurus pra
_

Comments:

Small shallow area at edge of school field. Evidence of seasonal ponding. Zoned public/ semi-public. Adjacent land use is school property. No apparent connection to other drainages.

Adjacent Upland Species: Rubus discolor, Rubus ursinus, Cytisus scoparius, Vicia tetrasperma, Festuca arundinacea, Holcus lanatus, Galium aparine, Cirsium arvense, Geranium sp.

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



Project Name: Molalla LWI

		Wetland Code:	BC-11
Date(s) of field work:	OFF-SITE	Size (acres):	0.23
Data Sheet Numbers:	N/A	Cowardin Class(es):	PEM
Investigator(s):	PF	HGM Class(es):	DCNP

Location -- Legal: T. 5S, R. 2E, Section 8

Other: North of Hwy. 211, between Ridings and Leroy

Tax Lots: 52E08AC 03500

Hydrologic basin: Bear Creek

Soil -- Mapped series: Sawtell silt loam, 0-8% slopes

Hydrologic Source: Precipitation, groundwater

ant Wetland Veget	ation		
TREES	SHRUBS	VINES	HERBS
			Alopecurus pratensis
HE-OC-Varia			

Comments:

OFF-SITE. Shallow swale through field. Drains west. Possibly hydrologically connected to BC-12C by seasonal surface water. Zoned residential. Adjacent land use is residential.

Adjacent Upland Species: Festuca arundinacea

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



Project Name: Molalla LWI

		Wetland Code:	BC-12A
Date(s) of field work:	4/18/01	Size (acres):	0.55
Data Sheet Numbers:	45, 46	Cowardin Class(es):	PFO
Investigator(s):	SE/FS	HGM Class(es):	RFT

Location -- Legal: T. 5S, R. 2E, Section 8
Other: East of Molalla Forest Road, south of City Shops
Tax Lots: 52E07A 01600
Hydrologic basin: Bear Creek
Soil -- Mapped series: Wapato silty clay loam
Hydrologic Source: Surface water, precipitation, groundwater

TREES	SHRUBS	VINES	HERBS
Fraxinus latifolia	Crataegus monogyna	Rubus discolor	Alopecurus pratensis
	Rosa pisocarpa		

Comments:

Locally Significant Wetland

East of Molalla Forest Road, south of City Shop. Hydrologically connected to BC-12B, to the east. A field tile feeds a small drainage through the center of the forested area. The drainage flows under the City Shop into BC-6A. Zoned residential. Adjacent land use is public/semi-public and open space with a tree farm.

Adjacent Upland Species: Quercus garryana, Crataegus monogyna, Amelanchier alnifolia, Rubus discolor, Festuca arundinacea, Agrostis tenuis, Vicia sativa, Geranium robertianum

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



Project Name: Molalla LWI

		Wetland Code:	BC-12B
Date(s) of field work:	4/25/01, 5/24/01	Size (acres):	3.34
Data Sheet Numbers:	47, 48, 49, 50, 51, 52	Cowardin Class(es):	PEM
Investigator(s):	SE/FS	HGM Class(es):	DCNP

Location -- Legal: T. 5S, R. 2E, Section 8
Other: East of Molalla Forest Road, south of Molalla Schools
Tax Lots: 52E08B 03100, 03200, 03300, 03900, 04000, 04300
Hydrologic basin: Bear Creek
Soil -- Mapped series: Dayton silt loam
Hydrologic Source: Precipitation, groundwater

Dominant Wetland Veget	ation		
TREES	SHRUBS	VINES	HERBS
			Alopecurus pratensis
			Phalaris arundinacea
			Poa trivialis
			Festuca arundinacea
			Holcus lanatus
			Juncus effusus
			Agrostis stolonifera
			Veronica americana
			Veronica scutellata
			Veronica serpyllifolia

Comments:

East of Molalla Forest Road, south middle and grade schools. Hydrologically connected to BC-12A, to the west. A field tile drains at least a portion of the west end of this wetland into BC-12A. BC-6A. Zoned residential. Adjacent land use is public/semi-public, agriculture and open space with a tree farm.

Adjacent Upland Species: Quercus garryana, Crataegus douglasii, Cytisus scoparius, Rubus discolor, Festuca arundinacea, Plantago lanceolata, Rumex acetosella, Daucus carota, Holcus lanatus, Trifolium repens, Anthoxanthum odoratum, Camassia quamash, Galium aparine, Lolium multiflorum, Horkelia congesta

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



Project Name: Molalla LWI

		Wetland Code:	BC-13
Date(s) of field work:	4/25/01	Size (acres):	0.35
Data Sheet Numbers:	53, 54, 55	Cowardin Class(es):	PEM
Investigator(s):	SE/FS	HGM Class(es):	DO

Location -- Legal: T. 5S, R. 2E, Section 8

Other: East of Molalla Forest Road, north of Main Street

Tax Lots: 52E07A 01600

Hydrologic basin: Bear Creek

Soil -- Mapped series: Dayton silt loam

Hydrologic Source: Precipitation, groundwater

TREES	SHRUBS	VINES	HERBS
			Alopecurus pratensis
			Geranium robertianum
			Festuca rubra
			Festuca arundinacea
			Galium aparine
		· · · · · · · · · · · · · · · · · · ·	

Comments:

East of Molalla Forest Road, north of Main Street. Wetland overflows into a swale and down to Bear Creek just east of Molalla Forest Road. Zoned residential. Adjacent land use is residential and agriculture.

Adjacent Upland Species: Quercus garryana, Crataegus douglasii, Symphoricarpos albus, Holcus lanatus, Dactylis glomerata, Bromus sp., Prunella vulgaris, Galium aparine, Lolium multiflorum, Geranium robertianum

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



Project Name: Molalla LWI

		Wetland Code:	BC-14f
Date(s) of field work:	OFF-SITE	Size (acres):	0.16
Data Sheet Numbers:	N/A	Cowardin Class(es):	PEMf
Investigator(s):	PF	HGM Class(es):	DCNP

Location -- Legal: T. 5S, R. 2E, Section 7
Other: South of Hwy 211, west of Hwy. 213
Tax Lots: 52E07 01500
Hydrologic basin: Bear Creek
Soil -- Mapped series: Amity and Dayton silt loam
Hydrologic Source: Precipitation, groundwater

ominant Wetland Veget	ation		
TREES	SHRUBS	VINES	HERBS

Comments:

OFF-SITE. Farmed grass field with small area in middle that may be saturated seaonally. No apparent connection to other wetlands or waters. Zoned residential. Adjacent land use is residential and undeveloped.

Adjacent Upland Species: Lolium or Festuca

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



Project Name:

Molalla LWI

		Wetland Code:	BC-15
Date(s) of field work:	6/6/01	Size (acres):	0.80
Data Sheet Numbers:	56, 57	Cowardin Class(es):	PEM
Investigator(s):	PF/SE	HGM Class(es):	DCNP

Location -- Legal: T. 5S, R. 2E, Section 7

Other: East of Highway 213, southwest corner of Molalla

Tax Lots: 52E07A 01600

Hydrologic basin: Bear Creek

Soil -- Mapped series: Amity silt loam

Hydrologic Source: Precipitation, groundwater

SHRUBS	VINES	HERBS
		HERDS
		Alopecurus geniculatus
		Holcus lanatus
		Rumex crispus
		Juncus tenuis

Comments:

East of State Highway 213 in the southwest corner of Molalla. There is a shallow drainage feature in the grass field between BC-15 and BC-16B, but they do not appear to be hydrologically connected. Zoned residential. Adjacent land use is light industrial/commercial, residential and agriculture.

Adjacent Upland Species: Lolium mutliflorum, Agrostis tenuis, Festuca arundinacea, Bromus sp., Anthoxanthum odoratum

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



Project Name:

Molalla LWI

		Wetland Code:	BC-16A
Date(s) of field work:	OFF-SITE	Size (acres):	0.96
Data Sheet Numbers:	N/A	Cowardin Class(es):	PEM
Investigator(s):	PF	HGM Class(es):	DCNP

Location -- Legal: T. 5S, R. 2E, Section 7

Other: South of Hwy. 211, east of Hwy 213, west of Bear Creek

Tax Lots: 52E07D 01700, 01300

Hydrologic basin: Bear Creek

Soil -- Mapped series: Amity silt loam

Hydrologic Source: Groundwater, surface water

ninant Wetland Veget	ation		
TREES	SHRUBS	VINES	HERBS
			Alopecuris pratensis
			Phalaris arundinacea

Comments:

OFF-SITE. Shallow swale through field and forest area. Disturbed. Drains north to culvert under Hwy 211. Appears to have a seasonal drainage. Hydrologically connected to BC-16B and Safeway site by seasonal surface water. Zoned residential. Adjacent land use is residential and undeveloped.

Adjacent Upland Species: Festuca arundinacea, Rubus discolor, Pseudotsuga menziesii

COWARDIN CODES:	E2EO = actuarina faranta i	F3CC - setupine seed about	E2EM = actuaring amargant
COWARDIN CODES:	E2FO = estuarine forested	E2SS = estuarine scrub shrub	E2EM = estuarine emergent
PFO = palustrine forested	PSS = palustrine scrub-shrub	PEM = palustrine emergent	POW = palustrine open water
HGM CODES:	EFB = Estuarine Fringe Embayment	EFR = Estuarine Fringe Riverine	RFT = Riverine Flow Through
RI = River Impounding	LFH = Lacustrine Fringe Headwater	LFV = Lacustrine Fringe Valley	DB = Depressional Bog
DA- Depressional Alkaline	DO = Depressional Outflow	DCP = Depressional Closed Permanent	DCNP = Depressional Nonpermanent
HS = Headwater Slope	VS = Valley Slope		



Project Name: Molalla LWI

		Wetland Code:	BC-16B
Date(s) of field work:	6/6/01	Size (acres):	0.96
Data Sheet Numbers:	58, 59	Cowardin Class(es):	PEM
Investigator(s):	PF/SE	HGM Class(es):	DCNP

Location -- Legal: T. 5S, R. 2E, Section 7

Other: South of Hwy. 211, east of Hwy 213, southwest of Bear Creek

Tax Lots: 52E07D 00702, 01700, 03400

Hydrologic basin: Bear Creek

Soil -- Mapped series: Amity silt loam

Hydrologic Source: Groundwater, surface water

inant Wetland Veget	ation		
TREES	SHRUBS	VINES	HERBS
			Alopecurus pratensis
			Phalaris arundinacea
			Juncus effusus
			Veronica americana
			Juncus tenuis

Comments:

Shallow swale in grass field. A shallow ditch about 8 feet wide flows south to north through the middle of the wetland. Drains north and appears to have a seasonal surface water drainage into to BC-16A. Zoned residential. Adjacent land use is residential and undeveloped.

Adjacent Upland Species: Anthoxanthum odoratum, Trifolium pratense, Rumex acetosella, Chrysanthemum leucanthemum, Hypochaeris radicata, Plantago lanceolata

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



Project Name:

Molalla LWI

	200	Wetland Code:	BC-17A
Date(s) of field work:	OFF-SITE	Size (acres):	1.96
Data Sheet Numbers:	N/A	Cowardin Class(es):	PFO
Investigator(s):	PF/SE	HGM Class(es):	RFT

Location --

Legal:

T. 5S, R. 2E, Section 8

Other:

West of Ona Road, south of Main Street

Tax Lots:

52E07D 00102

Hydrologic basin:

Bear Creek

Soil -- Mapped series:

Wapato silty clay loam

Hydrologic Source:

Groundwater, surface water

		HERBS
Fraxinus latifolia	Rubus discolor	Impatiens sp.
Physocarpus capitatus		Phalaris arundinacea
Oemlaria cerasiformis		

Comments:

Locally Significant Wetland

OFF-SITE. Bear Creek flows through a forested area just south of Main Street, between Molalla Forest Road and Ona Road. Hydrologic connection to BC-17B through a culvert under Ona Road. Zoned residential. Adjacent land use is residential and commercial.

Adjacent Upland Species: Quercus garryana, Symphoricarpos albus, Amelanchier alnifolia, Rubus discolor, Hedera helix, Tellima grandiflora, Polystichum munitum, Galium aparine

E2FO = estuarine forested	E2SS = estuarine scrub shrub	E2EM = estuarine emergent
PSS = palustrine scrub-shrub	PEM = palustrine emergent	POW = palustrine open water
EFB = Estuarine Fringe Embayment	EFR = Estuarine Fringe Riverine	RFT = Riverine Flow Through
LFH = Lacustrine Fringe Headwater	LFV = Lacustrine Fringe Valley	DB = Depressional Bog
DO = Depressional Outflow	DCP = Depressional Closed Permanent	DCNP = Depressional Nonpermanent
VS = Valley Slope		
	PSS = palustrine scrub-shrub EFB = Estuarine Fringe Embayment LFH = Lacustrine Fringe Headwater DO = Depressional Outflow	PSS = palustrine scrub-shrub EFB = Estuarine Fringe Embayment LFH = Lacustrine Fringe Headwater DO = Depressional Outflow PEM = palustrine emergent EFR = Estuarine Fringe Riverine LFV = Lacustrine Fringe Valley DCP = Depressional Closed Permanent



Project Name: Molalla LWI

		Wetland Code:	BC-17B
Date(s) of field work:	5/1/01	Size (acres):	0.14
Data Sheet Numbers:	60, 61	Cowardin Class(es):	PEM
Investigator(s):	PF/SE	HGM Class(es):	RFT

Location -- Legal: T. 5S, R. 2E, Section 8

Other: East of Ona Road, south of Main Street

Tax Lots: 52E08C 01700

Hydrologic basin: Bear Creek

Soil -- Mapped series: Wapato silty clay loam

Hydrologic Source: Groundwater, surface water

minant Wetland Veget	ation		
TREES	SHRUBS	VINES	HERBS
			Impatiens sp.
			Phalaris arundinacea
4 40 60			the state of the state of
		n was sin	

Comments:

Locally Significant Wetland

East of Ona Road. In-line pond at high flow. At low flow Bear Creek flows through the wetland in multiple channels. Hydrologic connection to BC-17A through a downstream culvert under Ona Road. Zoned residential. Adjacent land use is residential and commercial.

Adjacent Upland Species: Abies sp., Rubus discolor, Festuca arundinacea, Agrostis tenuis, Trifolium repens, Hypochaeris radicata, Cirsium arvense, Vicia sativa, Rumex crispus, Taraxacum officinale

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



Project Name: Molalla LWI

Soil -- Mapped series:

		Wetland Code:	BC-18
Date(s) of field work:	4/25/01	Size (acres):	0.12
Data Sheet Numbers:	62, 63	Cowardin Class(es):	PEM, PSS
Investigator(s):	SE/FS	HGM Class(es):	DCNP

Location -- Legal: T. 5S, R. 2E, Section 8
Other: South of Main Street
Tax Lots: 52E08C 00800
Hydrologic basin: Bear Creek

Clackamas silt loam, Dayton silt loam

Hydrologic Source: Surface water, precipitation, groundwater

Agrostis stolonifera Ranunculus repens
Innanc nataus
Juncus patens
Juncus tenuis
Veronica scutellata

Comments:

South of Main Street, south of middle school, North of Lowe Road. There are a series of shallow drainage features 1 to 6 feet wide trending north/south. Only two appear large enough to transport or hold water for any period. These features may be remnant from an agricultural process, as they are parallel to each other. Zoned residential. Adjacent land use is residential and commercial.

Adjacent Upland Species: Cytitus scoparius, Crataegus douglasii, Prunus avium, Malus fusca, Quercus garryana, Crataegus monogyna, Amelanchier alnifolia, Rosa eglanteria, Rubus ursinus, Rubus discolor, Dactylis glomerata, Daucus carota, Prunella vulgaris, Festuca arundinacea, Agrostis tenuis, Vicia sativa

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



Project Name: Molalla LWI

NA COLOR		Wetland Code:	BC-19
Date(s) of field work:	OFF-SITE	Size (acres):	1.45
Data Sheet Numbers:	N/A	Cowardin Class(es):	PFO
Investigator(s):	PF/SE	HGM Class(es):	RFT

Location -- Legal: T. 5S, R. 2E, Section 8
Other: South of Lowe Road, east of Molalla Forest Road
Tax Lots: 52E08C 03200
Hydrologic basin: Bear Creek
Soil -- Mapped series: Dayton silt loam
Hydrologic Source: Surface Water, groundwater, precipitation

TREES	SHRUBS	VINES	HERBS
Fraxinus latifolia	Fraxinus latifolia	Solanum dulcamara	Phalaris arundinacea
	Acer circinatum	Rubus discolor	Impatiens sp.
	Salix sp.		
	Oemlaria cerasiformis		

Comments:

Locally Significant Wetland

OFF-SITE. Located at the southeast corner of Lowe Road and Molalla Forest Road. Bear Creek flows through this forested wetland which is hydrologically connected to BC-22B, a forested wetland upstream, to the east. Zoned residential. Adjacent land use is residential and agriculture.

Adjacent Upland Species: Pseudotsuga menziesii, Symphoricarpos albus, Rubus discolor, Cirsium vulgaris, Vicia sativa, Holcus lanatus

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



Project Name: Molalla LWI

		Wetland Code:	BC-20
Date(s) of field work:	OFF-SITE	Size (acres):	0.84
Data Sheet Numbers:	N/A	Cowardin Class(es):	PEM
Investigator(s):	SE/FS	HGM Class(es):	DCNP

Location --T. 5S, R. 2E, Section 8 Legal: Other:

South of Lowe Road

52E08C 03600, 52E08C 03700 Tax Lots:

Hydrologic basin: Bear Creek

Soil -- Mapped series: Sawtell silt loam, 3-8% Hydrologic Source: Precipitation, groundwater

Dominant Wetland Vegetation				
TREES	SHRUBS	VINES	HERBS	
Fraxinus latifolia				
	-			

Comments:

OFF-SITE. South of Lowe Road. A small wet area in a mowed yard and horse pasture. Zoned residential. Adjacent land use is residential and open space.

Adjacent Upland Species: Grazed and mowed grasses.

COWARDIN CODES:	E2FO = estuarine forested	E2SS = estuarine scrub shrub	E2EM = estuarine emergent
PFO = palustrine forested	ne forested PSS = palustrine scrub-shrub PEM = palustrine emergent	POW = palustrine open water	
HGM CODES:	EFB = Estuarine Fringe Embayment	EFR = Estuarine Fringe Riverine	RFT = Riverine Flow Through
RI = River Impounding	LFH = Lacustrine Fringe Headwater	LFV = Lacustrine Fringe Valley	DB = Depressional Bog
DA- Depressional Alkaline	DO = Depressional Outflow	DCP = Depressional Closed Permanent	DCNP = Depressional Nonpermanent
IIO II I O	1 (0 FF II - 0)		

HS = Headwater Slope VS = Valley Slope



Project Name: Molalla LWI

		Wetland Code:	BC-21
Date(s) of field work:	6/6/01	Size (acres):	0.92
Data Sheet Numbers:	67, 68	Cowardin Class(es):	PFO
Investigator(s):	PF/SE	HGM Class(es):	DCNP

Location -- Legal: T. 5S, R. 2E, Section 8
Other: South of Main Street

Tax Lots: 52E08 00100, 52E08C 03800

Hydrologic basin: Bear Creek

Soil -- Mapped series: Clackamas silt loam

Hydrologic Source: Groundwater, precipitation

TREES	SHRUBS	VINES	HERBS
Populus trichocarpa	Populus trichocarpa		Typha latifolia
Salix lasiandra	Salix lasiandra		Juncus tenuis
	Crataegus monogyna		Carex stipata
			Equisetum arvense
			Lotus corniculatus
			Carex obnupta
			Holcus lanatus

Comments:

South of Main Street. Depressional area appears to collect runoff from surrounding areas. Zoned Heavy Industrial and General Commercial. Adjacent land use is heavy industrial and commercial.

Adjacent Upland Species: Rubus discolor, Anthoxanthum odoratum, Cirsium vulgaris, Vicia sativa, Holcus lanatus, Taraxacum officinale

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



Project Name: Molalla LWI

		Wetland Code:	BC-22A
Date(s) of field work:	6/6/01	Size (acres):	0.71
Data Sheet Numbers:	71	Cowardin Class(es):	PEM
Investigator(s):	PF/SE	HGM Class(es):	RFT

Location -- Legal: T. 5S, R. 2E, Section 17
Other: North of Molalla Forest Road, west of Molalla Ave., south of Hwy 211
Tax Lots: 52E17A 00100, 00101, 00102
Hydrologic basin: Bear Creek
Soil -- Mapped series: Dayton silt loam
Hydrologic Source: Surface water

TREES	SHRUBS	VINES	HERBS
			Agrostis stolonifera
	-		Ranunculus repens
			Carex leporina
			Carex stipata
			Myosotis discolor
			Phalaris arundinacea
			Holcus lanatus
			Equisetum arvense
			Veronica americana
			Lotus corniculatus

Comments:

Bear Creek and associated wetlands in narrow channel through Floragon Forest Products site. Disturbed and channelized, with several culverts under access roads. Hydrologically connected to BC-22B by surface water. Zoned heavy industrial. Adjacent land use is heavy industrial.

Adjacent Upland Species: Rubus discolor, Daucus carota, Cirsium arvense, Chrysanthemum leucanthemum, Festuca arundinacea, Taraxacum officinale, Cytisus scoparius, Crataegus monogyna

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



Project Name:

Molalla LWI

		Wetland Code:	BC-22B
Date(s) of field work:	5/1/01, 6/6/01	Size (acres):	10.64
Data Sheet Numbers:	64,65, 66	Cowardin Class(es):	PFO, POW
Investigator(s):	PF/SE	HGM Class(es):	RFT

Location -- Legal: T. 5S, R. 2E, Sections 8, 17

Other: North of Molalla Forest Road, west of Molalla Ave., south of Hwy 211

Tax Lots: 5S2E08C 03400, 03401; 52E17 00100, 00101; 52E17A 05100, 05190, 05200, 05280

Hydrologic basin: Bear Creek

Soil -- Mapped series: Dayton silt loam

Hydrologic Source: Surface water, groundwater

TREES	SHRUBS	VINES	HERBS
Fraxinus latifolia	Cornus stolonifera	Solanum dulcamara	Agrostis stolonifera
Populus trichocarpa	Salix spp.		Ranunculus repens
	Spiraea douglasii		Agrostis tenuis
	Physocarpus capitatus		Carex densa
			Epilobium watsonii
			Phalaris arundinacea
			Lotus corniculatus
			Impatiens noli-tangere
			Juncus effusus
			Alopecuris geniculatus

Comments:

Locally Significant Wetland

Palustrine forested wetland extending from Floragon Forest Products site west. Areas of ponded water, beaver dams, snags. High quality wildlife habitat. Bear Creek flows through this area. Hydrologically connected to BC-22A, 22C, 22D and 19 by surface water. Zoned residential and small area of heavy industrial. Adjacent land use is residential and heavy industrial.

Adjacent Upland Species: Rubus discolor, Daucus carota, Cirsium arvense, Chrysanthemum leucanthemum, Festuca arundinacea, Taraxacum officinale, Heracleum lanatum, Cytisus scoparius, Prunus avium, Populus trichocarpa

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



Project Name: Molalla LWI

		Wetland Code:	BC-22C
Date(s) of field work:	OFF-SITE	Size (acres):	3.48
Data Sheet Numbers:	N/A	Cowardin Class(es):	PEM
Investigator(s):	PF/SE	HGM Class(es):	VS

Location -- Legal: T. 5S, R. 2E, Section 17

Other: North of Molalla Forest Road, west of Molalla Ave., south of Hwy 211

Tax Lots: 52E17A 05190

Hydrologic basin: Bear Creek

Soil -- Mapped series: Dayton silt loam

Hydrologic Source: Ground water, surface water

TREES	SHRUBS	VINES	HERBS
			Agrostis stolonifera
			Ranunculus repens
			Agrostis tenuis
			Carex densa
			Juncus patens
			Phalaris arundinacea
			Holcus lanatus
			Equisetum arvense
			Juncus effusus

Comments:

OFF-SITE. Palustrine emergent wetland pasture upslope from Bear Creek. Hydrologically connected to BC-22B by groundwater and seasonal surface water. Zoned residential. Adjacent land use is rural residential/pasture.

Adjacent Upland Species: Rubus discolor, Daucus carota, Cirsium arvense, Chrysanthemum leucanthemum, Festuca arundinacea, Taraxacum officinale, Cytisus scoparius, Anthoxanthum odoratum

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



Project Name:

Molalla LWI

		Wetland Code:	BC-22D
Date(s) of field work:	OFF-SITE	Size (acres):	1.78
Data Sheet Numbers:	N/A	Cowardin Class(es):	PEM
Investigator(s):	PF/SE	HGM Class(es):	VS

Location -- Legal: T. 5S, R. 2E, Section 17

Other: North of Molalla Forest Road, west of Molalla Ave., south of Hwy 211

Tax Lots: 52E17 00100, 00101

Hydrologic basin: Bear Creek

Soil -- Mapped series: Dayton silt loam

Hydrologic Source: Ground water, surface water

TREES	SHRUBS	VINES	HERBS
100			Agrostis stolonifera
			Ranunculus repens
			Agrostis tenuis
			Carex densa
			Juncus patens
			Phalaris arundinacea
	Y		Holcus lanatus
			Equisetum arvense
			Juncus effusus

Comments:

OFF-SITE. Palustrine emergent wetland pasture upslope from Bear Creek. Hydrologically connected to BC-22B by groundwater and seasonal surface water. Zoned residential. Adjacent land use is rural residential/pasture.

Adjacent Upland Species: Rubus discolor, Daucus carota, Cirsium arvense, Chrysanthemum leucanthemum, Festuca arundinacea, Taraxacum officinale, Cytisus scoparius, Anthoxanthum odoratum

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



Project Name:

Molalla LWI

		Wetland Code:	BC-22E
Date(s) of field work:	6/6/01	Size (acres):	0.27
Data Sheet Numbers:	69, 70	Cowardin Class(es):	PEM
Investigator(s):	PF/SE	HGM Class(es):	DCNP

Location --

Legal:

T. 5S, R. 2E, Section 17

Other:

North of Molalla Forest Road, west of Molalla Ave., south of Hwy 211

Tax Lots:

52E17A 05280, 05290

Hydrologic basin:

Bear Creek

Soil -- Mapped series:

Dayton silt loam

Hydrologic Source:

Groundwater, surface water

ominant Wetland Veget	ation		
TREES	SHRUBS	VINES	HERBS
			Agrostis stolonifera
			Lotus corniculatus
			Typha latifolia
			Eleocharis ovata
			Carex obnupta
			Phalaris arundinacea
			Juncus effusus

Comments:

Several depressions within the Floragon Forest Products site. Receives runoff from wood processing. Most are isolated, but one drains to Bear Creek. Zoned heavy industrial. Adjacent land use is heavy industrial.

Adjacent Upland Species: Rubus discolor, Rubus laciniatus, Vicia sativa, Galium aparine, Acer macrophyllum, Daucus carota, Cirsium arvense, Festuca myuros, Cytisus scoparius

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

HS = Headwater Slope

VS = Valley Slope



Project Name: Molalla LWI

		Wetland Code:	BC-23A
Date(s) of field work:	5/1/01, 5/24/01	Size (acres):	0.25
Data Sheet Numbers:	72, 73, 74	Cowardin Class(es):	PFO
Investigator(s):	PF, SE, FS	HGM Class(es):	DCNP

Location -- Legal: T. 5S, R. 2E, Section 16
Other: East of Molalla Avenue, south of 5th Street
Tax Lots: 52E09CD 00900
Hydrologic basin: Bear Creek

Soil -- Mapped series: Dayton silt loam

Hydrologic Source: Groundwater, surface water

TREES	SHRUBS	VINES	HERBS
Fraxinus latifolia	Spiraea douglasii	Solanum dulcamara	Phalaris arundinacea
Populus trichocarpa	Fraxinus latifolia		Impatiens noli-tangere
	Populus trichocarpa		Eleocharis palustris
	Rosa pisocarpa		Geum macrophyllum
	Salix lasiandra		Juncus effusus
			Polygonum sp.
			Cicuta douglasii
			Poa trivialis
			Epilobium watsonii
			Festuca rubra

Comments:

Small forested wetland on southeast corner of school track. Extends partially into road easement to south. Shallow ditch along dirt path drains east to main ditch running north/south. Adjacent land use and zoning is public and heavy industrial.

Adjacent Upland Species: Festuca arundinacea, Rubus discolor, Daucus carota, Festuca arundinacea, Galium aparine

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



Project Name: Molalla LWI

		Wetland Code:	BC-23B
Date(s) of field work:	OFF-SITE	Size (acres):	0.14
Data Sheet Numbers:	N/A	Cowardin Class(es):	PEM
Investigator(s):	PF	HGM Class(es):	DCNP

Location -- Legal: T. 5S, R. 2E, Section 16

Other: East of Molalla Avenue, south of 5th Street

Tax Lots: 52E16 02700

Hydrologic basin: Bear Creek

Soil -- Mapped series: Dayton silt loam Hydrologic Source: Groundwater

minant Wetland Veget	ation		
TREES	SHRUBS	VINES	HERBS
			Eleocharis ovata
			Typha latifolia
			Echinocloa crus-galli

Comments:

OFF-SITE. Avison mill site. Small remnant piece of former log pond. Disturbed. Adjacent land use and zoning is heavy industrial.

Adjacent Upland Species: Cytisus scoparius, Epilobium paniculatum, Lolium perenne, Daucus carota, Conyza canadensis, Trifolium pratense

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



Project Name: Molalla LWI

		Wetland Code:	BC-23C
Date(s) of field work:	OFF-SITE	Size (acres):	3.49
Data Sheet Numbers:	N/A	Cowardin Class(es):	PEM
Investigator(s):	PF	HGM Class(es):	DCNP

Location -- Legal: T. 5S, R. 2E, Section 16
Other: East of Molalla Avenue, south of 5th Street
Tax Lots: 52E16 02700, 02801
Hydrologic basin: Bear Creek

Soil -- Mapped series: Dayton silt loam Hydrologic Source: Groundwater

TREES	SHRUBS	VINES	HERBS
			Eleocharis ovata
			Typha latifolia
			Echinocloa crus-galli
			Agrostis alba
			Leersia oryzoides
			Lemna minor
			Veronica americana
			Equisetum arvense
			Epilobium watsonii
			Alisma plantago-aquatica

Comments:

OFF-SITE. Avison mill site. Remnant piece of former log pond. Disturbed. Drains southwest and hydrologically connected to BC-23F by seasonal surface water. Adjacent land use and zoning is heavy industrial.

Adjacent Upland Species: Cytisus scoparius, Daucus carota, Trifolium pratense, Conyza canadensis, Epilobium paniculatum

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



Project Name: Molalla LWI

		Wetland Code:	BC-23D
Date(s) of field work:	OFF-SITE	Size (acres):	6.77
Data Sheet Numbers:	N/A	Cowardin Class(es):	PEM
Investigator(s):	PF	HGM Class(es):	DCNP

Location -- Legal: T. 5S, R. 2E, Section 16
Other: East of Molalla Avenue, south of 5th Street
Tax Lots: 52E16 02801
Hydrologic basin: Bear Creek
Soil -- Mapped series: Dayton silt loam

Hydrologic Source: Groundwater

TREES	SHRUBS	VINES	HERBS
	Spiraea douglasii		Bidens frondosa
	Populus trichocarpa		Holcus lanatus
			Echinocloa crus-galli
			Gnaphalium palustre
			Agrostis tenuis
			Agrostis stolonifera
			Eleocharis ovata
		HERBS	Equisetum arvense
		Juncus effusus	Juncus tenuis
		Polygonum hydropiperoides	Lotus corniculatus

Comments:

OFF-SITE. Avison mill site. Disturbed area within old mill site. Drains southwest and hydrologically connected to BC-23F by seasonal surface water in ditch. Adjacent land use and zoning is heavy industrial.

Adjacent Upland Species: Cytisus scoparius, Daucus carota, Rubus discolor, Hypochaeris radicata, Lactuca serriola, Cirsium arvense, Chrysanthemum leucanthemum, Cirsium vulgare, Hypericum perforatum, Panicum capillare

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



Project Name: Molalla LWI

		Wetland Code:	BC-23E
Date(s) of field work:	OFF-SITE	Size (acres):	3.84
Data Sheet Numbers:	N/A	Cowardin Class(es):	PFO/PSS
Investigator(s):	PF	HGM Class(es):	DCNP

Location -- Legal: T. 5S, R. 2E, Section 16

Other: East of Molalla Avenue, south of 5th Street

Tax Lots: 52E16 02891, 02990

Hydrologic basin: Bear Creek

Soil -- Mapped series: Dayton silt loam
Hydrologic Source: Groundwater

TREES	SHRUBS	VINES	HERBS
Fraxinus latifolia	Spiraea douglasii		Phalaris arundinacea
	Populus trichocarpa		Holcus lanatus
	Fraxinus latifolia		Carex feta
	Crataegus douglasii		Juncus effusus
	Rosa pisocarpa		Agrostis tenuis
			Agrostis stolonifera
			Veronica scutellata
			Deschampsia cespitosa

Comments:

OFF-SITE. Avison mill site. Disturbed area within old mill site. Partially forested shallow depressional area in southeast corner of property. Extends outside the UGB to south. Adjacent land use and zoning is heavy industrial.

Adjacent Upland Species: Cytisus scoparius, Anthoxanthum odoratum, Aira sp., Leontodon nudicaulis, Centaurium umbellatum, Daucus carota, Rubus discolor, Hypochaeris radicata, Lactuca serriola, Cirsium arvense, Chrysanthemum leucanthemum, Cirsium vulgare, Hypericum perforatum, Amelanchier alnifolia

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



Project Name: Molalla LWI

		Wetland Code:	BC-23F
Date(s) of field work:	OFF-SITE	Size (acres):	5.89
Data Sheet Numbers:	N/A	Cowardin Class(es):	PEM/PSS
Investigator(s):	PF	HGM Class(es):	DCNP

Location -- Legal: T. 5S, R. 2E, Section 16
Other: East of Molalla Avenue, south of 5th Street

Tax Lots: 52E16 02801, 02891, 02900, 02990

Hydrologic basin: Bear Creek

Soil -- Mapped series: Dayton silt loam
Hydrologic Source: Groundwater

TREES	SHRUBS	VINES	HERBS
	Spiraea douglasii		Phalaris arundinacea
	Salix sp.		Holcus lanatus
			Lotus corniculatus
			Rumex crispus
			Agrostis tenuis
			Epilobium watsonii

Comments:

OFF-SITE. Avison mill site. Disturbed area within old mill site. Several ditches convey seasonal surface water/groundwater to southwest and Bear Creek. Level to hummocky ground with numerous shallow depressions Adjacent land use and zoning is heavy industrial.

Adjacent Upland Species: Cytisus scoparius, Anthoxanthum odoratum, Rubus discolor, Hypochaeris radicata, Cirsium arvense, Chrysanthemum leucanthemum, Hypericum perforatum

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



Project Name: Molalla LWI

		Wetland Code:	BC-23G
Date(s) of field work:	OFF-SITE	Size (acres):	2.82
Data Sheet Numbers:	N/A	Cowardin Class(es):	PEM/PFO
Investigator(s):	PF	HGM Class(es):	DCNP

Location -- Legal: T. 5S, R. 2E, Section 16

Other: East of Molalla Avenue, south of 5th Street

Tax Lots: 52E16 02900, 02990

Hydrologic basin: Bear Creek

Soil -- Mapped series: Dayton silt loam

Hydrologic Source: Groundwater, surface water

TREES	SHRUBS	VINES	HERBS
	Spiraea douglasii		Phalaris arundinacea
	Salix sp.		Holcus lanatus
			Lotus corniculatus
			Dipsacus sylvestris
			Agrostis tenuis
			Rumex crispus

Comments:

OFF-SITE. Avison mill site. Disturbed area within old mill site. Several ditches convey seasonal surface water/groundwater to southwest and Bear Creek. Extends to south out of UGB. Includes a portion of Bear Creek and associated riparian area. Adjacent land use and zoning is heavy industrial.

Adjacent Upland Species: Cytisus scoparius, Rubus discolor, Cirsium arvense, Cirsium vulgare, Daucus carota, Trifolium pratense, Chrysanthemum leucanthemum, Hypochaeris radicata

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



Project Name: Molalla LWI

		Wetland Code:	BC-24A
Date(s) of field work:	5/24/01	Size (acres):	0.73
Data Sheet Numbers:	76, 77	Cowardin Class(es):	PFO
Investigator(s):	SE/FS	HGM Class(es):	RFT

Location -- Legal: T. 5S, R. 2E, Section 16

Other: South of East 7th Street, west of Mathias Court

Tax Lots: 52E16 02406

Hydrologic basin: Bear Creek

Soil -- Mapped series: Dayton silt loam

Hydrologic Source: Surface water, precipitation, groundwater

TREES	SHRUBS	VINES	HERBS
Fraxinus latifolia	Fraxinus latifolia	Rubus discolor	Phalaris arundinacea
Salix sitchensis	Salix sitchensis		Carex stipata
Populus tremula	Salix scouleriana		Vicia americana
Salix scouleriana			Festuca arundinacea
-			

Comments:

Locally Significant Wetland

South of East 7th Street, west of Mathias Court and Mathias Road. This forested wetland is hydrologically connected to BC-24B, a palustrine emergent meadow with some open water areas, to the south. Zoned residential. Adjacent land use is residential and open space.

Adjacent Upland Species: Fraxinus latifolia, Cytisus scoparius, Amelanchier alnifolia, Rosa eglanteria, Rubus discolor, Festuca arundinacea, Anthoxanthum odoratum, Daucus carota, Chrysanthemum leucanthemum, Festuca rubra

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



Project Name: Molalla LWI

		Wetland Code:	BC-24B
Date(s) of field work:	5/24/01	Size (acres):	1.08
Data Sheet Numbers:	75	Cowardin Class(es):	PEM
Investigator(s):	SE/FS	HGM Class(es):	RFT

Location -- Legal: T. 5S, R. 2E, Section 16
Other: South of East 7th Street, west of Mathias Court
Tax Lots: 52E16 02406
Hydrologic basin: Bear Creek

Soil -- Mapped series: Dayton silt loam

Hydrologic Source: Surface water, precipitation, groundwater

TREES	SHRUBS	VINES	HERBS
	Fraxinus latifolia		Juncus effusus
			Carex stipata
			Eleocharis palustris
			Veronica americana
			Carex pellita
			Veronica scutellata
			Carex feta
			Typha latifolia
			Scirpus microcarpus
			Carex pachystachya

Comments:

Locally Significant Wetland

South of East 7th Street, west of Mathias Court and Mathias Road. This palustrine emergent meadow with some open water areas is hydrologically connected to BC-24A, a forested wetland to the north. Zoned residential. Adjacent land use is residential and open space.

Adjacent Upland Species: Fraxinus latifolia, Cytisus scoparius, Amelanchier alnifolia, Rosa eglanteria, Rubus discolor, Festuca arundinacea, Anthoxanthum odoratum, Daucus carota, Chrysanthemum leucanthemum, Festuca rubra

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



Project Name: Molalla LWI

		Wetland Code:	BC-25
Date(s) of field work:	OFF-SITE	Size (acres):	0.03
Data Sheet Numbers:	N/A	Cowardin Class(es):	PEM
Investigator(s):	SE/PF	HGM Class(es):	DCNP

Location -- Legal: T. 5S, R. 2E, Section 8

Other: West of railroad tracks, south of Heintz Street

Tax Lots: 52E08A 07600

Hydrologic basin: Bear Creek

Soil -- Mapped series: Dayton silt loam

Hydrologic Source: Precipitation, groundwater

S VINES	HERBS
1	
-	

Comments:

OFF-SITE. West of railroad tracks, south of Heintz Street. Small remnant piece of former palustrine scrub-shrub wetland. Disturbed. Zoning is heavy industrial. Adjacent land use is heavy industrial and residential.

Adjacent Upland Species:

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

HS = Headwater Slope

VS = Valley Slope



Project Name: Molalla Local Wetland Inventory

Wetland Code: BL-25

Watershed Setting: (Questions 1-14) See Attached Table

Wetland Structure and Relation to Surrounding Landscape	Wetland Habitat	Fisheries Habitat	Wetland Hydrology	Recreation
Q A	Q A	Q	$Q \longrightarrow A$	Q A
Q-15 ·	Q-21	Q-29 -	Q-36 C	Q-47 C
1 A	1	Streams connected to	Q-37 B	Q-48 C
2 A	2 A	the Wetland	Q-38 C	Q-49 B
3 A	3 /	QA	Q-39 —	Q-50 B
4 °C	4 /	Q-30 ~	Q-40 A	Asthetics
5 A .	Q-22 B	Q-31 -	Public Access to	Asinetics
Q-16 4	Q-23 C	Q-32 -	Wetland Site	Q A
Q-17 C	Q-24 C	Lakes and Ponds	Q A	Q-51 N/A
Q-18 B	Q-25/1/A	Lakes and Fonds	Q-41 C	Q-52 B
Q-19 B	Q-26 C	Q A	Q-42 B	Q-53 B
Q-20	Q-27 B	Q-33 -	Q-43 B	Q-54 B
1 A	Q-28 C	Q-34 —	Q-44 C	Q-55 A
2 A		Q-35 -	Q-45 B	Q-56 A
3 A		,	Q-46 C	Q-57 A
4 C				Q-58 C



Project Name: Molalla Local Wetland Inventory

Wetland Code: BC-24 B

Watershed Setting: (Questions 1-14) See Attached Table

Wetland Structure and Relation to Surrounding Landscape	Wetland Habitat	Fisheries Habitat	Wetland Hydrology	Recreation
Q A	QA	Q A	Q A	Q A
Q-15	Q-21	Q-29	Q-36 A	Q-47 C
1 0	1 /	Streams connected to	Q-37 A	Q-48 C
2 A	2 4	the Wetland	Q-38 C	Q-49 B
3 A	3 /	Q A	Q-39 A	Q-50 B
4 A	4 /	Q-30 —	Q-40 A	
5 A	Q-22 A	Q-31 —	Public Access to	Asthetics
Q-16 \	Q-23 C	Q-32 —	Wetland Site	Q A
Q-17 B	Q-24 B	Lakes and Ponds	Q A	Q-51 NIA
Q-18 B	Q-25 NIA	1 Lakes and Fonds	Q-41 B	Q-52 A
Q-19 B	Q-26 B	Q A	Q-42 A	Q-53 A
Q-20	Q-27 A	Q-33	Q-43 A	Q-54 A
1 A	Q-28 C	Q-34	Q-44 B	Q-55 A
2 A		Q-35 -	Q-45 13	Q-56 A
3 A	79.0	and the second of the second	Q-46 13	Q-57 B
4 C	1	often in the test		Q-58 A

\$43 Wetland is connected to BC-24A and is surrounded by open space.



Project Name: Molalla Local Wetland Inventory

Wetland Code: BC-24 B

Watershed Setting: (Questions 1-14) See Attached Table

Wetland Structure and Relation to Surrounding Landscape	Wetland Habitat	Fisheries Habitat	Wetland Hydrology	Recreation
Q A	Q A	Q A	Q A	Q
Q-15	Q-21	Q-29	Q-36 A	Q-47 C
1 0	1 /	Streams connected to	Q-37 A	Q-48 C
2 A	2 4	the Wetland	Q-38 C	Q-49 B
3 A	3 /	Q A	Q-39 A	Q-50 B
4 A	4 /	Q-30 —	Q-40 A	
5 A	Q-22 A	Q-31 —	Public Access to	Asthetics
Q-16 \	Q-23 C	Q-32 —	Wetland Site	Q A
Q-17 B	Q-24 B		Q A	Q-51 NIA
Q-18 B	Q-25 NIA	Lakes and Ponds	Q-41 B	Q-52 A
Q-19 B	Q-26 B	Q A	Q-42 A	Q-53 A
Q-20	Q-27 A	Q-33 -	Q-43 A	Q-54 A
1 A	Q-28 C	Q-34	Q-44 B	Q-55 A
2 A		Q-35 -	Q-45 K	Q-56 A
3 Å	3 - 12		Q-46 3	Q-57 B
4 C	1.		135	Q-58 A

#43 Wetland is connected to BC-24A and 15 Surrounded by open space.



Project Name: Molalla Local Wetland Inventory

Wetland Code: BC-24A

Watershed Setting: (Questions 1-14) See Attached Table

Wetland Structure and Relation to Surrounding Landscape	Wetland Habitat	Fisheries Habitat	Wetland Hydrology	Recreation
_Q	Q A	Q A	Q A	Q A
Q-15	Q-21.	Q-29 —	Q-36 B	Q-47 C
1 ()	1 /	Streams connected to	Q-37 A	Q-48 C
2 A	2 /	the Wetland	Q-38 C	Q-49 B
3	3 /	Q A	Q-39 —	Q-50 B
4 13	4 A	Q-30 ~	Q-40 🔼	Asthetics
5 A-1	Q-22 A	Q-31 —	Public Access to	Astuettes
Q-16	Q-23 A	Q-32 —	Wetland Site	Q A
Q-17 B	Q-24 C	Lakes and Ponds	QA	Q-51 N/A
Q-18 [3	Q-25 NIA	Lakes and Fonds	Q-41 B	Q-52 A
Q-19 [3	Q-26 B	Q A	Q-42 A	Q-53 A
Q-20	Q-27 A	Q-33 ~	Q-43 A	Q-54 A
1 A	Q-28 C	Q-34 —	Q-44 B	Q-55 A
2 A		Q-35 —	Q-45 B	Q-56 A
. 3 A			Q-46 B	Q-57 B
4 C	72 T. V. T. V.	des meder side -		Q-58 A

#43 Wetland is connected to BC-Z4B and is adjacent to open space all around,



Project Name: Molalla Local Wetland Inventory

Wetland Code: BC-236

Watershed Setting: (Questions 1-14) See Attached Table

Wetland Habitat	Fisheries Habitat	Wetland Hydrology	Recreation
Q A	Q A	Q A	Q A
Q-21	Q-29 A	Q-36 A	Q-47 C
1 /	Streams connected to	Q-37 A	Q-48 C
2 A	the Wetland	Q-38	Q-49 B
3 /	Q A	Q-39 —	Q-50 B
4 D	Q-30 A	Q-40 A	Asthetics
Q-22 A	Q-31 B	Public Access to	Astricues
Q-23 C	Q-32 C	Wetland Site	Q A
Q-24 C	I also and Bonds	Q A	Q-51 N/A
Q-25 NIA	Lakes and Fonds	Q-41 C	Q-52 C
Q-26 B	Q A	Q-42 B	Q-53 C
Q-27 A	Q-33 B	Q-43 A	Q-54 C
Q-28 C	Q-34 C	Q-44 C	Q-55 A
1.0	Q-35 A	Q-45 B	Q-56 A
] ,	-	Q-46 C	Q-57 A
1			Q-58 C
	Q A Q-21 1 / 2 A 3 / 4 D Q-22 A Q-23 C Q-24 C Q-25 N/A Q-26 B Q-27 A	Q A Q A Q-21 Q-29 A 1	Q A Q A Q A Q-21 Q-29 A Q-36 A 1 Streams connected to Q-37 A 2 A the Wetland Q-38 C 3 Q A Q-39 — 4 D Q-30 A Q-40 A Q-22 A Q-31 B Public Access to Q-23 C Q-32 C Wetland Site Q-24 C Q-41 C Q-25 N/A Q-41 C Q-26 B Q A Q-42 B Q-27 A Q-33 B Q-42 B Q-27 A Q-33 B Q-43 A Q-28 C Q-34 C Q-44 C Q-28 C Q-34 C Q-45 B

43 Netland is converted to Bear Creek and associated ripairan area. Wetland is surrounded on all sides by open space.



Project Name: Molalla Local Wetland Inventory

Wetland Code: BC = 23 f=

Watershed Setting: (Questions 1-14)

See Attached Table

Wetland Structure and Relation to Surrounding Landscape	Wetland Habitat	Fisheries Habitat	Wetland Hydrology	Recreation
Q A	Q A	Q	Q A	Q A
Q-15	Q-21	Q-29 -	Q-36 C	Q-47 C
1 (1	Streams connected to	Q-37 3	Q-48 C
2 A	2 B	the Wetland	Q-38 C	Q-49 B
3 A	3 C	Q A	Q-39 —	Q-50 B
4 B	4 /	Q-30 -	Q-40 A	Asthetics
5 A	Q-22 A	Q-31 —	Public Access to	Asineucs
Q-16 1	Q-23 C	Q-32 —	Wetland Site	Q A
Q-17 A	Q-24 C	Lakes and Ponds	y Q A	Q-51 NIA
Q-18 A	Q-25 N/A	- Lakes and Ponds »	Q-41 C	Q-52 C
Q-19 B	Q-26 C	Q A	Q-42 B	Q-53 C
Q-20	Q-27 A	Q-33 —	Q-43 A	Q-54 C
1 A	Q-28 C	Q-34 —	Q-44 C	Q-55 A
2 A .	1 1000	Q-35 —	Q-45 B	Q-56 A
3 A		East,	Q-46 C	Q-57 A
4 C				Q-58 C
5 A	# F			

43 Surrounded on all sides by open space.
Hydrologically connected to Bean Creek by
Seasonal surface water conveyed by ditches.



Project Name: Molalla Local Wetland Inventory

Wetland Code: BL-23E

Watershed Setting: (Questions 1-14) See Attached Table

Wetland Structure and Relation to Surrounding Landscape	Wetland Habitat	Fisheries Habitat	Wetland Hydrology	Recreation
Q A	Q A	Q A	Q A	Q
Q-15	Q-21	Q-29 -	Q-36 C	Q-47 C
1 0	1 -	Streams connected to	Q-37 B	Q-48 C
2 A	2	the Wetland	Q-38 C	Q-49 B
3 A	3 A	Q A	Q-39 —	Q-50 B
4 A	4 D	Q-30	Q-40 A	Asthetics
5 4	Q-22 A	Q-31	Public Access to	Astrictics
Q-16	Q-23 A	Q-32 -	Wetland Site	Q A
Q-17 B	Q-24 B	Lakes and Ponds	QA	Q-51 N/A
Q-18 B	Q-25 NIA	- Lakes and Fonds	Q-41 C	Q-52 C
Q-19. 3	Q-26 C	Q A	Q-42 B	Q-53 C
Q-20	Q-27 B	Q-33 -	Q-43 A	Q-54 C
1 A	Q-28 C	Q-34 -	Q-44 C	Q-55 A
2 A		Q-35	Q-45 3	Q-56 A
3 A		•	Q-46 L	Q-57 A
	1			O-58 &
4	1			Q-58 E

43 Wetland is surrounded on all sides by open space. Large swath of thees ~ 350' south of UGB (wetland extends past UGB).



Project Name: Molalla Local Wetland Inventory

Wetland Code: BC-23D

Watershed Setting: (Questions 1-14)

See Attached Table

Wetland Structure and Relation to Surrounding Landscape	Wetland Habitat	Fisheries Habitat	Wetland Hydrology	Recreation
QA	Q A	Q A	QA	Q A
Q-15	Q-21	Q-29 —	Q-36 C	Q-47 C
1 C	1	Streams connected to	Q-37 B	Q-48 C
2 Д	2 A	the Wetland	Q-38 C	Q-49 B
3 4	3 /	Q A	Q-39 —	Q-50 B
4 B	4	Q-30 -	Q-40 A	Asthetics
5 A	Q-22 A	Q-31 –	Public Access to	Astricues
Q-16 \	Q-23 C	Q-32 –	Wetland Site	Q A
Q-17 A	Q-24 B	Lakes and Ponds	Q A	Q-51 NIA
Q-18 B	Q-25 NIA	Lakes and Fonds	Q-41 C	Q-52 C
Q-19 B	Q-26 C	Q A	Q-42 B	Q-53 C
Q-20	Q-27 A	Q-33 -	Q-43 A	Q-54 C
1 A	Q-28 C	Q-34 -	Q-44 C	Q-55 A
2 A	A. Zaje	Q-35 ~	Q-45 B	Q-56 A
3 A		16.00 17.00 18.00	Q-46 . C	Q-57 A
4 C				Q-58

13 Wet and is hydrologically connected to BC-23f by Scapprol surface water in ditch



Project Name: Molalla Local Wetland Inventory

Wetland Code: BC-236

Watershed Setting: (Questions 1-14) See Attached Table

Wetland Structure and Relation to Surrounding Landscape	Wetland Habitat	Fisheries Habitat	Wetland Hydrology	Recreation
Q A	Q A	Q A	Q	. Q
Q-15	Q-21	Q-29 —	Q-36 C	Q-47 C
1 (1 /	Streams connected to	Q-37 A	Q-48 C
2 Å	2 A	the Wetland	Q-38 C	Q-49 B
3 A	3 /	Q A	Q-39 —	Q-50 K
4 B	4	Q-30 —	Q-40 A	Asthetics
5 A	Q-22 A	Q-31 —	Public Access to	Asineucs
Q-16	Q-23 C	Q-32	Wetland Site	Q: A-
Q-17 B	Q-24 C	Lakes and Ponds	√Q A	Q-51 N/A
Q-18 3	Q-25 NIA	Lakes and Fonds	Q-41 C	Q-52 C
Q-19 B	Q-26 C	Q A	Q-42 B	Q-53 C
Q-20	Q-27 A	Q-33 —	Q-43 A	Q-54 C
1 A	Q-28 C	Q-34 —	Q-44 C	Q-55 4
2 A	_:	Q-35 _	Q-45 B	Q-56 A
3 A			Q-46 C	Q-57 A
4 C]			Q-58 C
5 A	1			

HA3 Wetland is part of a mosaic within an open space and is hydrologically connected to BC-23f by seasonal surface water.



Project Name: Molalla Local Wetland Inventory

Wetland Code: BC 23 B

Watershed Setting: (Questions 1-14)

See Attached Table

etland Structure and Relation to Surrounding Landscape	Wetland Habitat	Fisheries Habitat	Wetland Hydrology	Recreation
Q A	Q A	Q A	Q A	. Q A .
Q-15	Q-21	Q-29 -	Q-36 C	Q-47 (
1 0	1 /	Streams connected to	Q-37 B	Q-48 (
2 A	2 A	the Wetland	Q-38 C	Q-49 B
3 A	3	Q A	Q-39 —	Q-50 B
4 B	4 /	Q-30 —	Q-40 A	
5 A	Q-22 B	Q-31 -	Public Access to	Asthetics
Q-16	Q-23 C	Q-32 -	Wetland Site	Q A
Q-17 C	Q-24 C	Lakes and Ponds	QA	Q-51 NIN
Q-18 B	Q-25 N/A	- Lakes and Fonds	Q-41 C	Q-52 C
Q-19 B	Q-26 C	Q A	Q-42 B	Q-53
Q-20	Q-27 B	Q-33 —	Q-43 A	Q-54 C
1 A	Q-28 C	Q-34 —	Q-44 C	Q-55 A
2 A	18 88 O	Q-35 _	Q-45 B	Q-56 A
3 A	77.0	1 7 abo	Q-46 C	Q-57 A
4 6	5 85-5			Q-58 C

43 Wetland is surrounded on all sides by field containing associated wetlands.



Project Name: Molalla Local Wetland Inventory

Wetland Code: BC-23A

Watershed Setting: (Questions 1-14) See Attached Table

Wetland Structure and Relation to Surrounding Landscape	Wetland Habitat	Fisheries Habitat	Wetland Hydrology	Recreation
Q A	Q A	Q A	Q A	Q A
Q-15	Q-21	Q-29 —	Q-36 C	Q-47 C
1 B	1	Streams connected to	Q-37 C	Q-48
2 A	2 /	the Wetland	Q-38	Q-49 B
3 A	3 /	Q A	Q-39 —	Q-50
4 C	4 A	Q-30 -	Q-40 A	Asthetics
. 5 A	Q-22 A	Q-31	Public Access to	Asilieucs
Q-16	Q-23 A	Q-32 —	Wetland Site	Q A
Q-17 C	Q-24 C	Lakes and Ponds	Q A	Q-51 NIA
. Q-18 A	Q-25 NIA	Lakes and I onds	Q-41 B	Q-52 B
Q-19 B	Q-26 13	Q A	Q-42 A	Q-53 B
Q-20	Q-27 A	Q-33 —	Q-43 A	Q-54 B
1 A	Q-28 C	Q-34 —	Q-44 B	Q-55 A
2 A		Q-35 —	Q-45 A	Q-56 A
3 A			Q-46 B	Q-57 B
4 C				Q-58 L
5 A	1			

43 Southern wetland boundary abouts an open lot-containing a mosaic of wetlands.



Project Name: Molalla Local Wetland Inventory

Wetland Code: BC - 22 E

Watershed Setting: (Questions 1-14) See Attached Table

Wetland Structure and Relation to Surrounding Landscape	Wetland Habitat	Fisheries Habitat	Wetland Hydrology	Recreation
Q A	Q A	Q	Q A	Q A
Q-15	Q-21	Q-29 —	Q-36 B	Q-47 C
1 B	1	Streams connected to	Q-37 A	Q-48 C
2 A	2 A	the Wetland	Q-38 C	Q-49 B
3 A	3 /	Q A	Q-39 —	Q-50 B
4	4 /	Q-30 -	Q-40 A	7-0
5 A	Q-22 A	Q-31 —	Public Access to	Asthetics
Q-16	Q-23 C	Q-32 ~	Wetland Site	Q A
Q-17 C	Q-24 (Lakes and Ponds	⊋Q A	Q-51 NIA
Q-18 A	Q-25 NLA	Lakes and 1 onus	Q-41 C	Q-52 C
Q-19 3	Q-26 C	Q A	Q-42 C	Q-53 C
Q-20	Q-27 A	Q-33 ~	Q-43 B	Q-54 C
1 A	Q-28 C	Q-34 -	Q-44 C	Q-55 3
2 A	1 37-4	Q-35 -	Q-45 B	Q-56 B
3 A	100 TO 10	THE RES	Q-46 C	Q-57 B
4 C	A ENGL	Complete a selection of the party of		Q-58 (



Project Name: Molalla Local Wetland Inventory

Wetland Code: 3C=22D

Watershed Setting: (Questions 1-14) See Attached Table

Wetland Habitat	Fisheries Habitat	Wetland Hydrology	Recreation
QA	Q A	- Q A	Q A
Q-21	Q-29 -	Q-36	Q-47 C
1/-0	Streams connected to	Q-37 13	Q-48 C
2 A	the Wetland	Q-38	Q-49 B
3	Q A	Q-39 —	Q-50 B
4	Q-30 -	Q-40 /4	
Q-22 A	Q-31	Public Access to	Asthetics
Q-23 C	Q-32 -	Wetland Site	Q A
Q-24 B		Q A	Q-51 NIA
Q-25 N/A	Lakes and Ponds	Q-41 C	Q-52 B
Q-26 A	Q A	Q-42 A	Q-53 A
Q-27 A	Q-33 -	Q-43 A	Q-54 A
Q-28 C	Q-34 -	Q-44 B	Q-55 3
	Q-35 -	Q-45 B	Q-56 B
		Q-46 C	Q-57 A
1		the state of the s	Q-58 B
	Q-21 1 2 4 3 4 Q-22 A- Q-23 C Q-24 B Q-25 N/A Q-26 A Q-27 A	Q-21 Q-29	Q-21 Q-29 C 1 Streams connected to the Wetland Q-37 B 2 the Wetland Q-38 C 3 Q A Q-39 — 4 Q-30 — Q-40 A Q-22 A Q-31 — Public Access to Wetland Site Q-23 C Q-32 — Wetland Site Q-24 B Q-41 C Q-25 Q-41 C Q-41 C Q-26 A Q-42 A Q-27 A Q-33 — Q-42 A Q-27 A Q-33 — Q-43 A Q-28 C Q-34 — Q-44 B Q-28 C Q-34 — Q-44 B Q-35 — Q-45 B

43 Hydrologically connected to BC-22B. Across Moralla Forest Rd is tree farm.



Project Name: Molalla Local Wetland Inventory

Wetland Code: BU-226

Watershed Setting: (Questions 1-14)

See Attached Table

Wetland Structure and Relation to Surrounding Landscape	Wetland Habitat	Fisheries Habitat	Wetland Hydrology	Recreation
Q A	Q A	Q A -	Q A	Q A
Q-15	Q-21	Q-29 —	Q-36 C	Q-47 C
1 3	1/	Streams connected to	Q-37 B	Q-48 C
2 A	2 A	the Wetland	Q-38 C	Q-49 B
3 A	3 /	QA	Q-39 —	Q-50 B
4 13	4	Q-30 —	Q-40 A	Asthetics
5 A	Q-22 A	Q-31 —	Public Access to	Astrieucs
Q-16	Q-23 C	Q-32	Wetland Site	Q A
Q-17 B	Q-24 B	Lakes and Ponds	Q A	Q-51 N/A
Q-18 A	Q-25 NIA	- Lakes and Fonds	Q-41 C	Q-52 13
Q-19 B	Q-26 A	Q A	Q-42 A	Q-53 A
Q-20	Q-27 A	Q-33 —	Q-43 A	Q-54 A
1 A	Q-28 C	Q-34 -	Q-44 B	Q-55 B
2 A	Service and the Control of the Contr	Q-35 -	Q-45 B	Q-56 B
3 A		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Q-46 (Q-57 A
4 C				Q-58 B

13 Hydratogically connected to BC-22B and BC-22A.
To the south is an open space (large lot with
one house in the southern portion).



Project Name: Molalla Local Wetland Inventory

Wetland Code: BL-22B

Watershed Setting: (Questions 1-14) See Attached Table

Vetland Structure and Relation to Surrounding Landscape	Wetland Habitat	Fisheries Habitat	Wetland Hydrology	Recreation
Q A	QA	Q /A :-	Q A	Q A
Q-15	Q-21	Q-29 A	Q-36 A	Q-47 C
1 B	1 0	Streams connected to	Q-37 A	Q-48 (
2 A	2 /	the Wetland	Q-38 C	Q-49 B
3 A	3 /	Q A	Q-39 C	Q-50 B
4 B	4 A	Q-30 A	Q-40 A	Asthetics
5 A	Q-22 A	Q-31 A	Public Access to	Astuetics
Q-16	Q-23 A	Q-32 A	Wetland Site	Q A
Q-17 A	Q-24 A	- Lakes and Ponds	Q A	Q-51 NIA
Q-18 A	Q-25 NA	Lakes allu I vilus	Q-41 C	Q-52 B
Q-19 B	Q-26 A	QA	Q-42 A	Q-53 A
Q-20	Q-27 A	Q-33 A	Q-43 A	Q-54 A
1 A	Q-28 B	Q-34 A	Q-44 B	Q-55 B
2 A		Q-35 A	Q-45 B	Q-56 A
3 A			Q-46 C	Q-57 C
4 C				Q-58 A

43 Associated wetlands (PEM; BC-22C & BC-22D)
Surround wetland on southeast and southwest sides.
Northwest side of wetland adjacent to open space:



Project Name: Molalla Local Wetland Inventory

Wetland Code: BC=22A

Watershed Setting: (Questions 1-14) See Attached Table

Wetland Structure and Relation to Surrounding Landscape	Wetland Habitat	Fisheries Habitat	Wetland Hydrology	Recreation
Q A	Q A	Q A	Q A	Q A
Q-15	Q-21	Q-29 A	Q-36 A	Q-47 C
1 B	1 -	Streams connected to	Q-37 A	.Q-48 C
2 A	2 A	the Wetland	Q-38 C	Q-49 B
3 A	3 /	Q A	Q-39 A	Q-50 B
4 C	4 /	Q-30 C	Q-40 A	Asthetics
5 A	Q-22 A	Q-31 C	Public Access to	Astretics
Q-16 4	Q-23 B	Q-32 C	Wetland Site	Q A
Q-17 C	Q-24 (Lakes and Ponds	Q A	Q-51 NIA
Q-18 A	Q-25 N/A	Lakes and Ponds	Q-41 C	Q-52 C
Q-19 B	Q-26 C	Q A	Q-42 (Q-53
Q-20	Q-27 A	Q-33 C	Q-43 A	Q-54 C
1 A	Q-28 C	Q-34 C	Q-44 C	Q-55 B
2 A		Q-35 C	Q-45 B	Q-56 B
3 A	(7.37)	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Q-46 C	Q-57 B
4 C		Accommodate and a second second		Q-58 C
5 A	and make a real stopper		.,	5 13:

43 Wetland is a stretch of Bear Creek in a narrow channel, and is connected to BC-22B by surface water.



Project Name: Molalla Local Wetland Inventory

Wetland Code: BC = 2 |

Watershed Setting: (Questions 1-14) See Attached Table

Wetland Structure and Relation to Surrounding Landscape	Wetland Habitat	Fisheries Habitat	Wetland Hydrology	Recreation
Q A	Q A	Q A	Q Å	QA
Q-15	Q-21	Q-29 ~	Q-36 B	Q-47 C
1 A	1 /	Streams connected to	Q-37 B	Q-48 C
2 A	2 /	the Wetland	Q-38 C	Q-49 B
3 A	3	QA	Q-39 —	Q-50 B
4 C	4 A	Q-30 —	Q-40 A	X-0
5 A	Q-22 A	Q-31 -	Public Access to	Asthetics
Q-16 4	Q-23 A	Q-32 —	Wetland Site	Q A
Q-17 B	Q-24 B	Lakes and Ponds	Q A	Q-51 N/A
Q-18 B	Q-25 NIA	Lakes and Folius	Q-41 C	Q-52 C
Q-19 B	Q-26 C	Q A	Q-42 B	Q-53 C
Q-20	Q-27 B	Q-33 —	Q-43 B	Q-54 C
1 A	Q-28 C	Q-34 —	Q-44 C	Q-55 A
2 A .		Q-35 —	Q-45 B	Q-56 B
3 A			Q-46 C	Q-57 B
4 C		- · · · · · · · · · · · · · · · · · · ·		Q-58 B



Project Name: Molalla Local Wetland Inventory

Wetland Code: BC-20

Watershed Setting: (Questions 1-14) See Attached Table

Vetland Structure and Relation to Surrounding Landscape	Wetland Habitat	Fisheries Habitat	Wetland Hydrology	Recreation
Q A	Q A	Q A	Q A	Q A
Q-15	Q-21	Q-29 -	Q-36 B	Q-47 C
1 ()	1 /	Streams connected to	Q-37 A	Q-48 C
2 A	2 A	the Wetland	Q-38 C	Q-49 B
3 A	3 7	QA	Q-39 -	Q-50 B
4 2	4 /	Q-30 -	Q-40 A	Asthetics
5 A	Q-22 (1,	Q-31 ~	Public Access to	Astretics
Q-16	Q-23 C	Q-32 —	Wetland Site	Q A
Q-17 C	Q-24 C		Q A	Q-51 NIA
Q-18 B	Q-25 N/A	Lakes and Ponds	Q-41 C	Q-52 B
Q-19 B	Q-26 C	Q A	Q-42 B	Q-53 B
Q-20	Q-27 B	Q-33 —	Q-43 A	Q-54 B
1 A	Q-28 L	Q-34 -	Q-44 C	Q-55 A
2 A	85.27	Q-35 ~	Q-45 B	Q-56 A
3 A	mark and a second of the second	75	Q-46 C	Q-57 A
4 C	- 17 (A)	A recognition is seen to		Q-58 C

13 Welland is adjacent to forested area (across Love Rd.), and convected an east I west to drainage ditches.



Project Name: Molalla Local Wetland Inventory

Wetland Code: BC=196

Watershed Setting: (Questions 1-14) See Attached Table

Wetland Structure and Relation to Surrounding Landscape	Wetland Habitat	Fisheries Habitat	Wetland Hydrology	Recreation
Q A	Q A	Q A	QA	Q
Q-15	Q-21	Q-29 A	Q-36 A	Q-47 C
1 8	1 /	Streams connected to	Q-37 B	Q-48 C
2 B	2 /	the Wetland	Q-38 C	Q-49 B
3 A	3 /	Q A	Q-39 —	Q-50 B
4 A	4. A	Q-30 B	Q-40 A	Asthetics
5 A	Q-22 A	Q-31 A	Public Access to	Asinetics
Q-16	Q-23 A	Q-32 B	Wetland Site	Q A
Q-17 B .	Q-24 B	Lakes and Ponds	Q A	Q-51 NIA
Q-18 A	Q-25 N/A	Lakes and Fonds	Q-41 C	Q-52 A
Q-19 B	Q-26 A	Q A	Q-42 A	Q-53 A
Q-20	Q-27 A	Q-33 A	Q-43 A	Q-54 A
1 A	Q-28 C	Q-34 . B	Q-44 C	Q-55 A
2 A		Q-35 B	Q-45 B	Q-56 A
3 A			Q-46 C	Q-57 B
4 C	1	92		Q-58 B

#43 Wetland is bordered on the east by forested axea, and on the west by open space / agricultural land. Upstream, wetland is connected to BC-22B, a forested wetland.



Project Name: Molalla Local Wetland Inventory

Wetland Code: BC = 18

Watershed Setting: (Questions 1-14) See Attached Table

Wetland Habitat	Fisheries Habitat	Wetland Hydrology	Recreation
Q A	Q- A	Q A	Q A
Q-21	Q-29 —	Q-36 A	Q-47 C
1 /	Streams connected to	Q-37 A	Q-48 C
2 🖰	the Wetland	Q-38 C	Q-49 B
3 B	Q A	Q-39 A	Q-50 B
4 /	Q-30 —	Q-40 A	Asthetics
Q-22 A	Q-31 —	Public Access to	Astrictics
Q-23 C	Q-32 -	Wetland Site	Q A
Q-24 C	Lakes and Ponds	Q A	Q-51 N/A
Q-25 N/A	Lakes and Fonds	Q-41 C	Q-52 B
Q-26 B	Q A	Q-42 A	Q-53 A
Q-27 B	Q-33 —	Q-43 A	Q-54 A
	Q-34 —	Q-44 C	Q-55 A
1911	Q-35 —	Q-45 B	Q-56 13
A TI-II	Parameter Company	Q-46 C	Q-57
entropies control (1974)	Frank Beerlin		Q-58 B
	Q A Q-21 1	Q A Q A Q-21 Q-29 1 Streams connected to 2 C the Wetland 3 B Q A 4 Q-30 — Q-22 A Q-31 — Q-23 C Q-32 — Q-24 C Q-32 — Q-24 C Q-25 M/A Q-26 B Q A Q-27 B Q-33 — Q-28 C Q-34 —	Q A Q A Q A Q-21 Q-29

#43 Wetland appears to be remnant agricultural feature (e.g. irrigation ditch) and is surrounded by shrubby open area.



Project Name: Molalla Local Wetland Inventory

Wetland Code: BC - 1713

Watershed Setting: (Questions 1-14) See Attached Table

Vetland Structure a Relation to Surrounding Landscape	d Wetland Habitat	Fisheries Habitat	Wetland Hydrology	Recreation
Q A	Q A	Q A	Q A	Q
Q-15	Q-21	Q-29 A	Q-36 A	Q-47 C
1 (/	1 /	Streams connected to	0.00	Q-48 C
2 Å	2 A	the Wetland	Q-38 C	Q-49 B
3 A	3	- Q A	Q-39 A	Q-50 B
4 6	4 /	Q-30 A	Q-40 A	Asthetics
5 A	Q-22 B	Q-31 C	Public Access to	Asilieucs
Q-16	Q-23 C	Q-32 B	Wetland Site	Q
Q-17 C	Q-24 C	- Lakes and Ponds	Q A	Q-51 N/A
Q-18 A	Q-25 N/A	Lakes and I ones	Q-41 C	Q-52 B
Q-19 B	Q-26 B	Q A	Q-42 A	Q-53 B
Q-20	Q-27 A	Q-33 C	Q-43 A	Q-54 B
1 A	Q-28 C	Q-34 B	Q-44 B	Q-55 A
2 A		Q-35 A	Q-45 B	Q-56 A
3 A	3.19		Q-46 C	Q-57 /4
4 C				Q-58 B

43 Northern tip of wetland hydrologically connects to BC-17A, and just touches the forested onea that surrounds BC-17A.



Project Name: Molalla Local Wetland Inventory

Wetland Code: BしっパA

Watershed Setting: (Questions 1-14)

See Attached Table

Vetland Structure and Relation to Surrounding Landscape	Wetland Habitat	Fisheries Habitat	Wetland Hydrology	Recreation
Q A	Q A	Q A	Q A	Q
Q-15	Q-21	Q-29 A	Q-36 A	Q-47 C
1 13	1 /	Streams connected to	Q-37 B	Q-48 C
2 3	2 /	the Wetland	Q-38 C	Q-49 B
3 A	3 /	Q A	Q-39 A	Q-50 B
4 B	4 A.	Q-30 A	Q-40 A	Asthetics
5 A	Q-22 A	Q-31 A	Public Access to	Astrictics
Q-16	Q-23 A	Q-32 B	Wetland Site	Q A
Q-17 B	Q-24 B	Lakes and Ponds	Q A	Q-51 NIA
Q-18 A	Q-25 NIA	- Lakes and Fonds	Q-41 C	Q-52 B
Q-19 B	Q-26 B	Q A	Q-42 A	Q-53 A
Q-20	Q-27 A	Q-33 A	Q-43 A	Q-54 A
1 A	Q-28 C	Q-34 B	Q-44 B.	Q-55 A
2 A	- 32.5	Q-35 A	Q-45 B	Q-56 B
3 A	72-57		Q-46 C	Q-57 C
4 C	12.5	granisa da disensi da di kabilan da di k		Q-58 B

#43 - Surrounded by (& located within) forested area. Welland has hydrologic connection to BC-178 through culvert.



Project Name: Molalla Local Wetland Inventory

Wetland Code: 32-163

Watershed Setting: (Questions 1-14) See Attached Table

Wetland Habitat	Fisheries Habitat	Wetland Hydrology	Recreation
Q A	Q A	Q A	Q A
Q-21	Q-29 -	Q-36 A	Q-47 C
1 /	Streams connected to	Q-37 B	Q-48 C
2 A	the Wetland	Q-38 C	Q-49 B
3	Q A	Q-39 A	Q-50 B
4	Q-30 ~	Q-40 A	Asthetics
Q-22 B	Q-31 -	Public Access to	Astricucs
Q-23 C	Q-32 -	Wetland Site	Q A
Q-24 C	Table and David	Q A	Q-51 N/A
Q-25 NIA	Lakes and Fonds	Q-41 C	Q-52 B
Q-26 C	Q A	Q-42 B	Q-53 A
Q-27 A	Q-33 -	Q-43 A	Q-54 A
Q-28 C	Q-34 -	Q-44 B	Q-55 A
P 27	Q-35 -	Q-45 B	Q-56 A
		Q-46 C	Q-57 A
1			Q-58 C
	Q A Q-21 1 / 2 A 3 / 4 / Q-22 B Q-23 C Q-24 C Q-25 N/A Q-26 C Q-27 A	Q A Q A Q-21	Q A Q A Q A Q-21 Q-29

#43 Wetland is hydrologically connected to BC-16A. Wetland is in the middle of agricultural oness.



Project Name: Molalla Local Wetland Inventory

Wetland Code: Bと-16A

Watershed Setting: (Questions 1-14)

See Attached Table

Wetland Structure and Relation to Surrounding Landscape	Wetland Habitat	Fisheries Habitat	Wetland Hydrology	Recreation
QA	Q A	Q: A	Q A	Q = A
Q-15	Q-21	Q-29 —	Q-36 A	Q-47 C
1 A	1	Streams connected to	Q-37 g	Q-48 C
2 8	2. A	the Wetland	Q-38 C	Q-49 B
3 A	3 /	Q A	Q-39 A	Q-50 B
4 13	4 /	Q-30 -	Q-40 A	Asthetics
5 A	Q-22 B	Q-31 -	Public Access to	Asinetics
Q-16 A	Q-23 C	Q-32 -	Wetland Site	Q A
Q-17 B	Q-24 (Q A	Q-51 N/A
Q-18 A	Q-25 N/A	Lakes and Ponds	Q-41 C	Q-52 B
Q-19 B	Q-26 C	Q A	Q-42 A	Q-53 A
Q-20	Q-27 A	Q-33 -	Q-43 A	Q-54 A
1 A	Q-28 C	Q-34 -	Q-44 B	Q-55 A
2 A	7 700	Q-35 -	Q-45 B	Q-56 A
3 A	# 12403	1 V. 18-0	Q-46 C	Q-57 B
4 C				Q-58 C
5 A	and the same of the	· · · · · · · · · · · · · · · · · · ·		1

43 WeAland is connected hydrologically to BC-16B by Seasonal surface water. Wetland runs through forest & field areas.



Project Name: Molalla Local Wetland Inventory

Wetland Code: | B と - 15 -

Watershed Setting: (Questions 1-14)

See Attached Table

Vetland Structure and Relation to Surrounding Landscape	Wetland Habitat	id Habitat Fisheries Habitat Wetland Hydrolo		y Recreation	
Q A	Q A	Q A	- Q A	QA	
Q-15	Q-21	Q-29 ~	Q-36 B	Q-47 C	
1 A	1 /	Streams connected to	Q-37 A	Q-48 C	
2 13	2 A	the Wetland	Q-38 A	Q-49 B	
3 A	3 /	Q A	Q-39 –	Q-50 B	
4 B	4 /	Q-30 —	Q-40 A	Asthetics	
5 A	Q-22 B	Q-31 —	Public Access to	Asineucs	
Q-16 2	Q-23 C	Q-32 -	Wetland Site	Q A	
Q-17 B	Q-24 C	- Lakes and Ponds	Q A	Q-51 NIA	
Q-18 B	Q-25 NIA	- Lakes allu Folius	Q-41 B	Q-52 A	
Q-19 B	Q-26 C	Q	Q-42 B	Q-53 A	
Q-20	Q-27 B	Q-33 —	Q-43 A	Q-54 A	
1 A	Q-28 C	Q-34 —	Q-44 C	Q-55 A	
2 A		Q-35	Q-45 B	Q-56 A	
3 A	1500	1, p. 1 = 1	Q-46 C	Q-57 B	
4 (Q-58 · C	

43 Wetland is surrounded by open space (mowed field) on south and east.



Project Name: Molalla Local Wetland Inventory

Wetland Code: BC-146

Watershed Setting: (Questions 1-14)

See Attached Table

Wetland Structure and Relation to Surrounding Landscape	Wetland Habitat	Fisheries Habitat	Wetland Hydrology	Recreation
Q A	Q A	Q A	Q A	Q
Q-15	Q-21	Q-29 —	Q-36 C	Q-47 C
1 B	1	Streams connected to	Q-37 B	Q-48 C
2	2 A	the Wetland	Q-38 C	Q-49 3
3 A.	3	Q A	Q-39 —	Q-50 13
4 A	4	Q-30 —	Q-40 A	
5 A	Q-22 B	Q-31 -	Public Access to	Asthetics
Q-16 2	Q-23 C	Q-32	Wetland Site	Q A
Q-17 C	Q-24 C	Lakes and Ponds	Q A	Q-51 NIA
Q-18 B	Q-25 NIA	Lakes and Fonds	Q-41 C	Q-52 B
Q-19 13	Q-26 C	Q A	Q-42 A	Q-53 B
Q-20	Q-27 B	Q-33 —	Q-43 A	Q-54 B
1 A	Q-28 C	Q-34 —	Q-44 B	Q-55 A
2 6	and the second	Q-35 —	Q-45 B	Q-56 B
3 A	Annual programme of the second	The State of the S	Q-46 C	Q-57 A
4 A		and the state of t	1	.Q-58 C
5 A	a articum committee			

43 Isolated wetland in the center of an agricultural field.



Project Name: Molalla Local Wetland Inventory

Watershed Setting: (Questions 1-14) See Attached Table

Wetland Structure and Relation to Surrounding Landscape	Wetland Habitat	Fisheries Habitat	Wetland Hydrology	Recreation
Q A	Q A	Q A	Q A	Q A
Q-15	Q-21	Q-29	Q-36 B	Q-47 C
1 B	1	Streams connected to	Q-37 A	Q-48 C
2 B	2 A	the Wetland	Q-38 C	Q-49 B
3 A	3	Q A	Q-39 —	Q-50 B
) 4 R	4 /	Q-30 —	Q-40 A	Asthetics
5 A	Q-22 B	Q-31	Public Access to	Astretics
Q-16	Q-23 C	Q-32	Wetland Site	Q · A
Q-17	Q-24 C	Lakes and Ponds	Q A	Q-51 NIA
Q-18 B	Q-25 N/A	1 Lakes and Fonds	Q-41 C	Q-52 A
Q-19 B	Q-26 C	Q A	Q-42 A	Q-53 A
Q-20	Q-27 B	Q-33 —	Q-43 A	Q-54 A
1 A	Q-28 C	Q-34 -	Q-44 C	Q-55 A
2 A	. 4. 4. 4. 4. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	Q-35 —	Q-45 B	Q-56 B
3 A			Q-46 C	Q-57 A
4 C	1		Inner the second	Q-58
5 A]			

13 Surrounded on south by open space / oak woodland on worth by again cultimal field.



Project Name: Molalla Local Wetland Inventory

Wetland Code: BC=12|3

Watershed Setting: (Questions 1-14)

See Attached Table

Vetland Structure and Relation to Surrounding Landscape	Wetland Habitat	Fisheries Habitat	Wetland Hydrology	Recreation
Q A	Q, A	QA	Q A	Q
Q-15	Q-21	Q-29 —	Q-36 B	Q-47 C
1 B	1 /	Streams connected t	Q-37 A	Q-48 C
2 Å	2 A	the Wetland	Q-38 A	Q-49 B
3 A	3	Q A	Q-39 —	Q-50 B
4 B	4 /	Q-30 —	Q-40 A	Asthetics
5 A	Q-22 A	Q-31 -	Public Access to	Astuetics
Q-16	Q-23 B	Q-32 -	Wetland Site	Q A
Q-17 B	Q-24 A	Lakes and Ponds	Q A	Q-51 NV
Q-18 B	Q-25 NIA	Lakes and Fonds	Q-41 B	Q-52 B
Q-19 [3	Q-26 B	Q A	Q-42 A	Q-53 A
Q-20	Q-27 B	Q-33 —	Q-43 A	Q-54 A
1 A	Q-28 C	Q-34 —	Q-44 C	Q-55 A
2 A		Q-35 —	Q-45 B	Q-56 B
3 A		The state of the s	Q-46 C	Q-57 C
4 2	100 C 1 3 C 1 C 1 C 1 C 1 C 1 C 1 C 1 C 1 C	and the second second	a turing and a second	Q-58 C

43 Wetland is drained to west, connecting it to wetland BC-12A. Adjacent lands are primarily open space.

#20 Public / semi-public



Project Name: Molalla Local Wetland Inventory

Wetland Code: BC = 12.4

Watershed Setting: (Questions 1-14) See Attached Table

Vetland Structure and Relation to Surrounding Landscape	Wetland Habitat	Fisheries Habitat	Wetland Hydrology	Recreation
Q A	Q A	Q A -	Q	Q A
Q-15	Q-21	Q-29 ~	Q-36 A	Q-47 C
1 B	1 /	Streams connected to	Q-37 B	Q-48 C
2 A	2	the Wetland	Q-38 A	Q-49 B
3 A	3	- Q A	Q-39 —	Q-50 B
4 B	4 A	Q-30 -	Q-40 A	Asthetics
5 A	Q-22 B	Q-31 —	Public Access to	Astrictics
Q-16 4	Q-23 A	Q-32 ~	Wetland Site	Q A
Q-17 B	Q-24 B	Lakes and Ponds	Q A	Q-51 N/A
Q-18 A	Q-25 NIA	Lakes and Fonds	Q-41 C	Q-52 B
Q-19 B	Q-26 A	Q A	Q-42 A	Q-53 A
Q-20	Q-27 A	Q-33 ~	Q-43 A	Q-54 A
1 A	Q-28 C	Q-34 -	Q-44 C	Q-55 A
2 A		Q-35 _	Q-45 13	Q-56 A
3 A	-		Q-46 C	Q-57 B
4 B	1		XIII THE TOTAL THE TANK THE TA	Q-58 13

43 Wetland is a small drainage that flows through a forested area from East (wetland BC-12B) to west (to wetland BC-GA).

20 Public / semi-public



Project Name: Molalla Local Wetland Inventory

Wetland Code: BL - 11

Watershed Setting: (Questions 1-14) See Attached Table

Wetland Structure and Relation to Surrounding Landscape	Wetland Habitat	Fisheries Habitat	Wetland Hydrology	Recreation	
QA	Q A	Q A	Q A	Q A	
Q-15	Q-21	Q-29 -	Q-36 C	Q-47 C	
1 13	1 /	Streams connected to	Q-37 B	Q-48 C	
2 Å	2 A	the Wetland	Q-38 C	Q-49 B	
3 A	3 /	Q A	Q-39 –	Q-50 B	
4	4 /	Q-30 -	Q-40 A	Asthetics	
5 A	Q-22 C	Q-31 —	Public Access to	Astuetics	
Q-16 4	Q-23 C	Q-32 —	Wetland Site	Q A	
Q-17 C	Q-24 C	Lakes and Ponds	Q A	Q-51 ///A	
Q-18 B	Q-25 N/A	Lakes and Fonds	Q-41 C	Q-52 B	
Q-19 B	Q-26 A	QA	Q-42 A	Q-53 A	
Q-20	Q-27 A	Q-33 -	Q-43 A	Q-54 A	
1 A	Q-28 C	Q-34 -	Q-44 B	Q-55 A	
2 A	And the second	Q-35 -	Q-45 B	Q-56 A	
3 A		F 61-1	Q-46 L	Q-57 A	
4 C			,	Q-58 C	

\$3 Wetland is a shallow swale that runs through a field. Field is adjacent to (surrounded by) residential development ower.



Project Name: Molalla Local Wetland Inventory

Wetland Code: BC - 10

Watershed Setting: (Questions 1-14) See Attached Table

Wetland Structure and Relation to Surrounding Landscape	Wetland Habitat	Fisheries Habitat	Wetland Hydrology	Recreation
Q A	Q A	Q A	Q A	Q A
Q-15	Q-21	Q-29 —	Q-36 B	Q-47 C
1 (1 /	Streams connected to	Q-37 A	Q-48 A
2 A	2 A	the Wetland	Q-38 C	Q-49 B
3 A	3 /	Q A	Q-39 —	Q-50 B
4 A	4	Q-30 —	Q-40 A	Asthetics
5 A	Q-22 B	Q-31 —	Public Access to	Asilieties
Q-16	Q-23 C	Q-32 —	Wetland Site	Q A
Q-17 C	Q-24 C	Lakes and Ponds	Q A	Q-51 N//
Q-18 B	Q-25 N/A	Lakes allu I viius	Q-41 B	Q-52 B
Q-19 B	Q-26 C	Q A	Q-42 A	Q-53 C
Q-20	Q-27 B	Q-33 —	Q-43 A	Q-54 C
1 A ·	Q-28 C	Q-34 —	Q-44 A	Q-55 A
2 A	17.	Q-35 ~	Q-45 A	Q-56 A
3 A			Q-46 A	Q-57 A
4 B	1			Q-58 C

43 - Adjacent to school property (open grounds). Surrounded on all sides by open space.

+20 Public / semi-public



Project Name: Molalla Local Wetland Inventory

Wetland Code: BC = 9

Watershed Setting: (Questions 1-14)

See Attached Table

Vetland Structure and Relation to Surrounding Landscape	Wetland Habitat	Fisheries Habitat	Wetland Hydrology	Recreation	
Q A	QA	Q A	Q A	QA	
Q-15	Q-21	Q-29 —	Q-36 B	Q-47 C	
1 0	1 /	Streams connected to	0.05 0	Q-48 C	
2 A	2 A	the Wetland	Q-38 A	Q-49 B	
3 A	3 /	Q A	Q-39 —	Q-50 B	
4 A	4	Q-30 —	Q-40 A		
5 A	Q-22 B	Q-31 —	Public Access to	Asthetics	
Q-16	Q-23 C	Q-32	Wetland Site	Q A	
Q-17 C	Q-24 C	Lakes and Ponds	Q A	Q-51 NI,	
Q-18 B	Q-25 NIA	Lakes and Fonds	Q-41 C	Q-52 B	
Q-19 B	Q-26 C	Q A	Q-42 A	Q-53 A	
Q-20	Q-27 B	Q-33 -	Q-43 A	Q-54 A	
1 A	Q-28 C	Q-34 —	Q-44 C	Q-55 A	
2 A .	A. Serat	Q-35 —	Q-45 B	Q-56 A	
3 A		4 (4.7)	Q-46 C	Q-57 A	
4 A	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	gand his and it also be		Q-58 C	

43 Surrounded on all sides by open space

#20 Public /senu-public

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		Total Sections					Bar escher	er eren og det
		त्रपुर्वाक्षित्रीय वेश विकास व			2/1464316		a sala Juliade Sejess	ejsví ejsví
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Project Name: Molalla Local Wetland Inventory

Wetland Code: BC = 8

Watershed Setting: (Questions 1-14) See Attached Table

Wetland Structure and Relation to Surrounding Landscape	Wetland Habitat	Fisheries Habitat	Wetland Hydrology	Recreation
Q A	Q A	Q A	Q = A	Q A
Q-15	Q-21	Q-29 B	Q-36 C	Q-47 C
1 A	1 B	Streams connected to	Q-37 A	Q-48 A
2 B	2 A	the Wetland	Q-38 B	Q-49 B
3 A	3 /	Q A	Q-39 —	Q-50 B
4 B	4 /	Q-30 A	Q-40 A	Asthetics
5 A	Q-22 A	Q-31 C	Public Access to	Astretics
Q-16 A	Q-23 B	Q-32 B	Wetland Site	Q A
Q-17 C	Q-24 B	Lakes and Ponds	Q A	Q-51 NIA
. Q-18 B	Q-25 NIA	Lakes allu I ollus	Q-41 B	Q-52 B
Q-19 B	Q-26 B	Q A	Q-42 B	Q-53 A
Q-20	Q-27 B	Q-33 C	Q-43 A	Q-54 A
1 A	Q-28 C	Q-34 B	Q-44 A	Q-55 A
2 A	1:	Q-35 A	Q-45 B	Q-56 A
3 A			Q-46 A	Q-57 A
4 A]		1.7.	Q-58 B
5 ()	1			

43 Summerded on north, east and south by open space (elementary school grounds), West abouts developed area.

#20 Public / Semi-public



Project Name: Molalla Local Wetland Inventory

Wetland Code: BC = 7

Watershed Setting: (Questions 1-14) See Attached Table

Wetland Structure and Relation to Surrounding Landscape	Wetland Habitat	Fisheries Habitat	Wetland Hydrology	Recreation	
Q A	Q A	Q A	Q A	Q A	
Q-15	Q-21	Q-29 -	Q-36 A	Q-47 C	
1 A	1 /	Streams connected to	Q-37	Q-48 B	
2	2 A	the Wetland	Q-38 C	Q-49 B	
3 A	3 //	Q A	Q-39 C	Q-50 B	
4 3	4 /	Q-30 —	Q-40 A	V-10-24	
5 H	Q-22 B	Q-31	Public Access to	Asthetics	
Q-16 4	Q-23 B	Q-32 –	Wetland Site	Q A	
Q-17 B	Q-24 C	Lakes and Ponds	Q A	Q-51 N/A	
Q-18 A	Q-25 N/A	Lakes and Fonds	Q-41 B	Q-52 B	
Q-19 B	Q-26 C	○ Q A	Q-42 A	Q-53 B	
Q-20	Q-27 A	Q-33 -	Q-43 A	Q-54 B	
1 A	Q-28	Q-34 -	Q-44 A	Q-55 A	
2 A		Q-35 ~	Q-45 A	Q-56 A	
3 A			Q-46 A	Q-57 C	
4 B	1		Management of the second of th	Q-58 C	
5 B]				

43 Surrounded on either side by agricultural land (on south) and residential open space (on north).

#20 (B) Public / Seni - public



Project Name: Molalla Local Wetland Inventory

Wetland Code: BC -6B

Watershed Setting: (Questions 1-14) See Attached Table

Vetland Structure and Relation to Surrounding Landscape	Wetland Habitat	Fisheries Habitat	Wetland Hydrology	Recreation	
Q A	Q A	Q A	Q A	Q	
Q-15	Q-21	Q-29 —	Q-36 B	Q-47 C	
1 B	1 /	Streams connected to	Q-37 B	Q-48 C	
2 B	2 A	the Wetland	Q-38 C	Q-49 B	
3 A	3 /	Q A	Q-39 —	Q-50 B	
4 B	4 /	Q-30 —	Q-40 A	Asthetics	
5 A.	Q-22 A	Q-31 —	Public Access to	Astricues	
Q-16 B	Q-23 C	Q-32 ~	Wetland Site	Q A	
Q-17 ß	Q-24 C	Lakes and Ponds	Q A	Q-51 ///A	
Q-18 B	Q-25 N/A	Lakes and Fonds	Q-41 B	Q-52 C	
Q-19 B	Q-26 B	QA	Q-42 A	Q-53 A	
Q-20	Q-27 B	Q-33	Q-43 A	Q-54 A	
1 A	Q-28 C	Q-34 —	Q-44 B	Q-55 A	
2 A	38.4T	Q-35 -	Q-45 B	Q-56 A	
3 A	12 C	The state of	Q-46 B	Q-57 A	
4 B	man in the state of	di madama i menada i	9)	Q-58 13	

43. Adjacent to wetrand BC-6A to the north, open space/unused lots to east and south (but industrial area on the Southeast corner).

#20(5) Public/semi-public



Project Name: Molalla Local Wetland Inventory

Wetland Code: BC-6A

Watershed Setting: (Questions 1-14) See Attached Table

Wetland Structure an Relation to Surrounding Landscape	d Wetland Habitat	Fisheries Habitat	Wetland Hydrology	Recreation
QA	Q A	Q A	Q A	Q A
Q-15	Q-21	Q-29 -	Q-36 A	Q-47 C
1 B	1 /	Streams connected to	Q-37 A	Q-48 C
2 B	2 (the Wetland	Q-38 C	Q-49 B
3 A	3 /	Q A	Q-39 A	Q-50 13
4 B	4. A	Q-30 -	Q-40 A	Asthetics
5 A	Q-22 A	Q-31	Public Access to	Astrieucs
Q-16 4	Q-23 A	Q-32 —	Wetland Site	Q A
Q-17 B	Q-24 A	Lakes and Ponds	Q A	Q-51 NIA
Q-18 A	Q-25 N/A	- Lakes and Fonds	Q-41 B	Q-52 3
Q-19 B	Q-26 A	Q A	Q-42 A	Q-53 A
Q-20	Q-27 A	Q-33	Q-43 A	Q-54 A
1 A	Q-28 C	Q-34	Q-44 C	Q-55 A
2 A		Q-35	Q-45 B	Q-56 A
3 Å		1	Q-46 B	Q-57 B
4 B	7			Q-58 A
5 B				

#43 - Surrounded to NE by Donglas-Rr/Ponderssa pine forest, bordered to south by wetland BC-68.

120 (5) Public / semi-public



Project Name: Molalla Local Wetland Inventory

Wetland Code: BC=513

Watershed Setting: (Questions 1-14) See Attached Table

Wetland Habitat	Fisheries Habitat	Wetland Hydrology	Recreation
Q A	Q A	Q A	Q A
Q-21	Q-29 -	Q-36 B	Q-47 C
1 /	Streams connected to	Q-37 A	Q-48 C
2 A	the Wetland	Q-38	Q-49 B
3 /	Q A	Q-39 -	Q-50 B
4 ~	Q-30 -	Q-40 A	
Q-22 A	Q-31 -	Public Access to	Asthetics
Q-23 C	Q-32 -	Wetland Site	QA
Q-24 A		Q A	Q-51 NIA
Q-25 NIA	Lakes and Fonds	Q-41 C	Q-52 B
Q-26 B	Q A	Q-42 A	Q-53 A
Q-27 B	Q-33 —	Q-43	Q-54 A
	Q-34 -	Q-44 C	Q-55 A
A STATE OF THE STA		Q-45 B	Q-56 B
	1 17 7 75 75	Q-46 C	Q-57 B
			Q-58 B
	Q A Q-21 1	Q A Q A Q-21 Q-29 1 Streams connected to the Wetland 3 Q A 4 Q-30 Q-22 A Q-31 Q-23 C Q-32 Q-24 A Lakes and Ponds Q-25 NIA Q-26 B Q A Q-27 B Q-33 —	Q A Q A Q A Q-21 Q-29 Q-36 B 1 Streams connected to Q-37 A 2 A the Wetland Q-38 C 3 Q A Q-39 4 Q-30 Q-40 A Q-22 A Q-31 Public Access to Wetland Site Q-23 C Q-32 Wetland Site Q-24 A Q-35 Q A Q-42 A Q-26 B Q A Q-42 A Q-27 B Q-33 Q-44 C Q-28 C Q-34 Q-45 B

#13 Sumounded on the south by open space, The north by wetland BC-5A, and the east and (almost entirely) to the west by agricultural land.



Project Name: Molalla Local Wetland Inventory

Wetland Code: Bとっち

Watershed Setting: (Questions 1-14)

See Attached Table

Wetland Structure and Relation to Surrounding Landscape	Wetland Habitat	Fisheries Habitat	Wetland Hydrology	Recreation
Q A	Q A	Q A	Q. A	Q A
Q-15	Q-21	Q-29 -	Q-36 B	Q-47 C
1 B	1 -	Streams connected to	Q-37 A	Q-48 C
2 A	2 C	the Wetland	Q-38 C	Q-49 B
3 A	3 B	QA	Q-39 —	Q-50 13
4 B	4 /	Q-30 -	Q-40 A	Asthetics
5 A	Q-22 A	Q-31 —	Public Access to	Astricus
Q-16	Q-23 C	Q-32 —	Wetland Site	Q A
Q-17 3	Q-24 B	Lakes and Ponds	Q A	Q-51 NV
. Q-18 🔞	Q-25 N/A		Q-41 C	Q-52 C
Q-19 B	Q-26 B	Q A	Q-42 A	Q-53 A
Q-20	Q-27 B	Q-33 -	Q-43 A	Q-54 A
1 A	Q-28 C	Q-34 -	Q-44 C	Q-55 A
2 A .	1	Q-35 —	Q-45 B	Q-56 B
3 A		3 3	Q-46 C	Q-57 A
4 C		.*:	enverse van de service van de servic	Q-58 B

43 Adjacent to wetland BC-5B on the south.
Otherwise Surrounded by industrial developments
& Welalla Forest Road.



Project Name: Molalla Local Wetland Inventory

Wetland Code: BC=4

Watershed Setting: (Questions 1-14)

See Attached Table

Wetland Structure and Relation to Surrounding Landscape	Wetland Habitat	Fisheries Habitat	Wetland Hydrology	Recreation
Q A	Q A	Q A	QA	Q
Q-15	Q-21	Q-29 -	Q-36 B	Q-47 C
1 A	1	Streams connected to	Q-37 A	Q-48 C
2 A	2 A	the Wetland	Q-38 C	Q-49 B
3 A	3	Q A	Q-39 —	Q-50 B
4 C	4 /	Q-30 —	Q-40 A	Asthetics
5 A	Q-22 B	Q-31 —	Public Access to	Astueucs
Q-16 4	Q-23 (Q-32	Wetland Site	Q A
Q-17 C	Q-24 C	Lakes and Ponds	Q A	Q-51 NIA
Q-18 B	Q-25 NA	Lakes and Fonds	Q-41 C	Q-52 C
Q-19 13	Q-26	Q A	Q-42 A	Q-53 B
Q-20	Q-27 A	Q-33 —	Q-43 B	Q-54 B
1 A	Q-28 C	Q-34	Q-44 C	Q-55 A
2 A	Till Till to	Q-35	Q-45 B	Q-56 B
3 A	7 48.43	Dank	Q-46 C	Q-57 A
4 C	37.40	American Con-		Q-58 C



Project Name: Molalla Local Wetland Inventory

Wetland Code: \$6-33

Watershed Setting: (Questions 1-14) See Attached Table

Vetland Structure and Relation to Surrounding Landscape	Wetland Habitat	Fisheries Habitat	Wetland Hydrology	Recreation
Q A	QA	Q A	Q A	Q A
Q-15	Q-21	Q-29 -	Q-36 B	Q-47 C
1 B	1	Streams connected to	Q-37 B	Q-48 C
2 B	2 A	the Wetland	Q-38 C	Q-49 B
3 A	3	Q A	Q-39 -	Q-50 B
4 в.	4 /	Q-30 -	Q-40 A	Asthetics
5 A	Q-22 A	Q-31 -	Public Access to	Astrictics
Q-16 A	Q-23 C	Q-32 —	Wetland Site	Q A
Q-17 B	Q-24 C	Lakes and Ponds	Q A	Q-51 N
Q-18 B	Q-25 NA	Lakes and Fonds	Q-41 C	Q-52 B
Q-19 13	Q-26 C	Q A	Q-42 A	Q-53 A
Q-20	Q-27 B	Q-33 -	Q-43 A	Q-54 A
1 A	Q-28 C	Q-34 -	Q-44 B	Q-55 A
2 A	to etg	Q-35 -	Q-45 B	Q-56 B
3 Å			Q-46 B	Q-57 B
4 C			+0.	Q-58 (_

43 Adjacent to agricultural land on east and south.



Project Name: Molalla Local Wetland Inventory

Wetland Code: BC-3A

Watershed Setting: (Questions 1-14)

See Attached Table

Wetland Structure and Relation to Surrounding Landscape	Wetland Habitat	Fisheries Habitat	Wetland Hydrology	Recreation
Q A	Q A	Q A	Q A	Q A
Q-15	Q-21	Q-29 -	Q-36 A	Q-47 C
1 B	1	Streams connected to	Q-37 B	Q-48 C
2 15	2 A	the Wetland	Q-38 C	Q-49 B
3 A	3 /	Q A	Q-39 A	Q-50 B
4 13	4 /	Q-30 ~	Q-40 A	Asthetics
5 A	Q-22 B	Q-31 -	Public Access to	Asilieucs
Q-16 4	Q-23 Č	Q-32 -	Wetland Site	Q A
Q-17 C	Q-24 C	Lakes and Ponds	Q A.	Q-51 NIA
Q-18 C	Q-25 NIA	Lakes and Fonds	Q-41 C	Q-52 3
Q-19 A	Q-26 3	Q A	Q-42 A	Q-53 C
Q-20	Q-27 A	Q-33	Q-43 B	Q-54 C
1 A	Q-28 C	Q-34 -	Q-44 C	Q-55 A
2 A	7 72.66	Q-35 ~	Q-45 B	Q-56 B
3 A			Q-46 C	Q-57 A
4 /	And the second second second	\$4 mm		Q-58 C



Project Name: Molalla Local Wetland Inventory

Wetland Code: Bと-23

Watershed Setting: (Questions 1-14) See Attached Table

Wetland Structure and Relation to Surrounding Landscape	Wetland Habitat	Fisheries Habitat	Wetland Hydrology	Recreation
Q	QA	Q A	Q A	- Q - A
Q-15	Q-21	Q-29 A	Q-36 A	Q-47 C
1 13	1 /	Streams connected to	Q-37 B	Q-48 C
2 A	2 /	the Wetland	Q-38 C	Q-49 B
3 13	3 A	Q A	Q-39 —	Q-50 B
4 A	4 /	Q-30 A	Q-40 A	Asthetics
5 A	Q-22 B	Q-31 B	Public Access to	Astricues
Q-16	Q-23 A	Q-32 C	Wetland Site	Q A
Q-17 B	Q-24 C	- Lakes and Ponds	Q A	Q-51 NIA
Q-18 A	Q-25 NIA	Lakes allu Folius	Q-41 C	Q-52 B
Q-19 B	Q-26 A	Q A	Q-42 A	Q-53 A
Q-20	Q-27 A	Q-33 B	Q-43 A	Q-54 A
1 A	Q-28 B	Q-34 C	Q-44 C	Q-55 A
2 A .		Q-35 A	Q-45 B	Q-56 A
3 A			Q-46 C	Q-57 (
4 C				Q-58 S

43 - Within ripanian forest that extends ~ 100 feet on north a south. Wetland ends on east due to Molalla Forest Road. West end of wetland abouts residential open space.



Project Name: Molalla Local Wetland Inventory

Wetland Code: BC - マオ

Watershed Setting: (Questions 1-14) See Attached Table

Wetland Structure and Relation to Surrounding Landscape	Wetland Habitat	Fisheries Habitat	Wetland Hydrology	Recreation
Q A	Q A	Q A :-	Q A	Q
Q-15	Q-21	Q-29 A	Q-36 A	Q-47 C
1 A	1 /	Streams connected to	Q-37 13	Q-48 C
2 6	2	the Wetland	Q-38 C	Q-49 [3
3 Å .	3 /	$\mathbb{Z} \setminus \mathbb{Q}$ \mathbb{A}	Q-39 —	Q-50 B
4 ()	4 A	Q-30 B	Q-40 A	
5 A	Q-22 A	Q-31 A	Public Access to	Asthetics
Q-16 2	Q-23 A	Q-32 · B	Wetland Site	Q A
Q-17 B	Q-24 C	- Lakes and Ponds	Q A	Q-51 N/A
Q-18 A	Q-25 N/A	- Lakes and Fonds	Q-41 C	Q-52 B
Q-19 B	Q-26 A	Q A	Q-42 B	Q-53 A
Q-20	Q-27 A	Q-33 A	Q-43 A	Q-54 A
1 A	Q-28 B	Q-34 K	Q-44 C	Q-55 A
2 A	The sale of	Q-35 13	Q-45 B	Q-56 B
3 A		The Paris	Q-46 C	Q-57 B
4 (Annual Inches of the Control of the			Q-58 B

43 - Surrounded by repairan forest on north and south.



Project Name: Molalla Local Wetland Inventory

Wetland Code: Bとこし

Watershed Setting: (Questions 1-14)

See Attached Table

Wetland Structure and Relation to Surrounding Landscape	Wetland Habitat	Fisheries Habitat	Wetland Hydrology	Recreation
QA	Q A	Q A	$\mathbf{Q} \longrightarrow \mathbf{A}$	$\mathbf{Q} = -\mathbf{A}$
Q-15	Q-21	Q-29 -	Q-36 C	Q-47 C
1 A	1	Streams connected to	Q-37 3	Q-48 C
.2 3	2 ()	the Wetland	Q-38 C	Q-49 B
3 A	3 /	Q A	Q-39 —	Q-50 B
4 C	4 13	Q-30 —	Q-40 A	Asthetics
5 A	Q-22 A	Q-31 —	Public Access to	Astrieucs
Q-16 A	Q-23 A	Q-32 -	Wetland Site	Q A
Q-17 B	Q-24 B	Lakes and Ponds	Q A	Q-51 NIN
Q-18 3	Q-25 NIA		Q-41 C	Q-52 A
Q-19 B	Q-26 A	Q A	Q-42 A	Q-53 A
Q-20	Q-27 A	Q-33 —	Q-43 A	Q-54 A
1 A	Q-28 C	Q-34	Q-44 Å	Q-55 B
2 A		Q-35 -	Q-45 B	Q-56 B
3 A			Q-46 B	Q-57 A
4 B		¥		Q-58 B

43 Hydrologically connected to wetland BC-1B and Bear Creek, Forested over to west separates wetland from BC-1B.

20(5) Zoned public / semi public (adjacent to city water treatment pands)



Project Name: Molalla Local Wetland Inventory

Wetland Code: BC-1B

Watershed Setting: (Questions 1-14) See Attached Table

Wetland Habitat	Fisheries Habitat	Wetland Hydrology	Recreation
Q A	Q A	Q A	QA
Q-21	Q-29 A	Q-36 A	Q-47 C
1 /	Streams connected to	Q-37 A	Q-48 C
2 ()	the Wetland	Q-38 C	Q-49 B
3 /	Q A	Q-39	Q-50 13
4 A	Q-30 A	Q-40 B	
Q-22 A	Q-31 A	Public Access to	Asthetics
Q-23 A	Q-32 C	Wetland Site	Q A
Q-24 A	2011 - 121 - 22 - 23 - 23 - 23 - 23 - 23 -	Q A	Q-51 N/A
Q-25 N/A	Lakes and Fonds	Q-41 C	Q-52 A
Q-26 A	Q A	Q-42 B	Q-53 A
Q-27 A	Q-33 A	O-43 Å	Q-54 A
Q-28 C	Q-34 C	Q-44 B	Q-55 B
i dist	Q-35 A	Q-45 B	Q-56 A
		Q-46 C	Q-57 B
Salarana anang sajari sa			Q-58 A
	Q A Q-21 1 / 2 () 3 / 4 A Q-22 A Q-23 A Q-24 A Q-25 N/A Q-26 A Q-27 A	Q A Q A Q-21 Q-29 A 1	Q A Q A Q A Q-21 Q-29 A Q-36 A 1 Streams connected to Q-37 A 2 () the Wetland Q-38 C 3 Q A Q-39 — 4 A Q-30 A Q-40 B Q-22 A Q-31 A Public Access to Wetland Site Q-23 A Q-32 C Wetland Site Q-24 A Q-32 C Q-41 C Q-26 A Q A Q-42 B Q-27 A Q-33 A Q-43 A Q-28 C Q-34 C Q-44 B Q-35 A Q-45 B

#43 Mostly surrounded by agricultural land. Welland ends in southeast due to Cascade Highway.
#20 Land is zoned public/semi public



Project Name: Molalla Local Wetland Inventory

Wetland Code: BC- IA

Watershed Setting: (Questions 1-14) See Attached Table

Wetland Structure and Relation to Surrounding Landscape	Wetland Habitat	Fisheries Habitat	Wetland Hydrology	Recreation
Q A	Q A	Q A	Q	QA
Q-15	Q-21	Q-29 —	Q-36 C	Q-47 C
1 B	1	Streams connected to	Q-37 C	Q-48 A
2 B	2 A	the Wetland	Q-38 C	Q-49 B
3 Å	3 /	. Q A	Q-39	Q-50 3
4 A	4 /	Q-30 -	Q-40 A.	Asthetics
5 (Q-22 A	Q-31	Public Access to	Astrictics
Q-16 5	Q-23 C	Q-32 -	Wetland Site	Q A
Q-17 A	Q-24 C	Lakes and Ponds	Q A	Q-51 NH
. Q-18 3	Q-25 NIA	Lakes and Fonds	Q-41 B	Q-52 B
Q-19 B	Q-26 C	Q A	Q-42 A	Q-53 C
Q-20	Q-27 B	Q-33 ~	Q-43 A	Q-54 C.
1 A	Q-28 A	Q-34	Q-44 B	Q-55 C
2 A		Q-35 —	Q-45 A	Q-56 B
3 A		221 2	Q-46 B	Q-57 C
4 A		•		Q-58 C

15 (#16) Open sewage treatment ponds (City Sewage treatment plant site).

43 Adjacent to Bear Creek's riparian forest on north side and agricultural land to south and southwest. Majority of wetland surrounds city sewage treatment ponds.

#20 - Land is zoned public/semi pullic



Project Name: Molalla Local Wetland Inventory

Wetland Code: (College)

Watershed Setting: (Questions 1-14) See Attached Table

Wetland Structure and Relation to Surrounding Landscape	Wetland Habitat	Fisheries Habitat	Wetland Hydrology	Recreation
Q A	Q A	Q A	Q A	Q A
Q-15	Q-21	Q-29 —	Q-36 B	Q-47 C
1 A	1 -	Streams connected to	Q-37 R	Q-48 C
2 A	2 A	the Wetland	Q-38 A	Q-49 B
3 A	3 7	Q A	Q-39 —	Q-50 B
4	4	Q-30 -	Q-40 A	Asthetics
5 A	Q-22 B	Q-31 -	Public Access to	Asthetics
Q-16 4	Q-23 C	Q-32 -	Wetland Site	Q A
Q-17 C	Q-24 C	Lakes and Ponds	Q A	Q-51 N/A
Q-18 B	Q-25 NA	Lakes and Fonds	Q-41 C	Q-52 C
Q-19 B	Q-26 C	Q A	Q-42 B	Q-53 C
Q-20	Q-27 B	Q-33 ~	Q-43 B	Q-54
1 A	Q-28 C	Q-34	Q-44 C	Q-55 A
2 🛕		Q-35	Q-45 B	Q-56 A
3 (2)		age to be produced to the second	Q-46 C	Q-57 B
4 C		epare la la dis ia di		Q-58 C



Project Name: Molalla Local Wetland Inventory

Wetland Code: CC - 10

Watershed Setting: (Questions 1-14) See Attached Table

Wetland Structure and Relation to Surrounding Landscape	Wetland Habitat	Fisheries Habitat	Wetland Hydrology	Recreation
Q A	QA	Q A	QA	Q
Q-15	Q-21	Q-29 —	Q-36 B	Q-47 C
1 A	1 /-0	Streams connected to	Q-37 B	Q-48 C
2 A	2 A	the Wetland	Q-38 A	Q-49 B
3 A	3 /	Q A	Q-39 —	Q-50 B
4 ()	4 /	Q-30 -	Q-40 A	Asthetics
5 A	Q-22 A	Q-31 ~	Public Access to	Astuetics
Q-16 A	Q-23 C	Q-32 —	Wetland Site	Q A
Q-17 C	Q-24 C	Lakes and Ponds	Q A	Q-51 N/A
Q-18 B	Q-25 NIA	Lakes and Fonds	Q-41 . C	Q-52 3
Q-19 B	Q-26 C	Q A	Q-42 A	Q-53 A
Q-20	Q-27 B	Q-33 —	Q-43 B	Q-54 A
1 A	Q-28 C	Q-34 —	Q-44 C	Q-55 A
2 A	1875 E	Q-35 ~	Q-45 A	Q-56 B
3 A			Q-46 C	Q-57 A
4 C	1	2	Name of the last o	Q-58 C



Project Name: Molalla Local Wetland Inventory

Wetland Code: CC =9C

Watershed Setting: (Questions 1-14)

See Attached Table

Wetland Habitat	Fisheries Habitat	Wetland Hydrology	Recreation
Q A	Q A	Q A	Q A
Q-21	Q-29 -	Q-36 A	Q-47 C
1 -	Streams connected to	Q-37 A	Q-48 C
2 A	the Wetland	Q-38 C	Q-49 B
3 ~	Q A	Q-39 C	Q-50 33
4 /	Q-30 -	Q-40 A	Asthetics
Q-22 C	Q-31 -	Public Access to	Astiletics
Q-23 B	Q-32 -	Wetland Site	Q A
Q-24 C		Q A	Q-51 N/A
Q-25 NIA	- Lakes and Ponds	Q-41 C	Q-52 3
Q-26 B	QA	Q-42 C	Q-53 A
Q-27 A	Q-33	Q-43 A	Q-54 A
	Q-34 —	Q-44 B	Q-55 A
31 353.41	Q-35 —	Q-45 B	Q-56 A
77 - 17 - 17 - 17 - 17 - 17 - 17 - 17 -	The second secon	Q-46 B	Q-57 A
trage to move (complete			Q-58 C
	Q A Q-21 1	Q A Q A Q-21 Q-29 — 1	Q A Q A Q A Q-21 Q-29 — Q-36 A 1 — Streams connected to Q-37 A 2 A the Wetland Q-38 C 3 — Q A Q-39 C 4 — Q-30 — Q-40 A Q-22 C Q-31 — Public Access to Wetland Site Q-23 B Q-32 — Wetland Site Q-24 C Q A Q-24 C Q A Q-24 C Q A Q-26 B Q A Q-42 C Q-27 A Q-33 — Q-43 A Q-28 C Q-34 — Q-44 B Q-28 C Q-34 — Q-44 B Q-25 A Q-45 B Q-44 B

#43 Connected to wetland CC-98 on NW tip. Otherwise completely surrounded by developed areas:



Project Name: Molalla Local Wetland Inventory

Wetland Code: CC-913

Watershed Setting: (Questions 1-14)

See Attached Table

Vetland Structure and Relation to Surrounding Landscape	Wetland Habitat	Fisheries Habitat	Wetland Hydrology	Recreation
\mathbf{Q} , \mathbf{A}	Q A	Q A	\mathbf{Q} \mathbf{A}	Q A
Q-15	Q-21	Q-29 —	Q-36 A	Q-47 B
1 Д	1 -	Streams connected to	Q-37 A	Q-48 C
2 A	2 -	the Wetland	Q-38 C	Q-49 A
3 A	3 /	Q A	Q-39 C	Q-50 A
4 C	4 A	Q-30 ~	Q-40 . A	Asthetics
5 A	Q-22 A	Q-31 —	Public Access to	Astrictics
Q-16 4	Q-23 A	Q-32	Wetland Site	Q A
Q-17 C	Q-24 B	Lakes and Ponds	Q - A	Q-51 NIA
Q-18 A	Q-25 N/A	Lakes and 1 onus	Q-41 C	Q-52 A
Q-19 B	Q-26 B	QA	Q-42 C	Q-53 C
Q-20	Q-27 A	Q-33 -	Q-43 A	Q-54 C
1 A	Q-28 C	Q-34 -	Q-44 3	Q-55 A
2 A		Q-35 -	Q-45 B	Q-56 A
3 A			Q-46 B	Q-57 A
4 C				Q-58 B

\$ 43 Wetland is bordered by wetlands CC-9A on north and CC-9C to the south. Otherwise surrounded by residential developments.



Project Name: Molalla Local Wetland Inventory

Wetland Code: CC - 9A

Watershed Setting: (Questions 1-14) See Attached Table

Vetland Structure and Relation to Surrounding Landscape	Wetland Habitat	Fisheries Habitat	Wetland Hydrology	Recreation
Q A	Q A	Q A	Q	Q A
Q-15	Q-21	Q-29 -	Q-36 C	Q-47 C
1 A	1	Streams connected to	Q-37 A	Q-48 C
2 A	2 A	the Wetland	Q-38 C	Q-49 B
3 A	3	Q A	Q-39 —	Q-50 B
4 C	4 /	Q-30 —	Q-40 A	Asthetics
5 A	Q-22 A	Q-31 —	Public Access to	Astrictics
Q-16 4	Q-23 C	Q-32 _	Wetland Site	QA
Q-17 C	Q-24 B	Lakes and Ponds	Q A	Q-51 NIA
Q-18 B	Q-25 N/A	Lakes and Folius	Q-41 C	Q-52 B
Q-19 B	Q-26 C	Q A	Q-42 B	Q-53 A
Q-20	Q-27 A	Q-33 -	Q-43 A	Q-54 A
1 A	Q-28	Q-34 —	Q-44 B	Q-55 A
2 A	77 777.50	Q-35 -	Q-45 B	Q-56 A
3 A	77.6	THE WAY	Q-46 C	Q-57 A
4 6		al contract the second second		Q-58 B

43 Connected to wetland CC-9B on south. Otherwise completely surrounded by residential areas.



Project Name: Molalla Local Wetland Inventory

Wetland Code: CC -8

Watershed Setting: (Questions 1-14) See Attached Table

Wetland Structure and Relation to Surrounding Landscape	Wetland Habitat	Fisheries Habitat	Wetland Hydrology	Recreation
Q A	Q A	Q A	$\mathbf{Q} \longrightarrow \mathbf{A}$	Q A
Q-15	Q-21	Q-29 —	Q-36 B	Q-47 C
1 3	1 /	Streams connected to	Q-37 R	Q-48 C
2 A	2 A	the Wetland	Q-38 C	Q-49 B
3 A	3 /	Q A	Q-39 —	Q-50 B
4 13	4 /	Q-30 —	Q-40 A	
5 A.	Q-22 A	Q-31 ~	Public Access to	Asthetics
Q-16 4	Q-23 C	Q-32 —	Wetland Site	Q A
Q-17 C	Q-24 C	Lakes and Ponds	Q A	Q-51 NIA
Q-18 A	Q-25 N/A	Lakes and Fonds	Q-41 C	Q-52 C
Q-19 B	Q-26 C	Q A	Q-42 A	Q-53 A
Q-20	Q-27 A	Q-33 —	Q-43 B	Q-54 A
1 A	Q-28 C	Q-34 ~	Q-44 C	Q-55 A
2 B	1.54	Q-35 —	Q-45 B	Q-56 B
3 A			Q-46 C	Q-57 A
4 B	1	*		Q-58 C
5 · A	1			



Project Name: Molalla Local Wetland Inventory

Wetland Code: CC 37C

Watershed Setting: (Questions 1-14)

See Attached Table

Wetland Structure and Relation to Surrounding Landscape	Wetland Habitat	Fisheries Habitat	Wetland Hydrology	Recreation
Q A	QA	Q. A.	Q A	Q A
Q-15	Q-21	Q-29 A	Q-36 A	Q-47 B
1 13	1 ~	Streams connected to	Q-37 A	Q-48 A
2 Å	2 /	the Wetland	Q-38 C	Q-49 A
3 A	3 0	QA	Q-39 A	Q-50 A
4 8	4 A	Q-30 B	Q-40 A	Asthetics
5 A	Q-22 A	Q-31 C	Public Access to	Astricucs
Q-16 1	Q-23 A	Q-32	Wetland Site	Q A
Q-17 B	Q-24 B	Lakes and Ponds	Q A	Q-51 NIA
Q-18 A	Q-25 NIA	Lakes and Fonds	Q-41 A	Q-52 B
Q-19 B	Q-26 C	Q A	Q-42 B	Q-53 A
Q-20	Q-27 A	Q-33 C	Q-43 A	Q-54 A
1 A	Q-28 C	Q-34 B	Q-44 B	Q-55 A
2 8	4.5	Q-35 B	Q-45 B	Q-56 A
3 A	Programme and the second		Q-46 B	Q-57 B
4 6	production of the second	A comment of		Q-58 A

43 Wetland is bordered to noth by wetland CC-78. East & south sides adjacent to residential enem. West edge abouts rail road.



Project Name: Molalla Local Wetland Inventory

Wetland Code: CC - 7B

Watershed Setting: (Questions 1-14) See Attached Table

Wetland Structure and Relation to Surrounding Landscape	Wetland Habitat	Fisheries Habitat	Wetland Hydrology	Recreation
Q A	Q A	Q A :-	Q Å	Q
Q-15	Q-21	Q-29 A	Q-36 A	Q-47 C
1 8	1 -	Streams connected to	Q-37 A	Q-48 C
2 Å	2 A	the Wetland	Q-38 C	Q-49 13
3 A	3 /	Q A	Q-39 A	Q-50 B
4 %	4 /	Q-30 A	Q-40 A	
5 A	Q-22 A	Q-31 C	Public Access to	Asthetics
Q-16 1	Q-23 B	Q-32 C	Wetland Site	Q A
Q-17 B	Q-24 A	Lakes and Ponds	Q A	Q-51 NV
Q-18 A	Q-25 NIA	- Lakes and Fonds	Q-41 C	Q-52 \$
Q-19 B	Q-26 C	Q A	Q-42 A	Q-53 A
Q-20	Q-27 A	Q-33 C	Q-43 A	Q-54 A
1 A	Q-28 (Q-34 C	Q-44 C	Q-55 A
2 B		Q-35 A	Q-45 B	Q-56 A
3 A		4 1	Q-46 C	Q-57 B
4 13				Q-58. B

43 Adjacent wetlands CC-7A to north and CC-7C to South contiguous with this wetland. Otherwise surrounded on east by residential subdivision and on the west by railroad tracks.



Project Name: ___ Molalla Local Wetland Inventory

Wetland Code: CC - 7A

Watershed Setting: (Questions 1-14) See Attached Table

Wetland Structure and Relation to Surrounding Landscape	Wetland Habitat	Fisheries Habitat	Wetland Hydrology	Recreation
Q A	Q A	Q. A.	Q A	$\mathbf{Q} \longrightarrow \mathbf{A}$.
Q-15	Q-21	Q-29 A	Q-36 A	Q-47 C
1 13	1	Streams connected to	Q-37 B	Q-48 C
2 A	2	the Wetland	Q-38 B	Q-49
3 A	3 /	Q A	Q-39 A	Q-50 B
4 B	4 A	Q-30 A	Q-40 A	
5 A	Q-22 A	Q-31 B	Public Access to	Asthetics
Q-16 1	Q-23 A	Q-32 B	Wetland Site	Q A
Q-17 B	Q-24 B.	Lakes and Ponds	Q A	Q-51 N/A
Q-18 A	Q-25 NIA	Lakes and Fonds	Q-41 C	Q-52 B
Q-19 3	Q-26 C	Q A	Q-42 A	Q-53 A
Q-20	Q-27 A	Q-33 B	Q-43 A	Q-54 A
1 A	Q-28 C	Q-34 \(\frac{1}{3}\)	Q-44 C	Q-55 A
2 B	1 Se 27	Q-35 A	Q-45 B	Q-56 A
3 A	1 - VY-0	200	Q-46 C	Q-57 C
4 B	10 100	of various comments as the		Q-58 B

43 Adjacent wetland (cc-7B) to south - ocul
other sides of wetland one bordered by developments
or railroad tracks.



Project Name: Molalla Local Wetland Inventory

Wetland Code: CC = 6B

Watershed Setting: (Questions 1-14)

See Attached Table

Vetland Structure and Relation to Surrounding Landscape	Wetland Habitat	Fisheries Habitat	Wetland Hydrology	Recreation
Q A	Q A	Q A	QA	Q
Q-15	Q-21	Q-29 A	Q-36 A	Q-47 C
1 (1 7	Streams connected to	Q-37 B	Q-48 C
2 A	2 B	the Wetland	Q-38 C	Q-49 B
3 A	3 /	Q A	Q-39 A	Q-50 B
4 13	4 6	Q-30 B	Q-40 A	Asthetics
5 A	Q-22 A-	Q-31 C	Public Access to	Astricucs
Q-16	Q-23 C	Q-32 C	Wetland Site	Q A
Q-17 B	Q-24 C	Lakes and Ponds	QA	Q-51 N//
Q-18 A	Q-25 NM	Lakes allu Folius	Q-41 C	Q-52 A
Q-19 B	Q-26 B	Q A	Q-42 A	Q-53 A
Q-20	Q-27 A	Q-33 C	Q-43 A	Q-54 A
1 A	Q-28 C	Q-34 C	Q-44 C	Q-55 A
2 C		Q-35 13	Q-45 B	Q-56 A
3 A		1	Q-46 C	Q-57 B
4 A				Q-58 B

43 Open space with scattered oak and ash trees Surrounds wetland on all sides except east (east side boundary is railroad tracks).



Project Name: Molalla Local Wetland Inventory

Wetland Code: CL-GA

Watershed Setting: (Questions 1-14)

See Attached Table

Wetland Structure and Relation to Surrounding Landscape	Wetland Habitat	Fisheries Habitat	. Wetland Hydrology	Recreation
QA	Q A	Q A	Q. A	$\mathbf{Q} = \mathbf{A}$
Q-15	Q-21	Q-29 A	'Q-36 A	Q-47 C
1 13	1	Streams connected to	Q-37 B	Q-48 C
2	2 A	the Wetland	Q-38 C	Q-49 B
3 A	3 –	Q A	Q-39 A	Q-50 B
4 A	4 C	Q-30 B	Q-40 A	Asthetics
5 A	Q-22 A	Q-31 C	Public Access to	Astretics
Q-16 2	Q-23 C	Q-32 C	Wetland Site	Q A
Q-17 B	Q-24 C	Lakes and Ponds	Q A	Q-51 ///A
Q-18 A	Q-25 NIA	Lakes and Fonds	Q-41 C	Q-52 A
Q-19 B	Q-26 3	Q A	Q-42 A	Q-53 A
Q-20	Q-27 A	Q-33 C	Q-43 A	Q-54 A
1 A	Q-28 C	Q-34 C	Q-44 C	Q-55 A
2 A		Q-35 B	Q-45 B	Q-56 A
3 A	THE VEG		Q-46 C	Q-57 B
4 C			044	Q-58 B
5 A			.,	

43 Wetland connected to adjacent wetland (CC-6B) by branch of Creameny Creek. Also, wetland is surrounded by a tree form on the southwest side and open space on northeast side.



Project Name: Molalla Local Wetland Inventory

Wetland Code: しょっち

Watershed Setting: (Questions 1-14) See Attached Table

Vetland Structure and Relation to Surrounding Landscape	Wetland Habitat	Fisheries Habitat	Wetland Hydrology	Recreation
.Q A	\mathbf{Q}_{\perp} \mathbf{A}_{\parallel}	Q A	Q	Q
Q-15	Q-21	Q-29 —	Q-36 C	Q-47 C
1 A	1	Streams connected to	Q-37 A	Q-48 C
2 A	2 A	the Wetland	Q-38 A	Q-49 B
3 C	3 -	Q A	Q-39 A	Q-50 B
4 Å	4	Q-30 —	Q-40 A	
5 A	Q-22 B	Q-31	Public Access to	Asthetics
Q-16 3	Q-23 C	Q-32 —	Wetland Site	Q A
Q-17 B	Q-24 C	Lakes and Ponds	Q A	Q-51 N/A
Q-18 B	Q-25 NM	Lakes and Fonds	Q-41 C	Q-52 B
Q-19 B	Q-26 C	Q A	Q-42 A	Q-53 A
Q-20	Q-27 B	Q-33 -	Q-43 A	Q-54 A
1 A	Q-28 C	Q-34	Q-44 C	Q-55 A
2		Q-35 —	Q-45 B	Q-56 A
3 A			Q-46 C	Q-57 C
4 C	1			Q-58 C

43 Wetland Surrounded by agricultural land.



Project Name: Molalla Local Wetland Inventory

Wetland Code: CC 44

Watershed Setting: (Questions 1-14)

See Attached Table

etland Structure and Relation to Surrounding Landscape	Wetland Habitat	Fisheries Habitat	Wetland Hydrology	Recreation
Q A	Q A	Q A	Q A	Q A
Q-15	Q-21	Q-29 A	Q-36 A	Q-47 C
1 A	1 -	Streams connected to	Q-37 B	Q-48 C
2 1/2	2 A	the Wetland	Q-38 A	Q-49 B
3	3 /	Q A	Q-39 A	Q-50 B
4 B	4 -	Q-30 B	Q-40 A	
5 A	Q-22 B	Q-31 C	Public Access to	Asthetics
Q-16 4	Q-23 C	Q-32 (Wetland Site	Q A-
Q-17 B	Q-24 C	Lakes and Ponds	Q A	Q-51 N//
Q-18 A	Q-25 NIA	Lakes allu Folius	Q-41 C	Q-52 B
Q-19 B	Q-26 C	Q A	Q-42 A	Q-53 A
Q-20	Q-27 A	Q-33 C	Q-43 A	Q-54 A
1 4	Q-28 C	Q-34 C	Q-44 C	Q-55 A
2 A	5 E.F.C.	Q-35 B	Q-45 B	Q-56 A
3 A		No.	Q-46 C	Q-57 C
4 6	promote a company of the second			Q-58 C

#43 - Land on NE side of swale agricultural (SW side residential subdivisions).



Project Name: Molalla Local Wetland Inventory

Wetland Code: CC = 3

Watershed Setting: (Questions 1-14) See Attached Table

etland Structure and Relation to Surrounding Landscape	Wetland Habitat	Fisheries Habitat	Wetland Hydrology	Recreation		
Q A	Q A	Q A	Q A	Q		
Q-15	Q-21	Q-29 -	Q-36 C	Q-47 C		
1 A	1 -	Streams connected to	Q-37 B	Q-48 C		
2 A	2 A	the Wetland	Q-38 A	Q-49 B		
3 P	3	Q A	Q-39 —	Q-50 B		
4 B	4	Q-30 —	Q-40 A			
5 B	Q-22 A	Q-31 —	Public Access to	Asthetics		
Q-16 5	Q-23 C	Q-32 —	Wetland Site	Q A		
Q-17 . B	Q-24 C	Lakes and Ponds	Q A	Q-51 NH		
Q-18 B	Q-25 N/A	Lakes and Folius	Q-41 C	Q-52 C		
Q-19 B	Q-26 A	Q A	Q-42 A	Q-53 A		
Q-20	Q-27 B	Q-33 —	Q-43 B	Q-54 A		
1 A.	Q-28 C	Q-34 —	Q-44 C	Q-55 A		
2 A		Q-35 —	Q-45 B	Q-56 A		
3 A	and the same of		Q-46 C	Q-57 A		
4 C				Q-58 C		

#15 (b#16) Undereloped lots in residential subdivision.



Project Name: Molalla Local Wetland Inventory

Wetland Code: CC = 2

Watershed Setting: (Questions 1-14) See Attached Table

Vetland Structure and Relation to Surrounding Landscape	Wetland Habitat	Fisheries Habitat	Wetland Hydrology	Recreation		
Q A	Q A	Q A	Q A	Q A		
Q-15	Q-21	Q-29 —	Q-36 C	Q-47 A		
1 A	v.1 50.00	Streams connected to	Q-37 B	Q-48 C		
2 A	2 A	the Wetland	Q-38 C	Q-49 A		
3 A	3	Q A	Q-39 —	Q-50 C		
4 (4 -	Q-30 —	Q-40 A	Asthetics		
5 B	Q-22 B	Q-31 —	Public Access to	Asthetics		
Q-16 A	Q-23 C	Q-32 —	Wetland Site	Q A		
Q-17 B	Q-24 C	Lakes and Ponds	Q A	Q-51 N/A		
Q-18 B	Q-25 NA	Lakes and Fonds	Q-41 C	Q-52 B		
Q-19 B	Q-26 B	Q A	Q-42 A	Q-53 C		
Q-20	Q-27 B	Q-33 —	Q-43 B	Q-54 C		
1 A	Q-28 C	Q-34 —	Q-44 C	Q-55 A		
2 A	A. AC	Q-35 ~	Q-45 B	Q-56 A		
3 A		Contraction of the Contraction o	Q-46 C	Q-57 A		
4 C	1	Commentaria de Commentario de	11:	Q-58 C		

#15 - Undercloped lots adjacent to residential areas



Project Name: Molalla Local Wetland Inventory

Wetland Code: CC - 1

Watershed Setting: (Questions 1-14) See Attached Table

Wetland Structure and Relation to Surrounding Landscape	Wetland Habitat	Fisheries Habitat	Wetland Hydrology	Recreation	
QA	Q A	Q TA	Q A	Q A	
Q-15	Q-21	Q-29 —	Q-36 C	Q-47 C	
1 A	1	Streams connected to	Q-37 B	Q-48 C	
2 A	2 _	the Wetland	Q-38 A	Q-49 B	
3 A	3 A	Q A	Q-39	Q-50 B	
4 C	4 —	Q-30 —	Q-40 A	Asthetics	
5 A	Q-22 A	Q-31 —	Public Access to	Ashletics	
Q-16 4	Q-23 A	Q-32 —	Wetland Site	Q A	
Q-17 C	Q-24 C	Lakes and Ponds	∕ Q A	Q-51 N/A	
Q-18 B	Q-25 N/A	Lakes and Fonds	Q-41 C	Q-52 C	
Q-19 3	Q-26 B	QA	Q-42 A	Q-53 A	
Q-20	Q-27 B	Q-33	Q-43 B	Q-54 A	
1 A	Q-28 C.	Q-34 —	Q-44 C	Q-55 A	
2 A		Q-35 —	Q-45 A	Q-56 A	
3 A			Q-46 C	Q-57 B	
4 /		¥	() ()	Q-58 . C	



Project Name: Molalla Local Wetland Inventory

Wetland Code: MR-3F

Watershed Setting: (Questions 1-14)

See Attached Table

Wetland Structure and Relation to Surrounding Landscape	Wetland Habitat	Fisheries Habitat	Wetland Hydrology	Recreation		
Q A	Q A	Q A	Q A	Q A		
Q-15	Q-21	Q-29 —	Q-36 C	Q-47 C		
1 A	1 -	Streams connected to	Q-37 B	Q-48 C		
2 C	2 A	the Wetland	Q-38 C	Q-49 B		
3 🕂	3 -	Q A	Q-39 —	Q-50 B		
4 16	4 -	Q-30 —	Q-40 A	Asthetics		
5 A	Q-22 B	Q-31 —	Public Access to	Asilieucs		
Q-16 2	Q-23 C	Q-32 —	Wetland Site	Q A		
Q-17 C	Q-24 C	Lakes and Ponds	Q A	Q-51 N/IA		
Q-18 B	Q-25 N/A	Lakes and Ponds	Q-41 C	Q-52 B		
Q-19 B	Q-26 C	Q A	Q-42 A	Q-53 A		
Q-20	Q-27 A	Q-33 —	Q-43 A	Q-54 A		
1 A	Q-28 C	Q-34 —	Q-44 C	Q-55 A		
2 A	A TACK	Q-35 —	Q-45 B	Q-56 A		
3 A		100	Q-46 C	Q-57 A		
4 A		and the second of the		Q-58 C		

#43 Agricultural land surrounds wetland on all sides.

20 Zoned public/semi-public



Project Name: Molalla Local Wetland Inventory

Wetland Code: MR - 2

Watershed Setting: (Questions 1-14) See Attached Table

Wetland Structure and Relation to Surrounding Landscape	Wetland Habitat	Fisheries Habitat	Wetland Hydrology	Recreation		
.Q A	Q A	Q A	Q A	C Q		
Q-15	Q-21	Q-29 B	Q-36 A	Q-47 C		
1 A	1 =	Streams connected to	Q-37 A	Q-48 3		
2 C	2 A	the Wetland	Q-38 C	Q-49 B		
3 A	3 -	Q A	Q-39 A	Q-50 B		
4 A	4 C	Q-30 C	Q-40 A	Asthetics		
5 A	Q-22 B	Q-31 B	Public Access to	_Asmeucs		
Q-16 2	Q-23 Å	Q-32 A	Wetland Site	Q A		
Q-17 B	Q-24 C	Lakes and Ponds	Q A	Q-51 N/		
Q-18 A	Q-25 N/A	Lakes and Fonds	Q-41 C	Q-52 B		
Q-19 B	Q-26 C	QA	Q-42 A	Q-53 A		
Q-20	Q-27 A	Q-33 B	Q-43 A	Q-54 A		
1 A	Q-28 C	Q-34 A	Q-44 B	Q-55 A		
2 A		Q-35 C	Q-45 B	Q-56 A		
3 A			Q-46 B	Q-57 A		
4 A	1			Q-58 13		

13. Wetland is surrounded on all sides by what appears to be agricultural land (but zoned public/semi Public)

#20 Zoned public / seni-public (in rodeo grounds)



Project Name: Molalla Local Wetland Inventory

Wetland Code: MR-1

Watershed Setting: (Questions 1-14) See Attached Table

Wetland Structure and Relation to Surrounding Landscape	Wetland Habitat	Fisheries Habitat	Wetland Hydrology	Recreation		
Q A	Q A	Q A	Q A	Q A :		
Q-15	Q-21	Q-29 —	Q-36 C	Q-47 C		
1 A	1 -	Streams connected to	Q-37 K	Q-48 C		
2 C	2 A	the Wetland	Q-38 A	Q-49 B		
3 A	3 /	Q A	Q-39 —	Q-50 B		
4 B	4 -	Q-30 —	Q-40 A	Asthetics		
5 A	Q-22 A	Q-31 ~	Public Access to	Asinetics		
Q-16 4	Q-23 (Q-32 —	Wetland Site	Q A		
Q-17 C	Q-24 (Lakes and Ponds	Q A	Q-51 NIA		
Q-18 B	Q-25 N/A	Lakes and Fonds	Q-41 B	Q-52 B		
Q-19 (3	Q-26 /A	Q A	Q-42 A	Q-53 A		
Q-20	Q-27 13	Q-33 —	Q-43 A	Q-54 A		
1 A	Q-28 C	Q-34	Q-44 13	Q-55 A		
2 Å	75 75 F	Q-35 —	Q-45 B	Q-56 A		
3 A		The second secon	Q-46 B	Q-57 A		
4 A				Q-58 C		

43 To north of wetland is parcel of undercloped riparian forest (~ 400 × 200')

20 Zoned public/semi-public (on high school grounds)

WETLAND CHARACTERIZATION- WATERSHED SETTING QUESTIONS 1-14* OFWAM

Middle Willamette Name of Drainage Basin:

Landscape Features/ Both Ends Corridor	0.14	C. both ends are developed (extensive agricultural lands)	C. both ends are developed (extensive agricultural lands)	C. both ends are developed (extensive agricultural lands)
Natural Corridor Æish & Wildlife	0.13	B. natural areas are fragmented but movement is possible for fish and wildlife	C. habitat and fragmented with barriers for fish and wildlife	B. natural areas are fragmented but movement is possible for wildlife Fish – N/A
S/T/E Plant or Wildlife Species	0.12	C. unknown	C. unknown	C. unknown
Wildlife Species	0.11	A. migratory birds C. Nesting birds	B. migratory birds C. Nesting birds	C. migratory birds C. Nesting birds
S/T/E Fish Species	0.10	No	No	N/A – outside assessment area
Fisheries	6.9	А, В	А, В	N/A – outside assessment area
Non-Point Sources	6.8	A. no data	A. no data	A. no data
Streams/Water Quality Limited	0.7	B, none	B. none	B. none
Dominant Land Use (Upstream)	9.0	Agriculture	Agriculture	Agriculture
Active Irrigation or Diking Upstream	0.5	No	No	°Z
Watershed Square Average Stream Flow Irrigation or Name Slope Modified Diking Upstream	0.4	A. tributaries modified	B. main stem modified	N/A – outside assessment area
Average Slope	0.3	1-3%	1-3%	1-3%
Square	0.7	1.58	1.02	0.18
Watershed Name	0.1	Bear Creek	Creek Creek	Molalla River

^{*} Except for questions that specifically request information beyond the assessment area, all questions were assessed for those portions of the watershed located within the City of Molalla Urban Growth Boundary.

Appendix B

Wetland Determination Data Forms





- 1			Nouth	Ousite	Memou		racine	Haditat Sei	vices, the
Project:		Molall	a LWI		Number:	2250	Sample Sit	e MF	₹-1-1
Applican	t: C	ity of Mola	illa	County:	County: Clackamas		Date:	4/2	25/01
Investiga	tors:	SE/FS		Township:	5S	Range:	2E	Section:	9
Do Norma	l Circumstan	ces exist on	this site?	Yes	Is the area a p	otential Prob	lem Area?		No
Is this an	Atypical Situa	tion?		No	•				
				P	rimary Indica	tors	Seco	ndary Indic	ators
HYDR	OLOGY			Inundated		rement)	Ox. rhizosp	And the second s	Yes
				Sat. in Upp	er 12"	Yes	H20-staine	d leaves	
Depth of	Surf. H2O	¥ 0,	Inches	Water Mar	ks		Local Soil S	Survey	
Depth to	Free H20	5	Inches	Drift Lines			FAC Neutr	al Test	
Depth to	Saturation	0	Inches	Sediment D	Deposits		Other		
170				Drainage p	atterns		Criteria M	lei:	West Yes
2017.2									
SOILS			Sawtell silt			ydric Soil?:		No	
Depth	Matrix	Soil Soil	Ultic Argix	x Concentr		nage Class:	ydric Soil	rately well o	irained
(Inches)	Color	Texture*		T	e/size/contrast	[]	ndicators	Com	ments
0-10	10YR 2/1.5			few, fine, d		Tield I	iluicator 5	Com	inches
10-14	10YR 4/2	SL	The second secon		nedium, distino	ı ct	×		
					9.5				
*SD=Sand,	SDL=Sandy Loa	m, L=Loam, S	DCL=Sandy C	lay Loam, S=Sil	t, SL=Silt Loam,	SCL=Silty Clay	Loam, CL=Clay	/ Loam, C=Clay	y
	WAN						Criteria M	let:	Yes Yes
VEGE	TATION								11100.
	Stratum	(0%)	Status	% Cover	Herbaceou	s Stratum	(85%)	Status	% Cove
					Festuca arun	idinacea*		FAC-	20
		-			Agrostis tenu	iis*		FAC	30
					Juncus tenui:	s*		FACW-	30
			5		Festuca rubr	ra		FAC+	10
		0			Plantago lan	ceolata		FAC	3
					Holcus lanat	us		FAC	5
	Stratum	(15%)	Status	% Cover	Galium apar	ine		FACU	2
	latifolia*		FACW	60					
Rosa piso	carpa*		FAC	40	Woody Vi	ine Stratum	(0%)	Status	% Cove
		2							
		2							
	-							1	
*Percent	of dominan	t species F	AC, FACW	, or OBL:	80%		Criteria M	let:	Yes
Commen		-			12-12-1-17				
								25	
							Determina	tion:	Wetland
							THE PARTY OF A COMPANY	300000000000000000000000000000000000000	



			Routin	e Onsite	Memon		Pacific F	labitat Sei	vices, Inc
Project:		Molall	a LWI		Number:	2250	Sample Site	e MF	₹-1-2
Applicant:	С	city of Mola	ılla	County:	Clack	kamas	Date:	4/2	25/01
Investigators	:	SE/FS	123A) - 11	Township:	5S	Range:	2E	Section:	9
Do Normal Ci	ircumstan	ces exist on	this site?	Yes	Is the area a	ootential Prob	lem Area?		No
Is this an Atyr	oical Situa	ation?		No					
HYDROLOGY				Pi Inundated	rimary Indica	tors	Seco Ox. rhizosp	ndary Indic	cators
HIDROL	.001			Sat. in Upp	er 12"		H20-stained		
Depth of Surf. H2O In			Inches	Water Mar			Local Soil S		
Depth to Free		>12	Inches	Drift Lines			FAC Neutra		
Depth to Satu		>12	Inches	Sediment D	Peposits		Other	NA DECEMBER 1	
•			33	Drainage p	atterns		Criteria M	et:	No.
SOILS	Clas	ped Series: ssification:	Ultic Argin	xerolls	Dra	lydric Soil?: inage Class:	moder	No ately well o	lrained
	Matrix	Soil		x Concentr			ydric Soil		
	Color OYR 3/2	Texture*	Color	abundance	e/size/contrast	Field 1	ndicators	Com	ments
*SD=Sand, SDL	=Sandy Loa	am, L=Loam, S	DCL=Sandy C	lay Loam, S=Sil	t, SL=Silt Loam,	SCL=Silty Clay	-	Control of the Contro	_
VEGETA	TION						Criteria M	en -	No
Tree Str	atum	(0%)	Status	% Cover	Herbaceo	us Stratum	(25%)	Status	% Cove
					Festuca aru	ndinacea*		FAC-	50
			(d)		Agrostis ten	uis*		FAC	50
Shrub Str	ratum	(35%)	Status	% Cover				1	
Crataegus m		*	FACU+	25			An alternative street		
Cytisus scopa		925	UPL	30		ine Stratum	(40%)	Status	% Cove
Rhamnus purshiana* FAC-		FAC-	45	45 Rubus ursinus* Rubus discolor*			FACU FACU	75 25	
*Percent of c	dominan	t species F	AC, FACV	V, or OBL:	14%		Criteria M	etr	No.
							Determina	tion:	Uplan



					Memou	200000		Aubitut St.	vices, inc.
Project:		Molal	la LWI		Number:	2250	Sample Site	e M F	₹-3-3
Applican	t: C	ity of Mola	alla	County:	Clack	amas	Date:	4/2	25/01
Investiga	tors:	SE/FS		Township:	5S	Range:	2E	Section:	9
Do Norma	al Circumstan	ces exist on	this site?	Yes	Is the area a p	otential Prob	lem Area?		No
Is this an	Atypical Situa	ation?		No					
(Mariana)				P	rimary Indica	tors	Seco	ndary Indic	ators
HYDR	ROLOGY			Inundated	50		Ox. rhizosp	(3)	Yes
-		**		Sat. in Upp		Yes	H20-stained	l leaves	
	Surf. H2O	horizating.	Inches	Water Mai			Local Soil S	73.75	
Depth to		>14	Inches	Drift Lines			FAC Neutra	al Test	
Depth to	Saturation	5	Inches	Sediment I	-		Other		Charles of the State of the Sta
				Drainage p	atterns		Criteria M	et:	Yes
SOILS	Manr	ned Series:	Sawtell silt	loam	u	ydric Soil?:	1	No	
SOILS	7.7	51	Ultic Argix			inage Class:		ately well	frained
Depth	Matrix	Soil		x Concentr			ydric Soil	l von v	
(Inches)	Color	Texture*	Color	abundanc	e/size/contrast	4	ndicators	Com	ments
0-7	10YR 2/1	SL	5YR 4/6	few, fine, d	istinct			gravelly	(0)
7-14	10YR 2/1	SL						gravelly	
ā									
*00-01	CDI C d I	1 1	DCI - G 4 - CI		k Ct. C'h I	COL CILL CI	I CI CI	L. C. Cla	
*SD=Sand,	SDL=Sandy Loa	im, L=Loam, S	DCL=Sandy Cl	lay Loam, S=Si	t, SL=Silt Loam,	SCL=Silty Clay	Criteria M		Yes
							Gatteria	CLATTER	163
	CTATION	(00/)	Ctatus	0/ Cover	Trank a second	- C44	(1009/)	Ctatus	9/ Correr
1 ree	Stratum	(0%)	Status	% Cover	Herbaceou Festuca arun		(100%)	Status FAC-	% Cover
					Alopecurus p			FACW	30
					Holcus lanat			FAC	20
					Poa pratensi			FAC	20
					Festuca rubr			FAC+	10
							=		
Shrub	Stratum	(0%)	Status	% Cover					
							3300		
				8	Woody Vi	ine Stratum	(0%)	Status	% Cover
				13					
	- X - 2							L	L
*Percent	of dominan	t species F	AC, FACW	, or OBL:	75%		Criteria M	et:	Yes
Commen	ts:			0 100					
							Determina	tion:	Wetland



			Routine	e Onsite	Method		Pacific I	Habitat Sei	rvices, Inc.
Project:		Molall	a LWI		Number: 2250		Sample Sit	e MF	₹-3-4
Applican	t: C	ity of Mola	ılla	County:	Clac	kamas	Date:	4/2	25/01
Investiga	tors:	SE/FS		Township:	5 S	Range:	2E	Section:	9
Do Norma	l Circumstan	ces exist on	this site?	Yes	Is the area a	potential Prob	lem Area?		No
Is this an A	Atypical Situa	tion?	44 F-1014	No					
HYDR	OLOGY		1132	Inundated Sat. in Upp	A 2000 A 600 A			ndary Indic heres I leaves	cators
Depth of	Surf. H2O		Inches	Water Mar			Local Soil S		
Depth to 1		>12	Inches	Drift Lines			FAC Neutra		
Depth to Saturation >12 Inches		Inches	Sediment D	Peposits		Other	7-300 S20000000000000000000000000000000000		
	<u> </u>				atterns		Criteria M	ét:	No.
SOILS Depth			Sawtell silt Ultic Argix Redo		Dra	Hydric Soil?: ninage Class: Other H		No rately well o	lrained
(Inches)	Color	Texture*	Color	abundance	e/size/contrast	Field I	ndicators		ments
0-12	10YR 2/2	SL						with small	cobble
*SD=Sand,	SDL=Sandy Loa	ım, L=Loam, S	DCL=Sandy Cl	lay Loam, S=Sil	t, SL=Silt Loam,	SCL=Silty Clay	AND DESCRIPTION OF THE PERSON		
	3						Criteria M	et:	No .
	TATION				I - 20000				
Tree	Stratum	(0%)	Status	% Cover		us Stratum	(100%)	Status	% Cove
					Daucus care			UPL	10
					Taraxacum Vicia sativa			FACU	5
					Laurence Communication Communi			UPL FACW	20 25
					Alopecurus Geranium r			UPL	5
			<u> </u>		Dactylis glo			FACU	20
Shrub	Stratum	(0%)	Status	% Cover	Festuca aru			FAC-	10
					Woody V	ine Stratum	(0%)	Status	% Cove
	of dominan	t species F	AC, FACW	, or OBL:	33%	,	Criteria M	et:	No.
Commen							Determina	tion:	Upland



			TOUTH	Ousite	victiou	- Ventroscopii	1 acmic	Habitat Sei	vices, inc.
Project:		Molall	a LWI	201	Number:	2250	Sample Si	te CC	-3-5
Applican	t: C	City of Mola	alla	County:	Clack	kamas	Date:	4/2	20/01
Investiga	tors:	PF/CR		Township:	5S	Range:	2E	Section:	8
Do Norma	l Circumstan	ces exist on	this site?	Yes	Is the area a p	otential Prob	em Area?		No
Is this an	Atypical Situa	ation?		No					
HYDROLOGY Depth of Surf. H2O Inches Depth to Free H20 >14 Inches Depth to Saturation >14 Inches				Primary Indicators Inundated Ox. Sat. in Upper 12" H20 Water Marks Loca Drift Lines FAC		Ox. rhizos H20-staine Local Soil	Secondary Indicators Ox. rhizospheres I20-stained leaves Local Soil Survey AC Neutral Test		
				Drainage p	atterns		Criteria N	let:	No
SOILS Depth	Cla Matrix	ssification: Soil		qualfs x Concentr	Drai ations		ydric Soil	Yes poorly drain	
(Inches)	Color	Texture*	Color	abundance	e/size/contrast	Field I	ndicators	Com	ments
0-4 4-14	10YR 3/2 10YR 3/2	SCL SCL	7.5YR 4/6	few, mediu	m, distinct	20			
*SD=Sand,	SDL=Sandy Lo	am, L=Loam, S	DCL=Sandy Cl	ay Loam, S=Sil	t, SL=Silt Loam,	SCL=Silty Clay	Loam, CL=Cla	y Loam, C=Cla	y
							Criteria N	let:	Yes.
VEGE	TATION								
	Stratum	(20%)	Status	% Cover	Herbaceou	ıs Stratum	(80%)	Status	% Cover
Pinus sylv	vestris*		NOL	90	Epilobium w	atsonii*		FACW-	60
Populus t	richocarpa		FAC	10	Chrysanthen	num leucanth	emum	UPL	10
					Geranium ro	bertianum		UPL	5
	8. 80				Cardamine o	oligosperma		FAC	5
					Crepis setoso			UPL	5
					Taraxacum o			FACU	5
Shrub	Stratum	(0%)	Status	% Cover	Panicum cap	oillare		FACU+	5
			2		Woody Vi	ine Stratum		Status	% Cover
			2				- Lauren - L		
*Percent	of dominan	it species F.	AC, FACW	, or OBL:	100%		Criteria N	1et:	Yes
Commen	ts:	220	XXX TO SELECT	**************************************	923		V-01-2-		
	9.9							1	
							Determin:	ation:	Upland



ROUTINE UNSITE MICTION Pacific Habitat Services, In								rvices, Inc	
Project:		Molal	la LWI		Number:	2250	Sample Sit	te CC	-3-6
Applican	t: C	City of Mol	alla	County:	Clack	kamas	Date:	4/2	20/01
Investiga	tors:	PF/CR		Township:	5S	Range:	2E	Section:	8
Do Norma	al Circumstan	nces exist on	this site?	Yes	Is the area a p	otential Prob	lem Area?		No
Is this an	Atypical Situ	ation?		No	i::				
			Local Co	P	rimary Indica	tors	Seco	ondary Indic	ators
HYDR	ROLOGY			Inundated		Yes	Ox. rhizosp	heres	Yes
and state to				Sat. in Upp		Yes	H20-stained leaves		
	Surf. H2O	3	Inches	Water Mai			Local Soil Survey		
Depth to		•	Inches	Drift Lines			FAC Neutral Test		
Depth to	Saturation	0	Inches	Sediment I	=	**	Other		然 成分是是发展的
				Drainage p	atterns	Yes	Criteria N	let:	Yes
SOILS	Man	ned Series:	Dayton silt	loam	н	ydric Soil?:		Yes	
SOILS		₹	Typic Alba			inage Class:		oorly drain	ed
Depth	Matrix	Soil					ydric Soil	Toony drains	
(Inches)	The state of the s		Color			**************************************	ndicators	Com	ments
0-14	10YR 4/2	SCL	7.5YR 4/6	common, n	nedium, promi	nent			
	7								
***************************************	CDI		DCI CICI	C. C.	le CI - Cile I	COI - C:I+- OI	I CI Cl-	. I C. Cla	
*SD=Sand,	SDL=Sandy Lo	am, L=Loam, S	SDCL=Sandy CI	ay Loam, 5=51	lt, SL=Silt Loam,	SCL=Silty Clay	Criteria M		Yes
							Gricciaso		
	Stratum	(0%)	Status	% Cover	Herbaceou	o Ctuatum	(90%)	Status	% Cove
1166	Stratum	(070)	Status	76 Cover	Epilobium w		(90%)	FACW-	60
					Juncus ensife		20	FACW	10
					Juncus tenui.			FACW-	10
					Agrostis teni			FAC	20
	Stratum	(10%)	Status	% Cover	1				
Populus t	richocarpa*	*	FAC	100	1000000 1000 000000				
Į.					Woody Vi	ine Stratum	10000	Status	% Cove
									20
	_				l				
*Percent	of dominar	it species F	AC, FACW	, or OBL:	100%		Criteria M	let:	Yes
Commen				+					
	18						Determina	tion:	Wetland
									7.577



Project:		Molal	la LWI		Number:	2250	Sample Site	CC	-4-7	
Applican	t: <u>C</u>	ity of Mola	alla	County:	Clack	camas	Date:	5/:	1/01	
Investiga	tors:	SE/PF		Township:	5S	Range:	2E	Section:	8	
Do Norma	al Circumstano	ces exist on	this site?	Yes	Is the area a p	otential Prob	lem Area?		No	
Is this an .	Atypical Situa	tion?		No	1 11111					
10 2 10				P	rimary Indica	tors	Secon	ndary Indic	ators	
HYDR	COLOGY			Inundated			Ox. rhizospl	neres		
				Sat. in Upp			H20-stained			
	Surf. H2O		Inches	Water Mar			Local Soil Survey			
Depth to		>14	Inches	Drift Lines			FAC Neutra	ıl Test		
Depth to	Saturation	>14	Inches	Sediment I	100		Other	new restoration extra		
				Drainage p	atterns		Criteria M	ets - s	No -	
SOILS	Manr	and Sarios	Dayton silt	loom	TY	ydric Soil?:		Yes	*	
SOILS	1.7.7		Typic Alba			inage Class:		oorly draine	ed	
Depth	Matrix	Soil		x Concentr	Projection of the second of th		ydric Soil	ony drame	<i>J</i> u	
(Inches)	Color	Texture*	Color	T	e/size/contrast		ndicators	Com	ments	
0-14	10YR 3/2	SL								
					æ					
							-	L		
*SD=Sand,	SDL=Sandy Loa	m, L=Loam, S	DCL=Sandy Cl	ay Loam, S=Sil	t, SL=Silt Loam,	SCL=Silty Clay			AND PERSONAL PROPERTY.	
							Criteria M	et:	No.	
VEGE	ETATION									
Tree	Stratum	(0%)	Status	% Cover	Herbaceou	s Stratum	(100%)	Status	% Cover	
					Festuca arun			FAC-	65	
					Cirsium vulg			FACU	10	
- >					Hypochaeris			FACU	5	
					Taraxacum o			FACU	10	
					Trifolium pro	atense	9 :	FACU	10	
ChL	Stratum	(0%)	Status	% Cover			Ω.			
Shrub	Stratum	(070)	Status	76 Cover	1					
					Woody Vi	ine Stratum	(0%)	Status	% Cover	
				1	, , souly ,		(0,0)		70 00 00	
72.							22.19			
					11.0	R				
	of dominan	t species F	AC, FACW	, or OBL:	0%		Criteria M	et:	No	
Commen	ts:									
		0.00						7. Company		
						and the second s	Determinat	ion:	Upland	



Project:		Molali	a LWI		Number:	2250	Sample Site	· CC	-4-8
Applican	t: C	ity of Mola		County:		camas	Date: 5/1/01		
Investiga		SE/PF	****	Township:		Range:	2E	Section:	8
	l Circumstano		thic cite?	Yes	Is the area a p			Scotlon.	No
	Atypical Situa		uns site:	No	is the area a p	otential From	icili Alca:		110
15 tills all 1	Atypical Situa	tion:			. T. 11				
HVDD	OLOGY			Inundated	rimary Indica	tors	Ox. rhizospi	ndary Indic	ators
IIIDN	OLOGI			Sat. in Upp	er 12"		H20-stained		
Depth of	Surf. H2O	<1	Inches	Water Mar			Local Soil S		
Depth to		-	Inches	Drift Lines			FAC Neutral Test		
	Saturation	0	Inches	Sediment Deposits			Other		
				Drainage patterns Yes Criteria M				ern land	a Yes
				- 8- P			Our and a select than in the left with		
SOILS	Mapp	ed Series:	Dayton silt	loam	• н	ydric Soil?:		Yes	
	Clas	sification:	Typic Alba	qualfs	Drai	inage Class:	ро	orly drain	ed
Depth	Matrix	Soil		ox Concentrations Other H			ydric Soil		50-MGM3025
(Inches)	Color	Texture*	Color	abundance/size/contrast Field			ndicators		ments
0-6	10YR 3/1	SCL	7.5VD 4/6	c 1:	1			lots of org	anic
6-14	10YR 3/1	SCL	7.5 Y R 4/6	few, mediu	m, distinct				
*SD=Sand	SDI =Sandy I oa	m I=Ioam S	DCI =Sandy Cl	av Loam S=Sil	t, SL=Silt Loam,	SCI =Silty Clay	Loam CL=Clav	Loam C=Clar	,
ob ound,	obb ballay boa	in, D Bourn, o	DCD buildy Cit	ay Loani, o on	n, DD One Doarry	och only clay	Criteria M		Yes
WEGE	TATION						De la		
	TATION	(0%)	Status	% Cover	Manhaaaan	. C44	(950/)	Ctatus	0/ Cover
Tree	Stratum	(0%)	Status	% Cover	Herbaceou Phalaris aru		(85%)	Status FACW	% Cover
1					Galium apar		6	FACU	10
					Ошит ириг	ine		IACC	10
				Q					
U.50									
Shrub	Stratum	(0%)	Status	% Cover					
					2/22025	a in the second second		Control of Advisor	
						ine Stratum	(15%)	Status	% Cover
					Solanum dul	camara*		FAC+	100
						****		40 40 50 50	
*Percent	of dominan	t species F	AC, FACW	, or OBL:	100%		Criteria M	et:	Yes
Commen	ts:								
							Determinat	ion:	Wetland



Project:	10.00	Molall	la LWI		Number:	2250	Sample Site	CC-	-9A-9
Applican	t: C	ity of Mola		County:	 	camas	Date:		20/01
Investiga		PF/CR		Township:	12,429,045	Range:	2E	Section:	8
Do Norma	l Circumstano		this site?	Yes	Is the area a p		lem Area?		No
Is this an A	Atypical Situa	tion?		No	Johnston Company (1997)				
				P	rimary Indica	tors	Secon	dary Indic	ators
HYDR	OLOGY			Inundated		Yes	Ox. rhizospl	neres	Yes
				Sat. in Upp	er 12"	Yes	H20-stained	leaves	
	Surf. H2O	<1	Inches	Water Mar			Local Soil S	200 CO.	
Depth to		<1	Inches	Drift Lines			FAC Neutra	l Test	
Depth to	Saturation	0	Inches				Other		
	The state of the s			Drainage p	atterns	Yes	Criteria M	er:	Yes
SOILS Mapped Series: Dayton silt loam Hydric Soil?: Yes									
SOILS		sification:	ydric Soil?: inage Class:		Yes	a.d			
Depth	Matrix	Soil Soil		x Concentr			ydric Soil	orly drain	-
(Inches)	Color	Texture*		T	e/size/contrast	4	ndicators	Com	ments
0-14					nedium, distin				
									Tr.
		(2)		11111111111					
*SD=Sand,	SDL=Sandy Loa	m, L=Loam, S	DCL=Sandy Cl	ay Loam, S=Sil	t, SL=Silt Loam,	SCL=Silty Clay	THE RESERVE OF THE PERSON NAMED IN		
	···						Criteria M	et:	Yes
VEGE	TATION			760 A					
Tree	Stratum	(0%)	Status	% Cover	Herbaceou	ıs Stratum	(100%)	Status	% Cover
10			(1)		Ranunculus	repens*		FACW	20
=					Agrostis stol	onifera*		FAC	30
			9		Carex feta			FACW	10
					Alopecurus p	oratensis	¥.	FACW	10
					Poa annua			FAC	5
01 1	0	(00/)	Q ₁	0/ 6	Trifolium rep			FAC	5
Shrub	Stratum	(0%)	Status	% Cover	Trifolium pro			FACU	5
					Cerastium vi	ine Stratum		FACU Status	% Cover
				100	Woody V	ine stratum		Status	76 Cover
202		•0:							
							40		
						-			
*Percent	of dominan	t species F	AC, FACW	, or OBL:	100%		Criteria Mo	et:	Yes
Commen	ts:								
-									
							Determinat	ion:	Wetland



	Routine Onsite Wethou I acine Habitat Services, Inc.										
Project:		Molall	a LWI		Number:	2250	Sample Site CC-9A-10		9A-10		
Applican	t: C	ity of Mola	ılla	County:		amas	Date:		0/01		
Investiga	tors:	PF/CR		Township:	5S	Range:	2E	Section:	8		
Do Norma	al Circumstano	ces exist on	this site?	Yes	Is the area a p	otential Prob	lem Area?		No		
Is this an	Atypical Situa	tion?		No							
				P	rimary Indica	tors	Secor	dary Indic	ators		
HYDR	OLOGY			Inundated			Ox. rhizospl	ieres	Yes		
				Sat. in Upp			H20-stained	100000000000000000000000000000000000000			
	Surf. H2O	2.2	Inches	Water Mar			Local Soil Survey				
Depth to		>14	Inches	Drift Lines			FAC Neutra	l Test			
Depth to	Saturation	>14	Inches		Sediment Deposits Orainage patterns Oriferia Met:						
		- 4		Drainage p	atterns		Criteria M	et:	No.		
COLLC	Mann	ad Cartas	Davidson sile	1	**	viduta Catto.		17			
SOILS	7.7		Dayton silt Typic Alba			ydric Soil?: inage Class:		Yes orly drain	ad.		
Depth	Matrix	Soil		x Concentr			ydric Soil	orry draine	a		
(Inches)	Color	Texture*					ndicators	Com	ments		
0-14	10YR 2/2	SCL		common, fine, distinct							
			125.000								
*SD=Sand,	SDL=Sandy Loa	m, L=Loam, S	DCL=Sandy Cl	ay Loam, S=Sil	t, SL=Silt Loam,	SCL=Silty Clay					
	<u> </u>						Criteria M	eu:	Yes		
VEGE	TATION										
Tree	Stratum	(0%)	Status	% Cover	Herbaceou		(100%)	Status	% Cover		
			j		Festuca arun			FAC-	20		
-					Hypochaeris			FACU	20		
					Trifolium pro			FACU	20		
					Alopecurus p			FACW	10		
					Agrostis tenu			FAC FAC	5		
Church	Stratum	(0%)	Status	% Cover	Poa pratensi Poa annua	3		FAC	10 5		
SHIUD	SHALLIN	(0/0)	Status	70 COVE	Cerastium vi	ıloatum		FACU	10		
						ine Stratum	(0%)	Status	% Cover		
							(-/-/	t			
					(programme)						
900a 59 av	DAZE(CER) POIN F	. 02.0 201.0		as costantes:	\$2500±00 0000						
	of dominan	t species F	AC, FACW	, or OBL:	0%		Criteria Mo	et:	No		
Commen	ts:										
								• A 20 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0			
	Determination: Upland										



	Routine Ousite Wiction Facilie Habitat Services, Inc.											
Project:	5	Molall	a LWI		Number:	2250	Sample Sit	e CC-	9B-11			
Applican	t: C	ity of Mola	ılla	County:	Clack	camas	Date:	4/2	0/01			
Investiga	tors:	PF/CR		Township:	5S	Range:	2E	Section:	8			
Do Norma	al Circumstan	ces exist on	this site?	Yes	Is the area a p	otential Probl	em Area?		No			
Is this an .	Atypical Situa	ition?		No								
HYDR Depth of Depth to	OLOGY Surf. H2O	>14 >14	Inches Inches Inches	Inundated Sat. in Upp Water Mar Drift Lines Sediment I	-ks	tors	Secondary Indicators Ox. rhizospheres H20-stained leaves Local Soil Survey FAC Neutral Test Other					
	13-27/1-13/17	Entropy (a)		Drainage p	atterns		Criteria M	et: way 14 ma	No			
SOILS Depth (Inches)	107-17		Dayton silt Typic Alba Redo Color	qualfs x Concentr	Drai		p ydric Soil idicators	Yes oorly draine Com	ed ments			
0-14 10YR 3/2 SL 7.5YR 3/2 few, fine, faint												
*SD=Sand,	SDL=Sandy Loa	m, L=Loam, S	DCL=Sandy Cl	ay Loam, S=Sil	t, SL=Silt Loam,	SCL=Silty Clay		THE RESERVE OF THE PARTY OF THE	THE RESERVE OF THE PERSON NAMED IN			
	was in the same						Criteria M	et:	Yes			
VEGE	TATION	2 2						complete and				
Tree	Stratum	(0%)	Status	% Cover	Herbaceou	s Stratum	(100%)	Status	% Cover			
					Alopecurus p Taraxacum o Festuca arun Agrostis tenu Trifolium pro Trifolium du	officinale adinacea* uis atense		FACW FACU FAC- FACU FACU UPL	20 10 20 10 5			
Shrub	Stratum	(0%)	Status	% Cover			FACW	- FACW+	10			
Daucus carota Ranunculus repens FACW 10 Plantago major FACU+ Woody Vine Stratum (0%) Status % Cover												
*Percent Commen	of dominan ts:	t species F	AC, FACW	, or OBL:	50%		Criteria M		No			
							Determina	tion:	Upland			



Routine Onsite Wethou Facilie Habitat Services, Inc.										
Project:		Molall	a LWI		Number:	2250	Sample Site CC-9B-12			
Applican	t: C	ity of Mola	ılla	County:	Clack	amas	Date:	4/2	0/01	
Investiga	tors:	PF/CR		Township:	58	Range:	2E	Section:	8	
Do Norma	l Circumstan	ces exist on	this site?	Yes	Is the area a p	otential Probl	lem Area?		No	
Is this an .	Atypical Situa	ition?		No			_			
			11.00-000	P	rimary Indicat	tors	Sec	ondary Indic	ators	
HYDR	OLOGY			Inundated			Ox. rhizos	pheres	Yes	
				Sat. in Upp	er 12"	Yes	H20-staine	H20-stained leaves		
Depth of	Surf. H2O		Inches	Water Mai	rks		Local Soil Survey			
Depth to		3	Inches	Drift Lines			FAC Neutral Test			
Depth to	Saturation	0	Inches	Sediment Deposits Other						
				Drainage p	atterns	Yes	Criteria N	Aeta 🗀 📑	Yes ex	
0055.0			Dayton silt			ydric Soil?:				
SOILS	Yes	Sales (
Donth	Matrix	Soil Soil	Typic Alba					oorly draine	ed	
Depth (Inches)	Color	Texture*	Color	ox Concentrations Other Hyd abundance/size/contrast Field Ind			- The State of the	Com	mente	
	0-14 10YR 2/1 S/C 5Y 3/4						Indicators Comments			
0-14 10YR 2/1 S/C 5Y 3/4 common, medium, distinct								9		
						<u>k</u> 1				
7-										
*SD=Sand,	SDL=Sandy Loa	ım, L=Loam, S	DCL=Sandy Cl	ay Loam, S=Si	t, SL=Silt Loam, S	SCL=Silty Clay	Loam, CL=Cla	y Loam, C=Clay	,	
		130.300					Criteria N	1et: 4	Yes	
VEGE	TATION					**************************************				
-	Stratum	(60%)	Status	% Cover	Herbaceou	s Stratum	(40%)	Status	% Cover	
Fraxinus	latifolia*	`	FACW	100	Camassia qu			FACW	30	
	24				Carex pratice	ola*		FACW	20	
					Taraxacum o	fficinale		FACU	5	
					Lotus cornici	ulatus		FAC	15	
					Vicia sativa			UPL	10	
					Epilobium w			FACW-	5	
Shrub	Stratum	(0%)	Status	% Cover	Trifolium rep	oens		FAC	10	
								-	0/ 6	
		_			Woody Vi	ne Stratum		Status	% Cover	
N.			- 4							
- 600					l					
*Percent	of dominan	t species F	AC, FACW	, or OBL:	100%		Criteria N	let:	Yes.	
Commen	1794	7		0.000						
							Determin	ation:	Wetland	
									THE RESERVE OF THE PARTY OF THE	



				- Onsite	Wicthou -		T acme i	Tabitat Sei	vices, inc.	
Project:		Molall	a LWI		Number:	2250	Sample Site CC-9B-13		9B-13	
Applican	t: C	ity of Mola	alla	County:	Clack	kamas	Date:	4/2	20/01	
Investiga	tors:	PF/CR		Township:	58	Range:	2E	Section:	8	
Do Norma	al Circumstan	ces exist on	this site?	Yes	Is the area a p	otential Prob	lem Area?		No	
Is this an	Atypical Situa	ition?		No	175			27.5		
			100	P	rimary Indica	tors	Seco	ndary Indic	ators	
HYDR	OLOGY			Inundated			Ox. rhizosp	heres		
				Sat. in Upp	er 12"		H20-stained	ined leaves		
	Surf. H2O		Inches	Water Mar	270308		Local Soil S	and a trib to the		
Depth to		>14	Inches	Drift Lines FAC Neutr				al Test		
Depth to	Saturation	>14	Inches	Sediment I	Sediment Deposits Other					
				Drainage p	atterns		Criteria M	et:	No :	
SOILS Mapped Series: Dayton silt loam Hydric Soil?: Yes										
SOILS	17.7		100			ydric Soil?:		Yes		
Depth	Matrix	Soil Soil	Typic Alba	· · · · · · · · · · · · · · · · · · ·				oorly draine	ed	
(Inches)	Color	Texture*	Color	ox Concentrations Other Hydr abundance/size/contrast Field Indie				Com	ments	
	0-14 10YR 3/2 SL				USIZUCUITI AST	I ICIU I	nuicutors	Com	incits	
3 .7	0-14 10 FR 3/2 SL									
			æ							
*SD=Sand,	SDL=Sandy Loa	m, L=Loam, S	DCL=Sandy Cl	lay Loam, S=Si	t, SL=Silt Loam,	SCL=Silty Clay	The second secon			
				- July av			Criteria M	et:	No -	
VEGE	TATION		SOUTH-	AT	×					
Tree	Stratum	(0%)	Status	% Cover	Herbaceou	ıs Stratum	(100%)	Status	% Cover	
					Festuca arun	ndinacea		FAC-	10	
					Daucus caro			UPL	30	
			-		Cirsium arve			FACU+	20	
					Taraxacum o			FACU	10	
				1	Chrysanthen		nemum	UPL	10	
Chl	Stratum	(0%)	Status	% Cover	Trifolium rep Alopecurus p			FAC FACW	10 5	
SHITUD	SHALUIII	(070)	Status	76 COVER	Agrostis tenu			FACW	5	
			g 21			ine Stratum	(0%)	Status	% Cover	
							(- / 0)			
						2				
	1					2000				
	CONTRACT FOR				\$ 5000-4000					
	of dominan	t species F	AC, FACW	, or OBL:	0%	log con trans	Criteria M	et:	No	
Commen	ts:									
								y • 1 · · · · · · · · · · · · · · · · · ·	71.	
							Determina	uon:	Upland	



			Ttoutint	Ousite			1 acme 1	1abitat Sei	vices, inc.	
Project:		Molal	la LWI		Number:	2250	Sample Site	BC-	1A-14	
Applican	t: (City of Mola	alla	County:	Clack	camas	Date:	5/	1/01	
Investiga	tors:	SE/PF		Township:	5S	Range:	2E	Section:	7	
Do Norma	al Circumsta	nces exist on	this site?	Yes	Is the area a p	otential Prob	em Area?		No	
Is this an	Atypical Situ	uation?		No		-				
HYDR Depth of S Depth to S	HYDROLOGY Depth of Surf. H2O Inches Depth to Free H20 >14 Inches Depth to Saturation 0 Inches SOILS Mapped Series: Aloha sil Classification: Aquic Xe				Primary Indicators Inundated Sat. in Upper 12" Yes Water Marks Drift Lines Sediment Deposits Drainage patterns Yes Name of the Primary Indicators One of the Primary Indicators Yes			Secondary Indicators Ox. rhizospheres H20-stained leaves Local Soil Survey FAC Neutral Test Other Criteria Met: Ye		
SOILS	•	•		•						
Depth (Inches)	Matrix Color	Soil Texture*	Redo	ox Concentrations Other			Hydric Soil		ments	
0-14 2.5Y 5/1 SCL 10YR 4/6 many, coarse, prominent										
*SD=Sand,	SDL=Sandy Lo	oam, L=Loam, S	DCL=Sandy Cl	ay Loam, S=Sil	t, SL=Silt Loam,	SCL=Silty Clay	Loam, CL=Clay	Loam, C=Clay	у	
							Criteria M			
VEGE	TATION									
	Stratum	(0%)	Status	% Cover	Herbaceou	ıs Stratum	(100%)	Status	% Cover	
					Festuca arun	ndinacea*		FAC-	35	
					Phalaris aru	ndinacea	547	FACW	15	
					Carex stipate			OBL	20	
					Juncus effusi	us*		FACW	30	
Shrub	Stratum	(0%)	Status	% Cover						
					Woody Vi	ine Stratum	(0%)	Status	% Cove	
	*									
*Percent	of domina	nt species F	AC, FACW	, or OBL:	67%		Criteria M	et:	Yes	
Commen	ts:				* NO.					
							Determina	tion:	Wetland	



Routine Unsite Method Pacific Habitat Services, Inc.									
Project:		Molal	a LWI		Number:	2250	Sample Site BC-1A-1		1A-15
Applican	t:	City of Mola	alla	County:	Clac	kamas	Date:	5/	1/01
Investiga	tors:	SE/PF		Township:	5 S	Range:	2E	Section:	7
Do Norma	l Circumsta	nces exist on	this site?	Yes	Is the area a	potential Probl	em Area?		No
Is this an A	Atypical Situ	uation?		No				3,43	
				P	rimary Indica	ators	Seco	ndary Indic	ators
HYDR	OLOGY			Inundated			Ox. rhizospheres		
				Sat. in Upp			H20-stained leaves		
100	Surf. H2O		Inches	Water Mar			Local Soil Survey		
Depth to		>12	Inches	Drift Lines			FAC Neutral Test		
Depth to	Saturation	>12	Inches	Sediment D			Other		
				Drainage p	atterns		Criteria M	et: • · · · · · · · · · · ·	No
SOILS	Mor	ped Series:	Aloho aile	loam	Ť	Iydric Soil?:		Nic	
SOILS		assification:				inage Class:		No hat poorly	drained
Depth	Matrix	Soil		ox Concentra			ydric Soil	lat poorly	dianicu
(Inches)	Color	Texture*	Color		e/size/contrast		dicators	Com	ments
0-12	10YR 3/2	SL						refused at	12 inches
								by rock	
*CD=Cond	CDI =Condy I		DCI = 2	lau I aam CuCil	t CI –Cilt I com	SCI –Silty Clay	Leam CL-Clau	Laser CeCler	
-SD-Sand,	SDL-Salidy Lo	oam, L=Loam, S	DCL-Sandy C	iay Loam, 5=511	t, SL=Siit Loam,	SCL=Silty Clay	Criteria M	The second secon	No
VECE	TATION	-			25 AND 10		Cricara in		**************************************
	TATION Stratum	(0%)	Status	% Cover	Herbaceo	us Stratum	(100%)	Status	% Cove
1100	<u> </u>	(070)	Status	70 00101	Festuca aru		(10070)	FAC-	30
					Trifolium pr			FACU	20
					5	oligosperma		FAC	5
	•				Vicia ameri	cana		FAC	10
				-	Myosotis dis	scolor	21 10	FACW	10
					Daucus care			UPL	10
Shrub	Stratum	(0%)	Status	% Cover	Parentucelli	ia viscosa		FAC-	10
					***	' C1	(00/)	04-4	9/ 6
					woody V	ine Stratum	(0%)	Status	% Cove
									Ð
				W.					
		- 174			:			l	
*Percent	of domina	nt species F	AC, FACV	V, or OBL:	0%)	Criteria M	et: 🐺 🤲	· No
Commen	ts:	on berm b	y sewage p	ond					
							Determina	tion:	Upland



ROUTINE UNSITE METHOD Pacific Habitat Services, In								vices, Inc.		
Project:		Molall	a LWI		Number:	2250	Sample Site BC-1A-1		1A-16	
Applican	t: C	ity of Mola	ılla	County:	Clack	amas	Date:	5/	1/01	
Investiga	tors:	SE/PF		Township:	5 S	Range:	2E	Section:	7	
Do Norma	al Circumstano	ces exist on	this site?	Yes	Is the area a p	otential Probl	lem Area?		No	
Is this an	Atypical Situa	tion?		No						
				Pi	rimary Indicat	tors	Seco	ndary Indic	ators	
HYDR	OLOGY			Inundated			Ox. rhizosp		Yes	
	DALE WEST PRODUCTIONS			Sat. in Upp		Yes	H20-stained			
	Surf. H2O	•	Inches	Water Mar			Local Soil S	STATE OF THE STATE		
Depth to		2	Inches	Drift Lines				FAC Neutral Test		
Depth to	Saturation	0	Inches	Sediment D		¥/aa	Other	A STANSFER	17	
				Drainage p	atterns	Yes	Criteria M	<u>G</u> b	Yes	
SOILS	Manr	ed Series:	Aloha silt l	oam	н	ydric Soil?:		No		
COLES			Aquic Xero					hat poorly	drained	
Depth	Matrix	Soil		x Concentr			ydric Soil			
(Inches)			Color			Field I	ndicators	Com	ments	
0-2	10YR 3/2	SCL		few, mediu		27				
2-14	5Y 3/1	SCL	10YR 4/6	common, n	nedium, distinc	ct I				
					020					
*SD=Sand	SDL=Sandy Loa	m L=Loam S	DCL=Sandv Cl	av Loam S=Sil	t, SL=Silt Loam, S	SCL=Silty Clay	Loam CL=Clav	Loam C=Clay	,	
ob ound,	DDD Guildy Dou	an, B Bount, C	Deb suitay et	uy Dount, o on	ii, ob om bouiii, c	ocz om, om,	Criteria M	William Company of the Company of th	Yes	
VECE	TATION	*************************************			(100) —(00)					
	Stratum	(0%)	Status	% Cover	Herbaceou	s Stratum	(100%)	Status	% Cove	
	otracam.	(0,0)	Status	70 00102	Typha latifol		(20070)	OBL	20	
					Juncus effusu			FACW	10	
					Alopecurus g	eniculatus*		OBL	35	
					Eleocharis o			OBL	10	
					Holcus lanati			FAC	20	
					Carex stipata			OBL	5	
Shrub	Stratum	(0%)	Status	% Cover						
					Woody Vi	ne Stratum	(0%)	Status	% Cove	
					**************************************	ne su atum	(070)	Status	70 COVE	
	-48 							1020 5 - 000		
SV-3					AND CHARLES AND CO.					
	of dominan	t species F	AC, FACW	, or OBL:	100%		Criteria M	et:	Yes	
Commen	ts:									
							Barrer .		100/-21	
11-1-12-1-1-1						1	Determina	поп:	Wetland	



			Routing	e Onsite	Method		Pacific I	Habitat Ser	vices, Inc.
Project:		Molal	la LWI	T	Number:	2250	Sample Site BC-1A		1A-17
Applican	t: C	ity of Mola	alla	County:	Clack	kamas	Date:	5/	1/01
Investiga	tors:	SE/PF		Township:	5S	Range:	2E	Section:	7
Do Norma	l Circumstan	ces exist on	this site?	Yes	Is the area a p	ootential Prob	lem Area?		No
Is this an	Atypical Situa	tion?		No	107				
HYDR Depth of Depth to	OLOGY Surf. H2O	>14 >14	Inches Inches Inches		·ks Deposits	ators	Secondary Indicators Ox. rhizospheres H20-stained leaves Local Soil Survey FAC Neutral Test Other Criteria Met:		
SOILS Depth	7.7		Aloha silt	loam	H Dra	Iydric Soil?: inage Class:		No hat poorly	ti selesa Sinasaka Silatika esikata
(Inches)	Color	Texture*		abundance/size/contrast Field Indic				Com	ments
0-14	10YR 4/3	SL				iii			Œ.
*SD=Sand,	SDL=Sandy Loa	ım, L=Loam, S	DCL=Sandy C	lay Loam, S=Sil	t, SL=Silt Loam,	SCL=Silty Clay	- purpose and the second		
				Marie Control of the			Criteria M	et:	≱ _ No
	TATION	(00()		Ta. 6			(4000()	T a	A . G
Tree	Stratum	(0%)	Status	% Cover	5.00mm	us Stratum	(100%)	Status FACU+	% Cove
					Cirsium arve Trifolium re			FAC	20
					Holcus lana			FAC	20
					Poa annua*			FAC	20
					Dactylis glo			FACU	25
					Rumex crisp			FAC+	3
Shrub	Stratum	(0%)	Status	% Cover	•				
					Woody V	ine Stratum	(0%)	Status	% Cove
*Percent	of dominan	t species F	AC, FACV	V, or OBL:	75%		Criteria M	et:	Yes
Commen	ts:						Determina	tions -	Upland
									A CONTRACTOR OF THE PARTY OF TH



				Method				vices, inc.
	Molall	a LWI		Number:	2250	Sample Sit	e BC-	1A-18
t: C	ity of Mola	ılla	County:	Clack	camas	Date:	5/	1/01
tors:	SE/PF		Township:	5S	Range:	2E	Section:	7
l Circumstan	ces exist on	this site?	Yes	Is the area a p	otential Prob	lem Area?		No
Atypical Situa	ation?		No					
OLOGY Surf. H2O Free H20 Saturation	>14 >14	Inches Inches Inches	Primary Indicators Inundated Sat. in Upper 12" Water Marks Drift Lines Sediment Deposits Drainage patterns			Secondary Indicators Ox. rhizospheres H20-stained leaves Local Soil Survey FAC Neutral Test Other Criteria Met:		
Clas	ssification:	Aquic Xero	ochrepts	Drai	inage Class:	somew	No hat poorly	drained
							Com	monte
		Color	abundance	e/size/contrast	Field 1	naicators	Com	ments
	am, L=Loam, S	DCL=Sandy Cl	ay Loam, S=Sil	t, SL=Silt Loam,	SCL=Silty Clay	CONTRACTOR OF THE PARTY.	THE RESIDENCE OF THE PARTY OF T	No -
			r	E 227 2				
Stratum	(0%)	Status	% Cover			(100%)		% Cover
				- C-1400 XX-100 - CAU YX VX IA CONDON			S4000000000000000000000000000000000000	35
				A STATE OF THE PARTY OF THE PAR	ulgatum			10
				7570047				25
				8				15 10
				r icia americ	ини		FAC	10
Stratum	(0%)	Status	% Cover					1
				Woody Vi	ine Stratum	(0%)	Status	% Cover
					Н	_		
of dominan	t species F	AC, FACW	or OBL:	50%		Criteria M	ets ·	No
ts:		-,-,-,-,	, 322.	2070				
	8					Determina	tion:	Upland
	Color Matrix Color 10YR 3/2 SDL=Sandy Loa TATION Stratum Stratum	City of Molators: SE/PF Cl Circumstances exist on Atypical Situation? OLOGY Surf. H2O Free H20 >14 Mapped Series: Classification: Matrix Soil Color Texture* 10YR 3/2 SL SDL=Sandy Loam, L=Loam, S TATION Stratum (0%) Of dominant species F.	Color Texture* SDL=Sandy Loam, L=Loam, SDCL=Sandy Classification TATION Stratum (0%) Status SE/PF I Circumstances exist on this site? Atypical Situation? Inches Inches Aloha silt I Classification: Aquic Xero Aquic Xero Color Texture* TATION Stratum (0%) Status Of dominant species FAC, FACW	County: Tors: SE/PF Township: It Circumstances exist on this site? Yes Atypical Situation? No OLOGY Inches Surf. H2O Inches Saturation >14 Inches Saturation >14 Inches Sediment Inches Classification: Aquic Xerochrepts Mapped Series: Aloha silt loam Classification: Aquic Xerochrepts Matrix Soil Redox Concentr Color Texture* Color abundance 10YR 3/2 SL SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Sil TATION Stratum (0%) Status % Cover Stratum (0%) Status % Cover	City of Molalla tors: SE/PF Township: 5S Il Circumstances exist on this site? Yes Is the area a part of the primary Indicated Sat. in Upper 12" Surf. H2O Inches Water Marks Free H20 > 14 Inches Drift Lines Saturation > 14 Inches Sediment Deposits Drainage patterns Mapped Series: Aloha silt loam Classification: Aquic Xerochrepts Drainage patterns Matrix Soil Redox Concentrations Color Texture* Color abundance/size/contrast 10YR 3/2 SL SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, Festuca arun Cerastium vi Poa annua* Alopecurus procession of the procession of the poa annua procession	City of Molalla County: Clackamas Tors: SE/PF Township: 5S Range: Circumstances exist on this site? Atypical Situation? Clackamas Township: 5S Range: Township: 5S Range: I Circumstances exist on this site? Atypical Situation? Primary Indicators Inundated Sat. in Upper 12" Water Marks Drift Lines Saturation >14 Inches Sediment Deposits Drainage patterns Mapped Series: Aloha silt loam Classification: Aquic Xerochrepts Matrix Color Texture* Color Texture* Color SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay STATION Stratum (0%) Status % Cover Herbaceous Stratum Poa annua* Alopecurus pratensis Vicia americana Woody Vine Stratum Woody Vine Stratum Of dominant species FAC, FACW, or OBL: 50%	City of Molalla County: Clackamas Date:	City of Molalla County: Clackamas Date: S/



County: Clackamas Date: S/1/01					Onsite				Tabitat Sei	
Any estigators: SE/PF Township: 58 Range: 2E Section: 7 Township: 58 Range: 2E Section: 7 Township: 58 Range: 2E Section: 7 No No Sthis an Atypical Situation? No Primary Indicators Inundated Sat. in Upper 12" Yes H20-stained leaves Depth of Surf. H2O Inches Sediment Deposits Drainage patterns Depth to Saturation 0 Inches Sediment Deposits Drainage patterns Classification: Aquic Xerochrepts Drainage Class: somewhat poorly drained Other Hydric Soil? Color Texture* Color abundance/size/contrast 10YR 4/6 few, coarse, distinct Depth SD-Sand, SDL-Sandy Loam, L-Loam, SDCL-Sandy Clay Loam, S-Silt, SL-Silt Loam, SCL-Silty Clay Loam, CL-Clay Loam, CL-Clay VEGETATION Tree Stratum (0%) Status % Cover Woody Vine Stratum (0%) Status % Cover	Project:		Molall	a LWI	Number: 2250			Sample Site BC-1A-19		
No Normal Circumstances exist on this site? Yes Is the area a potential Problem Area? No	Applican	t: <u>C</u>	ity of Mola	alla	County:	Clack	kamas	Date:	5/	1/01
Primary Indicators	Investiga	tors:	SE/PF		Township:	5S	Range:	2E	Section:	7.
Primary Indicators Secondary Indicators Ox. rhizospheres Yes Sat. in Upper 12" Yes H20-stained leaves Ves H20-s	Do Norma	al Circumstan	ces exist on	this site?	Yes	Is the area a p	otential Probl	em Area?		No
Inundated Sat. in Upper 12" Yes H2D-stained leaves Yes Pepth of Surf. H2O Inches Water Marks Local Soil Survey H2D-stained leaves Pepth to Free H2O 6 Inches Drift Lines FAC Neutral Test Other	Is this an .	Atypical Situa	ition?		No			(imp		
Sat. in Upper 12" Ves H20-stained leaves Local Soil Survey Depth to Free H20 6 Inches Depth to Saturation 0 Inches SOILS Mapped Series: Aloha silt loam Classification: Aquic Xerochrepts Drainage patterns Drainage Class: Somewhat poorly drained Depth Matrix Drainage Class: Somewhat poorly drained Depth Matrix Dolor Depth Matrix Dolor Depth Matrix Dolor Depth Matrix Soil Redox Concentrations Drainage Class: Somewhat poorly drained Depth Matrix Dolor Depth Matrix Soil Redox Concentrations Drainage Class: Somewhat poorly drained Directly Soil Field Indicators Dolor Depth Matrix Dolor Depth Matrix Soil Redox Concentrations Drainage Class: Somewhat poorly drained Directly Soil Field Indicators Dolor Depth Matrix Dolor Drainage Class: Somewhat poorly drained Directly Soil Field Indicators Drainage Class: Somewhat poorly drained Depth Matrix Drainage Class: Somewhat poorly drained Depth			9480		P	rimary Indica	tors	Seco	ndary Indic	ators
Depth of Surf. H2O Inches Water Marks Local Soil Survey FAC Neutral Test Other	HYDR	OLOGY	ē		Inundated			Ox. rhizosp	heres	Yes
Depth to Free H20	n.				Sat. in Upper 12" Yes H20-stained				d leaves	
Solition Saturation O Inches Drainage patterns Yes Other	_			Inches	ALCOHOLOGICA CONTRACTOR OF CONTRACTOR					
Drainage patterns Yes Griferia Met: Yes Yes	and the state of the state of				Personal management		al Test			
Column	Depth to	Saturation	0	Inches	1		i i	The second secon		MATERIAL PARTY AND ADDRESS OF THE PARTY AND AD
Classification: Aquic Xerochrepts Drainage Class: somewhat poorly drained					Drainage p	atterns	Yes	Criteria M	et:	Yes
Classification: Aquic Xerochrepts Drainage Class: somewhat poorly drained	COTT	N/	and Carrie	A1_11_1		**				
Depth Matrix Color Redox Concentrations Other Hydric Soil Texture* Color abundance/size/contrast Field Indicators Comments	SOILS						•			drained
Color Texture* Color abundance/size/contrast Field Indicators Comments	Depth								T poorly	urained
O-4 10YR 5/3 5Y 4/1 SL 10YR 4/6 few, coarse, distinct SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, C=Clay Loam, C=Clay Yes VEGETATION Tree Stratum (0%) Status % Cover Epilobium watsonii Raumex crispus Alopecurus geniculatus* OBL 75 Eleocharis ovata OBL 5 Juncus effusus FACW 10 Shrub Stratum (0%) Status % Cover Woody Vine Stratum (0%) Status % Cover Parcent of dominant species FAC, FACW, or OBL: 100% Criteria Met: Yes								Com	ments .	
SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay Criteria Met:						***************************************				
VEGETATION Tree Stratum (0%) Status % Cover Herbaceous Stratum (100%) Status % Cover Epilobium watsonii FACW- 5 Rumex crispus alopecurus geniculatus* OBL 75 Eleocharis ovata Juncus effusus FACW 10 Shrub Stratum (0%) Status % Cover Woody Vine Stratum (0%) Status % Cover OBL: 100% Criteria Met: Yes Percent of dominant species FAC, FACW, or OBL: 100% Criteria Met: Yes ONL 75 Comments: Yes	4-14	5Y 4/1	SL							
VEGETATION Tree Stratum (0%) Status % Cover Herbaceous Stratum (100%) Status % Cover Epilobium watsonii FACW- 5 Rumex crispus alopecurus geniculatus* OBL 75 Eleocharis ovata Juncus effusus FACW 10 Shrub Stratum (0%) Status % Cover Woody Vine Stratum (0%) Status % Cover OBL: 100% Criteria Met: Yes Percent of dominant species FAC, FACW, or OBL: 100% Criteria Met: Yes ONL 75 Comments: Yes							N			
VEGETATION Tree Stratum (0%) Status % Cover Herbaceous Stratum (100%) Status % Cover Epilobium watsonii FACW- 5 Rumex crispus alopecurus geniculatus* OBL 75 Eleocharis ovata Juncus effusus FACW 10 Shrub Stratum (0%) Status % Cover Woody Vine Stratum (0%) Status % Cover OBL: 100% Criteria Met: Yes Percent of dominant species FAC, FACW, or OBL: 100% Criteria Met: Yes ONL 75 Comments: Yes										
Tree Stratum (0%) Status % Cover Herbaceous Stratum (100%) Status % Cover Epilobium watsonii Rumex crispus Alopecurus geniculatus* OBL 75 Eleocharis ovata OBL 5 Juncus effusus FACW 10 Shrub Stratum (0%) Status % Cover Woody Vine Stratum (0%) Status % Cover OBL: 100% Criteria Met: Yes Comments:	*SD=Sand,	SDL=Sandy Loa	ım, L≃Loam, S	DCL=Sandy Cl	ay Loam, S=Si	lt, SL=Silt Loam,	SCL=Silty Clay		Annual Control of the Owner, where the Party of the Owner, where the Owner, where the Owner, where the Owner,	Name and Address of the Owner, where the Owner, which is the Owner, where the Owner, which is the Owner, where the Owner, which is the Owner, whi
Tree Stratum (0%) Status % Cover Herbaceous Stratum (100%) Status % Cover Epilobium watsonii Rumex crispus FAC+ 2 Alopecurus geniculatus* OBL 75 Eleocharis ovata Juncus effusus FACW 10 Shrub Stratum (0%) Status % Cover Woody Vine Stratum (0%) Status % Cover Woody Vine Stratum (0%) Status % Cover Stratum (0%) Status % Cover Woody Vine Stratum (0%) Status % Cover Wood								Criteria M	et:	Yes
Epilobium watsonii Rumex crispus Alopecurus geniculatus* Eleocharis ovata Juncus effusus Shrub Stratum (0%) Status % Cover Woody Vine Stratum (0%) Status % Cover Woody Vine Stratum (0%) Status % Cover Comments:	VEGE	TATION		\			1900	47000		
Rumex crispus Alopecurus geniculatus* Eleocharis ovata Juncus effusus Woody Vine Stratum (0%) Status % Cover Woody Vine Stratum (0%) Status % Cover Percent of dominant species FAC, FACW, or OBL: 100% Criteria Met: Yes Comments:	Tree	Stratum	(0%)	Status	% Cover	Herbaceou	ıs Stratum	(100%)	Status	% Cover
Alopecurus geniculatus* Eleocharis ovata Juncus effusus Shrub Stratum (0%) Status % Cover Woody Vine Stratum (0%) Status % Cover Woody Vine Stratum (0%) Status % Cover Percent of dominant species FAC, FACW, or OBL: 100% Oriteria Met: Yes Comments:										l .
Shrub Stratum (0%) Status % Cover Woody Vine Stratum (0%) Status % Cover Woody Vine Stratum (0%) Status % Cover Percent of dominant species FAC, FACW, or OBL: 100% Criteria Met: Yes Comments:									0.00110.000.000.00	E 78.00
Shrub Stratum (0%) Status % Cover Woody Vine Stratum (0%) Status % Cover Woody Vine Stratum (0%) Status % Cover Percent of dominant species FAC, FACW, or OBL: 100% Criteria Met: Yes Comments:										
Shrub Stratum (0%) Status % Cover Woody Vine Stratum (0%) Status % Cover Percent of dominant species FAC, FACW, or OBL: 100% Criteria Met: Yes Comments:		*	1			1			1	
Woody Vine Stratum (0%) Status % Cover Percent of dominant species FAC, FACW, or OBL: 100% Criteria Met: Yes Comments:						Juncus effusi	us		FACW	10
Woody Vine Stratum (0%) Status % Cover Percent of dominant species FAC, FACW, or OBL: 100% Criteria Met: Yes Comments:	Shrub	Stratum	(0%)	Status	% Cover		¥			
Percent of dominant species FAC, FACW, or OBL: 100% Criteria Met: Yes	SHIUD	Guatum	(0/0)	Status	70 COVE	1				
Percent of dominant species FAC, FACW, or OBL: 100% Criteria Met: Yes						Woody Vi	ine Stratum	(0%)	Status	% Cover
Comments:										
Comments:			*							8
Comments:			- 11							
Comments:	*Percent	of dominan	t species F.	AC, FACW	, or OBL:	100%	(1)	Criteria M	et:	Yes
Determination: Wetland										
Determination: Wetland		<i>\psi\</i>						<u></u>		
2017年1月1日 1月1日 日本日本日本日本日本日本日本日本日本日本日本日本日本日本日本日本日本日本日			3					Determina	tion:	Wetland



18			Koutin	e Onsite	Method		Pacific	Habitat Ser	vices, Inc
Project:		Molall	a LWI	Number: 2250			Sample Site BC-		1B-20
Applican	it: (City of Mola	alla	County:	Clack	kamas	Date:	5/	1/01
Investiga	itors:	SE/PF		Township:	5 S	Range:	2E	Section:	7
Do Norm	al Circumstar	nces exist on	this site?	Yes	Is the area a p	otential Prob	lem Area?		No
Is this an	Atypical Situ	ation?		No	877				
				P	rimary Indica	tors	Sec	ondary Indic	ators
HYDE	ROLOGY			Inundated			Ox. rhizospheres		
				Sat. in Upp		H20-staine			
	Surf. H2O		Inches	35000 10 0000 0000 000 000 000 000 000 00			Local Soil		
	Free H20	0.10	Inches	Drift Lines			FAC Neuti	ral Test	
Depth to	Saturation	0-10	Inches	Sediment I	1.00	- -	Other	25 - Aggres 14 - 17 (20)	RANGE OF THE PARTY
				Drainage p	atterns	Yes	Criteria N	Alets	Yes
SOILS	Man	ned Series:	Wanata sil	ty clay loam	, 10	ydric Soil?:		Yes	
SOILS	T (-		tic Endoaqu		inage Class:		oorly draine	ed.
Depth	Matrix	Soil					ydric Soil	Joorry drams	- Land
(Inches)	Color	Texture*	Color	abundane	e/size/contrast		ndicators	Com	ments
0-10	10YR 3/1	SCL	SUTTO-CONTES - CONTES		******				
10-15	10YR 3/1	SC	10YR 4/6	few, mediu	m, faint				
*CD_Cand	CDI -Condu I o		DCI =So-du C	lau I aam C-Cil	t CI -Cilt I com	SCI –Siltu Clau	Learn CI -Cla	I som C-Clou	
SD-Sand,	SDL-Saildy Lo	am, L-Loam, S	DCL-Sandy C	iay Loam, 3–31	lt, SL=Silt Loam,	SCL=Silly Clay	Criteria N		Yes
	-							1000	
	ETATION_	(200/)	Status	0/ Carran	Hawkassa	C44	(709/)	Ctatus	9/ Corre
	Stratum latifolia*	(30%)	Status FACW	% Cover 100	Veratrum ca	us Stratum	(70%)	Status FACW+	% Cove
Гихіпиз	iaijona		FACW	100	Glyceria ela	•		FACW+	50
					Rumex crisp			FAC+	2
				Carex deweyana				FACU	5
					,				
							*		
Shrub	Stratum	(0%)	Status	% Cover					
									100000
					Woody V	ine Stratum	(0%)	Status	% Cove
597			1		á				1
		······		1	l				
*Percent	of dominar	it species F.	AC, FACW	, or OBL:	100%		Criteria N	let:	Yes
Commen									
							Determina	ation:	Wetland



			Routine	e Onsite	Method		Pacific 1	Habitat Sei	rvices, Inc	
Project:	3400-0400-010	Molal	la LWI	Number: 2250			Sample Site BC-1C-2		1C-21	
Applican	t:	City of Mola	alla	County:	Clack	camas	Date:	6/	6/01	
Investiga	tors:	SE/PF		Township:	: 5S	Range:	2E	Section:	7	
Do Norma	al Circumst	ances exist on	this site?	Yes	Is the area a p	otential Prob	lem Area?		No	
	Atypical Si			No					0400.40	
			(SID-0/:==//"		rimary Indica	tore	Seco	ndary Indic	rators	
HYDE	OLOGY			Inundated			Ox. rhizosp	Yes		
	10.20.01							H20-stained leaves		
Depth of	Surf. H2O		Inches				Local Soil S	Survey		
	Free H20	>12	Inches	Drift Lines	i		FAC Neutr			
Depth to	Saturation	>12	Inches	Sediment I	Deposits		Other	CONTROL OF SERVICE CONTROL	4	
			55	Drainage p	atterns	Yes	Criteria M	et: ***	Yes	
	I i					The state of the s	Bit a system to 1 or Clark to obtain the series of any			
SOILS	Ma	pped Series:	Aloha silt l	loam	Н	ydric Soil?:		No		
		lassification:				inage Class:	somew	hat poorly	drained	
Depth	Matrix			x Concentr	ations		ydric Soil	ľ		
(Inches)	Color	Texture*			e/size/contrast		ndicators	Com	ments	
0-12	10YR 4/	1 SCL	10YR 3/4	common, n	nedium, distin	ct I				
		1								
								, 16		
*SD=Sand	SDI =Sandy I	oam I =I oam S	DCI =Sandy Cl	lav Loam S=Si	lt, SL=Silt Loam,	SCI =Silty Clay	Loam CL=Clay	Loam C=Clar	· · · · · · · · · · · · · · · · · · ·	
ob baild,	ODE Calley I	Journ, D. Louin, O	DCL bailty Ci	lay Edam, o or	it, or our roam,	och only clay	Criteria M		Yes	
- Imar	T A TIVON						Barbara de la companya della company			
	CTATION		Ctatus	0/ Cover	T 771	644	(909/)	Ctatus	0/ Carra	
1 ree	Stratum	(0%)	Status	% Cover	Herbaceou Holcus lanat		(80%)	Status FAC	% Cove	
					Festuca arun			FAC-	15	
					Juncus effusi			FACW	35	
					Carex stipate			OBL	25	
					Poa trivialis			FACW	5	
					1 ou muns			I'AC''	~	
Shruh	Stratum	(15%)	Status	% Cover	1					
	latifolia*	(-0,0)	FACW	70	1					
	purshiana		FAC-	10	Woody Vi	ine Stratum	(5%)	Status	% Cove	
	ouglasii*		FACW	20	Rubus discol			FACU	100	
•									0.450,450,00° (
		4.000			lean-signatur - syriisi				-	
	18 VOIE 15 VO	No est to est		**************************************	_Magazasa					
*Percent	of domina	ant species F	AC, FACW	, or OBL:	83%		Criteria M	et:	Yes	
Commen	ts:									
							Determina	tion:	Wetlan	



			Noutine	e Onsite	Memon		Pacific I	Iabitat Sei	rvices, inc.	
Project:	7 (2)	Molali	a LWI	Number: 2250			Sample Site BC-1C-22		1C-22	
Applican	t: C	ity of Mola	ılla	County:	Clack	kamas	Date:	6/	6/01	
Investiga	tors:	SE/PF		Township:	5 S	Range:	2E	Section:	7	
Do Norma	l Circumstan	ces exist on	this site?	Yes	Is the area a p	ootential Prob	lem Area?		No	
Is this an A	Atypical Situa	tion?		No						
Depth of S Depth to I	HYDROLOGY Depth of Surf. H2O Inches Depth to Free H20 >16 Inches Depth to Saturation >16 Inches			Inundated Sat. in Upp Water Mar Drift Lines	Sat. in Upper 12" H20 Water Marks Loc Drift Lines FAG			Secondary Indicators Ox. rhizospheres H20-stained leaves Local Soil Survey FAC Neutral Test		
Depth to	Satul ation	>10	Inches				Other Criteria M		No.	
SOILS Mapped Series: Aloha silt loam Hydric Soil?: No Classification: Aquic Xerochrepts Drainage Class: somewhat poorly drained										
VEGE	TATION	71 072			it, SL=Silt Loam,		Criteria M	et:	No.	
Tree	Stratum	(0%)	Status	% Cover	Herbaceou		(100%)	Status	% Cover	
					Festuca arundinacea* Holcus lanatus Agrostis tenuis*			FAC- FAC FAC	70 10 20	
Shrub	Stratum	(0%)	Status	% Cover						
					Woody V	ine Stratum	(0%)	Status	% Cover	
*Percent Commen	of dominan ts:	t species F.	AC, FACW	, or OBL:	50%		Criteria M		No V	



			Routine	Onsite	Method		Pacific I	Habitat Sei	vices, Inc.
Project:		Molal	la LWI	19	Number:	2250	Sample Site BC-2		2A-23
Applican	t: Ci	ity of Mola	alla	County:	Clack	amas	Date:	4/1	8/01
Investiga	tors:	SE/FS		Township:	5S	Range:	2E	Section:	7
Do Norma	al Circumstano	es exist on	this site?	Yes	Is the area a p	otential Prob	lem Area?	Y	No
Is this an	Atypical Situa	tion?		No					
		11		Pı	rimary Indica	tors	Seco	ndary Indic	ators
HYDR	OLOGY			Inundated			Ox. rhizospheres		
54				Sat. in Upp	er 12"	Yes	H20-stained	l leaves	
Depth of	Surf. H2O		Inches	Water Marks Local Soil Survey					
Depth to		9	Inches	Drift Lines FAC Neutral Test					
Depth to	Saturation	5	Inches	Sediment I	Deposits		Other		
	essues estate			Drainage p	atterns	Yes	Criteria M	et: Fall	Yes
COTT	17		***					37	
SOILS			Wapato silt	5		ydric Soil?:		Yes	-1
Depth	Matrix	Soil	Fluvaquent	x Concentr		inage Class:	ydric Soil	oorly drain	ea
(Inches)	Color	Texture*			e/size/contrast		ndicators	Com	ments
0-10	2.5Y 2.5/1	SL			nedium, distin		aurento 15	refused at	
			10YR 3/6		· · · · · · · · · · · · · · · · · · ·			due to larg	
				T.			At .	G	
		-			15	1 × 2	10.00.00.00.00		
*SD=Sand,	SDL=Sandy Loan	m, L=Loam, S	DCL=Sandy Cl	ay Loam, S=Sil	t, SL=Silt Loam,	SCL=Silty Clay			THE RESERVE THE PERSON NAMED IN COLUMN
				***************************************			Criteria M	et: 4	-Yes
VEGE	TATION								1
Tree	Stratum	(0%)	Status	% Cover			(100%)	Status	% Cove
					Phalaris aru			FACW	45
					Galium apar			FACU	5
				E	Cardamine o	0 1		FAC	10 5
					Lamium purp Impatiens no			UPL FACW	25
					Conium mac	_		FAC+	10
Shrub	Stratum	(0%)	Status	% Cover	Contain mac	nuun		I AC	10
Shide	~~~	(0/0)	-	70 50.01					
					Woody Vi	ine Stratum	(0%)	Status	% Cove
		×							
						727		L	
*Percent	of dominan	t species F	AC, FACW	, or OBL:	100%		Criteria M	et:	Yes
Commen	ts:								
							Determina	tion:	Wetland



Routine Unsite Method Pacific Habitat Services, Inc.									
Project:		Molali	a LWI		Number:	2250	Sample Sit	e BC-	2A-24
Applican	t: (City of Mola	alla	County:	Clac	kamas	Date:	4/1	8/01
Investiga	tors:	SE/FS		Township:	5 S	Range:	2E	Section:	7
Do Norma	ıl Circumsta	nces exist on	this site?	Yes	Is the area a	potential Prob	lem Area?		No
Is this an	Atypical Situ	ation?		No	W	•			
HYDROLOGY Depth of Surf. H2O Inches Depth to Free H20 >14 Inches			Inches Inches Inches	Primary Indicators Inundated Sat. in Upper 12" Water Marks Drift Lines Sediment Deposits Drainage patterns			Secondary Indicators Ox. rhizospheres H20-stained leaves Local Soil Survey FAC Neutral Test Other Griferial Met.		
SOILS Mapped Series: Wapato silty clay loam Hydric Soil?: Yes Classification: Fluvaquentic Endoaquolls Drainage Class: poorly drained Depth Matrix Soil Redox Concentrations Other Hydric Soil (Inches) Color Texture* Color abundance/size/contrast Field Indicators Comments 0-14 10YR 2/1 L gravelly, well drain								ments	
VEGE	TATION					, SCL=Silty Clay	Criteria N	let:	Yes
	Stratum	(40%)	Status	% Cover		us Stratum	(50%)	Status	% Cove
Fraxinus	latifolia*		FACW	100	Dactylis glo			FACU	30
					Alopecurus			FACW	20
				le .	Galium apa			FACU	20
					Lamium pur			UPL	5
					Agrostis ten Taraxacum			FAC FACU	20 3
Chank	Stratum	(5%)	Status	% Cover		ojjicinate oligosperma		FAC	2
	s monogyno		FACU+	100	Caraamine	ougospermu		IAC	_
Characga	onogym	•	Inco	100	Woody V	ine Stratum	(5%)	Status	% Cove
					Rubus disco		(0/0)	FACU	100
						vontei [©]			
					¥				
*Percent	of domina	nt species F	AC, FACV	V, or OBL:	43%	ó	Criteria M	let:	≓ ÷ Nö∵
Commen					n immediatel	y beyond fen	ce above cre	eek	
							Determina	ition:	Upland
									CHARLES THE STATE OF



			Routin	e Onsite	Method		Pacific I	Habitat Sei	vices, Inc.	
Project:		Molall	a LWI		Number:	2250	Sample Site	Sample Site BC-2B-2		
Applican	t: C	ity of Mola	ılla	County:	Clack	kamas	Date:	4/1	8/01	
Investiga	tors:	SE/FS	750 V V	Township:	5 S	Range:	2E	Section:	7	
Do Norm	al Circumstano	ces exist on	this site?	No	Is the area a p	ootential Prob	lem Area?		No	
Is this an	Atypical Situa	tion?		Yes	e	,				
				P	rimary Indica	tors	Seco	ndary Indic	ators	
HYDE	ROLOGY			Inundated			Ox. rhizosp	heres	Yes	
				Sat. in Upper 12" Yes			H20-stained	i leaves		
	Surf. H2O		Inches	Water Mar	Water Marks Local Soil Survey					
Depth to		3	Inches		Drift Lines FAC Neutral Test					
Depth to	Saturation	0	Inches	Sediment Deposits Other						
				Drainage p	atterns		Criteria M	eter er er	+/- Yes	
SOILS	N/	ad Carlass	Wencte e'l	to alas las	. T1	fridala Callo		V		
SULLS			•	ty clay loam tic Endoaqu		lydric Soil?: inage Class:		Yes oorly drain	-d	
Depth	Matrix	Soil Soil		x Concentr	The second second		ydric Soil		zu	
(Inches)	Color	Texture*	Color		e/size/contrast		ndicators	Com	ments	
0-6	10YR 2/2	SDL					594111	with grave		
6-12	2.5Y 3/2	SDL						with cobbles		
						97 (682				
*SD=Sand,	SDL=Sandy Loa	m, L=Loam, S	DCL=Sandy C	lay Loam, S=Sil	lt, SL=Silt Loam,	SCL=Silty Clay				
							Criteria M	et: 4	N/A	
VEGE	ETATION									
	Stratum	(10%)	Status	% Cover		us Stratum	(65%)	Status	% Cover	
Populus i	trichocarpa*		FAC	100	Phalaris aru	ındinacea*		FACW	100	
								1		
Shruk	Stratum	(20%)	Status	% Cover						
	richocarpa*		FAC	100	1					
parasi		9		100	Woody V	ine Stratum	(5%)	Status	% Cover	
	2				Rubus disco			FACU	100	
							S4			
3 5 18 6 5 1										
*Percent	of dominan	t species F	AC, FACV	V, or OBL:	75%		Criteria M	et:	Yes	
Commen				- Indiana	disturbed for					
	10	2222	NA 15- 22		the soil is pre					
		hydric ind			E CO		Determina		Wetland	



			Routing	e Onsite	Method		Pacific 1	Habitat Sei	rvices, Inc	
Project:		Molal	la LWI		Number:	2250	Sample Site BC-2E		2B-26	
Applican	t: C	ity of Mola	alla	County:	Clac	kamas	Date:	4/1	8/01	
Investiga	tors:	SE/FS	comestwa e a a	Township:	5 S	Range:	2E	Section:	7	
Do Norma	l Circumstan		this site?	Yes	Is the area a	potential Prob	lem Area?	1	No	
AND THE REAL PROPERTY.	Atypical Situa		3	No						
	-71-				rimary Indica	tors	Seco	ndary India	eators	
HYDR	OLOGY			Primary Indicators Inundated			Secondary Indicators Ox. rhizospheres			
11111	OLOGI			8				120-stained leaves		
Depth of	Surf. H2O		Inches	Water Marks Local Soil Survey						
Depth to		>14	Inches	Drift Lines FAC Neutral Test						
	Saturation	>14	Inches	Sediment I			Other			
			75	Drainage patterns Grife stable				leik .	No.	
— — — — — — — — — — — — — — — — — — —				0 1			Annual National Conference of the Conference of	TO THE PERSON NAMED IN COLUMN TO THE		
SOILS	Mapp	ed Series:	Wapato sil	ty clay loan	ı F	Iydric Soil?:		Yes		
	Clas	sification:	Fluvaquent	tic Endoaqu	olls Dra	inage Class:	р	oorly drain	ed	
Depth	Matrix	Soil		x Concentr	ations		ydric Soil			
(Inches)	Color	Texture*	Color	abundanc	e/size/contrast	Field I	ndicators	Com	ments	
0-4	10YR 2/1	SL						.,		
4-14	10YR 2/1	SL						gravelly		
*SD=Sand	SDI =Sandy I oa	ım I=Loam S	DCI =Sandy C	lav Loam S=Si	lt, SL=Silt Loam,	SCI =Silty Clay	Loam CI =Clay	Loam C=Clay	v	
3D-3aid,	SDL-Saidy Loa	in, D-Loan, o	DCD-Salidy C	lay Loani, 5–5i	it, ob-ont boain,	SCL-Sitty Clay	Criteria M		Yes	
VECE	TATION								CHUL YA CE MEN A	
	TATION Stratum	(55%)	Status	% Cover	Harbaceo	us Stratum	(30%)	Status	% Cove	
	richocarpa*		FAC	50	Dactylis glo		(3070)	FACU	70	
	garryana*		UPL	20	Galium apa			FACU	10	
Fraxinus			FACW	10	Festuca aru			FAC-	20	
	iga menziesi	i*	FACU	20	l comed and					
1 000000	Su menziesi		11100							
Shrub	Stratum	(10%)	Status	% Cover						
Populus t	richocarpa*		FAC	30						
Crataegu	s monogyna*	k	FACU+	30	Woody V	ine Stratum	(5%)	Status	% Cove	
Amelanch	ier alnifolia		FACU	10	Rubus disco	lor*		FACU	100	
Oemleria	cerasiformis	3	FACU	10						
Ilex aquif	olium		UPL	10				l		
		7 2 V		T 2-12-12-	0.20.00.20		P-270	700 100 100		
	of dominan	t species F	AC, FACW	, or OBL:	25%)	Criteria M	et:	No	
Commen	ts:									
							Determina	tion:	Upland	



			Routine	e Onsite	Method		Pacific H	Iabitat Ser	vices, Inc
Project:		Molall	a LWI		Number:	2250	Sample Site BC-		3B-27
Applican	t: C	ity of Mola	lla	County:	Clack	kamas	Date:	4/1	8/01
Investiga	tors:	SE/FS		Township:	5S	Range:	2E	Section:	7
Do Norma	al Circumstan	ces exist on	this site?	Yes	Is the area a p	otential Prob	lem Area?		No
Is this an	Atypical Situa	ation?		No					
9	*			Pı	rimary Indica	tors	Secon	ndary Indic	ators
HYDR	OLOGY	(8)		Inundated Yes			Ox. rhizospheres		
				Sat. in Upper 12" Yes			H20-stained	l leaves	
Depth of	Surf. H2O	1	Inches	Water Marks Local So				urvey	
Depth to	Free H20	0	Inches	Drift Lines			FAC Neutra	al Test	
Depth to	Saturation	0	Inches	Sediment D	Deposits		Other		
				Drainage p	atterns	Yes	Criteria M	et:	Yes
COILC	Man		D	1		1 . 1 . 0 . 110 .		**	
SOILS		ped Series: ssification:				(ydric Soil?: inage Class:		Yes	1
Depth	Matrix	Soil Soil		x Concentr			ydric Soil	oorly draine	a
(Inches)	Color	Texture*	Color		e/size/contrast	-	ndicators	Com	ments
0-9	10YR 3/2	SL	100000000000000000000000000000000000000	common, fi		T ACAG A	<u>Idicators</u>	Com	ments
9-14	10YR 3/1	SCL	THE COST OF THE PARTY OF THE PA		nedium, distin	ct			
				\$ (1)	nedium, promi				
Live Line				Antipolica i antipolicani					
*SD=Sand,	SDL=Sandy Loa	am, L=Loam, S	DCL=Sandy Cl	ay Loam, S=Sil	t, SL=Silt Loam,	SCL=Silty Clay	Loam, CL=Clay		
	anne estab						Criteria M	et:	Yes
VEGE	TATION	0							
	Stratum	(0%)	Status	% Cover	Herbaceou	ıs Stratum	(100%)	Status	% Cove
					Alopecurus p	pratensis*		FACW	20
					Anthoxanthu	m odoratum	*	FACU	20
					Festuca arui	ndinacea		FAC-	10
					Lotus cornic	ulatus		FAC	10
					Festuca rubi	ra*		FAC+	20
					Ranunculus	repens		FACW	5
Shrub	Stratum	(0%)	Status	% Cover	Montia linea			NI	10
					Hypochaeris		(CONTRACTOR OF THE CONTRACTOR	FACU	2
		2:			Woody V	ine Stratum	(0%)	Status	% Cove
		10							
						*)			1
				L					
*Percent	of dominan	t snecies F	AC FACW	or OBL:	67%		Criteria M	eft.	Yes
Commen		e species I'	ic, i Ac II	, or ODL.	07.70		Contestant.		
Commen									8
							Determinat	tion.	Wetlan
							Deter unitat	る大学と対する	ctian



			Routine	Onsite	Method		Pacific I	labitat Ser	vices, Inc.
Project:		Molal	la LWI	Number: 2250			Sample Site BC-3B-28		3B-28
Applican	t: C	ity of Mola	alla	County:	Clack	amas	Date:	4/1	8/01
Investiga	tors:	SE/FS		Township:	5S	Range:	2E	Section:	. 7
Do Norma	l Circumstan	ces exist on	this site?	Yes	Is the area a p	otential Prob	lem Area?		No
Is this an A	Atypical Situa	ation?		No			**************************************		
HYDR Depth of S Depth to 3	OLOGY Surf. H2O	14 >13	Inches Inches Inches	Primary Indicators Inundated Sat. in Upper 12" Water Marks Drift Lines Sediment Deposits			Secondary Indicators Ox. rhizospheres H20-stained leaves Local Soil Survey FAC Neutral Test Other Criteria Met:		
SOILS	Cla	ssification:	Dayton silt	qualfs	Drai	ydric Soil?: nage Class:	pe	Yes oorly draine	ed
Depth (Inches)	Matrix Color	Soil Texture*		x Concentr	ations e/size/contrast	·	ydric Soil ndicators	Com	ments
0-11 11-15	10YR 3/3 2.5Y 5/3	SL SL			nedium, distinc		advetto i	Com	and value
*SD=Sand,	SDL=Sandy Loa	ım, L=Loam, S	DCL=Sandy Cl	ay Loam, S=Sil	t, SL=Silt Loam,	SCL=Silty Clay	Loam, CL=Clay	Loam, C=Clay	,
	1 1100				ettiniality iii.		Criteria M	et:	No.4
VEGE	TATION								1.5
Tree	Stratum	(0%)	Status	% Cover			(100%)	Status	% Cover
					Anthoxanthu		*	FACU	75
					Hypochaeris			FACU FACU	10 5
					Taraxacum o			FACU+	10
		6			Rumex decio	sena		I Acc.	10
Shrub	Stratum	(0%)	Status	% Cover					
					Woody Vi	ne Stratum	(0%)	Status	% Cover
*Percent	of dominan	t species F	AC, FACW	, or OBL:	0%		Criteria M	et:	No. No.
Commen	ts:		0				Determina	tion:	Upland



- 8			Routine	e Onsite	Method		Pacific 1	Habitat Ser	vices, Inc	
Project:		Molall	a LWI		Number:	2250	Sample Site BC-5A-2		5A-29	
Applican	t: (City of Mola	lla	County:	Clac	kamas	Date:	4/1	8/01	
Investiga	tors:	SE/FS		Township:	5 S	Range:	2E	Section:	7	
Do Norma	ıl Circumsta	nces exist on	this site?	Yes	Is the area a	potential Probl	em Area?		No	
	Atypical Situ			No						
					rimary Indic	ators	Seco	ndary Indic	ators	
HYDR	OLOGY			Inundated	mary muc	ators	Ox. rhizosp		ALVIS	
				Sat. in Upp	er 12"	3	H20-stained leaves			
Depth of	Surf. H2O		Inches	Water Mar			Local Soil Survey			
Depth to		4	Inches	Drift Lines	entrer - li D		FAC Neutral Test			
Depth to	Saturation	0	Inches	Sediment I	Deposits		Other	depression	al area	
				Drainage p	atterns	Yes	Criteria M	leti Segreta	Yes	
SOILS		ped Series:				Hydric Soil?:		Yes		
		assification:				ainage Class:		oorly drain	ed	
Depth	Matrix	Soil		x Concentr			ydric Soil		-	
(Inches)	Color	Texture*	Color	abundanc	e/size/contrast	Field II	ndicators	Com	ments	
0-8 8-14	10YR 3/2 10YR 4/2	그 마다 그 그리고 그리고 그리고 그리고 그리고 그리고 그리고 그리고 그리고 그	10VD 3/4	common n	nedium, disti	l not		compact so	s;i1	
0-14	101 K 4/2	SL	101K 3/4	Common, n	iculum, disti	1		compact so)II	
*SD=Sand,	SDL=Sandy Lo	oam, L=Loam, S	DCL=Sandy Cl	ay Loam, S=Sil	lt, SL=Silt Loam	, SCL=Silty Clay	Loam, CL=Clay	Loam, C=Clay	,	
_	-						Criteria M		Yes	
VECE	TATION	319-7	*. *******	NAME OF THE PARTY						
	Stratum	(40%)	Status	% Cover	Herbaceo	us Stratum	(50%)	Status	% Cove	
110,000 - 00,010	latifolia*	(1070)	FACW	100		undinacea*	(5070)	FACW	30	
					Juncus teni			FACW-	30	
			i é		Holcus land			FAC	10	
					Carex dens	a		OBL	5	
					Festuca arı	ındinacea	18	FAC-	10	
					Carex feta			FACW	5	
Shrub	Stratum	(5%)	Status	% Cover	Agrostis ter	ıuis		FAC	5	
Crataegu	s monogyna	7*	FACU+	70		No. of the last transfer of th	- 140 - 140			
Crataegu	s douglasii'	*	FAC	20	Woody	ine Stratum	(5%)	Status	% Cove	
Rhamnus	purshiana		FAC-	10	Rubus disco	olor*		FACU	100	
								1		
				L.,				<u></u> _		
*Downer4	of doi	nt anasies F	AC EACH	l on ODI	(70	,	Cultaria N	Est D		
		nt species F.	AC, FACM	, or OBL:	67%	0	Criteria M	IGIR .	Yes	
Commen	ıs:									
						9	Datases		Wada	
							Determina	MOH:	Wetland	



			Routine	Onsite	Method		Pacific I	Iabitat Ser	vices, Inc	
Project:		Molall	a LWI		Number:	2250	Sample Site BC-5B-3		5B-30	
Applican	t: (City of Mola	ılla	County:	Clack	amas	Date:	4/1	8/01	
Investiga	tors:	SE/FS		Township:	5S	Range:	2E	Section:	7	
Do Norma	l Circumstar	ices exist on	this site?	Yes	Is the area a p	otential Probl	em Area?		No	
Is this an A	Atypical Situ	ation?		No	202					
			3.40		rimary Indica	tors	Seco	ndary Indic	ators	
HYDR	OLOGY			Inundated	AMHA J AMARK	EVAL.	Ox. rhizosp			
				Sat. in Upp	er 12"	Yes	H20-stained leaves			
Depth of	Surf. H2O		Inches	Water Mar	·ks		Local Soil Survey			
Depth to	Free H20	6	Inches	Drift Lines			FAC Neutral Test			
Depth to	Saturation	4	Inches	Sediment I	Deposits		Other			
	086			Drainage p	atterns		Criteria M	et:	y Yes	

SOILS		ped Series:				ydric Soil?:		No		
Depth	Matrix	ssification:		x Concentr		nage Class:	ydric Soil	hat poorly of	irained	
(Inches)	Color	Texture*	Color		e/size/contrast	4	ndicators	Com	ments	
0-9	2.5Y 3/2	SL	Color	abundance	U SIZU COIRT ASC	T TOTAL T	- Idicator 5		incirco	
9-14	2.5Y 3/2	SCL	10YR 4/6	common, n	nedium, distin	ct				
						1				
*SD=Sand,	SDL=Sandy Lo	am, L=Loam, S	DCL=Sandy Cl	ay Loam, S=Sil	lt, SL=Silt Loam,	SCL=Silty Clay				
							Criteria M	et:	Yes	
VEGE	TATION									
Tree	Stratum	(0%)	Status	% Cover	Herbaceou	ıs Stratum	(55%)	Status	% Cove	
1.8%					Juncus tenui	s*		FACW-	40	
					Plantago lan			FAC	30	
					Festuca arur			FAC-	10	
					Chrysanthen		iemum	UPL	10	
					Hypochaeris	radicata		FACU	10	
CI I	C/ /	(450/)	Ctatus	0/ C	}					
	Stratum	(45%)	Status	% Cover	}					
	latifolia*	*	FACW FACU+	25	Woody V	ine Stratum	(0%)	Status	% Cove	
Crataegu Rosa piso	s monogyna	(6)	FACU+	25 50	Woody V	me stratum	(0%)	Status	70 COVE	
Rosa piso	carpa		FAC	30						
					D.					
	-	-		L						
*Percent	of dominar	ıt species F	AC, FACW	or OBL:	80%		Criteria M	et:	Yes	
Commen	ts:									
							Determina	tion:	Wetlan	

PHS

Wetland Determination Data Form Routine Onsite Method

			Routine	e Onsite	Method		Pacific I	Habitat Sei	vices, Inc
Project:	W 4	Molall	a LWI	3.1111111111111111111111111111111111111	Number:	2250	Sample Site BC-6		6A-31
Applican	t:	City of Mola	lla	County:	Clack	kamas	Date:	6/	6/01
Investiga	tors:	SE/PF		Township:	58	Range:	2E	Section:	7
Do Norma	l Circumsta	nces exist on	this site?	Yes	Is the area a	potential Prob	lem Area?		No
	Atypical Sit			No					10.000.000.0
					rimary Indica	itors	Seco	ndary Indic	ators
HYDR	OLOGY			Inundated	IIIIai y IIIIIICe	ttors	Ox. rhizosp	G Parameter Service and a con-	Yes
	02001			Sat. in Upp	er 12"		H20-stained leaves		
Depth of	Surf. H2O		Inches	Water Man			Local Soil Survey		
Depth to 1		>12	Inches	Drift Lines			FAC Neutral Test		
and the same of th	Saturation	>12	Inches	Sediment I	Deposits		Other		
		entra edition		Drainage p	· -	Yes	Criteria M	et:	Yes
			estado la sor			100 000 000 000 000 000 000 000 000 000			
SOILS		pped Series:		5 5		Iydric Soil?		Yes	747
D (1)		assification:				inage Class:		oorly drain	ed
Depth	Matrix Color	Soil Texture*	Color	x Concentr			lydric Soil Indicators	Com	
(Inches) 0-12	10YR 3/2		COUNTY NAME OF THE PARTY	TO SELECT OF THE PARTY OF	e/size/contrast ium, distinct	Field I	ndicators	Com	ments
0-12	10 (10 5/2		7.51 K 5/4	many, med	ium, uistinci				
		1							
		40							
*SD=Sand,	SDL=Sandy L	oam, L=Loam, S	DCL=Sandy Cl	lay Loam, S=Sil	t, SL=Silt Loam,	SCL=Silty Clay	Loam, CL=Clay	Loam, C=Clay	,
_							Criteria M		
VECE	TATION	-lis		- 1000 - 1200 -					
	Stratum	(10%)	Status	% Cover	Herbaceo	us Stratum	(70%)	Status	% Cove
Fraxinus		(1070)	FACW	40	Phalaris ari		(7070)	FACW	50
	garryana*		UPL	60	Galium apai			FACU	5
2 6	, ,				Geranium m			UPL	15
					Vicia sativa			UPL	5
					Carex unila	teralis*		FACW	25
Shrub	Stratum	(15%)	Status	% Cover					Į
Fraxinus	latifolia*		FACW	40					
Crataegus	s monogyn	a	FACU+	5	Woody V	ine Stratum	(5%)	Status	% Cove
Populus ti	richocarpa	*	FAC	55	Rubus disco	lor*		FACU	60
	-				Rubus lacini	iatus*		FACU+	40
								L	
*Percent	of domina	nt species F.	AC, FACW	or OBL:	63%		Criteria M	et:	Yes
Commen	ts:								
							Determina	tion:	Wetlan



			Routine	e Onsite	Memoa		Pacific I	Habitat Sei	vices, Inc.
Project:		Molall	a LWI		Number:	2250	Sample Site	e BC-	6A-32
Applican	t: C	ity of Mola	ılla	County:	Clack	kamas	Date:	6/	6/01
Investiga	tors:	SE/PF		Township:	58	Range:	2E	Section:	7
Do Norma	al Circumstan	ces exist on	this site?	Yes	Is the area a	potential Prob	lem Area?		No
Is this an	Atypical Situa	ition?		No	0.5	12			
(i)	200000000000000000000000000000000000000			P	rimary Indica	itors	Seco	ndary Indic	ators
HYDE	OLOGY			Inundated		Hallower Code.	Ox. rhizosp		Yes
15				Sat. in Upp	er 12"		H20-stained	l leaves	
Depth of	Surf. H2O	15	Inches	Water Mar	·ks		Local Soil S	Survey	
Depth to	Free H20	>12	Inches	Drift Lines			FAC Neutra	al Test	
Depth to	Saturation	>12	Inches	Sediment I	Deposits		Other		
				Drainage p	atterns	Yes	Criteria M	et:	#XYes
			10000	1 2 2	722				
SOILS	7.7			ty clay loam		Iydric Soil?:		Yes	
Donath		Soil Soil		tic Endoaqu		inage Class:		oorly drain	ed
Depth (Inches)	Matrix Color	Texture*	Color	T	e/size/contrast		ydric Soil ndicators	Com	ments
0-5	10YR 2/1	SL	COLOT	abundance	e/size/contrast	Field	nuicator 5	Com	ments
5-12	10YR 2/1	SCL	10YR 3/6	many, med	ium, distinct				
				, , , , , , , , , , , , , , , , , , , ,	,	1	×		
				100000000000000000000000000000000000000					
*SD=Sand,	SDL=Sandy Loa	am, L=Loam, S	DCL=Sandy C	lay Loam, S=Sil	lt, SL=Silt Loam,	SCL=Silty Clay	Loam, CL=Clay	Loam, C=Clay	/
					1000		Criteria M	et:	Yes
VEGE	TATION								
Tree	Stratum	(45%)	Status	% Cover	Herbaceo	us Stratum	(30%)	Status	% Cover
Fraxinus	latifolia*		FACW	100	Phalaris arı	ındinacea		FACW	5
					Myosotis lax	ca*		OBL	30
					Holcus lana	tus		FAC	15
				ţ.	Rumex crisp	nus		FAC+	5
					Poa trivialis			FACW	15
					Callitriche s	tagnalis*	. 0.	OBL	30
	Stratum	(20%)	Status	% Cover					
Fraxinus	latifolia*		FACW	100			/ =0:		0/ 5
						ine Stratum	(5%)	Status	% Cover
					Rubus disco			FACU	90
			*		Solanum du	icamara		FAC+	10
		- 3	27782						
*Percent	of dominan	t species F	AC, FACV	, or OBL:	80%		Criteria M	et:	Yes
Commen	ts:			9 10 10 10 10 10 10 10 10 10 10 10 10 10					W-list
	WALL STATE OF THE						Determina	tion:	Wetland



			Routine	e Ousite	Memou		Pacific	Habitat Ser	vices, Inc	
Project:		Molal	la LWI		Number:	2250	Sample Sit	te BC-	6B-33	
Applican	t: C	ity of Mola	alla	County:	Clack	amas	Date:	6/	6/01	
Investiga	tors:	SE/PF	140000	Township:	58	Range:	2E	Section:	7	
Do Norma	al Circumstan	ces exist on	this site?	Yes	Is the area a p	otential Prob	lem Area?		No	
Is this an	Atypical Situa	ation?		No						
				P	rimary Indicat	tors	Seco	ondary Indic	ators	
HYDR	OLOGY			Inundated	· · · · · · · · · · · · · · · · · · ·		Ox. rhizos			
				Sat. in Upp	er 12"		H20-stained leaves			
Depth of	Surf. H2O		Inches	Water Mar	rks		Local Soil	Survey		
Depth to	Free H20	>16	Inches	The region and property and pro			FAC Neutr	al Test		
Depth to	Saturation	>16	Inches	Sediment Deposits Other			Other			
				Drainage patterns Yes Criterian			Criteria N	let:	Yes	
SOILS		700	Fluvaquen	ty clay loam tic Endoaqu ox Concentr	olls Drai	ydric Soil?:	p	Yes poorly draine	ed	
Depth (Inches)	Color	Texture*		F	e/size/contrast		ydric Soil ndicators	Com	ments	
0-6	10YR 3/2	SCL	Color	abundance	e/size/contrast	riciu i	lidicators	Com	ments	
6-16	10YR 3/2	SCL	7.5YR 3/3	common, m	nedium, distinc	i et				
		0			* 2 22 5					
-										
*SD=Sand,	SDL=Sandy Loa	am, L=Loam, S	DCL=Sandy C	lay Loam, S=Sil	lt, SL=Silt Loam, S	SCL=Silty Clay	OR OTHER DESIGNATION OF THE PERSON NAMED IN COLUMN 1			
					Total and the second		Criteria N	let:	Yes	
VEGE	TATION						100	iii		
Tree	Stratum	(0%)	Status	% Cover	Herbaceou	s Stratum	(90%)	Status	% Cove	
					Carex stipata	ı*		OBL	20	
5					Geum macro	phyllum		FACW-	10	
				Ì	Carex feta			FACW	20	
					Festuca arun			FAC-	30	
					Holcus lanati	us*		FAC	20	
ChL	Stratum	(5%)	Status	% Cover	-					
	latifolia*	(3/0)	FACW	60	}	14 19		240		
	s monogyna	*	FACU+	40	Woody Vi	ne Stratum	(5%)	Status	% Cove	
					Rubus ursinu		(270)	FACU	100	
		1)						100 100 TOTAL (1)		
00-200										
	of dominan	t species F	AC, FACW	, or OBL:	57%		Criteria M	let:	Yes	
Commen	ts:									
							Determina	ition:	Wetland	



			Routine	Onsite	Method		Pacific I	Habitat Ser	vices, Inc
Project:		Molal	a LWI	Number: 2250			Sample Site BC-6B-3		6B-34
Applican	t: C	ity of Mola	alla	County:	Clack	amas	Date:	6/	6/01
Investiga	tors:	SE/PF		Township:	5S	Range:	2E	Section:	7
Do Norma	l Circumstan	ces exist on	this site?	Yes	Is the area a p	otential Prob	lem Area?	2/)(-2	No
	Atypical Situa			No	,				
	1,595			P	rimary Indica	tors	Seco	ndary Indic	ators
HYDR	OLOGY			Inundated			Ox. rhizosp		
				Sat. in Upp	er 12"		H20-stained	leaves	
Depth of	Surf. H2O		Inches	Water Mar	rks		Local Soil S	Survey	
Depth to	Free H20	>16	Inches	Table 1 and			FAC Neutr	al Test	
Depth to	Saturation	>16	Inches	Sediment I	Deposits		Other		
				Drainage patterns Criteria A				let: 4	No
			PROGRAMO AND DESCRIPTION OF THE PROGRAMO		- Ann	and the other management			
SOILS			•	ty clay loan		ydric Soil?:		Yes	
D (1)				tic Endoaqu		inage Class:		oorly draine	ed
Depth	Matrix Color	Soil Texture*	Color	x Concentr		4	ydric Soil ndicators	Com	ments
(Inches) 0-10	10YR 3/2	SCL	Color	abundanc	e/size/contrast	rieid I	ndicators	Com	ments
10-16	10 TR 3/2	SCL	7.5YR 3/3	common. n	nedium, faint				
10 10	10111012	002	1.011075		rearann, ranne	12			
*SD=Sand,	SDL=Sandy Loa	m, L=Loam, S	DCL=Sandy Cl	ay Loam, S=Sil	lt, SL=Silt Loam,	SCL=Silty Clay	Loam, CL=Clay	Loam, C=Clay	y -
							Criteria M	et: 4	Yes
VEGE	TATION								
	Stratum	(0%)	Status	% Cover	Herbaceou	s Stratum	(90%)	Status	% Cove
	***				Festuca arun	idinacea*		FAC-	50
					Holcus lanat	us*		FAC	20
					Agrostis teni	uis		FAC	10
					Chrysanthen	ıum leucanth	iemum	UPL	10
					Carex feta			FACW	10
		- 1,							
	Stratum	(5%)	Status	% Cover					
	latifolia*		FACW	20	****		(50/)	Chrit	0/ 0
Crataegu.	s monogyna [*]		FACU+	80		ine Stratum	(5%)	Status	% Cove
					Rubus ursini	is *		FACU	100
	777		1	l	L			L	
*Percent	of dominan	t species F	AC, FACW	, or OBL:	40%		Criteria M	et:	No
Commen		-				· · · · · · · · · · · · · · · · · · ·			
	(Harrist)								
							Determina	tion:	Upland



Draigate	<u> </u>	Molell	a LWI	Offsite	Number:	2250		RC		
Project:				Country		(amas	Sample Site BC-7-35 Date: 4/20/01			
Applican		ity of Mola	IIIa	County:			Date:			
Investiga		PF/CR		Township:		Range:	2E	Section:	8	
and the second	l Circumstano		this site?	Yes	Is the area a p	otential Prob	lem Area?		No	
Is this an .	Atypical Situa	tion?		No						
Depth of Depth to	OLOGY Surf. H2O Free H20 Saturation	>14 >14	Inches Inches Inches	Sat. in Upper 12" Water Marks Drift Lines Sediment Deposits Drainage patterns H20 H20 Continued H20 H20 H20 H20 H20 FAC Sediment Deposits Otherwise H20 Continued H20 H20 H20 H20 H20 H20 H20 H20			Ox. rhizosp H20-stained Local Soil S FAC Neutra Other	Secondary Indicators x. rhizospheres 20-stained leaves ocal Soil Survey AC Neutral Test ther		
SOILS	Марр	ed Series:	Dayton silt	loam	Н	ydric Soil?:		Yes		
	Clas	sification:	Typic Alba			inage Class:	р	oorly drain	ed	
Depth	Matrix	Soil		ox Concentrations Other H			ydric Soil			
(Inches)	Color	Texture*	Color	abundance/size/contrast Field I			ndicators		ments	
0-14	10YR 3/3	SL				1.6		angular ro	CKS	
*SD=Sand,	SDL=Sandy Loa	m, L=Loam, S	DCL=Sandy Cl	ay Loam, S=Sil	lt, SL=Silt Loam,	SCL=Silty Clay	-		THE PERSON NAMED IN COLUMN 2 I	
							Criteria M	et:	No L	
VEGE	TATION									
Tree	Stratum	(0%)	Status	% Cover	Herbaceou	ıs Stratum	(100%)	Status	% Cover	
					Festuca arun	ndinacea*		FAC-	30	
					Hypochaeris	radicata		FACU	10	
					Poa annua*			FAC	20	
					Taraxacum o	officinale		FACU	10	
					Poa pratensi	is*		FAC	20	
					Agrostis teni	uis		FAC	5	
Shrub	Stratum	(0%)	Status	% Cover	Trifolium rep	pens		FAC	5	
					Woody V	ine Stratum		Status	% Cover	
2.W)		6								
*Percent	of dominan	t species F	AC, FACW	, or OBL:	67%		Criteria M	et:	Yes	
Commen	ts:									
							Determina	tion.	Upland	
		iial					Deter mina	COH.	Сринци	



Routine Onsite Method Pacific Habitat Services, Inc.										
Project:		Molall	la LWI		Number:	2250	Sample Sit	e BC	-7-36	
Applican	t: C	ity of Mola	alla	County:	Clack	kamas	Date:	4/2	20/01	
Investiga	tors:	SE/FS		Township:	5S	Range:	2E	Section:	8	
Do Norma	l Circumstan	ces exist on	this site?	Yes	Is the area a p	ootential Prob	lem Area?		No	
Is this an	Atypical Situa	tion?		No	5					
				P	rimary Indica	tors	Seco	ndary Indic	ators	
HYDR	OLOGY			Inundated			Ox. rhizosp	heres	Yes	
				Sat. in Upp		Yes	H20-stained			
Des 10	Surf. H2O		Inches	Water Man			Local Soil S	September 19 St. Co. Co. Co. Co. Co. Co. Co. Co. Co. Co		
Depth to		8	Inches	Drift Lines			FAC Neutr	al Test		
Deptn to	Saturation	0	Inches	Sediment I		**	Other	PART SERVE	Carrie V Carrie	
				Drainage p	atterns	Yes	Criteria M	et:	Yes	
SOILS	Mapr	ed Series:	Dayton silt	loam	н	ydric Soil?	•	Yes		
COLLO			Typic Alba			inage Class:		oorly drain	ed	
Depth	Matrix	Soil					ydric Soil	1		
(Inches)	Color	Texture*		The state of the s			Indicators Comments			
0-8	0-8 10YR 3/2 SCL 10YR 4 8-16 10YR 2/1 C				m, distinct					
8-16	10YR 2/1	C								
*SD=Sand	SDI =Sandy I oa	m I=Loam S	DCI =Sandy Cl	av Loam S=Sil	lt, SL=Silt Loam,	SCI =Silty Clay	Loam CI =Clay	Loam C=Clar	,	
ob band,	ODE Sundy Loa	an, D Dount, o	DCE bandy Ci	ay Loani, 5 51	n, ob-one boam,	oce-only clay	Criteria M		Yes	
VECE	TATION									
	Stratum	(0%)	Status	% Cover	Herbaceou	ıs Stratum	(100%)	Status	% Cove	
		(3,0)			Juncus effusi		(200,0)	FACW	50	
					Carex pratic			FACW	20	
			141		Alopecurus p	pratensis*		FACW	20	
					Phalaris aru	ındinacea		FACW	10	
G) .	041	(00/)	G4-4	0/ 0						
Shrub	Stratum	(0%)	Status	% Cover	ł					
					Woody V	ine Stratum	r 14 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	Status	% Cove	
			Status	70 00,0						
1166						0				
*Percent	of dominan	t species F	AC, FACW	, or OBL:	100%		Criteria M	et:	Yes	
Commen	ts:			18510					725	
							Determina	tion:	Wetland	



-	1041000000100		Koutin	e Onsite	Michiga		r acinc i	iaditat Sei	vices, inc
Project:	32	Molal	la LWI	T Claudinine 100	Number:	2250	Sample Site BC-7-3		-7-37
Applican	t: C	City of Mola	alla	County:	Clack	kamas	Date:	4/2	20/01
Investiga	tors:	PF/CR	, a 1000 m	Township:	5S	Range:	2E	Section:	8
Do Norma	al Circumstar	nces exist on	this site?	Yes	Is the area a p	otential Prob	lem Area?		No
Is this an	Atypical Situ	ation?		No					
HYDR	OLOGY	-	*	Paragram Par	rimary Indica er 12"	tors	Seco Ox. rhizosp H20-stained		cators
Depth of	Surf. H2O		Inches	Water Marks			Local Soil S	Survey	
Depth to		>14	Inches	Drift Lines			FAC Neutra	al Test	
Depth to	Saturation	>14	Inches	Sediment Deposits			Other		
				Drainage p	atterns		Criteria M	et:	- No
SOILS	Cla	ped Series:	Typic Alba	aqualfs	Drai	ydric Soil?: inage Class:	: p	Yes oorly drain	ed
Depth	Matrix	Soil		ox Concentr		4	ydric Soil		
(Inches) 0-14	Color 10YR 3/2	Texture*	Color	abundance	e/size/contrast	Field 1	ndicators	Con	ments
0-14	10 TR 5/2 10 YR 5/3	SCL					6		
*SD=Sand,	SDL=Sandy Lo	oam, L=Loam, S	DCL=Sandy C	lav Loam, S=Sil	t, SL=Silt Loam,	SCL=Silty Clay	Loam, CL=Clav	Loam, C=Cla	v
		2000 Carlot (1900 - 1900 Carlot (1900 Carlot					Criteria M		No
VEGE	TATION				*				
Marie Control	Stratum	(0%)	Status	% Cover	Herbaceou	ıs Stratum	(100%)	Status	% Cove
1000					Festuca arur			FAC-	50
					Hypochaeris	radicata		FACU	10
					Vicia sativa*	k		UPL	20
					Cerastium vi	ulgatum		FACU	10
					Tanacetum v	rulgare		NI	10
61 -		(001)	0	0/ 0					
Shrub	Stratum	(0%)	Status	% Cover					
					Woody Vi	ine Stratum		Status	% Cove
					59				
		nt species F	AC, FACV	V, or OBL:	0%		Criteria M	et:	No.
Commen	ts:								
6		8		×			D 2	**************************************	YI-I
							Determina	tion:	Upland



	Routine Onsite Method Pacific Habitat Services, Inc.									
Project:		Molall	a LWI		Number:	2250	Sample Sit	e BC	-7-38	
Applican	t: C	ity of Mola	ılla	County:	Clack	kamas	Date:	4/2	20/01	
Investiga	tors:	PF/CR		Township:	5S	Range:	2E	Section:	8	
Do Norma	l Circumstan	ces exist on	this site?	Yes	Is the area a p	ootential Prob	lem Area?		No	
Is this an .	Atypical Situa	tion?		No						
	OLOGY Surf. H2O Free H20	5	Inches Inches	Pr Inundated Sat. in Upp Water Mar Drift Lines	rks	Yes Yes Yes	Seco Ox. rhizosp H20-stained Local Soil S FAC Neutr	i leaves Survey	eators Yes	
Depth to	Saturation		Inches	Sediment D	eposits		Other			
				Drainage p	atterns	Yes	Criteria M	et:	Yes T	
SOILS Depth		oed Series: ssification:	Typic Alba		Dra	lydric Soil? inage Class Other H		Yes oorly drain	ed	
(Inches)	Color	Texture*	Color				ndicators	Comments		
0-14 10YR 3/1 SL *SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=Clay										
*SD=Sand,	SDL=Sandy Loa	ım, L=Loam, S	DCL=Sandy C	lay Loam, S=Sil	t, SL=Silt Loam,	SCL=Silty Clay				
							Criteria M	er	Yes	
	TATION	(00/)	Cu	[0/ C	T		(000()	T 64-4	1 0/ C	
Tree	Stratum	(0%)	Status	% Cover	Phalaris aru	us Stratum	(90%)	Status FACW	% Cover 100	
			æ		T naturis aru	mumacea		raew	100	
Shrub	Stratum	(10%)	Status	% Cover						
Crataegu	s douglasii*	3011770	FAC	100			H_ 3-			
				1	Woody V	ine Stratum	l	Status	% Cover	
		¥								
	of dominan				100%		Criteria M	et:	Yes	
Commen	ts:	excavated	drainage ch	nannel			Determina	tion:	Wetland	



								Tabitat Se	
Project:		Molall	a LWI		Number:	2250	Sample Site BC-8-39		-8-39
Applican	t: C	ity of Mola	alla	County:	Clack	amas	Date:	4/2	20/01
Investiga	tors:	PF/CR		Township:	5 S	Range:	2E	Section:	8
Do Norma	l Circumstano	es exist on	this site?	Yes	Is the area a p	otential Prob	lem Area?		No
Is this an A	Atypical Situa	tion?		No					
			in the second se	P	rimary Indica	tors	Seco	ndary Indi	ators
HYDR	OLOGY			Inundated	•		Ox. rhizosp	Charles of the Control of the Contro	
				Sat. in Upp	er 12"		H20-stained		
Depth of	Surf. H2O		Inches	Water Mar			Local Soil S	Survey	
Depth to	Free H20	>18	Inches	Drift Lines FAC Neut				al Test	
Depth to S	Saturation	>18	Inches	Sediment D					
1923				Drainage p	atterns		Criteria M	et:	No -
SOILS	Mapp	ed Series:	Dayton silt	loam	н	ydric Soil?:		Yes	
	Clas	sification:	Typic Alba			nage Class:		oorly drain	ed
Depth	Matrix	Soil					ydric Soil		
(Inches)	Color	Texture*	Color	abundance	e/size/contrast	Field I	ndicators	Com	ments
0-3	10YR 3/3	SL							
3-12	10YR 3/2	C							
12+	10YR 4/3	SCL							
+CD G - 1	CDI Cd-I	<u> </u>	DOL 6 1 G	1 0 00	. CI C:14 I	COL OTH CI			
*SD=Sand,	SDL=Sandy Loa	m, L=Loam, S	DCL=Sandy Cl	lay Loam, S=Si	t, SL=Silt Loam, S	SCL=Silty Clay			AND DESCRIPTION OF THE PERSON NAMED IN COLUMN TWO
To No.							Criteria M	et:	No.
	TATION								
Tree	Stratum	(0%)	Status	% Cover	Herbaceou		(100%)	Status	% Cover
35					Festuca arun			FAC-	90
					Vicia tetrasp	erma		UPL	10
				ļ	40			1	ļ
Shrub	Stratum	(0%)	Status	% Cover					
SHIUD	Juan	(070)	Status	70 00101					
					Woody Vi	ne Stratum	3 3/1	Status	% Cover
			S						
						Q.			
		(*)							
*Percent	of dominant	t species F.	AC, FACW	, or OBL:	0%		Criteria M	et:	No
Commen	ts:								
									Name of Contrast of Contrast
							Determina	tion:	Upland



n		36.1.11			brant	2250	I acinc i				
Project:	4. 0		a LWI	Ia .	Number:	2250	Sample Site BC-8-40 Date: 4/20/01				
Applican		ity of Mola	ша	County:	Clack						
Investiga		PF/CR	No. 10	Township:		Range:	2E	Section:	8		
To the same of the	al Circumstan		this site?	Yes	Is the area a p	otential Probl	lem Area?		No		
Is this an	Atypical Situa	tion?		No							
				1	rimary Indica			ndary Indic			
HYDR	OLOGY			Inundated	0.233	Yes	Ox. rhizosp		Yes		
		_		Sat. in Upp		Yes	H20-stained				
	Surf. H2O	6	Inches	Water Mar			Local Soil S				
Depth to	Free H20 Saturation	0	Inches Inches	Drift Lines FAC Neutra Sediment Deposits Other			al l'est				
Depth to	Saturation	U	Inches		-	V					
				Drainage p	atterns	Yes	Criteria M	eu	Yes		
SOILS	Manr	ed Series	Dayton silt	loam	п	ydric Soil?:		Yes			
JOILS	7.7		Typic Alba			nage Class:		oorly drain	ed		
Depth	Matrix	Soil		lox Concentrations Other Hydric Soil			T diame				
(Inches)	Color	Texture*	Color	abundance/size/contrast Field Indicators				Comments			
0-8	10YR 4/2	SCL	7.5YR 4/6	many, medium, prominent H2S odor			H2S odor	refused at 8 inches			
								due to cob	ble		
*SD=Sand,	SDL=Sandy Loa	ım, L=Loam, S	DCL=Sandy Cl	ay Loam, S=Sil	t, SL=Silt Loam, S	SCL=Silty Clay			Yes		
							Criteria M	et.			
	TATION										
Tree	Stratum	(0%)	Status	% Cover	Herbaceou		(100%)	Status	% Cover		
					Typha latifol			OBL	40		
					Lotus cornici			FAC	20		
					Alopecurus p			FACW OBL	20 20		
					Alopecurus g	eniculatus*		OBL	20		
				F2				1			
Shruh	Stratum	(0%)	Status	% Cover							
		()									
					Woody Vi	ne Stratum		Status	% Cover		
*Percent of dominant species FAC, FACW, or OBL: 100% Criteria Met: Yes											
				, or OBL:	100%		Criteria M	et:	Yes		
Commen	ts:	excavated	pond								
						ĺ	Determine		Wotland		
							Determina	non:	Wetland		



	ROUTINE UNSITE MICHOG Pacific Habitat Services, Inc.									
Project:		Molall	a LWI	Number: 2250			Sample Site B		BC-9-41	
Applican	t:	City of Mola	ılla	County:	Clack	amas	Date:	5/2	24/01	
Investiga	tors:	SE/FS		Township:	58	Range:	2E	Section:	8	
Do Norma	al Circumsta	nces exist on	this site?	Yes	Is the area a p	otential Prob	lem Area?		No	
Is this an	Atypical Sit	uation?		No						
HYDR Depth of Depth to	OLOGY Surf. H2O	>14 >14	Inches Inches Inches	Inundated Sat. in Upp Water Mar Drift Lines	Sat. in Upper 12" Water Marks			ndary Indic heres il leaves Survey al Test	cators	
-				Drainage p	2 7 24	Yes	Criteria M	et:	Yes	
SOILS Depth	Cl Matrix	pped Series: assification:	Typic Alba Redo		Drai		ydric Soil	Yes oorly drain	6	
(Inches)	Color	Texture*	Color	(390.00.000.000.000.000.000.000.000.000.0	/size/contrast	Field I	ndicators	Com	ments	
0-9 9-14	10YR 3/1 10YR 3/1			few, fine, fa	unt nedium, distinc	et .				
*SD=Sand,	SDL=Sandy L	oam, L=Loam, S	DCL=Sandy C	lay Loam, S=Sil	t, SL=Silt Loam, S	SCL=Silty Clay	Loam, CL=Clay	Loam, C=Clay	y	
							Criteria M	et:	Yes	
VEGE	TATION									
	Stratum	(0%)	Status	% Cover	Herbaceou	s Stratum	(100%)	Status	% Cover	
	ā				Holcus lanati Alopecurus p Poa trivialis'	ratensis*		FAC FACW FACW	5 70 20	
Shrub	Stratum	(0%)	Status	% Cover						
,			×		Woody Vi	ne Stratum	(0%)	Status	% Cover	
*Percent		nt species F	AC, FACW	, or OBL:	100%		Criteria M	et:	Yes	
Commen		1	22	2 ======		734 - 1934	Determina	tion:	Wetland	



Ci	Molall			Number:	2250	Commis Cit	DC	A 44
	ity of Mola	2-		Tallioci.	2250	Sample Site	e BC	-9-42
		ılla	County:	Clack	kamas	Date:	5/2	24/01
	SE/FS		Township:	5 S	Range:	2E	Section:	8
cumstanc	es exist on	this site?	Yes	Is the area a p	otential Probl	em Area?		No
ical Situat	tion?		No					
HYDROLOGY Inundated Sat. in Upper 12" Depth of Surf. H2O Depth to Free H20 Inches Drift Lines Ox. rhizospheres H20-stained leaves Local Soil Survey FAC Neutral Test						heres I leaves Survey	ators	
ration	-12	Thenes	ł	77		per la reconstruir de la constitución de la constit		No
Clas Matrix Color	sification: Soil Texture*	Typic Alba	qualfs x Concentra	Dra ations	inage Class: Other H	ydric Soil		ed ments
		DCL=Sandy Cl	ay Loam, S=Sil	t, SL=Silt Loam,	SCL=Silty Clay	Loam, CL=Clay	Loam, C=Clay	<i>y</i>
		1771107	,,,,,,,		11.300 11.300	Criteria M	et: 10	No
TION								
tum	(30%)	Status	% Cover			(70%)	Status	% Cove
vana*		UPL	100	Pestuca arundinacea* Dactylis glomerata* Poa pratensis* Vicia sativa			FAC- FACU FAC UPL	30 25 30 15
atum	(0%)	Status	% Cover				ļ	
£		×		Woody V	ine Stratum	(0%)	Status	% Cover
ominant	species F.	AC, FACW	, or OBL:	25%				No Upland
	Mapp Clas Matrix Color YR 2/2	Mapped Series: Classification: Matrix Soil Color Texture* YR 2/2 SL Sandy Loam, L=Loam, S. FION Tum (30%) Vana*	Mapped Series: Dayton silta Classification: Typic Alba Color Texture* Color YR 2/2 SL Sandy Loam, L=Loam, SDCL=Sandy Classification: Typic Alba Color Texture* UPL TION Statum (30%) Status Statum (0%) Status	OGY H2O Inches Water Man H20 >12 Inches Drift Lines ration >12 Inches Sediment D Drainage p Mapped Series: Dayton silt loam Classification: Typic Albaqualfs Matrix Soil Redox Concentr Color Texture* Color abundance YR 2/2 SL Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Sil FION Tion Tion Tion Tion Tion Tion Tion Tion	Primary Indica OGY Inundated Sat. in Upper 12" Water Marks H20 >12 Inches Drift Lines ration >12 Inches Sediment Deposits Drainage patterns Mapped Series: Dayton silt loam H Classification: Typic Albaqualfs Dra Matrix Soil Redox Concentrations Color Texture* Color abundance/size/contrast YR 2/2 SL Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, FION Statum (30%) Status % Cover Herbaceon Wana* UPL 100 Festuca arm Dactylis glos Poa pratensi Vicia sativa Mapped Series: Dayton silt loam H Classification: Typic Albaqualfs Dra Matrix Soil Redox Concentrations Color Texture* Color abundance/size/contrast YR 2/2 SL Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, Vicia sativa Woody V	Primary Indicators Inundated Sat. in Upper 12" Water Marks H20	Primary Indicators OGY Inundated Sat. in Upper 12" H20-stained H20	Primary Indicators OGY Inundated Sat. in Upper 12" H20-stained leaves H20



				Methou				vices, inc.
	Molall	a LWI		Number:	2250	Sample Sit	e BC-	10-43
t: C	ity of Mola	alla	County:	Clack	camas	Date:	4/2	20/01
tors:	PF/CR		Township:	5S	Range:	2E	Section:	8
al Circumstano	ces exist on	this site?	Yes	Is the area a p	otential Prob	lem Area?		No
Atypical Situa	tion?		No					
Surf. H2O	5	Inches Inches	Inundated Sat. in Upp Water Mar	er 12" ks	tors Yes	Ox. rhizosp H20-staine Local Soil S	oheres d leaves Survey	eators Yes
	0	Inches	Sediment Deposits Other					
			Drainage p	atterns		Criteria N	let:	Yes
Clas	sification:	Typic Alba	qualfs	Drai	inage Class:	· p	Yes oorly drain	ed
			T		4	Trans.	Com	ments
10YR 2/1	SCL	2)						
SDL=Sandy Loa	m, L=Loam, S	DCL=Sandy Cl	ay Loam, S=Sil	t, SL=Silt Loam,	SCL=Silty Clay	Loam, CL=Clay	y Loam, C=Clay	у
						Criteria N	let:	Yes
TATION								
Stratum	(0%)	Status	% Cover	Herbaceou	ıs Stratum	(100%)	Status	% Cove
	.10						FACW	50
							Maria Control Assets	20
								20
				Festuca arur	idinacea		FAC-	10
Stratum	(0%)	Status	% Cover				i i	
		344		Woody Vi	ine Stratum		Status	% Cover
								,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
								18
	t species F	AC, FACW	, or OBL:	100%		Criteria M	(et:	Yes
*						Determina	ition:	Wetland
	Atypical Situal COLOGY Surf. H2O Free H20 Saturation Mapp Clas Matrix Color 10YR 2/1 SDL=Sandy Loa CTATION Stratum	t: City of Molators: PF/CR al Circumstances exist on Atypical Situation? ROLOGY Surf. H2O Free H20 5 Saturation 0 Mapped Series: Classification: Matrix Soil Color Texture* 10YR 2/1 SCL SDL=Sandy Loam, L=Loam, S CTATION Stratum (0%) Of dominant species F	Atypical Situation? ROLOGY Surf. H2O Inches Free H20 5 Inches Saturation 0 Inches Mapped Series: Dayton silt Classification: Typic Alba Matrix Soil Redo Color Texture* Color 10YR 2/1 SCL SDL=Sandy Loam, L=Loam, SDCL=Sandy Classification CTATION Stratum (0%) Status of dominant species FAC, FACW	t: City of Molalla tors: PF/CR Township: al Circumstances exist on this site? Yes Atypical Situation? No ROLOGY Surf. H2O Inches Saturation 0 Inches Saturation 0 Inches Saturation 0 Inches Saturation Typic Albaqualfs Mapped Series: Dayton silt loam Classification: Typic Albaqualfs Matrix Soil Redox Concentr Color Texture* Color abundance 10YR 2/1 SCL SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Sil CTATION Stratum (0%) Status % Cover of dominant species FAC, FACW, or OBL:	ti: City of Molalla County: Clack tors: PF/CR Township: 5S al Circumstances exist on this site? Yes Is the area a part of the primary Indication? No Primary Indication? No ROLOGY Inundated Sat. in Upper 12" Surf. H2O Inches Water Marks Free H20 5 Inches Drift Lines Saturation 0 Inches Sediment Deposits Drainage patterns Mapped Series: Dayton silt loam Harrix Soil Redox Concentrations Color Texture* Color Abundance/size/contrast SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, Alopecurus particular and particular	tt: City of Molalla County: Clackamas tors: PF/CR Township: 5S Range: al Circumstances exist on this site? Yes Is the area a potential Prob Atypical Situation? No Primary Indicators BOLOGY Inches Primary Indicators BOLOGY Surf. H2O Inches Water Marks Free H20 5 Inches Drift Lines Saturation 0 Inches Sediment Deposits Drainage patterns Mapped Series: Dayton silt loam Hydric Soil?: Classification: Typic Albaqualfs Drainage Class: Matrix Soil Redox Concentrations Other H Color Texture* Color abundance/size/contrast Field I 10YR 2/1 SCL SCL SCL SCL SIlt Loam, SCL=Silty Clay SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay STATION Status % Cover Herbaceous Stratum Alopecurus pratensis* Carex praticola* Agrostis stolonifera* Festuca arundinacea PStratum (0%) Status % Cover Woody Vine Stratum Woody Vine Stratum Off dominant species FAC, FACW, or OBL: 100%	tt: City of Molalla County: Clackamas Date: tors: PF/CR Township: 5S Range: 2E Al Circumstances exist on this site? Yes Is the area a potential Problem Area? Altypical Situation? No Primary Indicators Sect ROLOGY Inches Sat. in Upper 12" Yes H20-staine Surf. H2O Inches Drift Lines FAC Neutr Sat. in Upper 12" Yes H20-staine Water Marks Local Soil Sediment Deposits Other Drainage patterns Other Classification: Typic Albaqualfs Drainage Class: pabundance/size/contrast Matrix Soil Redox Concentrations Other Hydric Soil? Color Texture* Color abundance/size/contrast Field Indicators SDL-Sandy Loam, L-Loam, SDCL-Sandy Clay Loam, S-Silt, SL-Silt Loam, SCL-Silty Clay Loam, CL-Cla CTATION Stratum (0%) Status % Cover Herbaceous Stratum Alopecurus pratensis* Carex praticola* Agrostis stolonifera* Festuca arundinacea Ostratum (0%) Status % Cover Woody Vine Stratum Woody Vine Stratum Official North Indicators Criteria North Indicators Official North Indicators Color Criteria North Indicators Official North Indicators Color Color Criteria North Indicators Official North Indicators Color Criteria North Indicators Official North Indicators Color Color Official North Indicators Color	t: City of Molalla County: Clackamas Date: 4/2 tors: PF/CR Township: 5S Range: 2E Section: al Circumstances exist on this site? Yes Is the area a potential Problem Area? Atypical Situation? No Primary Indicators Inundated Sat. in Upper 12" Yes H20-stained leaves Surf. H2O Inches Water Marks Local Soil Survey Free H2O 5 Inches Drift Lines FAC Neutral Test Other Classification: Typic Albaqualfs Drainage Class: poorly drains Matrix Soil Redox Concentrations Color Texture* Color Texture* Color SDL~Sandy Loam, L~Loam, SDCL~Sandy Clay Loam, S~Siit, SL~Siit Loam, SCL~Siity Clay Loam, CL~Clay Loam, C~Clay STATION Stratum (0%) Status % Cover Herbaceous Stratum (100%) Status Alopecurus pratensis* Carex praticola* Agrostis stolonifera* Agrostis stolonifera* FAC Woody Vine Stratum Status Woody Vine Stratum Status Of dominant species FAC, FACW, or OBL: 100% Criteria Met:



			Nouth	e Ousite	Michiga		racine i	Habitat Sei	vices, inc.		
Project:		Molall	a LWI		Number:	2250	Sample Sit	mple Site BC-10			
Applican	t: C	ity of Mola	alla	County:	Clack	kamas	Date:	4/2	20/01		
Investiga	tors:	PF/CR		Township:	5S	Range:	2E	Section:	8		
Do Norma	l Circumstan	ces exist on	this site?	Yes	Is the area a p	otential Prob	lem Area?		No		
Is this an A	Atypical Situa	ition?		No							
HYDR Depth of S Depth to 3	Primary Indicators HYDROLOGY Inundated Sat. in Upper 12" Pth of Surf. H2O Inches Oth of Free H20 Oth to Free H20 Oth to Saturation HYDROLOGY Inundated Sat. in Upper 12" Water Marks Local Soil Survey Oth to Free H20 Other Other Orainage patterns H20-stained leaves FAC Neutral Test Other Orainage patterns Griteria Met:						oheres d leaves Survey al Test				
SOILS	Clas	sification:	Dayton silt	loam equalfs	H Dra	ydric Soil?	p	Yes oorly draine			
Depth (Inches)	Matrix Color	Soil Texture*	Color	x Concentr		4	ydric Soil ndicators	Com	ments		
0-14	10YR 3/2	SL	Color	abundance	e/size/contrast	Field I	nuicators	with cobbl			
*SD=Sand,	SDL=Sandy Loa	ım, L=Loam, S	DCL=Sandy C	lay Loam, S=Sil	t, SL=Silt Loam,	SCL=Silty Clay	Loam, CL=Clay	Loam, C=Clay	/		
							Criteria M	et:	No.		
VEGE	TATION										
Tree	Stratum	(0%)	Status	% Cover	Herbaceou	ıs Stratum	(70%)	Status	% Cove		
					Festuca arur			FAC-	10		
					Galium apar			FACU	20		
					Cirsium arve			FACU+	30		
					Vicia tetrasp			UPL	20		
					Holcus lanat			FAC	10		
OL 1	C4 4	(100/)	Ctetere	% Cover	Geranium m	oue		UPL	10		
Cytisus so	Stratum	(10%)	Status UPL	100							
Cytisus se	ориниз		OFL	100	Woody V	ine Stratum	(20%)	Status	% Cove		
					Rubus discol		(20/0)	FACU	50		
					Rubus ursini			FACU	50		
*Percent Commen	of dominan ts:	t species F.	AC, FACW	V, or OBL:	0%		Criteria M	et:	· No		
							Determina	tion:	Upland		



			Routin	e Ousite	Michiga		Pacific	Habitat Sei	rvices, inc.
Project:		Molall	a LWI		Number:	2250	Sample Si	te BC-1	2A-45
Applican	t: C	ity of Mola	ılla	County:	Clack	kamas	Date:	4/1	18/01
Investiga	tors:	SE/FS		Township:	58	Range:	2E	Section:	7
Do Norma	l Circumstano	ces exist on	this site?	Yes	Is the area a	ootential Prob	lem Area?		No
Is this an A	Atypical Situa	tion?	1	No					
HYDROLOGY Depth of Surf. H2O Depth to Free H20 Depth to Saturation Inunda Sat. in Water Depth to Free H20 >13 Inches Sedime					rks	itors	Sec Ox. rhizos H20-staine Local Soil FAC Neut Other	ed leaves Survey	cators
~ open to				Drainage p	-		Griteria N	/lei:	No
Depth (Inches)			Fluvaquen	ty clay loam tic Endoaqu ox Concentr	olls Dra			Yes poorly drain Com	ed nments
	SDL=Sandy Loa	m, L≈Loam, S	DCL=Sandy C	lay Loam, S=Sil	lt, SL=Silt Loam,	SCL=Silty Clay	Loam, CL=Cla		y No
	Stratum	(15%)	Status	% Cover	Herbaceou	us Stratum	(35%)	Status	% Cover
Quercus g	garryana*		UPL	100	Geranium ro Vicia sativa Agrostis tem Festuca arui	* uis*	2	UPL UPL FAC FAC-	15 20 35 30
Shrub	Stratum	(20%)	Status	% Cover					
_	s monogyna* ier alnifolia		FACU+ FACU	35 65				Status FACU	% Cover
*Percent Commen	of dominan	t species F	AC, FACW	V, or OBL:	14%		Criteria N		No No Upland



Routine	o moreo .				1abitat Sei	· reco, raci
Project: Molalla LWI		Number:	2250	Sample Site	BC-1	2A-46
	County:	Clack	amas	Date:	4/1	8/01
Investigators: SE/FS T	ownship:	5 S	Range:	2E	Section:	7
Do Normal Circumstances exist on this site?	Yes	Is the area a p	otential Prob	lem Area?		No
Is this an Atypical Situation?	No					
	Pr	imary Indicat	tors	Seco	ndary Indic	ators
HYDROLOGY	nundated			Ox. rhizosp		Yes
S	at. in Upp	er 12"	Yes	H20-stained	l leaves	
Depth of Surf. H2O Inches W	Vater Mar	ks		Local Soil S	Survey	
Supplier and the contract of t	rift Lines			FAC Neutra	al Test	
Depth to Saturation 0 Inches S	Other	Evidence of	f ponding			
D	rainage p	atterns		Criteria M	et:	Y ₁ e ₂ =
	121 12	102	~			
SOILS Mapped Series: Wapato silty			ydric Soil?:		Yes	
Classification: Fluvaquentic Depth Matrix Soil Redox	Concentra	BESTEROOF CONTRACTOR	nage Class:	ydric Soil	oorly draine	ed
(Inches) Color Texture* Color		/size/contrast		ndicators	Com	ments
`		um, distinct	Ticia	idicator 5	Com	THE ITES
*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay	Loam, S=Sil	t, SL=Silt Loam, S	SCL=Silty Clay	Loam, CL=Clay	Loam, C=Clay	/
				Criteria M	et:	Yes
VEGETATION						
	% Cover	Herbaceou	s Stratum	(50%)	Status	% Cover
Fraxinus latifolia* FACW	100	Alopecurus p	ratensis*		FACW	100
		C4 1450				
					3	
GI 1	V C	·				
	% Cover					28
Crataegus monogyna* FACU+ Rosa pisocarpa* FAC	65 35	Woody Vi	ne Stratum	(5%)	Status	% Cover
Rosa pisocarpa FAC	33	Rubus discol		(370)	FACU	100
		Ruous aiscon	O/		FACO	100
*Percent of dominant species FAC, FACW,	or OBL:	60%		Criteria M	et:	Yes
Comments:						
				Determina	Annual Control of the	Wetland



			Nouth	Onsite	Memon		Pacific	Habitat Sei	vices, inc
Project:		Molall	a LWI		Number: 2250			e BC- 1	2B-47
Applican	t:	City of Mola	ılla	County:	Clack	kamas	Date:	5/2	24/01
Investiga	tors:	SE/FS		Township:	5 S	Range:	2E	Section:	8
Do Norma	l Circumsta	ances exist on	this site?	Yes	Is the area a	potential Prob	lem Area?		No
Is this an A	Atypical Sit	tuation?		No					
				Pı	rimary Indica	itors	Seco	ndary Indi	ators
HYDR	OLOGY		81 A	Inundated			Ox. rhizosp		Yes
				Sat. in Upp	er 12"	Yes	H20-staine	d leaves	
The state of the s	Depth of Surf. H2O Inches Water Marks Local Soil Surv								
Depth to 1		>14	Inches	Drift Lines		**************************************	FAC Neutr	al Test	
Depth to	Saturation	9	Inches	Sediment D	Deposits		Other	PROCESSION CONTRACTOR OF A STATE OF	
			-	Drainage p	atterns	Yes	Criteria M	let:	Yes
COTT	37		D ".			r 1 1 0 110		**	
SOILS		pped Series: lassification:				Iydric Soil? inage Class		Yes oorly drain	ad
Depth	Matrix		7.1	x Concentr			ydric Soil	T dorny drain	eu
(Inches)	Color	Texture*			e/size/contrast	* 77 St. & L January 1 Av.	indicators	Com	ments
0-9	10YR 3/			few, fine, d	istinct		Entropy And State Control of the Con	gravelly	
9-14	10YR 3/	1 SL	7.5YR 3/4	few, fine, d	istinct				
*SD=Sand,	SDL=Sandy I	Loam, L=Loam, S	DCL=Sandy Cl	ay Loam, S=Sil	t, SL=Silt Loam,	SCL=Silty Clay			-
					niamina	- 4	Criteria W	et:	Yes
	TATION								
Tree	Stratum	(0%)	Status	% Cover		us Stratum	(100%)	Status	% Cove
					Phalaris arı			FACW	. 20
					Alopecurus p Poa trivialis	A Charles and the second of the second		FACW	30
					Festuca aru			FACW FAC-	20 15
					Carex feta	пинисеи		FACW	2
					Rumex salic	ifolius		FACW	2
Shrub	Stratum	(0%)	Status	% Cover	Holcus lana			FAC	5
					Cirsium vulg			FACU	2
						ine Stratum	(0%)	Status	% Cove
					- Ab				
								4.	
			<u> </u>	L					L
*Percent	of domina	ant species F	AC, FACW	, or OBL:	100%		Criteria M	let:	Yes
Commen	ts:	4				3,000	7		
							Determina	tion:	Wetland



			Routing	e Onsite	Method		Pacific	Habitat Sei	vices, Inc.
Project:		Molal	la LWI		Number:	2250	Sample Sit	te BC-1	2B-48
Applican	t: C	ity of Mola	alla	County:	Clack	kamas	Date:	5/2	4/01
Investiga	tors:	SE/FS		Township:	5S	Range:	2E	Section:	8
Do Norma	al Circumstan	ces exist on	this site?	Yes	Is the area a p	otential Prob	lem Area?	F	No
Is this an	Atypical Situa	ition?		No					
		· Augustian		P	rimary Indica	tors	Seco	ndary Indic	ators
HYDR	OLOGY			Inundated			Ox. rhizosp		
Ê				Sat. in Upp	Sat. in Upper 12" H20-stained			d leaves	
Depth of	Surf. H2O		Inches	Water Marks Local Soil S			Survey		
Depth to		>12	Inches	Drift Lines			FAC Neutr	al Test	
Depth to	Saturation	>12	Inches	Sediment Deposits Other					
				Drainage p	atterns		Criteria M	let: 🚧 📆	No
COTT C	Mana		D	1	***	- 1-1-0-10	税	**	
SOILS	71.000 per 10.000 miles		Dayton silt Typic Alba			ydric Soil?: inage Class:		Yes	
Depth	Matrix	Soil		x Concentr			ydric Soil	oorly drain	ea
(Inches)	Color	Texture*		T	e/size/contrast	9	ndicators	Com	ments
0-12	10YR 4/2	SL	00.01					1	
9 8897									
				1					
*SD=Sand,	SDL=Sandy Loa	ım, L=Loam, S	DCL=Sandy C	lay Loam, S=Si	t, SL=Silt Loam,	SCL=Silty Clay			/
							Criteria M	let:	
VEGE	TATION								
Tree	Stratum	(0%)	Status	% Cover	Herbaceou	ıs Stratum	(90%)	Status	% Cover
					Cirsium vulg	gare*		FACU	25
					Rumex aceto			FACU+	15
					Plantago lan			FAC	15
					Holcus lanat			FAC	10
					Alopecurus g			OBL	13
	~ .	(= 0 ()	G	0/ 6	Festuca arun			FAC-	5
	Stratum	(5%)	Status		Trifolium rep			FAC	10
Quercus g	garryana*		UPL	100	Daucus caro		(50/)	UPL	30
					Rubus discol	ine Stratum	(5%)	Status FACU	% Cover
		E			Kubus aiscoi	or.		FACU	100
					1				1.00
*Percent	of dominan	t species F	AC, FACW	, or OBL:	0%		Criteria M	let:	No
Commen	ts:				L, 1966-240				
								r.	
							Determina	tion:	Upland



			Noutine	Onsite	Memon		Pacific F	labitat Ser	vices, inc.
Project:		Molall	a LWI	Number: 2250			Sample Site	BC-1	2B-49
Applican	t: C	ity of Mola	ılla	County:	Clack	amas	Date:	4/2	5/01
Investiga	tors:	SE/FS		Township:	5 S	Range:	2E	Section:	8
Do Norma	l Circumstano	es exist on	this site?	Yes	Is the area a p	otential Prob	lem Area?		No
Is this an	Atypical Situa	tion?		No					
-				Pı	rimary Indicat	tors	Seco	ndary Indic	ators
HYDR	OLOGY			Inundated			Ox. rhizosp		Yes
				Sat. in Upper 12" Yes H20-staine			H20-stained	leaves	
Depth of	Surf. H2O		Inches	Water Marks Local Soil S			urvey		
Depth to		0	Inches	Drift Lines			FAC Neutra	al Test	
Depth to	Saturation	0	Inches	Sediment D	Deposits		Other		
				Drainage p	atterns	Yes	Criteria M	et:	Yes
SOILS	Monn	ad Series	Dayton silt	loam	11	ydric Soil?:		Yes	
SOILS			Typic Alba			nage Class:		oorly drain	ed
Depth	Matrix	Soil		x Concentr			ydric Soil	T drain	,u
(Inches)	Color	Texture*	Color		e/size/contrast	4	ndicators	Com	ments
0-5	10YR 3/2	SL							
5-10	10YR 3/1	SL			nedium, distino	ct			
10-14	10YR 2.5/1	SL	7.5YR 3/4	few, mediu	m, distinct			gravel	
		<u> </u>				L	- de de	<u> </u>	
*SD=Sand,	SDL=Sandy Loa	m, L=Loam, S	DCL=Sandy Cl	ay Loam, S=Sil	t, SL=Silt Loam, S	SCL=Silty Clay	Palanes -		
F02/45504344444							Criteria M	er a r	res
	Stratum	(0%)	Status	% Cover	Herbaceou	. Ctrotum	(100%)	Status	% Cover
Tree	Stratum	(076)	Status	76 COVEI	Juncus effusi		(10076)	FACW	35
					Alopecurus p			FACW	10
					Agrostis stole			FAC	20
					Festuca arun			FAC-	20
					Veronica am	ericana		OBL	3
					Carex feta			FACW	10
Shrub	Stratum	(0%)	Status	% Cover	Stachys coole	eyae		FACW	2
							(00/)		0/ 6
					Woody Vi	ine Stratum	(0%)	Status	% Cover
			141						
									
*Percent	of dominan	t species F	AC, FACW	, or OBL:	67%	N	Criteria M	et:	Yes
Commen	ts:								
							essentias museum		
							Determina	tion:	Wetland



			Routine	e Onsite	Method		Pacific I	labitat Sei	vices, inc.
Project:		Molall	a LWI		Number:	2250	Sample Site	e BC-1	2B-50
Applican	t: C	ity of Mola	ılla	County:	Clack	camas	Date:	4/2	25/01
Investiga	tors:	SE/FS		Township:	5S	Range:	2E	Section:	8
Do Norma	al Circumstan	ces exist on	this site?	Yes	Is the area a p	otential Probl	lem Area?		No
Is this an	Atypical Situa	tion?		No					
	- 1810-141-141		The state of the s	Pı	rimary Indica	tors	Seco	ndary Indic	ators
HYDR	OLOGY			Inundated		and the most	Ox. rhizosp		
				Sat. in Upper 12"			H20-stained	l leaves	
Depth of	Surf. H2O		Inches	Water Mar	·ks		Local Soil S	Survey	0
Depth to	Free H20	>13	Inches	Drift Lines			FAC Neutra	al Test	
Depth to	Saturation	>13	Inches	Sediment D	eposits		Other		
	200	i i		Drainage p	atterns		Criteria M	ek:	≥ No
SOILS	Mann	and Comings	Dout:16	laam	**	fordula Callo		V	•
SOILS			Dayton silt Typic Alba			(ydric Soil?: inage Class:		Yes oorly drain	ad
Depth	Matrix	Soil Soil		x Concentr			ydric Soil	T drain	eu
(Inches)	Color	Texture*	Color	1	e/size/contrast	-	ndicators	Com	ments
0-13	10YR 2/2	SL	1 8000 037 375 00000						
				L		L		<u> </u>	
*SD=Sand,	SDL=Sandy Loa	ım, L=Loam, S	DCL=Sandy C	lay Loam, S=Sil	t, SL=Silt Loam,	SCL=Silty Clay			
							Criteria M	et:	No.
	TATION			T-:	722 101			Т =	1010
Tree	Stratum	(0%)	Status	% Cover		ıs Stratum	(65%)	Status	% Cover
					Camassia qu			FACW	15
					Horkelia cor Vicia sativa	igesta		NOL UPL	5 5
					Geranium ro	hertianum		UPL	5
					Galium apar			FACU	10
					Alopecurus p			FACW	10
Shrub	Stratum	(30%)	Status	% Cover	Festuca arui			FAC-	30
	coparius*	`	UPL	85	Anthoxanthu			FACU	15
Crataegu	s douglasii		FAC	15	Woody V	ine Stratum	(5%)	Status	% Cover
					Rubus disco	lor*		FACU	100
	-15		L						
*Percent	of dominan	t species F	AC, FACV	, or OBL:	0%		Criteria M	et:	*No
Commen	ts:								
							Determina	tion:	Upland



			Rounn	e Onsite	Memoa		Pacific	Habitat Sei	rvices, inc
Project:	(07/5 <mark>1</mark> 7/11/12	Molall	a LWI	**	Number:	2250	Sample Sit	e BC-1	2B-51
Applican	t: C	ity of Mola	ılla	County:	Clack	kamas	Date:	4/2	25/01
Investiga	tors:	SE/FS		Township:	5S	Range:	2E	Section:	8
Do Norma	l Circumstan	ces exist on	this site?	Yes	Is the area a p	ootential Prob	lem Area?		No
Is this an	Atypical Situa	ition?		No				2	
HYDR	OLOGY	01-24-05	<u> </u>	Inundated Sat. in Upp	rimary Indica er 12"	tors Yes	Seco Ox. rhizosp H20-staine		eators Yes
Depth of	Surf. H2O		Inches Water Marks Local Soil Survey						
Depth to	Free H20	8	Inches	Drift Lines		al Test	20500		
Depth to	Saturation	7	Inches	Sediment Deposits Other					
				Drainage p	atterns		Criteria N	let: " #	Yes
soils	Clas	sification:	Dayton sil	aqualfs	Dra	lydric Soil?: inage Class:	p	Yes oorly drain	ed
Depth	Matrix	Soil		x Concentr	ations		ydric Soil		60
(Inches)	Color	Texture*	Color	abundance	e/size/contrast	Field I	ndicators	Com	ments
0-15 0-15	2.5Y 3/1 10YR 3/2	SL SL	=					50/50 mix	
			3		300 miles		2022001-000		500
*SD=Sand,	SDL=Sandy Loa	ım, L=Loam, S	DCL=Sandy C	lay Loam, S=Sil	lt, SL=Silt Loam,	SCL=Silty Clay	Loam, CL=Clay	y Loam, C=Cla	у
		050			The state of		Criteria M	let:	y Yes
VEGE	TATION								
Tree	Stratum	(0%)	Status	% Cover	Herbaceou	us Stratum	(100%)	Status	% Cove
					Veronica sci	utellata		OBL	10
					Festuca rubi			FAC+	30
					Alopecurus p			FACW	40
					Veronica ser	pyllifolia		FAC	15
									ľ
Shrub	Stratum	(0%)	Status	% Cover					
SHIUD	Stratum	(070)	Status	70 COTE					ļ
					Woody V	ine Stratum	(0%)	Status	% Cove
						18416		\$±	7
				ļ					
*Percent	of dominan	t species F	AC, FACV	V, or OBL:	100%		Criteria M	let:	Yes
Commen	ts:	See S						91	
								SIDA III SID	
				Y.			Determina	ition:	Wetland



			Routin	e Onsite	vietnoa		Pacific	Habitat Sei	rvices, Inc.		
Project:		Molal	la LWI		Number:	2250	Sample Sit	e BC-1	2B-52		
Applican	t: C	ity of Mola	alla	County:	Clack	kamas	Date:	4/2	25/01		
Investiga	tors:	SE/FS		Township:	5S	Range:	2E	Section:	8		
Do Norma	l Circumstan	ces exist on	this site?	Yes	Is the area a p	ootential Prob	lem Area?		No		
Is this an	Atypical Situa	ition?		No							
HYDR Depth of Depth to Depth to	OLOGY Surf. H2O Free H20 Saturation	>14 >14	Inches Inches Inches	Inundated Sat. in Upp Water Mar Drift Lines Sediment D Drainage p	ks Deposits	tors	Ox. rhizosp H20-stained Local Soil S FAC Neutr Other	riteria Met:			
SOILS	7.7		Dayton sil			lydric Soil?:		Yes	10.1		
Donath			Typic Alba			inage Class:		oorly drain	ed		
Depth (Inches)	Matrix Color	Soil Texture*		Concentr	ations e/size/contrast		ydric Soil ndicators	Corr	ments		
0-14	10YR 2.5/2		Color	abundance	e/size/contrast	Field I	ndicators	Con	шень		
8)	SDL=Sandy Loa	um, L=Loam, S	DCL=Sandy C	lay Loam, S=Sil	lt, SL=Silt Loam,	SCL=Silty Clay	Loam, CL=Clay		y No.=		
Tree	Stratum	(0%)	Status	% Cover	Herbaceou	ıs Stratum	(100%)	Status	% Cover		
					Lolium multi	3		UPL	20		
					Festuca arur			FAC-	30		
					Anthoxanthu		*	FACU	20		
					Festuca rubr		# "	FAC+	20		
					Vicia tetrasp Plantago lan			UPL	5		
Shrub	Stratum	(0%)	Status	% Cover	Cardamine o			FAC FAC	3 2		
					Woody V	ine Stratum	(0%)	Status	% Cover		
*Percent Commen	of dominan ts:	t species F	AC, FACV	V, or OBL:	25%		Griteria M		No		
							Determina	tion:	Upland		



ors: Circumstand typical Situa OLOGY urf. H2O ree H20	SE/FS ces exist on tion?		County: Township: Yes No Pr Inundated	5S Is the area a	2250 kamas Range: potential Probl			13-53 8/01 7 No	
ors: Circumstand typical Situa OLOGY urf. H2O ree H20	SE/FS ces exist on tion?		Township: Yes No	5S Is the area a	Range: potential Probl	2E em Area?		7	
Circumstand typical Situa OLOGY urf. H2O ree H20	ces exist on tion?	this site?	Yes No	Is the area a	potential Probl	em Area?	Section:		
typical Situa OLOGY urf. H2O ree H20	tion?	this site?	No Pr		· 			No	
OLOGY urf. H2O ree H20	20.72	8	Pr	imary Indica	ntars				
urf. H2O ree H20	9 20	8	Tarana and a market	imary Indica	tore				
HYDROLOGY Depth of Surf. H2O Depth to Free H20 >14			Sat. in Upper 12" Water Marks Drift Lines Sediment Deposits H20 Loca FAC Other			Ox. rhizosp H20-stained Local Soil S FAC Neutra Other			
Clas	sification:	Typic Alba	qualfs	Dra	inage Class:		Yes oorly draine	ed	
			I				Com	manta	
	ALDERSON BOOK AND ALLESS	Color	abundance	e/size/contrast	rieid II	idicators	Com	ments	
							1		
DL=Sandy Loa	m, L=Loam, S	DCL=Sandy Cl	ay Loam, S=Sil	t, SL=Silt Loam,	SCL=Silty Clay	Loam, CL=Clay	Loam, C=Clay	,	
						Criteria M	et:	- No	
TATION			3.00.000						
	(60%)	Status	% Cover	Herbaceo	us Stratum	(30%)	Status	% Cover	
arryana*		UPL	100				FACU	20	
	6			7.			UPL	20	
	.5			Bromus rigi	dus		UPL	20	
				Galium apa	rine*		FACU	20	
				Vicia sativa			UPL	2	
					-		FACU+	3	
Stratum	(10%)	Status		THE PROPERTY OF THE PARTY OF			FAC	5	
monogyna		FACU+	50	X X			UPL	5	
arpos albus	60	FACU	50	Woody V	ine Stratum	(0%)	Status	% Cover	
of dominan s:	t species F	AC, FACW	, or OBL:	0%	>			No Upland	
	Mappe Class Matrix Color 10YR 2/2 10YR 3/2 DL=Sandy Loa FATION Stratum arryana* Stratum monogyna arpos albus	Mapped Series: Classification: Matrix Soil Color Texture* 10YR 2/2 SL 10YR 3/2 SCL DL=Sandy Loam, L=Loam, S TATION Stratum (60%) arryana* Stratum (10%) monogyna arpos albus	Mapped Series: Dayton silt Classification: Typic Alba Matrix Soil Redo Color Texture* Color 10YR 2/2 SL 10YR 3/2 SCL DL=Sandy Loam, L=Loam, SDCL=Sandy Cl TATION Stratum (60%) Status arryana* UPL Stratum (10%) Status monogyna arpos albus FACU+ FACU of dominant species FAC, FACW	Mapped Series: Dayton silt loam Classification: Typic Albaqualfs Matrix Soil Redox Concentrations Color Texture* Color abundance 10YR 2/2 SL 10YR 3/2 SCL DL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Sil FATION Stratum (60%) Status % Cover arryana* UPL 100 Stratum (10%) Status % Cover monogyna FACU+ 50 arpos albus FACU 50 of dominant species FAC, FACW, or OBL:	Mapped Series: Dayton silt loam Classification: Typic Albaqualfs Matrix Soil Redox Concentrations Color Texture* Color 10YR 2/2 SCL DL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, Stratum (60%) Status We Cover Herbaceo Colium multi Bromus rigi Galium apa Vicia sativa Prunella vu Stratum (10%) Status We Cover Holcus lana Monogyna Arpos albus FACU FACU FACU FACU FACU FACU FACU FACU	Mapped Series: Dayton silt loam Hydric Soil?: Classification: Typic Albaqualfs Drainage Class: Matrix Soil Redox Concentrations Other Hydric Soil?: Color Texture* Color abundance/size/contrast Field In 10 YR 2/2 SL 10 YR 3/2 SCL DL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay In 10 Yr 2/2 SL 10 Yr 3/2 SCL DL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay In 10 Yr 2/2 SL 10 Yr 3/2 SCL TATION Stratum (60%) Status % Cover Herbaceous Stratum arryana* UPL 100 Dactylis glomerata Lolium multiflorum * Bromus rigidus Galium aparine * Vicia sativa Prunella vulgaris Holcus lanatus Geranium robertianum arryos albus FACU 50 Woody Vine Stratum of dominant species FAC, FACW, or OBL: 0% S:	Mapped Series: Dayton silt loam Classification: Typic Albaqualfs Matrix Soil Color Texture* Color DL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Criteria M TATION Cratum (60%) Status UPL 100 Dactylis glomerata Lolium multiflorum* Bromus rigidus Galium aparine* Vicia sativa Prunella vulgaris Monogyna Arryos albus FACU 50 Geranium robertianum FACU 50 Geranium species FAC, FACW, or OBL: Of dominant species FAC, FACW, or OBL: Of dominant species FAC, FACW, or OBL: Of dominant species FAC, FACW, or OBL: Of dominant species FAC, FACW, or OBL: Of dominant species FAC, FACW, or OBL: Of dominant species FAC, FACW, or OBL: Of dominant species FAC, FACW, or OBL: Of dominant species FAC, FACW, or OBL: Of dominant species FAC, FACW, or OBL: Of dominant species FAC, FACW, or OBL: Of dominant species FAC, FACW, or OBL: Of dominant species FAC, FACW, or OBL: Of dominant species FAC, FACW, or OBL: Of dominant species FAC, FACW, or OBL: Of dominant species FAC, FACW, or OBL:	Mapped Series: Dayton silt loam Hydric Soil?: Yes Classification: Typic Albaqualfs Drainage Class: poorly drained Matrix Soil Redox Concentrations Other Hydric Soil Texture* Color abundance/size/contrast Field Indicators Communityra 2/2 SL 10YR 3/2 SCL SCL Color Stratum (30%) Status Criteria Met: TATION Stratum (60%) Status % Cover Herbaceous Stratum (30%) Status arryana* UPL 100 Dactylis glomerata Lolium multiflorum* UPL Bromus rigidus UPL Galium aparine* FACU Vicia sativa UPL Prunella vulgaris FACU+ Vicia sativa UPL Arpos albus FACU+ 50 Geranium robertianum UPL Arpos albus FACU 50 Woody Vine Stratum (0%) Status Of dominant species FAC, FACW, or OBL: 0% Criteria Met:	



			Kouunc	Ousite	Methon		racine r	labitat Sei	vices, inc.
Project:		Molall	a LWI		Number:	2250	Sample Site BC-		13-54
Applican	:: C i	ity of Mola	ılla	County:	Clack	kamas	Date:	4/1	8/01
Investiga	ors:	SE/FS		Township:	5 S	Range:	2E	Section:	7
Do Norma	l Circumstano	es exist on	this site?	Yes	Is the area a p	otential Prob	olem Area?		No
Is this an A	Atypical Situa	tion?		No					
HYDROLOGY Depth of Surf. H2O Inches Depth to Free H20 0 Inches Depth to Saturation 0 Inches			Inches	Primary Indicators Inundated Sat. in Upper 12" Water Marks Drift Lines Sediment Deposits			Secondary Indicators Ox. rhizospheres H20-stained leaves Local Soil Survey FAC Neutral Test Other		
				Drainage p	atterns	Yes	Criteria M	et:	Yes
SOILS	Clas	sification:	Dayton silt	qualfs	Drai	ydric Soil? inage Class	: po	Yes porly drain	ed
Depth (Inches)	Matrix Color	Soil Texture*	Color	x Concentr		-	Iydric Soil Indicators	Com	ments
0-10	10YR 2/2	SL	Color	abundance	e/size/contrast	Field	Indicators	Com	ments
10-14	10YR 3/1	SL	10YR 3/3	common, n	nedium, faint				
						l		L	
*SD=Sand,	SDL=Sandy Loa	m, L=Loam, S	DCL=Sandy Cl	ay Loam, S=Sil	t, SL=Silt Loam,	SCL=Silty Clay			
						1777	Criteria M	CLS)	Yes
	TATION Stratum	(0%)	Status	% Cover	Herbaceou	. Ctratum	(100%)	Status	% Cover
1166	Stratum	(0/0)	Status	76 COVE	Alopecurus p		(10076)	FACW	80
					Festuca arun			FAC-	10
					Festuca rubr	a		FAC+	5
					Galium apar	rine		FACU	3
					Prunella vul	garis		FACU+	2
		(50)	-	0/ 5					
Shrub	Stratum	(0%)	Status	% Cover					
			E.		Woody Vi	ine Stratum	1 (0%)	Status	% Cover
			l II						
jā.									
*Percent	of dominan	t species F	AC, FACW	, or OBL:	100%		Criteria M	et:	Yes
Commen	ts:	W. 1727	8	18 18 18 18 18 18 18 18 18 18 18 18 18 1	- VC	777			
							Det.	c	317 27
							Determina	tion:	Wetland



			Kouting	e Onsite	Methon		Pacific I	labitat Sei	vices, inc.
Project:		Molall	a LWI	10	Number:	2250	Sample Site BC-1		15-55
Applican	t: C	ity of Mola	ılla	County:	Clack	amas	Date:	4/1	8/01
Investiga	tors:	SE/FS		Township:	58	Range:	2E	Section:	7
Do Norma	al Circumstan	ces exist on	this site?	Yes	Is the area a p	otential Prob	lem Area?		No
Is this an .	Atypical Situa	ation?		No		_			
	OLOGY		*	Inundated Sat. in Upp	Inundated Ox. rhize Sat. in Upper 12" Yes H20-stai				eators
	Surf. H2O	_	Inches	Water Man		,	Local Soil S		
Depth to	Saturation	5 0	Inches Inches	Drift Lines FAC Neutral Test					
Depth to	Satul ation	U	inches	See	Sediment Deposits Other Drainage patterns Criteria Met:				
Drainage patterns Criteria A									Yes
SOILS			Dayton silt Typic Alba			ydric Soil? nage Class		Yes oorly drain	ed
Depth	Matrix	Soil		x Concentr	ations	Other H	lydric Soil		
(Inches)	Color	Texture*	Color	abundance	e/size/contrast	Field I	ndicators	Com	ments
0-13	2.5Y 3/2	SL							
13-16	2.5Y 3/2	SCL	10YR 4/6	common, n	nedium, distinc	ct I			
		Ĭ							
*SD=Sand,	SDL=Sandy Loa	am, L=Loam, S	DCL=Sandy Cl	ay Loam, S=Sil	t, SL=Silt Loam, S	SCL=Silty Clay	Loam, CL=Clay	Loam, C=Cla	·/
			1 /				Criteria M		Yes
VEGE	TATION		-						
	Stratum	(0%)	Status	% Cover	Herbaceou	s Stratum	(100%)	Status	% Cover
					Alopecurus p			FACW	85
					Geranium ro	bertianum		UPL	5
					Galium apar	ine		FACU	10
								14.	
ChL	Ctrotur	(00/)	Status	% Cover					
Shrub	Stratum	(0%)	Status	% Cover		×		1	
					Woody Vi	ne Stratum	(0%)	Status	% Cover
					, , ,		(- , 0)		
	of dominan	t species F	AC, FACW	, or OBL:	100%		Criteria M	et:	Yes
Commen	ts:								
							Day Market Control	** Sets (55.5° - 41.959 6°)	W 21
						-	Determina	tion:	Wetland



			Routine	Onsite	Method		Pacific I	Habitat Sei	vices, Inc
Project:		Molali	la LWI		Number:	2250	Sample Site BC-15		15-56
Applican	t: C	ity of Mola	alla	County:	Clack	kamas	Date:	6/	6/01
Investiga	tors:	SE/PF		Township:	58	Range:	2E	Section:	7
Do Norma	l Circumstan	ces exist on	this site?	Yes	Is the area a p	otential Prob	lem Area?		No
Is this an	Atypical Situa	ition?		No	1.55				
				P	rimary Indica	tors	Seco	ndary Indic	ators
HYDR	OLOGY			Inundated			Ox. rhizospheres		
				Sat. in Upper 12"			H20-stained	d leaves	
	Surf. H2O		Inches	1			Local Soil S	•	
Depth to		>14	Inches	Drift Lines			FAC Neutra	al Test	
Depth to	Saturation	>14	Inches	Sediment I	- 		Other	And the second second	
				Drainage p	atterns		Criteria M	let: 🤲 🥕	Nove
SOILS	N/		A !4 '10 '	1	**				
SOILS			Amity silt Argiaquic			lydric Soil?: inage Class:		No	ال مانسان
Depth	Matrix	Soil Soil		x Concentr			ydric Soil	hat poorly	drained
(Inches)	Color	Texture*			e/size/contrast		ndicators	Com	ments
0-14	10YR 3/2	SL	_	common, n	nedium, faint		•		
AT .						18		1	
		<u> </u>		l		L		<u> L</u>	
*SD=Sand,	SDL=Sandy Loa	ım, L=Loam, S	DCL=Sandy Cl	ay Loam, S=Si	lt, SL=Silt Loam,	SCL=Silty Clay	gettedelikelikelikelikelikelikelikelikelikelik		
				<u> </u>			Criteria M	ett	Yes
	TATION			F-2					
Tree	Stratum	(0%)	Status	% Cover			(100%)	Status	% Cove
					Festuca arui			FAC-	10
					Holcus lanai Agrostis teni			FAC FAC	10 20
					Lolium multi			UPL	20
					Bromus moli			UPL	30
					Anthoxanthu			FACU	10
Shrub	Stratum	(0%)	Status	% Cover					
					Woody V	ine Stratum	(0%)	Status	% Cove
					l			<u></u>	
*Da====4	of do!	t on sales E	AC ELON	/ on ODI	220/		Caltant		NT.
	of dominan	i species F	AC, FACW	, or OBL:	33%	0.	Criteria M	eti	No
Commen	ıs:								
							Determina	tion	Upland
							рссетина	CIOII.	ериани



			Kouune	Ousite	Method		Pacific I	labitat Ser	vices, Inc.
Project:		Molal	la LWI		Number:	2250	Sample Site BC-		15-57
Applican	t: (City of Mola	alla	County:	Clack	kamas	Date:	6/	6/01
Investiga	tors:	SE/PF		Township:	5 S	Range:	2E	Section:	7
Do Norma	l Circumstar	nces exist on	this site?	Yes	Is the area a p	otential Prob	lem Area?	20	No
Is this an	Atypical Situ	ation?		No					
19			***	P	rimary Indica	tors	Secondary Indicators		
HYDR	OLOGY			Inundated			Ox. rhizospheres Ye		
				Sat. in Upper 12"			H20-stained leaves		
	Surf. H2O	-11	Inches	Water Man			Local Soil S		
Depth to		>14 >14	Inches Inches	Drift Lines			FAC Neutra	Algal mat	
Depth to	Depth to Saturation >14 Inches			Sediment I	2	Vos	Other Criteria M		
			N-241-1	Drainage p	atterns	Yes	Cuttana M	etz :	
SOILS	Мар	ped Series:	Amity silt	loam	н	ydric Soil?:		No	
	100 1000	•	Argiaquic 2			inage Class:		hat poorly	drained
Depth	Matrix	Soil	Redo	x Concentr	ations	Other H	ydric Soil		
(Inches)	Color	Texture*	Color	abundance	e/size/contrast	Field I	ndicators	Com	ments
0-8	10YR 3/2	SL		~					9
8-14	2.5Y 5/2	SCL	10YR 4/6	common, fi	ne, distinct				
					9			1	
*SD=Sand,	SDL=Sandy Lo	am, L=Loam, S	DCL=Sandy Cl	ay Loam, S=Sil	t, SL=Silt Loam,	SCL=Silty Clay	Loam, CL=Clay	Loam, C=Clay	,
							Criteria M	et:	Yes
VEGE	TATION	W(17)					,		
	Stratum	(0%)	Status	% Cover	Herbaceou	ıs Stratum	(100%)	Status	% Cover
					Holcus lanat	tus		FAC	10
				6	Rumex crisps	us		FAC+	2
					Juncus tenui			FACW-	3
				r)	Alopecurus g	geniculatus*		OBL	85
						3			
Chrub	Stratum	(0%)	Status	% Cover				21	
SHIUD	Stratum	(070)	Status	76 COVEI					
					Woody Vi	ine Stratum	(0%)	Status	% Cover
				127					l.
						- HERMAN KAR		<u> </u>	
*Percent	of dominar	nt species F	AC, FACW	, or OBL:	100%	ž)	Criteria M	et:	Yes
Commen	ts:								
			:0				Determina	tion:	Wetland



			Koutin	e Onsite	Michiga		Pacific	Habitat Ser	vices, inc.	
Project:		Molal	a LWI		Number:	2250	Sample Sit	e BC-1	6B-58	
Applicant	: (City of Mola	alla	County:	Clac	kamas	Date:	6/	6/01	
Investigat	ors:	SE/PF		Township:	5S	Range:	2E	Section:	7	
Do Norma	l Circumstar	nces exist on	this site?	Yes	Is the area a	potential Prob	lem Area?		No	
Is this an A	Atypical Situ	ation?		No						
HYDROLOGY Depth of Surf. H2O Inches Depth to Free H20 >14 Inches Depth to Saturation >14 Inches				Inundated Sat. in Upp Water Mar Drift Lines	Sat. in Upper 12" Water Marks Drift Lines H2 H2			Secondary Indicators Ox. rhizospheres H20-stained leaves Local Soil Survey FAC Neutral Test		
Depth to s	Depth to Saturation >14 Inches			Sediment I Drainage p	□		Other		No	
SOILS Depth (Inches)	-	ped Series: assification: Soil Texture*	Argiaquic	Xeric Argia	lbolls Dra ations			No hat poorly	drained ments	
0-14	10YR 3/4	SL		T	e/size/contrast		- UF-05 700			
*SD=Sand, S	SDL=Sandy Lo	am, L=Loam, S	DCL=Sandy C	lay Loam, S=Sil	t, SL=Silt Loam,	SCL=Silty Clay				
	7	-					Criteria M	et:	- No	
	TATION	(00/)	r a	Tay o			(1000()	1	Ta/ 6	
Tree	Stratum	(0%)	Status	% Cover		us Stratum	(100%)	Status	% Cove	
	Tree Stratum (0%) Status				Anthoxanthum odoratum* Chrysanthemum leucanthemum Trifolium pratense Hypochaeris radicata Rumex acetosella Plantago lanceolata			FACU FACU FACU FACU+ FAC	60 5 10 5 10 5	
Shrub	Stratum	(0%)	Status	% Cover						
					Woody V	ine Stratum	(0%)	Status	% Cove	
*Percent Commen		nt species F	AC, FACV	V, or OBL:	0%		Criteria M		No Upland	



			1toutime	Ousite	······································		T defile I	THORESON	vices, inc.
Project:		Molal	a LWI		Number:	2250	Sample Site	BC-1	6B-59
Applican	t: C	ity of Mola	alla	County:	Clack	amas	Date:	6/	6/01
Investiga	tors:	SE/PF		Township:	58	Range:	2E	Section:	7
Do Norma	ıl Circumstan	ces exist on	this site?	Yes	Is the area a p	otential Prob	lem Area?		No
Is this an	Atypical Situa	ition?		No					*
				P	rimary Indica	tors	Seco	ndary Indic	ators
HYDR	OLOGY			Inundated			Ox. rhizospheres Yes		
				Sat. in Upp	er 12"	H20-stained	l leaves		
-	Surf. H2O		Inches	Water Marks Local				urvey	
Depth to		>12	Inches	Drift Lines			FAC Neutra	al Test	
Depth to	Saturation	>12	Inches	Sediment D	Deposits		Other		
	No.			Drainage p	atterns	Yes	Criteria M	ets .	Yes
			2 120 220						
SOILS			Amity silt			ydric Soil?:		No	
D41		~		Xeric Argia		nage Class:		hat poorly	drained
Depth (Inches)	Depth Matrix Soil Red nches) Color Texture* Color			x Concentr		4	ydric Soil ndicators	Com	ments
0-12	10YR 3/1	SL	Color	abundance	e/size/contrast	rieiu i	nuicators	Com	ments
0-12	101103/1	J SL							
*SD=Sand,	SDL=Sandy Loa	ım, L=Loam, S	DCL=Sandy Cl	ay Loam, S=Sil	t, SL=Silt Loam,	SCL=Silty Clay	Loam, CL=Clay	Loam, C=Clay	,
							Criteria M	et:	Yes
VEGE	TATION								
	Stratum	(0%)	Status	% Cover	Herbaceou	s Stratum	(100%)	Status	% Cover
					Phalaris aru			FACW	35
					Juncus effusi	us		FACW	15
					Veronica am			OBL	25
					Alopecurus p	oratensis		FACW	15
					Juncus tenui:	S		FACW-	10
Shrub	Stratum	(0%)	Status	% Cover					
		4			Woody Vi	ine Stratum	(0%)	Status	% Cover
			3					1 10	
- w			L	l	L.,				L
*Percent	of dominan	t snecies F	AC. FACW	or ORI •	100%		Criteria M	êt -	Yes
Commen		e species I	AC, PAC II	, or Obl.	100 /0		Control of the Contro		
Commen									
		•					Determina	tion:	Wetland
							The second secon		



Project: Molalla LWI Number: 2250 Sample Site B Applicant: City of Molalla County: Clackamas Date: Investigators: SE/PF Township: 5S Range: 2E Section Do Normal Circumstances exist on this site? Yes Is the area a potential Problem Area? Is this an Atypical Situation? No Primary Indicators Secondary Inundated Ox. rhizospheres	5/1/01 n: 7 No									
Investigators: SE/PF Township: 5S Range: 2E Section Do Normal Circumstances exist on this site? Yes Is the area a potential Problem Area? Is this an Atypical Situation? No Primary Indicators Secondary In	n: 7									
Do Normal Circumstances exist on this site? Is this an Atypical Situation? Primary Indicators Secondary In										
Is this an Atypical Situation? No Primary Indicators Secondary In	No									
Primary Indicators Secondary In										
ACTIVITATION TO BANK TO THE PARTY TO THE PARTY TO THE PARTY THE PARTY TO THE PARTY THE										
Septimental properties of the										
in in the control of										
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 6 Inches Sediment Deposits Other										
Drainage patterns Yes Criteria Met:	Yes									
COVIC Manual Series Waster its Indian Waster its Indian										
SOILS Mapped Series: Wapato silty clay loam Hydric Soil?: Yes										
Classification: Fluvaquentic Endoaquolls Drainage Class: poorly dr Depth Matrix Soil Redox Concentrations Other Hydric Soil	ained									
• • • • • • • • • • • • • • • • • •	Comments									
0-18 10YR 2/2 SL fe concretions	- CHIMENTS									
*SD=Sand, SDL=Sandy Loam, L=Loam, SDCL=Sandy Clay Loam, S=Silt, SL=Silt Loam, SCL=Silty Clay Loam, CL=Clay Loam, C=	Clay									
Criteria Met:	Yes									
VEGETATION	5.6.94.06.10.09000.									
Tree Stratum (0%) Status % Cover Herbaceous Stratum (100%) Statu	s % Cover									
Impatiens noli-tangere* FAC	W 30									
Phalaris arundinacea* FAC	W 70									
	34									
Shrub Stratum (0%) Status % Cover										
YVdYi Ctt (00/) Ctt-	ıs % Cover									
Woody Vine Stratum (0%) Statu	is 76 Cover									
*Percent of dominant species FAC, FACW, or OBL: 100% Criteria Met:	Yes									
Comments:										
Determination:	Wetland									



				Onsite	Memon	1000	T dellie	Haditat Sei	vices, inc.
Project:		Molall	a LWI		Number:	2250	Sample Site BC-17-61		
Applican	t: C	ity of Mola	ılla	County:	Clack	camas	Date:	5/	1/01
Investigat	tors:	SE/PF		Township:	5 S	Range:	2E	Section:	7
Do Norma	l Circumstan	ces exist on	this site?	Yes	Is the area a p	otential Prob	lem Area?		No
Is this an A	Atypical Situa	tion?		No	¥				
HYDROLOGY Depth of Surf. H2O Inches Depth to Free H20 >14 Inches Depth to Saturation >14 Inches SOILS Mapped Series: Dayton si Classification: Typic Alb				aqualfs Drainage Class			s: poorly drained		
Depth	Matrix	Soil		x Concentr	ations		ydric Soil		
(Inches)	Color 10YR 3/4	Texture*	Color	abundance	e/size/contrast	Field I	ndicators	Com	ments
	4		DCL=Sandy Cl	ay Loam, S=Sil	lt, SL=Silt Loam,	SCL=Silty Clay	Loam, CL=Clay	y Loam, C=Clay	,
							Criteria M	let:	No.
VEGE	TATION		Na (Mar)	Single Head				Transl.	
781222	Stratum	(10%)	Status	% Cover	Herbaceou	s Stratum	(70%)	Status	% Cover
Abies pro		(20,0)	NOL	100	Festuca arun		(,	FAC-	35
0.5					Hypochaeris			FACU	10
					Agrostis tenu			FAC	20
					Cirsium arve	ense		FACU+	5
					Vicia sativa			UPL	5
			10		Taraxacum o	officinale		FACU	5
Shrub	Stratum	(0%)	Status	% Cover				FAC+	5
					Trifolium rep		All Commences of the	FAC	10
			8			ine Stratum	(20%)	Status	% Cover
					Rubus discol	or*		FACU	100
*Percent	of dominan	t species F	AC, FACW	/, or OBL:	33%		Criteria M	let:	No .
Commen	ts:	Christmas	tree farm						
							Determina	tion:	Upland



			Routine	Ousite	Method		Pacific F	labitat Sei	vices, inc.
Project:		Molall	a LWI		Number:	2250	Sample Site BC-18		18-62
Applican	t: C	ity of Mola	ılla	County:	Clack	amas	Date:	4/2	25/01
Investiga	tors:	SE/FS		Township:	5 S	Range:	2E	Section:	8
Do Norma	l Circumstan	ces exist on	this site?	Yes	Is the area a p	otential Prob	lem Area?	71112000	No
Is this an	Atypical Situa	ition?	· company of the control of the cont	No				A Company of the Comp	
HYDROLOGY Depth of Surf. H2O 1 Inches Depth to Free H20 0 Inches Depth to Saturation 0 Inches			Inches	Primary Indicators Inundated Yes Sat. in Upper 12" Yes Water Marks Drift Lines Sediment Deposits			Secondary Indicators Ox. rhizospheres Yes H20-stained leaves Local Soil Survey FAC Neutral Test Other		
1000				Drainage p	atterns		Criteria M	et:	Yes
SOILS Depth	7.7		Clackamas Typic Argi Redo		Drai	ydric Soil?: nage Class: Other H		No hat poorly	drained
(Inches)	Color	Texture*	Color	L. Carrier Control of the Control of	e/size/contrast	Field I	ndicators	Com	ments
0-9 9-14	10YR 3/2 10YR 4/2	SL SL		few, mediu	m, distinct nedium, distinc	ct 		gravel	
*SD=Sand,	SDL=Sandy Loa	m, L=Loam, S	DCL=Sandy Cl	ay Loam, S=Sil	t, SL=Silt Loam,	SCL=Silty Clay	Loam, CL=Clay	Loam, C=Clay	/
					(1		Criteria M	et:	Yes
VEGE	TATION								20.007.610.2
Tree	Stratum	(0%)	Status	% Cover	Herbaceou		(100%)	Status	% Cove
					Agrostis stole			FAC	30
					Ranunculus 1			FACW	30
					Juncus paten Festuca arun			FACW FAC-	20 10
		24			Veronica scu			OBL	5
									1.50
Shrub	Stratum	(0%)	Status	% Cover	U	17			
						1200			
					Woody Vi	ne Stratum	(0%)	Status	% Cove
									19
*Percent	of dominan	t species F	AC, FACW	, or OBL:	100%		Criteria M	et:	Yes
Commen	ts:						779 644 18 937		
							Determina	tion.	Wetland
				10-11-0			Locici dulla		Colane



	The second second				Commence of the Control of the Contr	112447		* (New York	200
Project:		Molall	a LWI		Number:	2250	Sample Sit	te BC-	18-63
Applican	t: C	ity of Mola	alla	County:	Clack	camas	Date:	4/2	5/01
Investiga	tors:	SE/FS		Township:	5 S	Range:	2E	Section:	8
Do Norma	al Circumstan	ces exist on	this site?	Yes	Is the area a p	otential Probl	lem Area?		No
Is this an A	Atypical Situa	ation?		No					
				Pı	rimary Indica	tors	Seco	ndary Indic	ators
HYDR	OLOGY			Inundated			Ox. rhizosp		Yes
				Sat. in Upper 12" H20			H20-staine	d leaves	
Depth of	Surf. H2O		Inches	Water Marks Local Soil			Survey		
Depth to		>12	Inches	Drift Lines			FAC Neutr	al Test	
Depth to S	Depth to Saturation >12 Inches				Deposits		Other		
			UNIAN AND AND AND AND AND AND AND AND AND A	Drainage p	atterns		Criteria N	let: 🗼 👙	+:=No
	<u></u>		~· ·		2.74			72.12	*
SOILS			Clackamas			ydric Soil?:		No	
Depth	Matrix	Soil Soil	Typic Argi	x Concentra		inage Class:	ydric Soil	vhat poorly	drained
(Inches)	Color	Texture*	Color	T	e/size/contrast		ndicators	Com	ments
0-12	10YR 3/2	SL	COIOI	abundance	e size/conti ast	I teta I	ducators	Com	ments
V	1011012	52							
*SD=Sand,	SDL=Sandy Loa	ım, L=Loam, S	DCL=Sandy Cl	lay Loam, S=Sil	t, SL=Silt Loam,	SCL=Silty Clay	Loam, CL=Clay	y Loam, C=Clay	,
					14 - 24		Criteria M	let:	-No
VEGE	TATION								PS 127 610
	Stratum	(0%)	Status	% Cover	Herbaceou	ıs Stratum	(30%)	Status	% Cover
		*			Festuca arun	ndinacea*		FAC-	30
					Agrostis tenu	ıis*		FAC	30
					Daucus caro	ta*		UPL	20
					Juncus tenui.	s		FACW-	15
				Ì	Vicia sativa			UPL	5
C1 .	C4	((=0/)	C4-4	0/ 0-					
	Stratum coparius*	(65%)	Status	% Cover 75					
	coparius* s douglasii		UPL FAC	15	Woody Vi	ine Stratum	(5%)	Status	% Cover
Craiaegu. Prunus av	_		UPL	10	Rubus discol		(370)	FACU	100
runus ui	···		OLL	10	Tuous uiscoi	01		IACU	100
				1					
*Percent	of dominan	t species F.	AC, FACW	, or OBL:	20%	(1	Criteria M	let: 🔹 . 🦠	No
Commen	ts:	17.000000							
				5			Determina	tion:	Upland



	2000 2000 2000	•	Routine	Onsite	vietnoa		Pacific I	labitat Sei	rvices, Inc
Project:		Molall	la LWI		Number:	2250	Sample Site	e BC-2	22B-64
Applican	t: (City of Mola	alla	County:	Clack	camas	Date:	5/	1/01
Investiga	tors:	SE/PF		Township:	5S	Range:	2E	Section:	8
Do Norma	l Circumstar	nces exist on	this site?	Yes	Is the area a p	otential Prob	lem Area?		No
Is this an	Atypical Situ	ation?		No	10 S				
	W. San	CANA.		P	rimary Indica	tors	Seco	ndary Indic	cators
HYDR	OLOGY			Inundated			Ox. rhizospheres		
				Sat. in Upper 12"			H20-stained		
	Surf. H2O		Inches	Water Mai		Yes	Local Soil S		
	Depth to Free H20 >14 Inches			Drift Lines			FAC Neutra	al Test	
Depth to Saturation >14 Inches		Inches	Sediment I			Other	Service of the service of the	A CONTRACTOR OF THE PARTY OF TH	
				Drainage p	atterns	Yes	Criteria M	et:	Yes
SOILS	Man	ped Series:	Wanata sil	ty clay loan	, 10	ydric Soil?:		Yes	
SOILS		ssification:		(E) (E)		inage Class:		oorly drain	ed
Depth	Matrix	Soil		x Concentr			ydric Soil	T drain	ou
(Inches)	Color	Texture*			e/size/contrast		ndicators	Con	iments
0-8	10YR 3/2	SCL							
8-14	10YR 3/2	SCL	7.5YR 4/6	common, n	nedium, distin	ct			
		<u> </u>	L	<u>L</u>		<u> </u>		<u> </u>	
*SD=Sand,	SDL=Sandy Lo	am, L=Loam, S	DCL=Sandy Cl	ay Loam, S=Si	t, SL=Silt Loam,	SCL=Silty Clay			
							Criteria M	eu	Yes
	TATION	(00 ()		12/ 6				Г	I
Tree	Stratum	(0%)	Status	% Cover	Herbaceou		(100%)	Status	% Cove
					Phalaris aru			FACW	75
					Impatiens no	_		FACW FACU	20 5
					Galium apar	ine		FACU	3
					ĺ				
					Ì				
Shruh	Stratum	(0%)	Status	% Cover					
					Woody Vi	ine Stratum	(0%)	Status	% Cove
							ş		1
			L		L				
Doroon	of domina-	ıt engaine E	AC EACH	or OPI .	100%		Criteria M	ot the Editor	Vos
Commen		it species F	AC, FAC W	, or OBL:	100 /0		CITICITA IVI	C. C	100
Johnnen	is.								
							Determina	tion:	Wetland
							STREET, CONTRACTOR OF THE PARTY	· 中央の一方の一方の方式を	THE LEVEL DIVING A PARTY.



Project:		Molal	la LWI		Number:	2250	Sample Site	BC-2	2B-65
Applican	t:C	ity of Mola	alla	County:	Clack	amas	Date:	5/:	1/01
Investiga	tors:	SE/PF		Township:	5S	Range:	2E	Section:	8
Do Norma	l Circumstan	ces exist on	this site?	Yes	Is the area a p	otential Prob	lem Area?		No
Is this an	Atypical Situa	ition?		No	10 m	_			
		-		Pı	rimary Indica	tors	Secor	idary Indic	ators
HYDR	OLOGY			Inundated			Ox. rhizospl	ieres	
				Sat. in Upp	er 12"		H20-stained	leaves	
	Surf. H2O		Inches	Water Mar			Local Soil St		
Depth to		>14	Inches	Drift Lines			FAC Neutra	l Test	
Depth to	Saturation	>14	Inches	Sediment D	Deposits		Other	SPROVED TO A MAN OF HOUSE	
				Drainage p	atterns		Criteria Mo	et:	No
			a . 11 11		-			220	
SOILS			Sawtell silt			ydric Soil?:		No	
Donth	Matrix	Soil Soil	Ultic Argix	x Concentr		inage Class:	ydric Soil	ately well o	irained
Depth (Inches)	Color	Texture*			e/size/contrast	그렇게 생생들이 없는데 없었다.	ndicators	Com	ments
0-14	10YR 2/1	SL	Color	abundance	e/size/contrast	riciu i	nuicators	Com	ments
V									
				l					
*SD=Sand,	SDL=Sandy Loa	ım, L=Loam, S	DCL=Sandy Cl	ay Loam, S=Sil	t, SL=Silt Loam,	SCL=Silty Clay	Loam, CL=Clay	Loam, C=Clay	у
							Criteria Mo	et: 🕞 🤼	Yes
VEGE	TATION		2007						
Tree	Stratum	(0%)	Status	% Cover	Herbaceou	ıs Stratum	(100%)	Status	% Cover
1.		7.5			Festuca arun	ndinacea*	3:	FAC-	80
					Taraxacum o	officinale		FACU	10
			0		Ranunculus	repens		FACW	5
					Rumex crisps			FAC+	2
					Convolvulus	arvensis		UPL	2
		(00/)		0/ 5					<u> </u>
Shrub	Stratum	(0%)	Status	% Cover					
		10			Woody Vi	ine Stratum	(0%)	Status	% Cover
h					woody vi	me Stratum	(0%)	Status	76 Cover
							ts.		
				1111					
*Percent	of dominan	t species F	AC, FACW	, or OBL:	0%		Criteria Me	et: - 1 - 1 de -	$\sim No^{-1}$
Commen	ts:								
					11				
						İ	Determinat	ion:	Upland



			Nouth	C OHSILC	Method		r acme i	Iabitat Sci	vices, Inc.
Project:		Molall	a LWI		Number:	2250	Sample Site	BC-2	2B-66
Applican	t:	City of Mola	illa	County:	Clac	kamas	Date:	5/:	1/01
Investiga	tors:	SE/PF		Township:	5S	Range:	2E	Section:	8
Do Norma	al Circumsta	ances exist on	this site?	Yes	Is the area a	potential Probl	lem Area?	2007/10	No
Is this an .	Atypical Sit	uation?		No					
	OLOGY Surf. H2O		Inches	Inundated Sat. in Upp Water Mar		Yes	Secon Ox. rhizosp H20-stained Local Soil S	leaves	rators Yes
Depth to		10	Inches	Drift Lines			FAC Neutra	The Branch of the Co.	
Depth to	Saturation		Inches	Sediment D	eposits		Other	\$	
927				Drainage p	atterns	Yes	Criteria M	et:	Yes
SOILS	Ci	pped Series:	Fluvaquen	tic Endoaqu	olls Dra	Iydric Soil?: inage Class:	p	Yes porly drain	ed
Depth (Inches)	Matrix Color	Soil Texture*		x Concentr	e/size/contrast	-	ydric Soil ndicators	Com	ments
0-14	5Y 3/1	SCL	5YR 4/6	3255 TO 0.11 TO 0.00 T	se, prominent		duicators	Com	ments
		.oam, L=Loam, S	DCL=Sandy Cl	lay Loam, S=Sil	t, SL=Silt Loam,	SCL=Silty Clay	Loam, CL=Clay Criteria M		
	CTATION	(200/.)	Status	% Cover	Hawkassa	us Ctustum	(80%)	Status	% Cove
	Stratum latifolia*	(20%)	FACW	100	Ranunculus	us Stratum	(80%)	FACW	20
I Tuxinus	iuijoiu		IACH	100	Rumex crisp			FAC+	10
					Leadilly, and account conservation	geniculatus*		OBL	20
			0.1		Lotus cornic	60 A		FAC	5
					Trifolium re	pens		FAC	5
				4	Alopecurus	pratensis*		FACW	20
Shrub	Stratum	(0%)	Status	% Cover	Trifolium pr	ratense		FACU	5
11000000					Plantago mo			FACU+	5
	ig.				Woody V	ine Stratum	(0%)	Status	% Cover
<u></u>	54 55		4				_		
		nt species F	AC, FACW	, or OBL:	100%		Criteria M	et: Karajar	Yes
Commen	ıs:								
14		100 March 100 Ma				:* :*	Determina	ion:	Wetland



		Molall	a LWI		Number:	2250	Sample Site	BC-1	9B-65	
Applicant:	Ci	ity of Mola	ılla	County:	Clack	kamas	Date:	5/	1/01	
Investigato	ors:	SE/PF		Township:	5S	Range:	2E	Section:	8	
Do Normal	Circumstano	es exist on	this site?	Yes	Is the area a p	otential Prob	lem Area?		No	
Is this an A	typical Situa	tion?		No	1870					
			377 - 1772	Pi	rimary Indica	tors	Secor	dary Indic	ators	
HYDRO	DLOGY			Inundated			Ox. rhizospl	ieres		
				Sat. in Upp	er 12"		H20-stained	II.		
Depth of Si			Inches	Water Mar			Local Soil S			
Depth to Fi		>14	Inches	Drift Lines				C Neutral Test		
Depth to Sa	aturation	>14	Inches	Sediment D	Peposits		Other		and the second second second	
				Drainage p	atterns		Criteria Mo	t: Pr	e No	
COLL	3.6	-d C- :-	0	.1		-11000				
SOILS			Sawtell silt			lydric Soil? inage Class		No	1	
Depth	Matrix	Soil	Ultic Argix	x Concentr			lydric Soil	itely well o	irained	
(Inches)	Color	Texture*	Color		e/size/contrast		Indicators	Com	ments	
0-14	10YR 2/1	SL	COIOI	abundance	USIZU COIRT ASC	Tield's	mureuto 15		Ments	
		1								
				2		85 3				
*SD=Sand, Sl	DL=Sandy Loa	m, L=Loam, S	DCL=Sandy Cl	lay Loam, S=Sil	t, SL=Silt Loam,	SCL=Silty Clay	Loam, CL=Clay	Loam, C=Clay	/	
							Criteria Mo	et:	Yes .	
VEGET	TATION									
	tratum	(0%)	Status	% Cover	Herbaceou	ıs Stratum	(100%)	Status	% Cover	
					Festuca arur	ndinacea*		FAC-	80	
					Taraxacum o	officinale	i	FACU	10	
					Ranunculus	repens		FACW	5	
			100		Rumex crisp			FAC+	2	
					Convolvulus	arvensis		UPL	2	
					*		Ų			
Shrub S	Stratum	(0%)	Status	% Cover						
					***	. 64 4	(00/)	Ct. t	0/ 0	
					Woody V	ine Stratun	(0%)	Status	% Cover	
							1			
								121		
				L			- 4			
*Percent o	of dominan	t species F	AC, FACW	, or OBL:	0%		Criteria Me	et:	No	
Comments					7					
- Unanantum C										
Comment										



			Routin	e Onsite	Method		Pacific I	Habitat Ser	vices, Inc.
Project:		Molall	a LWI		Number:	2250	Sample Sit	e BC-1	9B-66
Applican	t: (City of Mola	ılla	County:	Clack	amas	Date:	5/	1/01
Investiga	tors:	SE/PF		Township:	58	Range:	2E	Section:	8
Do Norma	al Circumsta	nces exist on	this site?	Yes	Is the area a p	otential Probl	em Area?		No
Is this an .	Atypical Situ	ation?		No	•				
				P	rimary Indica	tors	Seco	ndary Indic	ators
HYDR	OLOGY			Inundated	•	((())	Ox. rhizosp	12 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Yes
				Sat. in Upp	er 12"	Yes	H20-stained	d leaves	
Depth of	Surf. H2O		Inches	Water Man	rks		Local Soil S	Survey	
Depth to	Free H20	10	Inches	Drift Lines	ī		FAC Neutr	al Test	
Depth to	Saturation		Inches	Sediment I	Deposits		Other		
				Drainage p	atterns	Yes	Criteria M	let: , All	Yes
SOILS Depth		oped Series: assification:	Fluvaquen		olls Dra i	ydric Soil?: inage Class:		Yes oorly drain	ed
(Inches)	Color	Texture*			e/size/contrast		ndicators	Com	ments
0-14	5Y 3/1	SCL	5YR 4/6		se, prominent				
*SD=Sand,	SDL=Sandy Lo	oam, L=Loam, S	DCL=Sandy C	lay Loam, S=Si	lt, SL=Silt Loam,	SCL=Silty Clay	Name and Address of the Owner, where the Owner, which is the Owner, where the Owner, which is the Owner		
							Criteria M	let:	Yes
VEGE	ETATION		200 - 200 -	*		3			
	Stratum	(20%)	Status	% Cover	Herbaceou	s Stratum	(80%)	Status	% Cove
Fraxinus	latifolia*		FACW	100	Ranunculus	•		FACW	20
					Rumex crisps			FAC+	10
				1	Alopecurus g			OBL	20
					Lotus cornic			FAC	5
					Trifolium rep Alopecurus p			FAC FACW	5 20
Shruk	Stratum	(0%)	Status	% Cover	Trifolium pro			FACU	5
SHIUL	Stratum	(070)	Status	70 COVE	Plantago ma			FACU+	5
						ine Stratum	(0%)	Status	% Cove
							()		
									elingua es es
*Percent	of domina	nt species F	AC, FACV	V, or OBL:	100%		Criteria M	let:	Yes
Commen	its:					327	277,00		
					*		Determina	tion.	Wetland
								стоп.	Colanic



			Kouum	Ousite	Memon		Pacific	Habitat Sei	rvices, Inc	
Project:		Molall	a LWI		Number:	2250	Sample S	ite BC-	21-67	
Applican	t: C	ity of Mola	alla	County:	Clack	kamas	Date:	6/	6/01	
Investiga	tors:	SE/PF		Township:	5S	Range:	2E	Section:	8	
Do Norma	l Circumstan	ces exist on	this site?	Yes	Is the area a p	otential Prob	lem Area?	X	No	
Is this an .	Atypical Situa	tion?		No	100					
	100000			P	rimary Indica	tors	Sec	condary Indic	ators	
HYDR	OLOGY			Inundated			Ox. rhizos		Yes	
				Sat. in Upp	er 12"		H20-stain	ed leaves		
	Surf. H2O		Inches	Water Mar	ks		Local Soil	cal Soil Survey		
Depth to		>12	Inches	Drift Lines			FAC Neut	tral Test		
Depth to	Saturation	>12	Inches	Toolson .			Other	Other		
				Drainage p	atterns	Yes	Criteria l	Met:	Yes	
~~~~				70 <b>4</b>				2021		
SOILS			Dayton silt			lydric Soil?		Yes	2	
Danth	Matrix	Soil Soil	Typic Alba	x Concentr		inage Class:	ydric Soil	poorly drain	ed	
Depth (Inches)	Color	Texture*	Color		e/size/contrast		ndicators	Com	ments	
0-4	10YR 2/2	SL	Color	abundance	e/size/contrast	Field	nuicators	Con	шень	
4-12	10YR 3/2	SCL	10YR 3/4	few, fine, fa	aint					
				,,,						
*SD=Sand,	SDL=Sandy Loa	m, L=Loam, S	DCL=Sandy C	lay Loam, S=Sil	t, SL=Silt Loam,	SCL=Silty Clay	Loam, CL=Cl	ay Loam, C=Cla	у	
							Criteria I	Met: 🖈 🛫	Yes	
VEGE	TATION									
Tree	Stratum	(0%)	Status	% Cover	Herbaceou	us Stratum	(75%)	Status	% Cov	
					Typha latifol	lia*		OBL	20	
					Juncus tenui	is*		FACW-	35	
					Carex stipate	а		OBL	15	
					Equisetum a			FAC	5	
					Lotus cornic			FAC	10	
					Carex obnup	ota		OBL	15	
	Stratum	(25%)	Status	% Cover						
	richocarpa*		FAC	70	XX/ 1 - X7	! C4 t		Ct-t-	0/ 0-	
Salix lasi Crataegu			FACU+	20	woody V	ine Stratum		Status	% Cov	
Craiaegu	s monogyna		FACU+	10						
			L							
*Percent	of dominan	t species F	AC, FACW	, or OBL:	100%	Ü	Criteria l	Met:	Yes	
Commen				THE THE	Habit III a Kilooo ee					
							Determin	ation:	Wetlan	



Project:		Molali	a LWI		Number:	2250	Sample Site	e BC-	21-68
Applican	t: C	City of Mola	ılla	County:	Clack	camas	Date:		6/01
Investiga		SE/PF		Township:		Range:	2E	Section:	8
Do Norma	al Circumstan		this site?	No	Is the area a p	otential Prob	lem Area?		No
Is this an A	Atypical Situ	ation?	11	Yes	4.537 CMS/ML-10-1000/-20107773-01-1-1				
				P	rimary Indica	tors	Seco	ndary Indic	ators
HYDR	OLOGY			Inundated			Ox. rhizosp		
				Sat. in Upp	er 12"		H20-stained	i leaves	
	Surf. H2O		Inches	Water Man			Local Soil S		
Depth to		57	Inches	Drift Lines			FAC Neutra	al Test	
Depth to S	Saturation	>4	Inches	Sediment I	- F		Other		
				Drainage p	atterns		Criteria M	et:	i z s No. s
SOILS	Mon	ped Series:			u	ydric Soil?:		#N/A	
SOILS		ssification:	#N/A			inage Class:		#N/A	
Depth	Matrix	Soil		x Concentr			ydric Soil	T WA	
(Inches)	Color	Texture*	Color		e/size/contrast	-	ndicators	Con	ments
0-4	N/A	wood debr	is/rocks					refused at	4 inches
								by rocks	
						L			
*SD=Sand,	SDL=Sandy Lo	am, L=Loam, S	DCL=Sandy Cl	ay Loam, S=Sil	lt, SL=Silt Loam, S	SCL=Silty Clay	V		
							Criteria M	et:	No.
	TATION		- Value 1	T	T lauren von			T	T
Tree	Stratum	(0%)	Status	% Cover	Herbaceou		(85%)	Status	% Cover
		œ			Sonchus aspe		*	FAC-	5
					Anthoxanthu Holcus lanat			FACU FAC	30 40
					Vicia sativa	us		UPL	10
					Cirsium vulg	are		FACU	5
					Taraxacum o			FACU	10
Shrub	Stratum	(5%)	Status	% Cover		JJremale			
	coparius*		UPL	100					
1	-30				Woody Vi	ine Stratum	(10%)	Status	% Cover
					Rubus discol			FACU	100
				<u></u>					
*Doroon*	of domina-	rt engains E	AC EACH	/ or ΩPI ·	250/		Criteria M		No
Commen	of dominan				25%		Criteria M	ાના છ	AU
Commen	13.	Old log de	ck area. Ve	ry disturbed	L				
							Determina	tion:	Upland
							Locio, mina	The second particular	SCORE CONTRACTOR



			Koutin	e Ousite	victhou		I acinc i	Habitat Sei	vices, inc.	
Project:		Molall	a LWI		Number:	2250	Sample Site BC-22E		2E-69	
Applican	t: C	City of Mola	illa	County:	Clack	amas	Date:	6/	6/01	
Investiga	tors:	SE/PF		Township:	58	Range:	2E	Section:	17	
Do Norma	l Circumstan	ces exist on	this site?	Yes	Is the area a p	otential Prob	em Area?		No	
Is this an	Atypical Situa	ation?		No						
		THE STATE OF THE S		Pı	imary Indica	tors	Seco	ndary Indic	ators	
HYDR	OLOGY			Inundated			Ox. rhizosp			
				Sat. in Upp	er 12"		H20-stained	d leaves		
Depth of	Surf. H2O		Inches	Water Marks			Local Soil S	Survey		
Depth to	Free H20	>4	Inches	Drift Lines			FAC Neutr	al Test		
Depth to	Saturation	>4	Inches	Sediment Deposits Other			Other			
				Drainage p	atterns		Criteria M	et:	A FINO	
= 7733								11.0		
SOILS		ped Series:	The same of the same of the state of the same of the s			ydric Soil?:		Yes		
D4h		ssification: Soil				inage Class:		oorly drain	ed	
Depth (Inches)	Matrix Color	Texture*	Color	ox Concentrations Other			•	Com	monte	
	0-4 10YR 3/2 SDL				abundance/size/contrast Field			Indicators Comments Refused below 4"		
	1011012							moderate t		
								rocks; grav	-	
								4 inches		
*SD=Sand,	SDL=Sandy Loa	am, L=Loam, S	DCL=Sandy C	lay Loam, S=Sil	t, SL=Silt Loam,	SCL=Silty Clay	Loam, CL=Clay	Loam, C=Clay	/	
							Criteria M	et:	No	
VEGE	TATION								1)	
	Stratum	(0%)	Status	% Cover	Herbaceou	s Stratum	(55%)	Status	% Cover	
					Vicia sativa*	k		UPL	20	
					Phalaris aru	ndinacea*		FACW	35	
					Cirsium arve	ense		FACU+	3	
					Holcus lanat			FAC	5	
					Festuca myu			UPL	20	
<u> </u>	G	(100/)	Ct. t	0/ 6	Galium apar			FACU	2	
	Stratum*	(10%)	Status	% Cover	Daucus caro	ta		UPL	10	
Acer mac	rophyllum*	1,01	FACU	100	Woody V	ine Stratum	(35%)	Status	% Cover	
			Į.		Rubus discol		(33/0)	FACU	70	
					Rubus lacini			FACU+	30	
	9 <b>1</b> 9				Thomas month					
*Percent	of dominan	t species F	AC, FACV	V, or OBL:	17%		Criteria M	et:	No	
Commen	ts:					10.05-10.00				
	i j				-		Determina	tion:	<b>Upland</b>	



			Nouth	e Onsite	Memou		r acine	Habitat Sei	vices, inc.	
Project:		Molall	a LWI	y	Number:	2250	Sample Site BC-2		22E-70	
Applican	t:	City of Mola	lla	County:	Clack	kamas	Date:	6/	6/01	
Investiga	tors:	SE/PF		Township:	<b>5</b> S	Range:	2E	Section:	17	
Do Norma	l Circumsta	nces exist on	this site?	Yes	Is the area a p	ootential Prob	lem Area?		No	
Is this an A	Atypical Sit	uation?		No						
	OLOGY		14	Inundated Sat. in Upp		Yes	Ox. rhizosp H20-staine	d leaves	cators	
g astronom and	Surf. H2O		Inches	Water Mar				l Soil Survey		
Depth to		1	Inches	Drift Lines			FAC Neutr	al Test		
Depth to	Saturation	0	Inches	Sediment I	8	<b>N</b> /	Other			
				Drainage p	atterns	Yes	Criteria M	ler e	Y Yes	
SOILS	Ci	pped Series: assification:	Typic Alba	aqualfs	Dra	lydric Soil? inage Class	р	Yes oorly drain	ed	
Depth	Matrix			lox Concentrations Other H			lydric Soil			
(Inches) 0-12	Color N/A	Texture* wood debr	Color	abundance	e/size/contrast	Field I	ndicators	refused at	ments	
				lou Lagra Carcil	lt, SL=Silt Loam,	SCI -Silty Clay	Lagra ClarClo		y	
SD-Sand,	SDL-Sandy L	oam, L-Loam, S	DCL-Sandy C	iay Loani, 3–311	it, SL=Siit Loam,	SCL-Silly Clay	The same of the sa	let:		
VECE	TATION						B.Z.	A STATE OF THE PARTY OF THE PAR		
	TATION Stratum	(0%)	Status	% Cover	Herbaceon	is Stratum	(100%)	Status	% Cover	
1100	Structura			,	Phalaris aru Lotus cornic Carex obnup Eleocharis o	ndinacea* vulatus* ota*		FACW FAC OBL OBL	40 20 20 20 20	
Shrub	Stratum	(0%)	Status	% Cover	]					
		i								
				in the second	Woody V	ine Stratum	(0%)	Status	% Cover	
*Percent		ant species F.	AC, FACW		100%	ij.,	Criteria M	et:	Yes	
		F)					Determina	tion:	Wetland	



			Routing	Onsite	Methon		Pacific i	Habitat Sei	vices, inc.
Project:		Molall	a LWI		Number:	2250	Sample Site BC-22E		22E-71
Applican	t: <b>C</b>	ity of Mola	ılla	County:	Clack	amas	Date:	6/	6/01
Investiga	tors:	SE/PF		Township:	5S	Range:	2E	Section:	17
Do Norma	l Circumstano	ces exist on	this site?	Yes	Is the area a p	otential Probl	em Area?		No
	Atypical Situa			No	ACC 100701 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				
				P	rimary Indica	tors	Seco	ndary Indic	ators
HYDR	OLOGY			Inundated			Ox. rhizosp		
			2	Sat. in Upp	er 12"	Yes	H20-stained		
Depth of	Surf. H2O		Inches	Water Mai	rks		Local Soil S	Survey	
Depth to	Free H20	10	Inches	<b>Drift Lines</b>			FAC Neutra	al Test	
Depth to	Saturation	4	Inches	Sediment I	Deposits		Other		
				Drainage p	atterns	Yes	Criteria M	let:	Yes
SOILS			Dayton silt			ydric Soil?:		Yes	
<del>5</del> 41 1			Typic Alba			inage Class:		oorly drain	ed
Depth	Matrix Color	Soil Texture*	Color	ox Concentrations Other H abundance/size/contrast Field I				Com	ments
(Inches)	10YR 3/2	SL	Color	abundanc	e/size/contrast	rieid I	udicators	Com	iments
4-16	10TR 5/2	C	10YR 5/6	common c	oarse, promine	l ent		gley	
4-10	100 2.3/1		TOTICSIO	Common, c	oarse, promini	1		Bioj	
2									
*SD=Sand,	SDL=Sandy Loa	m, L=Loam, S	DCL=Sandy C	lay Loam, S=Si	lt, SL=Silt Loam,	SCL=Silty Clay	Loam, CL=Clay	Loam, C=Clay	у
							Criteria M	et:	Yes
VEGE	TATION								
	Stratum	(0%)	Status	% Cover	Herbaceou	s Stratum	(95%)	Status	% Cover
					Equisetum a			FAC	30
					Carex stipate	a		OBL	10
				9	Phalaris aru	ndinacea		FACW	10
					Holcus lanat	us*		FAC	20
					Festuca arun	idinacea		FAC-	10
					Myosotis dis	color		FACW	5
	Stratum	(5%)	Status	% Cover	Agrostis tenu	uis	10	FAC	10
Fraxinus	latifolia*		FACW	100					
		2. 1			Woody Vi	ine Stratum	(0%)	Status	% Cover
		,		1					
					L		-	Ь	L
*Percent	of dominan	t species F	AC, FACV	, or OBL:	100%		Criteria M	et:	Yes
Commen									
						12			27.100 77
		<u> </u>			- N		Determina	tion:	Wetland



Routine Unsite Method Pacific Habitat Services, Inc.									
Project:		Molall	a LWI	98440	Number:	2250	Sample Sit	te BC-2	23A-72
Applican	t: <b>(</b>	City of Mola	alla	County:	Clack	kamas	Date:	5/	1/01
Investiga	tors:	SE/PF		Township:	5S	Range:	2E	Section:	16
Do Norma	al Circumstar	nces exist on	this site?	Yes	Is the area a p	otential Prob	lem Area?		No
Is this an	Atypical Situ	ation?		No	W. (C. 1)				
HYDR Depth of Depth to	OLOGY Surf. H2O	6	Inches Inches Inches	Inundated Sat. in Upp Water Mar Drift Lines Sediment D	·ks	tors Yes	Secondary Second	d leaves Survey	eators
Depth to	Satur ation	-	Thenes	Drainage patterns			Criteria N	CAN AND AND AND AND AND AND AND AND AND A	Yes
SOILS	Cla	ped Series:	Typic Alba	loam qualfs	H Drai	ydric Soil?: inage Class:	p	Yes	
Depth	Matrix	Soil		x Concentr	ations	-	ydric Soil		
(Inches) 0-14	Color 10YR 3/1	SCL		few, mediu	e/size/contrast	Field I	ndicators	Con	ments
*SD=Sand,	SDL=Sandy Lo				t, SL=Silt Loam,	SCL=Silty Clay	_		y
							Criteria M	let:	Yes
VEGE	TATION								
	Stratum	(20%)	Status	% Cover	Herbaceou	ıs Stratum	(30%)	Status	% Cover
Fraxinus	latifolia*		FACW	100	Impatiens no			FACW	20
2				-	Phalaris aru	ndinacea*		FACW	80
Shrub	Stratum	(35%)	Status	% Cover	6				
Fraxinus	latifolia*	0.00	FACW	40					
-	ouglasii*		FACW	35		ine Stratum	(15%)	Status	% Cover
Rosa piso	carpa*		FAC	25	Rubus discol	lor*		FACU	100
		nt species F.	AC, FACW	, or OBL:	86%		Criteria M	lets	Yes
Commen	ıs:								ā.
							Determina	tion:	Wetland



Routine Unsite Method Pacific Habitat Services, Inc.									
Project:		Molall	a LWI		Number:	2250	Sample Site	BC-2	23A-73
Applicant:	C	ity of Mola	ılla	County:	Clack	kamas	Date:	5/2	24/01
Investigato	rs:	SE/FS		Township:	5S	Range:	2E	Section:	16
Do Normal	Circumstan	ces exist on	this site?	Yes	Is the area a p	otential Prob	lem Area?		No
Is this an At	typical Situa	ation?		No	4		100		
HYDRO	DLOGY			Pr Inundated Sat. in Upp	rimary Indica er 12"	tors	Seco Ox. rhizosp H20-stained		cators
Depth of Su			Inches	Water Mar	·ks		Local Soil S	Survey	
Depth to Fi		>13	Inches	<b>Drift Lines</b>			FAC Neutra	al Test	
Depth to Sa	aturation	>13	Inches	Sediment I	-		Other	CONTRACTOR OF CONTRACTOR	Control (Section 2) Section Control
				Drainage p	atterns		Criteria M	et: 採 💮	No.
SOILS	Clas	ped Series: ssification:	Typic Alba	aqualfs	Dra	lydric Soil?: inage Class:	p	Yes oorly drain	ed
Depth	Matrix	Soil		ox Concentrations Other H			ydric Soil		
(Inches)	Color	Texture*	Color	abundance	e/size/contrast	Field I	ndicators		ments
0-13	10YR 3/2	SL		SF.			# # # #	below 8 in	e, common ches
SD=Sand, SI	DL=Sandy Loa	am, L=Loam, S	DCL=Sandy C	lay Loam, S=Sil	t, SL=Silt Loam,	SCL=Silty Clay	Loam, CL=Clay	Loam, C=Clay	/
							Criteria M	et: 🐃	No
VEGET	TATION								
Tree S	tratum	(0%)	Status	% Cover	Herbaceou	us Stratum	(60%)	Status	% Cove
			,		Festuca arundinacea* Festuca rubra* Daucus carota* Galium aparine			FAC- FAC+ UPL FACU	50 25 20 5
Shrub S	Stratum	(0%)	Status	% Cover					
			9E 2		Woody V Solanum dul Rubus discol		(40%)	Status FAC+ FACU	% Cover
*Percent o		t species F	AC, FACV	V, or OBL:	25%	9	Criteria M		No.
							Determina	tion:	Upland



Project:		Molall	a LWI		Number:	2250	Sample Site	BC-2	3A-74
Applican	t: C	ity of Mola	ılla	County:	Clack	amas	Date:	5/2	4/01
Investiga	tors:	SE/FS	1 2 2	Township:	58	Range:	2E	Section:	16
Do Norma	l Circumstano	ces exist on	this site?	Yes	Is the area a p	otential Prob	lem Area?		No
Is this an	Atypical Situa	tion?		No				220	
				P	rimary Indica	tors	Secor	dary Indic	ators
HYDR	OLOGY			Inundated			Ox. rhizospl	ieres	
ľ				Sat. in Upp		Yes	H20-stained	(1)2022-1-2020	Yes
	Surf. H2O	1000	Inches	Water Mai			Local Soil S	- V. J V. J V V V V V.	
Depth to		6	Inches	Drift Lines			FAC Neutra	l Test	
Depth to	Saturation	0	Inches	The state of the s			Other		
				Drainage p	atterns	Yes	Criteria Mo	et:	Yes
COTT			D	o <b>s</b>	- 17 - 17 - 17 - 17 - 17 - 17 - 17 - 17	1			
SOILS			Dayton silt			ydric Soil?:		Yes	
Depth	Matrix	Soil Soil	Typic Alba	x Concentr		nage Class:	ydric Soil	orly drain	ed
(Inches)	Color	Texture*	Color		e/size/contrast		ndicators	Com	ments
0-8	10YR 3/1	SL		few, fine, d		riciu i	nuicators	Com	ments
8-14	10YR 3/1	SCL		87 37	nedium, disting	l et			
0.11	1011071	J GCD	10110 111	leommon, n	routurn, distinc	ĺ			
*SD=Sand,	SDL=Sandy Loa	m, L=Loam, S	DCL=Sandy Cl	ay Loam, S=Sil	t, SL=Silt Loam, S	SCL=Silty Clay	Loam, CL=Clay	Loam, C=Clay	,
							Criteria Me		Yes
VECE	TATION								
	Stratum	(80%)	Status	% Cover	Herbaceou	s Stratum	(20%)	Status	% Cover
	latifolia*	(0070)	FACW	100	Phalaris arus		(2070)	FACW	50
	•				Poa trivialis			FACW	20
- 					Epilobium w			FACW-	20
				9	Geum macro			FACW-	5
ķ							8		
0				W 1			S.		
Shrub	Stratum	(0%)	Status	% Cover			8		
					Woody Vi	ne Stratum	(0%)	Status	% Cover
					l				L
*Dorgont	of dominan	t enocies E	AC EACH	or ODI -	1000/		Criteria Me	Carlo Salara Salara	Via
Contract Con	of dominan	species F.	AC, FACW	, or OBL:	100%		Criteria Me	ole.	Yes
Commen	rs:								
							Determinat		Wellerd
							Determinat	IOTT.	Wetland



			Routine	e Onsite	Method		Pacific 1	Habitat Sei	vices, Inc
Project:		Molall	a LWI		Number:	2250	Sample Sit	e <b>BC-2</b>	4B-75
Applican	t:	City of Mola	ılla	County:	Clack	kamas	Date:	5/2	24/01
Investiga	tors:	SE/FS		Township:	. 5S	Range:	2E	Section:	16
Do Norma	al Circumsta	nces exist on	this site?	Yes	Is the area a p	ootential Prob	olem Area?		No
Is this an	Atypical Site	uation?		No					
				Pı	rimary Indica	tors	Seco	ndary Indic	ators
HYDR	OLOGY			Inundated			Ox. rhizosp		
				Sat. in Upp	er 12"	Yes	H20-staine		
Depth of	Surf. H2O		Inches	Water Mar	·ks		Local Soil S	Survey	
Depth to	Free H20	2	Inches	<b>Drift Lines</b>			FAC Neutr	al Test	
Depth to	Saturation	0	Inches	Sediment I	Deposits		Other		
				Drainage p	atterns	Yes	Criteria M	let:	Yes
CONT			<b>.</b>	34					
SOILS		pped Series:				ydric Soil?		Yes	
Depth	Matrix	assification: Soil		x Concentr		inage Class	ydric Soil	oorly drain	ed
(Inches)	Color	Texture*	Color		e/size/contrast	4	indicators	Com	ments
0-6	10YR 2/1			few, fine, fa	TO STAND SALES SALES OF STREET	Ticlu I	indicators_	gravelly	inenes
6-14	10YR 2/1		10YR 3/3			11		gravelly	
				, ,					
				y.					
*SD=Sand,	SDL=Sandy L	oam, L=Loam, S	DCL=Sandy Cl	ay Loam, S=Sil	t, SL=Silt Loam,	SCL=Silty Clay			
							Criteria M	let:	_ Yes
	TATION		2000 W 00						
Tree	Stratum	(0%)	Status	% Cover	Herbaceou		(95%)	Status	% Cove
		1			Carex stipate			OBL	20
					Juncus effus			FACW	20
					Eleocharis p		*	OBL	20
					Veronica am			OBL	10
					Veronica sci	itellata		OBL	5
Ch1	Ctuata	(5%)	Ctatus	0/ Carran	Carex feta	solo:		FACW	5 2
	Stratum latifolia*	(5%)	Status FACW	100	Myosotis dis Carex pellita			FACW NOL	10
raxinus	ianjona ·		FACW	100		ine Stratum	(0%)	Status	% Cove
					Woody V	ine Stratum	(070)	Status	70 0040
		-							
*Percent	of domina	nt species F	AC, FACW	, or OBL:	100%		Criteria M	let:	Yes
Commen	ts:	18 miles (18 mil			IV-CV	9/25 1.55			
	±1								
							Determina	tion:	Wetland



	.57		Routing	Ousite	Memon		Pacific	Habitat Sei	vices, inc
Project:		Molal	la LWI		Number:	2250	Sample Sit	e BC-2	4A-76
Applican	t:	City of Mol	alla	County:	Clack	amas	Date:	5/2	24/01
Investiga	tors:	SE/FS		Township:	5S	Range:	2E	Section:	16
Do Norma	al Circumsta	ances exist on	this site?	Yes	Is the area a p	otential Prob	lem Area?	100	No
	Atypical Sit			No					8271.20
				P	rimary Indica	tors	Seco	ndary Indic	ators
HYDR	OLOGY			Inundated	THE TANKS	S. S	Ox. rhizosp		Yes
				Sat. in Upp	er 12"	Yes	H20-staine	d leaves	
Depth of	Surf. H2O	54	Inches	Water Man	ks		Local Soil S	Survey	
Depth to	Free H20	>13	Inches	<b>Drift Lines</b>			<b>FAC Neutr</b>	al Test	
Depth to	Saturation	>5	Inches	Sediment I	Deposits		Other	<u> </u>	
				Drainage p	atterns	Yes	Criteria M	let:	Yes
COTT			<b>D</b>	NO					
SOILS	1000	pped Series:	사 프림프로 하다 하는 사람이 되었다.			ydric Soil?:		Yes	
Depth	Matrix	assification: Soil		x Concentr		nage Class:	ydric Soil	oorly drain	ed
(Inches)	Color	Texture*			e/size/contrast	4	ndicators	Com	ments
0-7	10YR 3/2		COIOI	abundanc	e/size/contrast	riciu I	uuicatoi s	Com	ments
7-9	10YR 3/1			l.		1		1	
9-13	10YR 3/1	or Separation	7.5YR 4/6	many, med	ium, distinct				
		(25) (25)	1 120 - 112				G.		
*SD=Sand,	SDL=Sandy L	oam, L=Loam, S	DCL=Sandy Cl	ay Loam, S=Sil	t, SL=Silt Loam,	SCL=Silty Clay	Loam, CL=Clay	/ Loam, C=Clay	/
				775			Criteria M	let:	Yes
VEGE	TATION								
Tree	Stratum	(35%)	Status	% Cover	Herbaceou	s Stratum	(25%)	Status	% Cove
Fraxinus	latifolia*		FACW	40	Phalaris aru	ndinacea*	-11.	FACW	60
Salix sitci	hensis*		FACW	20	Carex stipato	1		OBL	10
Populus t			FAC+	10	Vicia americ	ana		FAC	5
Salix scoi	uleriana*		FAC	30	Festuca arun			FAC-	5
					Festuca rubr	·a*		FAC+	20
OL	C4	(250/)	Chatara	0/ C					
	Stratum	(35%)	Status	% Cover			*	1	
Saux scoi Salix sitci	uleriana* hansis*		FAC	25 25	Woods W	no Stratu-	(50/)	Status	% Cove
	nensis" latifolia*		FACW FACW	45	Rubus discol	ne Stratum	(5%)	Status FACU	76 Cove
	iaujoua" s monogyni	a	FACU+	5	Kuvus aiscoi	OF .		FACU	100
Junegu	s monogyni	u	FACUT	3					i i
_			L						
*Percent	of domina	int species F	AC, FACW	, or OBL:	89%		Criteria M	et:	Yes
Commen	ts:	9							
							Determina	tion:	Wetland



			ROUGH	e Ousite	Withou		1 acme 1	Tabitat Sci	rvices, Inc.
Project:		Molall	a LWI		Number:	2250	Sample Site	BC-2	24A-77
Applicant:	(	City of Mola	alla	County:	Clack	camas	Date:	5/2	24/01
Investigato	ors:	SE/FS	6	Township:	5S	Range:	2E	Section:	16
Do Normal	Circumstar	nces exist on	this site?	Yes	Is the area a p	otential Prob	lem Area?		No
Is this an A	typical Situ	ation?		No					
				P	rimary Indica	tors	Seco	ndary Indic	ators
HYDRO	OLOGY			Inundated			Ox. rhizosp		
	6			Sat. in Upp	er 12"		H20-stained	leaves	
Depth of S	urf. H2O		Inches	Water Mar	ks		Local Soil S	urvey	
Depth to F		>14	Inches	<b>Drift Lines</b>	*		FAC Neutra	al Test	
Depth to S	aturation	>14	Inches	Sediment I	Deposits		Other		
				Drainage p	atterns		Criteria M	et:	w. No
COTT	****		D		1			20	
SOILS	-	ped Series:	Activities and the second second			ydric Soil?:		Yes	
Depth	Matrix	ssification:		aquaiis ox Concentr		inage Class:	ydric Soil	oorly drain	ed
(Inches)	Color	Texture*	Color	T	e/size/contrast	4	ndicators	Com	ments
0-14	10YR 2/2				o one continuo	7.014			inches
			1			1			
						Si .			
*SD=Sand, S	DL=Sandy Lo	am, L=Loam, S	DCL=Sandy C	lay Loam, S=Sil	t, SL=Silt Loam,	SCL=Silty Clay	Loam, CL=Clay	Loam, C=Clay	у
							Criteria M	et:	No
VEGET	<b>TATION</b>								
Tree S	tratum	(0%)	Status	% Cover	Herbaceou	ıs Stratum	(20%)	Status	% Cove
		***************************************			Festuca arur	idinacea*		FAC-	20
		19			Anthoxanthu	m odoratum	*	FACU	50
					Daucus caro	ota		UPL	10
					Chrysanthen		iemum	UPL	10
					Festuca rubr	a	•	FAC+	10
GL	044	(400/)	Ctatas	9/ C					
Fraxinus la	Stratum	(40%)	Status FACW	% Cover					
Cytisus sco			UPL	70	Woody Vi	ine Stratum	(40%)	Status	% Cove
	er alnifolia	1	FACU	5.	Rubus discol		(4070)	FACU	100
Rosa eglan			FACW	5	anomo unocon				100
0	**************************************								
					*	<del>* 12300 * * * * * * * * * * * * * * * * * * </del>			
		nt species F	AC, FACV	V, or OBL:	20%		Criteria M	et:	No
Comments	s:								
							A STATE OF THE PARTY OF THE PAR	c	
							Determina	ion:	Upland

# Appendix C

## **OFWAM Data and Summary Sheets**



(Revised Edition, April 1996)

### **Wetland Assessment Summary Sheet**



Pacific Habitat Services, Inc.

Project Name:	Molalla L'	WI Wetland:	MR-1
Project Location:	Clackamas County	Wetland Type(s):	PEM
Date(s) of field work:	4/25/01	Approx. Area (acres):	0.05
Onsite Assessment?:	Yes	Investigator(s):	SE,FS
Wetland Location:	de character contracted at	Molalla High School	

#### **Function and Condition Assessment Answers:**

Wildlife Habitat		Fish Habitat	Wat Qual	2500 2000 200	Hydrol Cont		Sensiti to Im	
Q	- A	Q	Q	A	Q	A	Q	A
Q-1	В	Q-1	Q-1	C	Q-1	В	Q-1	A
Q-2	C	Q-2	Q-2	В	Q-2	В	Q-2	A
Q-3	C	Q-3	Q-3	A	Q-3	C	Q-3	C
Q-4	C	Q-4	Q-4	C	Q-4	A	Q-4	C
Q-5	В	Q-5	Q-5	C	Q-5	C	Q-5	B
Q-6	В	Q-6	Q-6	C	Q-6	C	Q-6	C
Q-7	A				Q-7	A		
Q-8	A			31	HALL ST	5 11 37.7		
OOA								

#### 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		Educa	tion	Recrea	tion	Aesth Qual	SERVICE STATE
Q	A	Q	A	Q	A	Q	A
Q-1	A	Q-1	В	Q-1	C	Q-1	С
Q-2	В	Q-2	A	Q-2	C	Q-2	A
Q-3	Ldva7	Q-3	В	Q-3	C	Q-3	A
Q-4	C	Q-4	В	Q-4	В	Q-4	B
Q-5B	A	Q-5	C	Q-5	В	Q-5	A
Q-6	В	Q-6	В	Q-6	В	Q-6	A

<b>Enhancement Potential</b>	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



Project:	Molalla LWI	Wetland:	MR-1
Location:	Clackamas County	Approx. Area (acres):	0.05
Date:	4/25/01	Wetland Types(s):	PEM
Result:	Wetland provides habita	t for some wildlife species	<b>新发展中的企业的方面</b>
	One Cowardin class with > 5 species	No adjacent Water Qualit	y limited streams
Rationale:	Herbaceous vegetation, no ponding	Adjacent land is primar	ily open space
	Less than 0.5 acres of open water	Wetland buffer is grea	iter than 40%
Result:	Fish habitat was not as	ssessed for this wetland	<b>为公司的</b> 加州来至海
The second secon		and the state of t	As a single of the same of the
Rationale:			
Result:	Wetland's water-quality fu	nction is lost or not present	
	Primary water source is groundwater	Isolated from other	wetlands
Rationale:	Can't determine if wetland floods or ponds	Adjacent land is primar	
	High wetland vegetation cover	No adjacent Water Quality	<del></del>
Result:		rol is impacted or degraded	
	Wetland is not within 100 year floodplain	Herbaceous vegetation	n, no ponding
Rationale:	Can't determine if wetland floods or ponds	Open space downslope of	
The second second second	Flow out of wetland is restricted	Development upslope	
Result:	Wetland is potentially se	ensitive to future impacts	
	Stream modified or isolated wetland	Adjacent land is primar	ily open space
Rationale:	Water is taken out or isolated wetland	Adjacent zoning is prima	
	No adjacent Water Quality Limited streams	Herbaceous vegetation	
Result:	Wetland has high en	hancement potential	
122/图138年	Wetland functions are impacted or degraded	Wetland is less than	0.5 acres
Rationale:	Primary water source is groundwater	Wetland buffer is grea	ter than 40%
	Water flow is permanently restricted	Potentially sensitive to	future impacts
Result:	Wetland has potentia	al for educational use	
	Wetland access by landowner permission	No access point to we	etland exists
Rationale:	No visible hazards to public	Wetland is not limited mo	bility accessible
	Other habitats can be observed not accessed		
Result:	Wetland is not appropriate or do	es not provide rec. opportu	nities
	No access point to wetland exists	Wetland provides habitat f	for some wildlife
Rationale:	No boat launching can be developed	No fishing is al	lowed
<b>海温温</b>	No trails or viewing areas exist	No hunting is al	lowed
Result:	Wetland is conside	ered to be pleasing	
	One Cowardin class is visible	Wetland surrounded by la	andscaped areas
Rationale:	>50% of wetland can be seen	Natural odors present	
	No visual detractors are present	Some traffic and natural n	oises are present

(Revised Edition, April 1996)

### **Wetland Assessment Summary Sheet**



Pacific Habitat Services, Inc.

Project Name:	Molalla L'	WI Wetland:	MR-2	
Project Location:	Clackamas County	Wetland Type(s):	PEM, PFO	
Date(s) of field work:	OFF-SITE	Approx. Area (acres):	0.90	
Onsite Assessment?:	No	Investigator(s):	PF	
Wetland Location:	North	of Molalla Buckaroo Stadiu	m	

#### **Function and Condition Assessment Answers:**

Wildlife Habitat		Fish Habita	it	Wat Qual	AND WATER STREET	Hydrol Conti		Sensiti to Im	0.0000000000000000000000000000000000000
Q	A	Q	A	Q	A	Q	A	Q	A
Q-1	A	Q-1	В	Q-1	A	Q-1	В	Q-1	A
Q-2	A	Q-2	C	Q-2	A	Q-2	A	Q-2	B
Q-3	C	Q-3	A	Q-3	A	Q-3	В	Q-3	C
Q-4	C	Q-4	A	Q-4	В	Q-4	C	Q-4	E
Q-5	A	Q-5	В	Q-5	В	Q-5	A	Q-5	A
Q-6	A	Q-6	В	Q-6	C	Q-6	В	Q-6	A
Q-7	A	20 Ath 102 Lifts				Q-7	В		
Q-8	В				-	Well I	10.71		
0-94									

#### 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:**

Enhancen Potentia	NOTE OF STREET	Education		Recrea	tion	Aesthetic Quality	
Q	A	Q	A	Q	A	Q	A
Q-1	A	Q-1	C	Q-1	C	Q-1	В
Q-2	A	Q-2	A	Q-2	C	Q-2	A
Q-3	A	Q-3	В	Q-3	В	Q-3	A
Q-4	В	Q-4	В	Q-4	В	Q-4	В
Q-5B	C	Q-5	C	Q-5	В	Q-5	A
Q-6	В	Q-6	В	Q-6	В	Q-6	A

<b>Enhancement Potential</b>	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		



Project:	Molalla LWI	Wetland:	MR-2				
Location:	Clackamas County	Approx. Area (acres):	0.90				
Date:	OFF-SITE	Wetland Types(s):	PEM, PFO				
Result:	Wetland provides habita	t for some wildlife species	发挥matmity lift 非				
	More than one Cowardin class	No adjacent Water Qual	lity limited streams				
Rationale:	Dominated by woody vegetation	Adjacent land use is pri	imarily agriculture				
於例数後於	Less than 0.5 acres of open water	Wetland buffer is l	less than 10%				
Result:	Wetland's fish habitat func	tion is impacted or degrad	ed				
	25-50% of stream is shaded	No adjacent Water Qual	ity Limited streams				
Rationale:	Stream banks are extensively modified	Adjacent land use is pri	marily agriculture				
相對關係	>25% of stream has instream structures	Warmwater fish pre	esent in stream				
Result:	Wetland's water-qua	ality function is intact					
	Primary water source is surface flow	Surface water connection	n to other wetlands				
Rationale:	Wetland floods/ponds in growing season	Adjacent land use is pri	marily agriculture				
	High wetland vegetation cover	No adjacent Water Quali	ity Limited streams				
Result:	Wetland's hydrologic control is impacted or degraded						
	Wetland is not within 100 year floodplain	Dominated by woo	dy vegetation				
Rationale:	Wetland floods/ponds in growing season	wing season Agriculture downslope of wetland					
	Water has unrestricted flow out of wetland	Agriculture upslop	e of wetland				
Result:	Wetland is potentially so	ensitive to future impacts	中的是似色的。				
	Stream modified or isolated wetland	Adjacent land use is primarily agriculture					
Rationale:	Water not taken out	Water not taken out Adjacent zoning is primarily					
建筑的	No adjacent Water Quality Limited streams	Dominated by woo	dy vegetation				
Result:	Wetland has high er	hancement potential	<b>利益者并为</b> 对于1000年				
	Wetland functions are impacted or degraded	Wetland is between	0.5 and 5 acres				
Rationale:	Primary water source is surface flow	Wetland buffer is 1	ess than 10%				
Constitution of the	Flow into wetland is not restricted	Potentially sensitive to	o future impacts				
Result:	Wetland site is not appro	priate for educational use	数据数据数据的 A A A				
	No access allowed to wetland	No access point to v	wetland exists				
Rationale:	No visible hazards to public	Wetland is not limited n	nobility accessible				
	Other habitats can be observed not accessed						
Result:	Wetland is not appropriate or do	es not provide rec. opport	unities				
	No access point to wetland exists	Wetland provides habita	t for some wildlife				
Rationale:	No boat launching can be developed	No fishing is	allowed				
(大) 清清 李隆	Unmaintained trails, viewing areas exist	No hunting is	allowed				
Result:		ered to be pleasing	2000年1月1日本学习				
	Two Cowardin classes visible	Wetland surrounded by	landscaped areas				
Rationale:	>50% of wetland can be seen	Natural odors prese					
學的學術學	No visual detractors are present	Some traffic and natural	noises are present				

(Revised Edition, April 1996)

### **Wetland Assessment Summary Sheet**



Pacific Habitat Services, Inc.

Project Name:	Molalla LV	WI Wetland:	MR-3f
Project Location:	Clackamas County	Wetland Type(s):	PEMf
Date(s) of field work:	4/25/01	Approx. Area (acres):	0.30
Onsite Assessment?:	Yes	Investigator(s):	SE,FS
Wetland Location:	West of Hwy 211, r	north of Shirley Street (east en	nd of Molalla)

#### **Function and Condition Assessment Answers:**

Wildlife Habitat		Fish Habitat		Wat Qual		Hydrol Conti		Sensiti to Imp	BOOK STORES
Q	A	Q		Q	A	. Q	A	Q	A
Q-1	C	Q-1	T	Q-1	C	Q-1	В	Q-1	A
Q-2	C	Q-2	-	Q-2	В	Q-2	В	Q-2	A
Q-3	C	Q-3	i ji	Q-3	A	Q-3	C	Q-3	C
Q-4	C	Q-4		Q-4	C	Q-4	C	Q-4	В
Q-5	В	Q-5		Q-5	В	Q-5	C	Q-5	A
Q-6	A	Q-6	P. P.	Q-6	C	Q-6	В	Q-6	C
Q-7	A	Ban Shidanin	_			Q-7	В		
Q-8	В				Ř.	iou Tilli	rest Lytt		
Q-9A	11 21 6	an application							

#### 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:**

Enhancen Potentia		Educa	tion	the first control of the second of the secon		Aesth Qual	
Q	A	Q	A	Q	A	Q	A
Q-1	A	Q-1	C	Q-1	C	Q-1	С
Q-2	В	Q-2	A	Q-2	C	Q-2	A
Q-3	Barrer B	Q-3	В	Q-3	C	Q-3	A
Q-4	$\boldsymbol{C}$	Q-4	C	Q-4	В	Q-4	B
Q-5B	C	Q-5	C	Q-5	В	Q-5	A
Q-6	$-\mathbf{B}$	Q-6	В	Q-6	В	Q-6	A

<b>Enhancement Potential</b>	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		



Project:	Molalla LWI	Wetland:	MR-3f			
Location:	Clackamas County	Approx. Area (acres):	0.30			
Date:	4/25/01	Wetland Types(s):	PEMf			
Result:	Wetland provides habita	at for some wildlife species				
	One Class with less than 5 species	No adjacent Water Quality limited streams				
Rationale:	Herbaceous vegetation, no ponding  Adjacent land use is primarily agric					
	Less than 0.5 acres of open water	Wetland buffer is le	ss than 10%			
Result:	Fish habitat was not a	ssessed for this wetland	<b>的特别是我们的</b>			
Rationale:	-370,000 // 1	ongresses A middhno'd has	rankan i			
Nationale.	the state of the s		and the control of the			
Result:	Wetland's water-quality fun	ction is impacted or degrade	ed in the same of			
	Primary water source is groundwater	Isolated from other				
Rationale:	Can't determine if wetland floods or ponds	Adjacent land use is prim	narily agriculture			
	High wetland vegetation cover	No adjacent Water Quality				
Result:		trol is impacted or degraded	<b>人名印罗斯伯格的</b> 名称			
	Wetland is not within 100 year floodplain	Herbaceous vegetation	n, no ponding			
Rationale:	Can't determine if wetland floods or ponds	Agriculture downslop	e of wetland			
	Water has unrestricted flow out of wetland	Agriculture upslope				
Result:	Wetland is potentially s	ensitive to future impacts				
	Stream modified or isolated wetland	Adjacent land use is prim	arily agriculture			
Rationale:	Water is taken out or isolated wetland	Adjacent zoning is prima	rily development			
	No adjacent Water Quality Limited streams	Herbaceous vegetation	n, no ponding			
Result:	Wetland has moderate p	ootential for enhancement				
	Wetland functions are impacted or degraded	Wetland is less than	n 0.5 acres			
Rationale:	Primary water source is groundwater	Wetland buffer is les	ss than 10%			
a collection of	Water flow is permanently restricted	Potentially sensitive to	future impacts			
Result:	Wetland site is not appro	priate for educational use				
	No access allowed to wetland	No access point to we	etland exists			
Rationale:	No visible hazards to public	Wetland is not limited mo	bility accessible			
	No access or observation of other habitats		10.000			
Result:	Wetland is not appropriate or d	oes not provide rec. opportu	nities			
	No access point to wetland exists	Wetland provides habitat	for some wildlife			
Rationale:	No boat launching can be developed	No fishing is al	lowed			
	No trails or viewing areas exist	No hunting is a	llowed			
Result:		ered to be pleasing	PANEL STATE			
	One Cowardin class is visible	Wetland surrounded by la	andscaped areas			
Rationale:	>50% of wetland can be seen	Natural odors presen				
	No visual detractors are present	Some traffic and natural n	oises are present			

(Revised Edition, April 1996)

### Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	Molalla L'	WI Wetland:	CC-1	
Project Location:	Clackamas County	Wetland Type(s):	PSS	
Date(s) of field work:	OFF-SITE	Approx. Area (acres):	0.61	
Onsite Assessment?:	No	Investigator(s):	SE/PF	
Wetland Location:	North of Toliver Road			

#### **Function and Condition Assessment Answers:**

Wildlife Habitat		Fish Habitat		Water Quality				Company of the Compan	Sensiti to Imp	
Q	A	Q A	Q	A	Q	$\mathbf{A}$	Q	A		
Q-1	В	Q-1	Q-1	C	Q-1	В	Q-1	A		
Q-2	A	Q-2	Q-2	В	Q-2	В	Q-2	A		
Q-3	C	Q-3	Q-3	В	Q-3	$\mathbf{C}$	Q-3	(		
Q-4	C	Q-4	Q-4	C	Q-4	A	Q-4	A		
Q-5	В	Q-5	Q-5	A	Q-5	A	Q-5	A		
Q-6	В	Q-6	Q-6	C	Q-6	A	Q-6	A		
Q-7	A				Q-7	A				
Q-8	C				-91					
O-9A										

#### Results:

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

#### **Function and Condition Assessment Answers:**

Enhancen Potentia		Educa	tion.	Recrea	tion	Aesth Qual	
Q	A	Q A		Q	$\mathbf{A}$	QAA	
Q-1	A	Q-1	C	Q-1	C	Q-1	С
Q-2	В	Q-2	A	Q-2	$\mathbf{C}$	Q-2	В
Q-3	the s	Q-3	В	Q-3	C	Q-3	A
Q-4	C	Q-4	C	Q-4	В	Q-4	$\boldsymbol{C}$
Q-5B	В	Q-5	C	Q-5	В	Q-5	A
Q-6	В	Q-6	A	Q-6	В	Q-6	A

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



Project:	Molalla LWI	Wetland:	CC-1				
Location:	Clackamas County	Approx. Area (acres):	0.61				
Date:	OFF-SITE	Wetland Types(s):	PSS				
Result:	Wetland provides habita	it for some wildlife species					
	One Cowardin class with > 5 species	No adjacent Water Quality	y limited streams				
Rationale:	Dominated by woody vegetation Adjacent land is mostly developed						
	Less than 0.5 acres of open water	Wetland buffer is between	n 10% and 40%				
Result:	Fish habitat was not a	ssessed for this wetland	<b>对于</b>				
Rationale:			Heat				
Rationale:	All side and control of the second of the se						
Result:	Wetland's water-quality fun	ction is impacted or degrade	d a constant.				
	Primary water source is groundwater	Isolated from other	wetlands				
Rationale:	Can't determine if wetland floods or ponds	Adjacent land is most	ly developed				
	Moderate vegetation cover	No adjacent Water Quality	Limited streams				
Result:	Wetland's hydrologic o	control function is intact	provide the first first				
<b>苏伊斯坦李军</b>	Wetland is not within 100 year floodplain	Dominated by woody	vegetation				
Rationale:	Can't determine if wetland floods or ponds	Development downslo	pe of wetland				
	Flow out of wetland is restricted	Development upslope	e of wetland				
Result:	Wetland is potentially sensitive to future impacts						
	Stream modified or isolated wetland	Adjacent land is most	ly developed				
Rationale:	Water is taken out or isolated wetland	Adjacent zoning is primar	rily development				
	No adjacent Water Quality Limited streams	Dominated by woody	vegetation				
Result:	Wetland has high er	hancement potential	MARKET THE SECOND				
	Wetland functions are impacted or degraded	Wetland is less than					
Rationale:	Primary water source is groundwater	Wetland buffer is between	n 10% and 40%				
	Water flow is permanently restricted	Potentially sensitive to future impacts					
Result:	Wetland site is not appro	priate for educational use					
	No access allowed to wetland	No access point to we	etland exists				
Rationale:	No visible hazards to public	Wetland is limited mobi	lity accessible				
	No access or observation of other habitats						
Result:	Wetland is not appropriate or does not provide rec. opportunities						
	No access point to wetland exists	Wetland provides habitat f					
Rationale:	No boat launching can be developed	No fishing is al					
	No trails or viewing areas exist	No hunting is al	lowed				
Result:	Wetland is not as	thetically pleasing	<b>以</b> 推荐,这个人的"大大"。				
	One Cowardin class is visible	Wetland surrounded by	development				
Rationale:	25 - 50% of wetland can be seen	Natural odors present					
	No visual detractors are present	Some traffic and natural n	oises are present				

(Revised Edition, April 1996)

### **Wetland Assessment Summary Sheet**



Pacific Habitat Services, Inc.

Project Name:	Molalla L'	WI Wetland:	CC-2		
Project Location:	Clackamas County	Wetland Type(s):	PEM		
Date(s) of field work:	OFF-SITE	Approx. Area (acres):	1.25		
Onsite Assessment?:	No	Investigator(s):	Investigator(s): PF/ JVS		
Wetland Location:	North of Toliver Road, west of Oriental Court				

#### **Function and Condition Assessment Answers:**

Wildl Habit		Fish Habita	t.	Water Hydrologic Quality Control		Sensiti to Im			
Q	A	Q	A	Q	A	Q	$\mathbf{A}$	Q	Α
Q-1	В	Q-1	D 95701	Q-1	C	Q-1	В	Q-1	A
Q-2	C	Q-2	- Divi	Q-2	В	Q-2	<b>B</b>	Q-2	A
Q-3	C	Q-3	511	Q-3	В	Q-3	В	Q-3	C
Q-4	C	Q-4	5706	Q-4	В	Q-4	C	Q-4	A
Q-5	В	Q-5	0.00	Q-5	A	Q-5	C	Q-5	A
Q-6	В	Q-6		Q-6	C	Q-6	A	Q-6	C
Q-7	A					Q-7	A		
Q-8	C				. In		21.		
O-9A									

#### 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:**

Enhancen Potentia	400	Educa	tion	Recreation		Aesthetic Quality	
$\mathbf{Q}$	A	Q	A	Q	Α	Q	Α
Q-1	A	Q-1	C	Q-1	C	Q-1	С
Q-2	В	Q-2	A	Q-2	C	Q-2	A
Q-3		Q-3	B	Q-3	C	Q-3	$\mathbf{C}$
Q-4	В	Q-4	C	Q-4	В	Q-4	B
Q-5B	В	Q-5	C	Q-5	В	Q-5	A
Q-6	В	Q-6	В	Q-6	В	Q-6	A

<b>Enhancement Potential</b>	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



Project:	Molalla LWI	Wetland:	CC-2			
Location:	Clackamas County	Approx. Area (acres):	1.25			
Date:	OFF-SITE	Wetland Types(s):	PEM			
Result:	Wetland provides habita	at for some wildlife species	<b>被外的特别</b> 在并经验			
并经验。	One Cowardin class with > 5 species	No adjacent Water Quality limited streams				
Rationale:	Herbaceous vegetation, no ponding  Adjacent land is mostly d					
	Less than 0.5 acres of open water	Wetland buffer is between	n 10% and 40%			
Result:	Fish habitat was not a	ssessed for this wetland	物學的學習的學習			
		The St.	made and			
Rationale:	Cathles & Dec. Thanks	TO ANGEST OF THE				
Result:	Wetland's water quality fun	ction is impacted or degrade	America de la companya de la company			
Result.	Primary water source is groundwater	Surface water connection				
Rationale:	Can't determine if wetland floods or ponds	Adjacent land is most				
Kationale.	Moderate vegetation cover		·			
Result:	Moderate vegetation cover No adjacent Water Quality Limited stre  Wetland's hydrologic control is impacted or degraded					
Result.	Wetland is not within 100 year floodplain	Herbaceous vegetation	no ponding			
Rationale:						
Rationale:	Can't determine if wetland floods or ponds Water has unrestricted flow out of wetland	Development downslo				
Result:						
Resuit:	Wetland is potentially sensitive to future impacts  Stream modified or isolated wetland  Adjacent land is mostly developed					
D	Stream modified or isolated wetland					
Rationale:	Water is taken out or isolated wetland	Adjacent zoning is primarily development Herbaceous vegetation, no ponding				
Result:	No adjacent Water Quality Limited streams		i, no ponding			
Result:		wetland is between 0.				
D-44	Wetland functions are impacted or degraded					
Rationale:	Primary water source is groundwater	Wetland buffer is between 10% and 40% Potentially sensitive to future impacts				
Result:	Water flow is permanently restricted		iuture impacts			
Result:		priate for educational use	tland aviata			
Dationals	No access allowed to wetland	No access point to we				
Rationale:	No visible hazards to public  No access or observation of other habitats	Wetland is not limited mo	bility accessible			
Result:						
Result:	Wetland is not appropriate or does not provide rec. opportunities  No access point to wetland exists  Wetland provides habitat for some wil					
D-491	No access point to wetland exists					
Rationale:	No boat launching can be developed	No fishing is all				
D. V	No trails or viewing areas exist	No hunting is al	lowed			
Result:		sthetically pleasing				
D. C. Salar	One Cowardin class is visible	Wetland surrounded by la				
Rationale:	>50% of wetland can be seen	Natural odors present				
是"大型"。 第二十二章	Visual detractors present, can't be removed	Some traffic and natural ne	oises are present			

(Revised Edition, April 1996)

### **Wetland Assessment Summary Sheet**



Pacific Habitat Services, Inc.

Project Name:	Molalla L'	WI Wetland:	CC-3	
Project Location:	Clackamas County	Wetland Type(s):	PEM	
Date(s) of field work:	4/20/01	Approx. Area (acres):	0.08	
Onsite Assessment?:	Yes Investigator(s):		PF/CR	
Wetland Location:	North of Toliver Road.			

#### **Function and Condition Assessment Answers:**

Wildl Habit	SHAROCHEN P. ROLL	Fish Habitat	CHAP GENERAL STREET	Water Hydrolog Quality Contro				
Q	A	Q	A Q	A	Q	A	Q	A
Q-1	C	Q-1	Q-	C	Q-1	В	Q-1	A
Q-2	C	Q-2	Q-2	2 B	Q-2	В	Q-2	A
Q-3	C	Q-3	Q-:	3 B	Q-3	В	Q-3	(
Q-4	C	Q-4	Q-4	B	Q-4	A	Q-4	A
Q-5	В	Q-5	Q-:	5 A	Q-5	C	Q-5	A
Q-6	В	Q-6	Q-0	5 C	Q-6	A	Q-6	(
Q-7	A				Q-7	A		
Q-8	C							
O-9A	a bed and							

#### 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 degra			
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:**

Enhancen Potentia		Educa	tion	Recrea	tion	Aesthetic Quality	
Q	A	Q A		Q	A	Q	
Q-1	A	Q-1	C	Q-1	C	Q-1	С
Q-2	В	Q-2	A	Q-2	C	Q-2	A
Q-3	200	Q-3	В	Q-3	C	Q-3	A
Q-4	В	Q-4	C	Q-4	В	Q-4	C
Q-5B	A	Q-5	C	Q-5	В	Q-5	A
Q-6	B	Q-6	В	Q-6	В	Q-6	A

<b>Enhancement Potential</b>	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				



Project:	Molalla LWI	Wetland:	CC-3					
Location:	Clackamas County	Approx. Area (acres):	0.08					
Date:	4/20/01	Wetland Types(s): PEM						
Result:	Wetland provides habita	nt for some wildlife species	Mar Marine Inc.					
	One Class with less than 5 species	No adjacent Water Qualit	y limited streams					
Rationale:	Herbaceous vegetation, no ponding	Adjacent land is mos	tly developed					
	Less than 0.5 acres of open water	Wetland buffer is great	ater than 40%					
Result:	Fish habitat was not a	ssessed for this wetland	<b>经过度的</b>					
Rationale:		A Decide of Contract of Contract	120 117					
Result:	Wetland's water-quality fun	ction is impacted or degrade	ed					
15月12月1里	Primary water source is groundwater	Surface water connection						
Rationale:	Can't determine if wetland floods or ponds	Adjacent land is most	tly developed					
	Moderate vegetation cover	No adjacent Water Quality						
Result:	Wetland's hydrologic cont	rol is impacted or degraded	的主义的主持和对于					
	Wetland is not within 100 year floodplain	Herbaceous vegetation	n, no ponding					
Rationale:	Can't determine if wetland floods or ponds	Development downslo	pe of wetland					
	Flow out of wetland is restricted	Development upslop	e of wetland					
Result:	Wetland is potentially sensitive to future impacts							
	Stream modified or isolated wetland Adjacent land is mostly							
Rationale:	Water is taken out or isolated wetland	Adjacent zoning is prima	rily development					
<b>从正次直接</b> 五	No adjacent Water Quality Limited streams	Herbaceous vegetation	n, no ponding					
Result:	Wetland has high en	nhancement potential						
	Wetland functions are impacted or degraded	Wetland is between 0.	5 and 5 acres					
Rationale:	Primary water source is groundwater	Wetland buffer is grea	nter than 40%					
	Water flow is permanently restricted	Potentially sensitive to	future impacts					
Result:	Wetland site is not appro	priate for educational use						
	No access allowed to wetland	No access point to w	etland exists					
Rationale:	No visible hazards to public	Wetland is not limited mo	bility accessible					
	No access or observation of other habitats							
Result:	Wetland is not appropriate or d	oes not provide rec. opportu	nities					
	No access point to wetland exists	Wetland provides habitat	for some wildlife					
Rationale:	No boat launching can be developed	No fishing is al	lowed					
	No trails or viewing areas exist	No hunting is a	llowed					
Result:	Wetland is not ae	sthetically pleasing						
	One Cowardin class is visible	Wetland surrounded by	development					
Rationale:	>50% of wetland can be seen	Natural odors presen						
	No visual detractors are present	Some traffic and natural n	oises are present					

(Revised Edition, April 1996)

### Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	Molalla LV	VI Wetland:	CC-4		
Project Location:	Clackamas County	Wetland Type(s):	PEM		
Date(s) of field work:	5/1/01 and OFF-SITE	Approx. Area (acres):	3.06		
Onsite Assessment?:	Yes Investigator(s):		SE/PF		
Wetland Location:	In Big Meadow Subdivision.				

#### **Function and Condition Assessment Answers:**

Wildli Habit		Fish Habita	ıt	Wat Qual	WEIGHT STATE	Hydrol Conti	CONTRACTOR OF THE PERSON OF TH	Sensiti to Imp	THE REAL PROPERTY.
Q	A	Q	A	Q	A	Q	A	Q	A
Q-1	В	Q-1	C	Q-1	A	Q-1	В	Q-1	A
Q-2	C	Q-2	В	Q-2	В	Q-2	В	Q-2	В
Q-3	C	Q-3	C	Q-3	В	Q-3	В	Q-3	C
Q-4	C	Q-4	A	Q-4	В	Q-4	A	Q-4	B
Q-5	A	Q-5	В	Q-5	В	Q-5	C	Q-5	A
Q-6	A	Q-6	A	Q-6	C	Q-6	В	Q-6	C
Q-7	A					Q-7	A		
Q-8	В					1	11 11 11		
Q-9A	die								

#### 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		Educa	tion	Recrea	tion	Aesthetic Quality	
Q	A	Q	A	Q	A	Q	A
Q-1	A	Q-1	C	Q-1	C	Q-1	C
Q-2	A	Q-2	A	Q-2	C	Q-2	C
Q-3	A	Q-3	В	Q-3	C	Q-3	A
Q-4	В	Q-4	C	Q-4	В	Q-4	В
Q-5B	C	Q-5	C	Q-5	В	Q-5	A
Q-6	В	Q-6	В	Q-6	В	Q-6	A

<b>Enhancement Potential</b>	Wetland has high enhancement potential Wetland site is not appropriate for educational use				
Education					
Recreation	Wetland is not appropriate or does not provide rec. opportunities Wetland is not aesthetically pleasing				
Aesthetic Quality					



Project:	Molalla LWI	Wetland:	CC-4				
Location:	Clackamas County	Approx. Area (acres):	3.06				
Date:	5/1/01 and OFF-SITE	Wetland Types(s):	PEM				
Result:	Wetland provides habita	t for some wildlife species	se branch kiele				
2000年1930年	One Cowardin class with > 5 species	No adjacent Water Qua	lity limited streams				
Rationale:	Herbaceous vegetation, no ponding	Adjacent land use is pr	imarily agriculture				
	Less than 0.5 acres of open water	Wetland buffer is	less than 10%				
Result:	Wetland's fish habitat func	tion is impacted or degrad	ed				
	Less than 25% of stream is shaded	No adjacent Water Qual	ity Limited streams				
Rationale:	Only portions of stream are modified	Adjacent land use is pri	imarily agriculture				
	<10% of stream has instream structures	Salmon and/or trout present in stream					
Result:	Wetland's water-quality fund	ction is impacted or degra	ded				
	Primary water source is surface flow	Surface water connectio	n to other wetlands				
Rationale:	Can't determine if wetland floods or ponds	Adjacent land use is pri	imarily agriculture				
	Moderate vegetation cover	No adjacent Water Qual	ity Limited streams				
Result:	Wetland's hydrologic cont	rol is impacted or degrade	deliberation				
	Wetland is not within 100 year floodplain Herbaceous vegetation, n						
Rationale:	Can't determine if wetland floods or ponds	Agriculture downsle	ope of wetland				
	Flow out of wetland is restricted	Development upslo	pe of wetland				
Result:	Wetland is potentially sensitive to future impacts						
	Stream modified or isolated wetland Adjacent land use is primar						
Rationale:	Water not taken out	Adjacent zoning is prim	narily development				
	No adjacent Water Quality Limited streams	Herbaceous vegetati	on, no ponding				
Result:	Wetland has high en	hancement potential					
	Wetland functions are impacted or degraded	Wetland is between	0.5 and 5 acres				
Rationale:	Primary water source is surface flow	Wetland buffer is l	ess than 10%				
<b>以为多类的</b>	Flow into wetland is not restricted	Potentially sensitive t	o future impacts				
Result:	Wetland site is not appro	priate for educational use	Stending all of sales				
rillity and	No access allowed to wetland	No access point to	wetland exists				
Rationale:	No visible hazards to public	Wetland is not limited r	nobility accessible				
	No access or observation of other habitats						
Result:	Wetland is not appropriate or do	es not provide rec. opport	tunities				
	No access point to wetland exists	Wetland provides habita	t for some wildlife				
Rationale:	No boat launching can be developed	No fishing is	allowed				
	No trails or viewing areas exist	No hunting is	allowed				
Result:	Wetland is not aes	thetically pleasing					
	One Cowardin class is visible	Wetland surrounded by	landscaped areas				
Rationale:	Less than 25% of wetland can be seen	Natural odors prese					
是15年。 <b>基</b>	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:	Molalla L'	WI Wetland	d: CC-5		
Project Location:	Clackamas County Wetland Type(s):		PEM		
Date(s) of field work:	OFF-SITE	Approx. Area (acres):	1.32		
Onsite Assessment?:	No Investigator(s)		SE/FS		
Wetland Location:	In Big Meadow Subdivision.				

#### **Function and Condition Assessment Answers:**

Wildli Habit	SECURITION OF STREET	Fish Habitat		Water Hydrologic Quality Control		Sensitivity to Impact			
Q	A	Q	A	Q	A	Q	A	Q	A
Q-1	C	Q-1		Q-1	C	Q-1	В	Q-1	A
Q-2	C	Q-2		Q-2	A	Q-2	A	Q-2	B
Q-3	C	Q-3	- 1	Q-3	C	Q-3	В	Q-3	C
Q-4	C	Q-4	- 1	Q-4	В	Q-4	A	Q-4	В
Q-5	В	Q-5		Q-5	В	Q-5	C	Q-5	A
Q-6	В	Q-6		Q-6	C	Q-6	В	Q-6	(
Q-7	A		_			Q-7	A		
Q-8	В				_	9			
Q-9A	9.1								
and the last	1								

#### Results:

Wildlife Habitat	Wetland provides habitat for some wildlife species Fish habitat was not assessed for this wetland			
Fish Habitat				
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		Educa	tion	Recrea	tion	Aesthetic Quality	
Q	A	Q	A	Q	A	Q	A
Q-1	A	Q-1	C	Q-1	С	Q-1	C
Q-2	В	Q-2	A	Q-2	C	Q-2	C
Q-3	A	Q-3	В	Q-3	C	Q-3	A
Q-4	В	Q-4	C	Q-4	В	Q-4	B
Q-5B	C	Q-5	C	Q-5	В	Q-5	A
Q-6	В	Q-6	В	Q-6	В	Q-6	A

<b>Enhancement Potential</b>	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			



Project:	Molalla LWI	Wetland:	CC-5					
Location:	Clackamas County	Approx. Area (acres):	1.32					
Date:	OFF-SITE	Wetland Types(s):	PEM					
Result:	Wetland provides habita	nt for some wildlife species	<b>计通数</b> 数据					
	One Class with less than 5 species	No adjacent Water Quality limited streams						
Rationale:	Herbaceous vegetation, no ponding	Adjacent land use is prim	arily agriculture					
	Less than 0.5 acres of open water	Wetland buffer is les	s than 10%					
Result:	Fish habitat was not a	ssessed for this wetland	的情况都是表现的意					
		and the second second	anida in Company					
Rationale:	F 7 T 18 4 4	A TOTAL PARTY TO A	197 79 1					
Manager 1	Bigg of all April 1 Journal Committee of the	Local Land Control of	auterial					
Result:	Wetland's water-quality fun							
	Primary water source is groundwater	Surface water connection	The state of the s					
Rationale:	Wetland floods/ponds in growing season	Adjacent land use is prim						
10000000000000000000000000000000000000	Low vegetation cover	No adjacent Water Quality	Limited streams					
Result:	Wetland's hydrologic control is impacted or degraded							
	Wetland is not within 100 year floodplain	Herbaceous vegetation						
Rationale:	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							
	Stream modified or isolated wetland	Adjacent land use is prim	arily agriculture					
Rationale:	Water not taken out Adjacent zoning is primarily develop							
	No adjacent Water Quality Limited streams	Herbaceous vegetation, no ponding						
Result:		nhancement potential						
	Wetland functions are impacted or degraded	Wetland is between 0.:						
Rationale:	Primary water source is groundwater	Wetland buffer is les						
	Flow into wetland is not restricted	Potentially sensitive to	future impacts					
Result:	Wetland site is not appro	priate for educational use	<b>建筑中国的农业</b>					
	No access allowed to wetland	No access point to we						
Rationale:	No visible hazards to public	Wetland is not limited mo	bility accessible					
	No access or observation of other habitats							
Result:	Wetland is not appropriate or de							
	No access point to wetland exists	Wetland provides habitat f	or some wildlife					
Rationale:	No boat launching can be developed	No fishing is allowed						
	No trails or viewing areas exist No hunting is allowed							
Result:		sthetically pleasing	<b>特別的開業性</b> 在					
	One Cowardin class is visible	Wetland surrounded by la	ndscaped areas					
Rationale:	Less than 25% of wetland can be seen	Natural odors present						
<b>南京 南 5</b> 年	No visual detractors are present	Some traffic and natural no	oises are present					

(Revised Edition, April 1996)

### Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	Molalla L'	WI Wetland:	CC-6A		
Project Location:	Clackamas County	Wetland Type(s):	PEM/PFO		
Date(s) of field work:	OFF-SITE	Approx. Area (acres):	1.62		
Onsite Assessment?:	No	Investigator(s):	SE/PF		
Wetland Location:	North of Toliver Road, east of old road bed				

#### **Function and Condition Assessment Answers:**

Wildlife Habitat		Fish Habita	ıt .	Water Quality		Hydrologic Control		Sensitivity to Impact	
Q	A	Q	A	Q	A	Q	A	Q	A
Q-1	A	Q-1	С	Q-1	A	Q-1	В	Q-1	A
Q-2	C	Q-2	В	Q-2	В	Q-2	В	Q-2	B
Q-3	C	Q-3	C	Q-3	A	Q-3	В	Q-3	(
Q-4	C	Q-4	A	Q-4	В	Q-4	C	Q-4	E
Q-5	A	Q-5	В	Q-5	В	Q-5	C	Q-5	A
Q-6	A	Q-6	A	Q-6	C	Q-6	В	Q-6	(
Q-7	A					Q-7	A	T. S. Piller	
Q-8	В						-7		
Q-9A									

#### 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		Educa	tion	Recreation		Aesthetic Quality	
Q	A	Q	A	Q	A	Q	A
Q-1	A	Q-1	C	Q-1	C	Q-1	В
Q-2	A	Q-2	A	Q-2	C	Q-2	В
Q-3	A	Q-3	В	Q-3	C	Q-3	A
Q-4	В	Q-4	C	Q-4	В	Q-4	A
Q-5B	В	Q-5	C	Q-5	В	Q-5	A
Q-6	В	Q-6	В	Q-6	В	Q-6	A

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			



Project:	Molalla LWI	Wetland:	CC-6A					
Location:	Clackamas County	Approx. Area (acres):	1.62					
Date:	OFF-SITE	Wetland Types(s):	PEM/PFO					
Result:	Wetland provides habita	t for some wildlife species	<b>网络拉拉姆斯斯</b> 纳纳					
	More than one Cowardin class	No adjacent Water Qua	lity limited streams					
Rationale:	Herbaceous vegetation, no ponding	Adjacent land use is pr	imarily agriculture					
	Less than 0.5 acres of open water	Wetland buffer is betw	een 10% and 40%					
Result:	Wetland's fish habitat func	tion is impacted or degrad	ed					
The street of the street	Less than 25% of stream is shaded	No adjacent Water Qual	ity Limited streams					
Rationale:	Only portions of stream are modified	Adjacent land use is pr	imarily agriculture					
	<10% of stream has instream structures	Salmon and/or trout p						
Result:	Wetland's water-quality fun	ction is impacted or degra	ded					
	Primary water source is surface flow	Surface water connection	n to other wetlands					
Rationale:	Can't determine if wetland floods or ponds	Adjacent land use is pr	imarily agriculture					
	High wetland vegetation cover							
Result:	Wetland's hydrologic control is impacted or degraded							
16.	Wetland is not within 100 year floodplain Herbaceous vegetation, no p							
Rationale:	Can't determine if wetland floods or ponds	Agriculture downslope of wetland						
	Water has unrestricted flow out of wetland	Development upslo	ope of wetland					
Result:	Wetland is potentially sensitive to future impacts							
	Stream modified or isolated wetland	Adjacent land use is primarily agriculture						
Rationale:	Water not taken out	Adjacent zoning is primarily developme						
	No adjacent Water Quality Limited streams	Herbaceous vegetation, no ponding						
Result:	Wetland has high en	hancement potential						
	Wetland functions are impacted or degraded	Wetland is between	0.5 and 5 acres					
Rationale:	Primary water source is surface flow	Wetland buffer is between 10% and 40%						
MELANTA	Flow into wetland is not restricted	Potentially sensitive t	o future impacts					
Result:	Wetland site is not appro	priate for educational use	TO SECTION AND THE SECTION AND					
	No access allowed to wetland	No access point to	wetland exists					
Rationale:	No visible hazards to public	Wetland is not limited n	nobility accessible					
	No access or observation of other habitats							
Result:	Wetland is not appropriate or do	oes not provide rec. opport	unities					
	No access point to wetland exists	Wetland provides habita	t for some wildlife					
Rationale:	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	2. 为公司第一次,第二次,					
	Two Cowardin classes visible	Wetland surrounded	by natural areas					
Rationale:	25 - 50% of wetland can be seen	Natural odors prese	ent at wetland					
	No visual detractors are present	Some traffic and natural	noises are present					

(Revised Edition, April 1996)

### **Wetland Assessment Summary Sheet**



Pacific Habitat Services, Inc.

Project Name:	Molalla L'	WI Wetland:	CC-6B
<b>Project Location:</b>	Clackamas County	Wetland Type(s):	PEM/PFO
Date(s) of field work:	OFF-SITE	Approx. Area (acres):	2.90
Onsite Assessment?:	No	Investigator(s):	SE/PF
Wetland Location:	North of To	tracks	

#### **Function and Condition Assessment Answers:**

Wildlife Habitat		Fish Habita			• •		Sensitiv to Impa		
Q	A	Q	A	Q	A	Q	Α	Q	A
Q-1	A	Q-1	C	Q-1	A	Q-1	В	Q-1	A
Q-2	C	Q-2	В	Q-2	В	Q-2	В	Q-2	В
Q-3	C	Q-3	C	Q-3	A	Q-3	В	Q-3	C
Q-4	C	Q-4	A	Q-4	В	Q-4	$\mathbf{C}$	Q-4	B
Q-5	A	Q-5	В	Q-5	В	Q-5	C	Q-5	B
Q-6	A	Q-6	A	Q-6	C	Q-6	В	Q-6	$\boldsymbol{c}$
Q-7	A				"	Q-7	A		
Q-8	В						61.		
004									

#### 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	Α	Q	A	Q	Α	Q	A
Q-1	A	Q-1	C	Q-1	С	Q-1	В
Q-2	A	Q-2	Α	Q-2	C	Q-2	В
Q-3	A	Q-3	В	Q-3	C	Q-3	A
Q-4	В	Q-4	C	Q-4	В	Q-4	A
Q-5B	В	Q-5	C	Q-5	В	Q-5	A
Q-6	В	Q-6	В	Q-6	В	Q-6	A

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



Project:	Molalla LWI	Wetland:	CC-6B				
Location:	Clackamas County	Approx. Area (acres):	2.90				
Date:	OFF-SITE	Wetland Types(s):	PEM/PFO				
Result:	Wetland provides habitat for some wildlife species						
Rationale:	More than one Cowardin class	No adjacent Water Qual	ity limited streams				
	Herbaceous vegetation, no ponding	Adjacent land use is primarily agriculture					
	Less than 0.5 acres of open water	Wetland buffer is between 10% and 40%					
Result:	Wetland's fish habitat func	tion is impacted or degraded					
Rationale:	Less than 25% of stream is shaded	No adjacent Water Quality Limited streams					
	Only portions of stream are modified	Adjacent land use is primarily agriculture					
	<10% of stream has instream structures	Salmon and/or trout present in stream					
Result:	Wetland's water-quality function is impacted or degraded						
Rationale:	Primary water source is surface flow	Surface water connection	n 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						
	Wetland is not within 100 year floodplain	Herbaceous vegetation, no ponding					
Rationale:	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						
	Stream modified or isolated wetland	Adjacent land use is pri	marily agriculture				
Rationale:	Water not taken out	Adjacent zoning is primarily agriculture					
	No adjacent Water Quality Limited streams	Herbaceous vegetation, no ponding					
Result:	Wetland has high enhancement potential						
	Wetland functions are impacted or degraded	Wetland is between 0.5 and 5 acres					
Rationale:	Primary water source is surface flow	Wetland buffer is between 10% and 40%					
	Flow into wetland is not restricted	Potentially sensitive to future impacts					
Result:	Wetland site is not appropriate for educational use						
Rationale:	No access allowed to wetland	No access point to wetland exists					
	No visible hazards to public	Wetland is not limited mobility accessible					
	No access or observation of other habitats						
Result:	Wetland is not appropriate or does not provide rec. opportunities						
Rationale:	No access point to wetland exists	Wetland provides habita	t for some wildlife				
	No boat launching can be developed	No fishing is allowed					
	No trails or viewing areas exist	No hunting is	allowed				
Result:	Wetland is considered to be moderately pleasing						
Rationale:	Two Cowardin classes visible	Wetland surrounded by natural areas					
	25 - 50% of wetland can be seen	Natural odors present at wetland					
	No visual detractors are present	Some traffic and natural noises are present					

(Revised Edition, April 1996)

## **Wetland Assessment Summary Sheet**



Pacific Habitat Services, Inc.

Project Name:	Molalla L'	WI Wetland:	CC-7A		
Project Location:	Clackamas County	Wetland Type(s):	PFO		
Date(s) of field work:	OFF-SITE	Approx. Area (acres):	0.63		
Onsite Assessment?:	No	Investigator(s):	PF/CR		
Wetland Location:	North of Toliver Road, east of railroad tracks.				

### **Function and Condition Assessment Answers:**

Wildlife Habitat		Fish Habitat		Water Quality		Hydrologic Control		Sensitivity to Impact	
Q	A	$\mathbf{Q}$	A	Q	A	Q ,	A	Q	A
Q-1	A	Q-1	В	Q-1	A	Q-1	В	Q-1	A
Q-2	A	Q-2	A	Q-2	В	Q-2	В	Q-2	В
Q-3	В	Q-3	В	Q-3	A	Q-3	В	Q-3	C
Q-4	C	Q-4	A	Q-4	В	Q-4	В	Q-4	A
Q-5	A	Q-5	C	Q-5	A	Q-5	A	Q-5	A
Q-6	A	Q-6	A	Q-6	C	Q-6	В	Q-6	A
Q-7	A		ST.		-	Q-7	A		
Q-8	C				100	7 1. 0			
O-9A	0 TH V								

### 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		Recrea	tion	Aesthetic Quality	
Q	$\mathbf{A}$	Q	A	Q	A	Q	A
Q-1	A	Q-1	C	Q-1	С	Q-1	В
Q-2	A	Q-2	A	Q-2	C	Q-2	C
Q-3	A	Q-3	A	Q-3	C	Q-3	A
Q-4	В	Q-4	C	Q-4	В	Q-4	B
Q-5B	C	Q-5	C	Q-5	В	Q-5	A
Q-6	В	Q-6	В	Q-6	В	Q-6	A

<b>Enhancement Potential</b>	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		



Project: Molalla LWI	Wetland: CC-7A			
Location: Clackamas County Appr	ox. Area (acres): 0.63			
Date: OFF-SITE Wetl	and Types(s): PFO			
Result: Wetland provides habitat for s	ome wildlife species			
More than one Cowardin class No	adjacent Water Quality limited streams			
Rationale: Dominated by woody vegetation	Adjacent land is mostly developed			
Less than 0.5 acres of open water	Wetland buffer is less than 10%			
Result: Wetland's fish habitat fur	ction is intact			
25-50% of stream is shaded No	adjacent Water Quality Limited streams			
Rationale: Stream is in a natural channel	Adjacent land is mostly developed			
10-25% of stream has instream structures	Salmon and/or trout present in stream			
Result: Wetland's water-quality function is	impacted or degraded			
Primary water source is surface flow Sur	face water connection to other wetlands			
Rationale: 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 i	npacted or degraded			
Wetland is not within 100 year floodplain	Dominated by woody vegetation			
Rationale: Can't determine if wetland floods or ponds	Agriculture downslope of wetland			
Minor restrictions slow down the water	Development upslope of wetland			
Result: Wetland is potentially sensitive	to future impacts			
Stream modified or isolated wetland	Adjacent land is mostly developed			
Rationale: Water not taken out Ad	jacent zoning is primarily development			
No adjacent Water Quality Limited streams	Dominated by woody vegetation			
Result: Wetland has high enhance	nent potential			
Wetland functions are impacted or degraded	Wetland is between 0.5 and 5 acres			
Rationale: Primary water source is surface flow	Wetland buffer is less than 10%			
Flow into wetland is not restricted	otentially sensitive to future impacts			
Result: Wetland site is not appropriate	for educational use			
No access allowed to wetland	No access point to wetland exists			
Rationale: No visible hazards to public We	tland is not limited mobility accessible			
No access or observation of other habitats	T A			
Result: Wetland is not appropriate or does not	provide rec. opportunities			
No access point to wetland exists We	Wetland provides habitat for some wildlife			
Rationale: 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 me	derately pleasing			
Two Cowardin classes visible W	etland surrounded by landscaped areas			
Rationale: Less than 25% of wetland can be seen	Natural odors present at wetland			
Bess than 25 / 0 of Wethand can be seen	Tratural odors present at wetland			

(Revised Edition, April 1996)

## Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	Molalla LWI We		id: CC-7B		
Project Location:	Clackamas County	ackamas County Wetland Type(s):			
Date(s) of field work:	OFF-SITE	Approx. Area (acres)	0.81		
Onsite Assessment?:	No Investigator(s):		PF/CR		
Wetland Location:	North of Toliver Road, east of railroad 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	В	Q-1	C	Q-1	A	Q-1	В	Q-1	A
Q-2	В	Q-2	A	Q-2	A	Q-2	A	Q-2	B
Q-3	A	Q-3	C	Q-3	A	Q-3	В	Q-3	C
Q-4	C	Q-4	A	Q-4	В	Q-4	C	Q-4	A
Q-5	A	Q-5	C	Q-5	A	Q-5	В	Q-5	A
Q-6	A	Q-6	A	Q-6	C	Q-6	В	Q-6	В
Q-7	A					Q-7	A		
Q-8	C						1 1 1 1 1		
Q-9A									
0-9R	C								

### **Results:**

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

#### **Function and Condition Assessment Answers:**

Enhancement Potential		Education		Recrea	tion	Aesthetic Quality	
Q	A	Q	A	Q	A	Q	A
Q-1	A	Q-1	C	Q-1	C	Q-1	В
Q-2	A	Q-2	A	Q-2	C	Q-2	В
Q-3	A	Q-3	В	Q-3	C	Q-3	A
Q-4	В	Q-4	C	Q-4	В	Q-4	B
Q-5B	C	Q-5	C	Q-5	В	Q-5	A
Q-6	В	Q-6	В	Q-6	В	Q-6	A

<b>Enhancement Potential</b>	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



Project:	Molalla LWI	Wetland:	CC-7B		
Location:	Clackamas County	Approx. Area (acres):	0.81		
Date:	OFF-SITE	Wetland Types(s):	PEM		
Result:	Wetland provides habita	at for some wildlife species	<b>以外的企图或数据</b> 证的数		
	One Cowardin class with > 5 species	No adjacent Water Quali	ty limited streams		
Rationale:	Herbaceous vegetation & ponding	Adjacent land is mos	stly developed		
	Less than 0.5 acres of open water	Wetland buffer is le	ess than 10%		
Result:	Wetland's fish habitat fund	ction is impacted or degrade	d		
	Less than 25% of stream is shaded	No adjacent Water Qualit	y Limited streams		
Rationale:	Stream is in a natural channel	Adjacent land is mos	tly developed		
<b>建设设施</b>	<10% of stream has instream structures	Salmon and/or trout pr	resent in stream		
Result:	Wetland's water-qu	ality function is intact	<b>新新老林的教授的</b> 有关		
	Primary water source is surface flow	Surface water connection	to other wetlands		
Rationale:	Wetland floods/ponds in growing season	Adjacent land is mos	tly developed		
	High wetland vegetation cover	No adjacent Water Qualit	y Limited streams		
Result:	Wetland's hydrologic cont	trol is impacted or degraded			
	Wetland is not within 100 year floodplain	on & ponding			
Rationale:	Wetland floods/ponds in growing season	Agriculture downslo	pe of wetland		
	Water has unrestricted flow out of wetland	Development upslop	be of wetland		
Result:	Wetland is potentially s	ensitive to future impacts	用铁铁 黄色 美心		
	Stream modified or isolated wetland				
Rationale:	Water not taken out	Adjacent zoning is primarily developn			
	No adjacent Water Quality Limited streams	Herbaceous vegetation	on & ponding		
Result:	Wetland has high en	nhancement potential	<b>以下来的人物的人</b>		
	Wetland functions are impacted or degraded	Wetland is between 0	.5 and 5 acres		
Rationale:	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 appro	priate for educational use			
<b>传播展生生</b> 基	No access allowed to wetland	No access point to w	etland exists		
Rationale:	No visible hazards to public	Wetland is not limited m			
	No access or observation of other habitats				
Result:	Wetland is not appropriate or de	oes not provide rec. opportu	ınities		
le la	No access point to wetland exists	Wetland provides habitat for some wildlife			
Rationale:	No boat launching can be developed	No fishing is allowed			
	No trails or viewing areas exist	No hunting is a	llowed		
Result:	Wetland is considered t	o be moderately pleasing			
	Two Cowardin classes visible	Wetland surrounded by	landscaped areas		
Rationale:	25 - 50% of wetland can be seen	Natural odors preser	nt at wetland		
	No visual detractors are present	Some traffic and natural i	noises are present		

(Revised Edition, April 1996)

## Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	Molalla L'	WI Wetland:	CC-7C	
Project Location:	Clackamas County	Wetland Type(s):	PFO/PSS	
Date(s) of field work:	OFF-SITE	Approx. Area (acres):	1.30	
Onsite Assessment?:	No	Investigator(s):	PF/CR	
Wetland Location:	West of Creamery Creek Lane			

### **Function and Condition Assessment Answers:**

Wildlife Habitat		Fish Habitat		Water Quality		Hydrologic Control		Sensitivity to Impact	
Q	A	Q	A	Q	A	Q	A	Q	A
Q-1	A	Q-1	C	Q-1	A	Q-1	В	Q-1	A
Q-2	A	Q-2	В	Q-2	A	Q-2	A	Q-2	В
Q-3	В	Q-3	В	Q-3	A	Q-3	В	Q-3	C
Q-4	C	Q-4	A	Q-4	В	Q-4	C	Q-4	B
Q-5	A	Q-5	В	Q-5	В	Q-5	A	Q-5	A
Q-6	A	Q-6	A	Q-6	C	Q-6	В	Q-6	A
Q-7	A					Q-7	A	7.5	
Q-8	В				_	1,000	7 10		
A O C									

### Results:

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

### **Function and Condition Assessment Answers:**

Enhancen Potentia	TO THE PARTY	Educa	tion	Recreation		Aesthetic Quality	
Q	A	Q	A	Q	A	Q	A
Q-1	A	Q-1	A	Q-1	В	Q-1	A
Q-2	A	Q-2	В	Q-2	C	Q-2	B
Q-3	A	Q-3	В	Q-3	C	Q-3	A
Q-4	В	Q-4	В	Q-4	В	Q-4	В
Q-5B	C	Q-5	В	Q-5	В	Q-5	A
Q-6	В	Q-6	A	Q-6	В	Q-6	A

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



Project:	Molalla LWI	Wetland:	CC-7C		
Location:	Clackamas County	Approx. Area (acres):	1.30		
Date:	OFF-SITE	Wetland Types(s):	PFO/PSS		
Result:	Wetland provides habita	nt for some wildlife species	1977.2013.2013.2013.2013.2013.2013.2013.2013		
	More than one Cowardin class	No adjacent Water Qual	ity limited streams		
Rationale:	Dominated by woody vegetation	Adjacent land use is primarily agricultu			
	Less than 0.5 acres of open water	Wetland buffer is l	ess than 10%		
Result:	Wetland's fish habitat func	tion is impacted or degrad	ed with the same		
15 15 15 15	Less than 25% of stream is shaded	No adjacent Water Quali	ity Limited streams		
Rationale:	Only portions of stream are modified	Adjacent land use is pri	marily agriculture		
	10-25% of stream has instream structures	Salmon and/or trout p			
Result:	Wetland's water-qua	ality function is intact			
超步声, 设数	Primary water source is surface flow	Surface water connection	n to other wetlands		
Rationale:	Wetland floods/ponds in growing season	Adjacent land use is pri	marily agriculture		
	High wetland vegetation cover	No adjacent Water Quali			
Result:	Wetland's hydrologic cont	rol is impacted or degrade	d		
	Wetland is not within 100 year floodplain	Dominated by woo	dy vegetation		
Rationale:	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 so	ensitive to future impacts	CAN MANAGEMENT		
	Stream modified or isolated wetland	Adjacent land use is prin	marily agriculture		
Rationale:	Water not taken out	Adjacent zoning is prim	arily development		
	No adjacent Water Quality Limited streams	Dominated by wood			
Result:	Wetland has high er	hancement potential			
经基础。	Wetland functions are impacted or degraded	Wetland is between (	0.5 and 5 acres		
Rationale:	Primary water source is surface flow	Wetland buffer is less than 10%			
	Flow into wetland is not restricted	Potentially sensitive to	o future impacts		
Result:	Wetland has potenti	al for educational use			
	Wetland is open to the public	Unmaintained public acc	ess within 250 feet		
Rationale:	1 or 2 visible safety hazards	Wetland is limited mo	bility accessible		
	Other habitats can be observed not accessed				
Result:	Wetland has the potential to	provide recreational activit	ties		
	Unmaintained public access within 250 feet	Wetland provides habitat	for some wildlife		
Rationale:	No boat launching can be developed	No fishing is allowed			
	No trails or viewing areas exist	No hunting is	allowed		
Result:	Wetland is consider	ered to be pleasing			
	More than two Cowardin classes are visible	Wetland surrounded by	landscaped areas		
Rationale:	25 - 50% of wetland can be seen	Natural odors prese	nt at wetland		
	No visual detractors are present	Some traffic and natural	noises are present		

(Revised Edition, April 1996)

## Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	Molalla L	WI Wetland:	CC-8		
Project Location:	Clackamas County	Wetland Type(s):	PEM		
Date(s) of field work:	OFF-SITE	Approx. Area (acres):	0.26		
Onsite Assessment?:	No	Investigator(s):	SE/PF		
Wetland Location:	North of Toliver Road, east of old railroad bed				

**Function and Condition Assessment Answers:** 

Wildlife Habitat		Fish Habitat			Water Quality		Hydrologic Control		Sensitivity to Impact	
Q	A	Q	Α	Q	A	Q	Α	Q	A	
Q-1	В	Q-1		Q-1	В	Q-1	В	Q-1	A	
Q-2	C	Q-2		Q-2	В	Q-2	В	Q-2	B	
Q-3	C	Q-3		Q-3	C	Q-3	C	Q-3	C	
Q-4	C	Q-4		Q-4	В	Q-4	C	Q-4	A	
Q-5	A	Q-5	- 4	Q-5	A	Q-5	C	Q-5	A	
Q-6	A	Q-6		Q-6	C	Q-6	В	Q-6	$\boldsymbol{C}$	
Q-7	A					Q-7	A			
Q-8	C				- 5					
Q-9A	Į.									
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:** 

Enhancer Potenti		Educa	tion	Recrea	tion	Aesth Qual	
Q	Α	Q	A	Q	Α	Q	A
Q-1	A	Q-1	C	Q-1	C	Q-1	C
Q-2	- C	Q-2	A	Q-2	C	Q-2	A
Q-3		Q-3	В	Q-3	C	Q-3	A
Q-4	$\mathbf{C}$	Q-4	C	Q-4	В	Q-4	$\mathbf{C}$
Q-5B	$\boldsymbol{C}$	Q-5	C	Q-5	В	Q-5	A
Q-6	B	Q-6	В	Q-6	В	Q-6	В

<b>Enhancement Potential</b>	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



Project:	Molalla LWI	Wetland:	CC-8	
Location:	Clackamas County	Approx. Area (acres):	0.26	
Date:	OFF-SITE	Wetland Types(s):	PEM	
Result:	Wetland provides habit	at for some wildlife species	WIND AND WAR HE	
	One Cowardin class with > 5 species	No adjacent Water Quality limited s		
Rationale:	Herbaceous vegetation, no ponding	Adjacent land is mostly developed		
	Less than 0.5 acres of open water	Wetland buffer is les	s than 10%	
Result:	Fish habitat was not a	assessed for this wetland	<b>显然超过多数的</b>	
Rationale:			aless BEC Va. s.	
Result:	Watland's water quality fur	ction is impacted or degrade		
Result.	Primary water source is precipitation	Surface water connection t		
Rationale:	Can't determine if wetland floods or ponds	Adjacent land is mostl	and the second s	
Kationale:	Low vegetation cover	No adjacent Water Quality		
Result:			Limited streams	
Result:		trol is impacted or degraded	no pondino	
	Wetland is not within 100 year floodplain	Herbaceous vegetation, no ponding Agriculture downslope of wetland		
Rationale:	Can't determine if wetland floods or ponds			
	Water has unrestricted flow out of wetland	Development upslope	of wetland	
• Result:		ensitive to future impacts		
	Stream modified or isolated wetland	Adjacent land is mostl		
Rationale:	Water not taken out	Adjacent zoning is primarily developmen		
	No adjacent Water Quality Limited streams	Herbaceous vegetation	, no ponding	
Result:		potential for enhancement		
	Wetland functions are impacted or degraded	Wetland is less than		
Rationale:	Primary water source is precipitation	Wetland buffer is less		
<b>用</b> 2000 天力	Water flow is permanently restricted	Potentially sensitive to f	uture impacts	
Result:		opriate for educational use	are now to a contract of the	
	No access allowed to wetland	No access point to we		
Rationale:	No visible hazards to public	Wetland is not limited mol	pility accessible	
A LANGERTA	No access or observation of other habitats			
Result:	Wetland is not appropriate or d	<del></del>	100 200 20	
	No access point to wetland exists	Wetland provides habitat for		
Rationale:	No boat launching can be developed	No fishing is allowed		
	No trails or viewing areas exist	No hunting is all	owed	
Result:	Wetland is not ae	sthetically pleasing		
	One Cowardin class is visible	Wetland surrounded by	development	
Rationale:	>50% of wetland can be seen	Natural odors present	The state of the s	
4 2 2 3	No visual detractors are present	Continuous traffic and natu	ral noises occur	

(Revised Edition, April 1996)

## Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	Molalla L	WI Wetland:	CC-9A		
Project Location:	Clackamas County	Wetland Type(s):	PEM		
Date(s) of field work:	4/20/01	Approx. Area (acres):	0.44		
Onsite Assessment?:	Yes	Investigator(s):	PF/CR		
Wetland Location:	South of Toliver Road, north of Heintz and east of Ridings				

### **Function and Condition Assessment Answers:**

Wildlife Habitat		Fish Habitat		Water Quality		Hydrologic Control		Sensitivity to Impact	
Q	A	Q	A	Q	A	Q	A	Q	A
Q-1	В	Q-1		Q-1	C	Q-1	В	Q-1	A
Q-2	C	Q-2		Q-2	A	Q-2	A	Q-2	В
Q-3	В	Q-3		Q-3	В	Q-3	C	Q-3	C
Q-4	C	Q-4	5	Q-4	В	Q-4	C	Q-4	A
Q-5	В	Q-5	and the second	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									
O-QR	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		Aesth Qual	
Q	A	Q	A	Q	A	Q	A
Q-1	A	Q-1	C	Q-1	C	Q-1	В
Q-2	В	Q-2	В	Q-2	C	Q-2	A
Q-3	21au	Q-3	B	Q-3	C	Q-3	A
Q-4	C	Q-4	В	Q-4	В	Q-4	B
Q-5B	C	Q-5	C	Q-5	В	Q-5	A
Q-6	В	Q-6	В	Q-6	В	Q-6	A

<b>Enhancement Potential</b>	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	



Project:	Molalla LWI	Wetland:	CC-9A			
Location:	Clackamas County	Approx. Area (acres):	0.44			
Date:	4/20/01	Wetland Types(s):	PEM			
Result:	Wetland provides habita	t for some wildlife species	<b>以《种种》的</b> 多类形成的			
	One Cowardin class with > 5 species	No adjacent Water Qualit	ty limited streams			
Rationale:	Herbaceous vegetation, no ponding	on, no ponding Adjacent land is mostly developed				
	Less than 0.5 acres of open water	Wetland buffer is le	ss than 10%			
Result:	Fish habitat was not a	ssessed for this wetland	25. 34. 网络足够的			
Rationale:	The second secon	100 TO 10	7676 °7			
Result:	Wetland's water-quality fun	ction is impacted or degrade	ord 12 real systems			
ACSIII.	Primary water source is groundwater	Surface water connection				
Rationale:	Wetland floods/ponds in growing season	Adjacent land is mos				
Kationale.	Moderate vegetation cover	No adjacent Water Quality				
Result:		rol is impacted or degraded				
Acsuit.	Wetland is not within 100 year floodplain	Herbaceous vegetation				
Rationale:	Wetland floods/ponds in growing season	Development downslo				
Rationale.	Water has unrestricted flow out of wetland	Development upslop				
Result:		ensitive to future impacts	e or wettand			
Acsuit.	Stream modified or isolated wetland	Adjacent land is most	ly developed			
Rationale:	Water not taken out	Adjacent zoning is primarily developed				
Mationaic:	No adjacent Water Quality Limited streams	Herbaceous vegetation, no ponding				
Result:		otential for enhancement	a, no ponding			
	Wetland functions are impacted or degraded	Wetland is less tha	n 0.5 acres			
Rationale:	Primary water source is groundwater	Wetland buffer is le				
	Water flow is permanently restricted	Potentially sensitive to	AT THE R. LEWIS CO. LEWIS CO., LANSING MICH. LANSING MICH.			
Result:		priate for educational use				
	No access allowed to wetland	No access point to w	etland exists			
Rationale:	1 or 2 visible safety hazards	Wetland is not limited me				
	Other habitats can be observed not accessed	75.7 12				
Result:	Wetland is not appropriate or de	oes not provide rec. opportu	nities			
	No access point to wetland exists	Wetland provides habitat				
Rationale:	No boat launching can be developed					
	No trails or viewing areas exist	No hunting is a				
Result:		ered to be pleasing				
	Two Cowardin classes visible	Wetland surrounded by l	andscaped areas			
Rationale:	>50% of wetland can be seen	Natural odors presen				
	No visual detractors are present	Some traffic and natural r				

(Revised Edition, April 1996)

## Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	Molalla L'	WI Wetland:	CC-9B			
Project Location:	Clackamas County	Wetland Type(s):	PFO			
Date(s) of field work:	4/20/01	Approx. Area (acres):	1.02			
Onsite Assessment?:	Yes	Investigator(s):	PF/CR			
Wetland Location:	South of Toliver Road, north of Heintz and east of Ridings					

### **Function and Condition Assessment Answers:**

Wildlife Habitat		Fish Habitat			Water Quality		Hydrologic Control		Sensitivity to Impact	
Q	A	Q	A	Q	A	Q	A	Q	A	
Q-1	В	Q-1		Q-1	A	Q-1	В	Q-1	A	
Q-2	A	Q-2		Q-2	A	Q-2	A	Q-2	E	
Q-3	В	Q-3		Q-3	A	Q-3	C	Q-3	(	
Q-4	C	Q-4		Q-4	В	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		10-11-11			Q-7	A			
Q-8	C				_					
D-9A										

### **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:**

Enhancen Potentia		Educa	tion	Recrea	tion	Aesth Qual	
Q	A	Q	A	Q	A	Q	A
Q-1	A	Q-1	C	Q-1	C	Q-1	В
Q-2	A	Q-2	В	Q-2	C	Q-2	A
Q-3	C	Q-3	В	Q-3	C	Q-3	A
Q-4	$\boldsymbol{C}$	Q-4	В	Q-4	В	Q-4	B
Q-5B	B	Q-5	C	Q-5	В	Q-5	A
Q-6	B	Q-6	В	Q-6	В	Q-6	$-\mathbf{A}$

<b>Enhancement Potential</b>	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



Project:	Molalla LWI	Wetland:	CC-9B			
Location:	Clackamas County	Approx. Area (acres):	1.02			
Date:	4/20/01	Wetland Types(s):	PFO			
Result:	Wetland provides habita	at for some wildlife species				
	One Cowardin class with > 5 species	No adjacent Water Quality limited streams				
Rationale:	Dominated by woody vegetation Adjacent land is mostly developed					
	Less than 0.5 acres of open water	Wetland buffer is between	en 10% and 40%			
Result:	Fish habitat was not a	ssessed for this wetland				
		and the time has				
Rationale:	The second secon	h, in the state of	and the second			
Result:	Wetland's water-qu	ality function is intact				
	Primary water source is surface flow	Surface water connection	to other wetlands			
Rationale:	Wetland floods/ponds in growing season	Adjacent land is mos	TOTAL SERVICE IN COMPANY OF THE PARTY OF THE			
	High wetland vegetation cover	No adjacent Water Qualit				
Result:		control function is intact	10 10 10 10 10 10 10 10 10 10 10 10 10 1			
	Wetland is not within 100 year floodplain	Dominated by wood	y vegetation			
Rationale:	Wetland floods/ponds in growing season	Development downslo				
	Water has unrestricted flow out of wetland	Development upslope of wetland				
Result:	Wetland is potentially s	ensitive to future impacts				
	Stream modified or isolated wetland	Adjacent land is mos	tly developed			
Rationale:	Water not taken out	Adjacent zoning is primarily developmen				
	No adjacent Water Quality Limited streams	Dominated by wood	y vegetation			
Result:	Wetland has moderate p	otential for enhancement	<b>经共享企业</b>			
	Wetland functions are impacted or degraded	Wetland is less tha	n 0.5 acres			
Rationale:	Primary water source is surface flow	Wetland buffer is between	en 10% and 40%			
	Water flow is permanently restricted	Potentially sensitive to	future impacts			
Result:	Wetland site is not appro	priate for educational use	DESCRIPTION OF THE PROPERTY OF			
	No access allowed to wetland	No access point to w	etland exists			
Rationale:	1 or 2 visible safety hazards	Wetland is not limited me	obility accessible			
	Other habitats can be observed not accessed					
Result:	Wetland is not appropriate or de	oes not provide rec. opportu	nities			
	No access point to wetland exists	Wetland provides habitat for some wildlife				
Rationale:	No boat launching can be developed	No fishing is allowed				
4 10 15	No trails or viewing areas exist	No hunting is a	llowed			
Result:	Wetland is consid	ered to be pleasing				
	Two Cowardin classes visible	Wetland surrounded by l	andscaped areas			
Rationale:	>50% of wetland can be seen	Natural odors presen				
NEW TOTAL	No visual detractors are present	Some traffic and natural r	oises are present			

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## Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	Molalla LWI		etland:	CC-9C	
Project Location:	Clackamas County	Clackamas County Wetland Type(s):		PEM	
Date(s) of field work:	4/20/01	Approx. Area (acres):		1.15	
Onsite Assessment?:	No	Investigator(s):		PF/CR	
Wetland Location:	South of Toliver Road, north of Heintz, at end of Pegasus Court				

### **Function and Condition Assessment Answers:**

Wildlife Habitat		Fish Habitat		Water Quality		Hydrologic Control		Sensitivity to Impact	
Q	A	Q	Α	Q	A	Q	A	Q	A
Q-1	C	Q-1		Q-1	A	Q-1	В	Q-1	A
Q-2	В	Q-2	-	Q-2	A	Q-2	A	Q-2	В
Q-3	C	Q-3		Q-3	A	Q-3	C	Q-3	- 0
Q-4	C	Q-4		Q-4	В	Q-4	C	Q-4	A
Q-5	A	Q-5		Q-5	A	Q-5	В	Q-5	A
Q-6	A	Q-6		Q-6	C	Q-6	A	Q-6	B
Q-7	A	1 1				Q-7	A		
Q-8	C						- 1		
Q-9A									

### 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:**

Enhancen Potenti		Educa	tion	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	В	Q-2	C	Q-2	A
Q-3	C	Q-3	В	Q-3	C	Q-3	A
Q-4	$\mathbf{C}$	Q-4	В	Q-4	В	Q-4	B
Q-5B	В	Q-5	C	Q-5	В	Q-5	A
Q-6	B	Q-6	В	Q-6	В	Q-6	A

<b>Enhancement Potential</b>	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



Project:	Molalla LWI	Wetland:	CC-9C					
Location:	Clackamas County	Approx. Area (acres):	1.15					
Date:	4/20/01	Wetland Types(s):	PEM					
Result:	Wetland provides habita	at for some wildlife species						
	One Class with less than 5 species	No adjacent Water Qualit	ty limited streams					
Rationale:	Herbaceous vegetation & ponding	Adjacent land is mos	tly developed					
	Less than 0.5 acres of open water	Wetland buffer is between	en 10% and 40%					
Result:	Fish habitat was not a	assessed for this wetland						
Rationale:	Telepine Hall on the best of the second seco	avi i Ti	Andrew Comment					
Result:	Wetland's water-qu	ality function is intact						
	Primary water source is surface flow	Surface water connection	to other wetlands					
Rationale:	Wetland floods/ponds in growing season	Adjacent land is most	tly developed					
	High wetland vegetation cover	No adjacent Water Quality						
Result:	Wetland's hydrologic control is impacted or degraded							
	Wetland is not within 100 year floodplain	Herbaceous vegetation						
Rationale:	Wetland floods/ponds in growing season	Development downslo						
	Water has unrestricted flow out of wetland	Development upslop						
Result:	Wetland is potentially s	ensitive to future impacts						
	Stream modified or isolated wetland	Adjacent land is most	tly developed					
Rationale:	Water not taken out	Adjacent zoning is primarily developm						
	No adjacent Water Quality Limited streams	Herbaceous vegetatio	on & ponding					
Result:	Wetland has moderate j	ootential for enhancement	A Land Control					
	Wetland functions are impacted or degraded	Wetland is less that	n 0.5 acres					
Rationale:	Primary water source is surface flow	Wetland buffer is between	en 10% and 40%					
	Water flow is permanently restricted	Potentially sensitive to	future impacts					
Result:	Wetland site is not appro	opriate for educational use						
	No access allowed to wetland	No access point to w	etland exists					
Rationale:	1 or 2 visible safety hazards	Wetland is not limited mo	obility accessible					
	Other habitats can be observed not accessed		14. A. 25. T. 11.					
Result:	Wetland is not appropriate or d	oes not provide rec. opportu	nities					
	No access point to wetland exists	Wetland provides habitat for some wildle						
Rationale:	No boat launching can be developed	No fishing is al	llowed					
	No trails or viewing areas exist	No hunting is a	llowed					
Result:	Wetland is consid	ered to be pleasing						
	One Cowardin class is visible	Wetland surrounded by 1	andscaped areas					
Rationale:	>50% of wetland can be seen	Natural odors presen	t at wetland					
	No visual detractors are present	Some traffic and natural n	noises are present					

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## **Wetland Assessment Summary Sheet**



Pacific Habitat Services, Inc.

Project Name:	Molalla L'	WI Wetlan	nd: CC-10		
Project Location:	Clackamas County Wetland Type(s):		PEM		
Date(s) of field work:	OFF-SITE	Approx. Area (acres)	0.52		
Onsite Assessment?:	No	Investigator(s):	PF/SE		
Wetland Location:	North of Main Street, east of Cole Street				

### **Function and Condition Assessment Answers:**

Wildlife Habitat		Fish Habitat		Water Quality		Hydrologic Control		Sensitivity to Impact	
Q	A	Q	A	Q	A	Q	A	Q	A
Q-1	В	Q-1		Q-1	В	Q-1	В	Q-1	A
Q-2	C	Q-2	н .	Q-2	В	Q-2	В	Q-2	A
Q-3	C	Q-3		Q-3	C	Q-3	C	Q-3	C
Q-4	C	Q-4		Q-4	C	Q-4	A	Q-4	A
Q-5	В	Q-5		Q-5	A	Q-5	C	Q-5	A
Q-6	В	Q-6		Q-6	C	Q-6	A	Q-6	C
Q-7	A					Q-7	A		-
Q-8 Q-9A	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		Educa	tion	Recreation			sthetic uality	
Q	A	Q	A	Q	A	Q	A	
Q-1	A	Q-1	C	Q-1	C	Q-1	C	
Q-2	C	Q-2	A	Q-2	C	Q-2	A	
Q-3	11/4	Q-3	В	Q-3	C	Q-3	A	
Q-4	C	Q-4	C	Q-4	В	Q-4	B	
Q-5B	C	Q-5	C	Q-5	В	Q-5	A	
Q-6	В	Q-6	A	Q-6	В	Q-6	В	

<b>Enhancement Potential</b>	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		



Project:	Molalla LWI	Wetland:	CC-10		
Location:	Clackamas County	Approx. Area (acres):	0.52		
Date:	OFF-SITE	Wetland Types(s):	PEM		
Result:	Wetland provides habita	at for some wildlife species			
	One Cowardin class with > 5 species	No adjacent Water Quali	ty limited streams		
Rationale:	Herbaceous vegetation, no ponding	Adjacent land is mos	tly developed		
	Less than 0.5 acres of open water	Wetland buffer is less than 10%			
Result:	Fish habitat was not a	ssessed for this wetland			
Rationale:					
		1 20 1 27 100 1	50 Sei Ville Val		
Result:	Wetland's water-quality fun	ction is impacted or degrad	ed in the state of		
	Primary water source is precipitation	Isolated from other	er wetlands		
Rationale:	Can't determine if wetland floods or ponds	Adjacent land is mos	tly developed		
	Low vegetation cover	No adjacent Water Quality Limited stream			
Result:	Wetland's hydrologic cont	rol is impacted or degraded	and the first supplies the process of the second		
	Wetland is not within 100 year floodplain	Herbaceous vegetation, no pond			
Rationale:	Can't determine if wetland floods or ponds	Development downslo	ope of wetland		
	Flow out of wetland is restricted	Development upslope of wetland			
Result:	Wetland is potentially s	ensitive to future impacts			
	Stream modified or isolated wetland	Adjacent land is mos	tly developed		
Rationale:	Water is taken out or isolated wetland	Adjacent zoning is prima	rily development		
	No adjacent Water Quality Limited streams	Herbaceous vegetatio	n, no ponding		
Result:	Wetland has moderate p	ootential for enhancement			
	Wetland functions are impacted or degraded	Wetland is less that	n 0.5 acres		
Rationale:	Primary water source is precipitation	Wetland buffer is le	ss than 10%		
	Water flow is permanently restricted	Potentially sensitive to	future impacts		
Result:	Wetland site is not appro	priate for educational use			
	No access allowed to wetland	No access point to w	etland exists		
Rationale:	No visible hazards to public	Wetland is limited mob	oility accessible		
	No access or observation of other habitats				
Result:	Wetland is not appropriate or d	oes not provide rec. opportu	nities		
	No access point to wetland exists	Wetland provides habitat	for some wildlife		
Rationale:	No boat launching can be developed	No fishing is a	llowed		
	No trails or viewing areas exist	No hunting is a	llowed		
Result:	Wetland is consid	ered to be pleasing			
	One Cowardin class is visible	Wetland surrounded by l	andscaped areas		
Rationale:	>50% of wetland can be seen	Natural odors preser	nt at wetland		
	No visual detractors are present	Continuous traffic and na			

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## **Wetland Assessment Summary Sheet**



Pacific Habitat Services, Inc.

Project Name:	Molalla L'	Molalla LWI Wetland:			
Project Location:	Clackamas County	Clackamas County Wetland Type(s):			
Date(s) of field work:	OFF-SITE	Approx. Area (acres):	0.27		
Onsite Assessment?:	No	Investigator(s):	PF/SE		
Wetland Location:	West of railroad tracks, south of Heintz Street				

### **Function and Condition Assessment Answers:**

Wildlife Habitat		Fish Habitat			Water Quality		Hydrologic Control		ivity oact
Q	A	Q	A	Q	A	Q	A	Q	A
Q-1	C	Q-1	1	Q-1	В	Q-1	В	Q-1	A
Q-2	C	Q-2	-14	Q-2	В	Q-2	В	Q-2	A
Q-3	C	Q-3	12.00	Q-3	C	Q-3	C	Q-3	C
Q-4	C	Q-4	51.1	Q-4	C	Q-4	A	Q-4	A
Q-5	В	Q-5	1	Q-5	A	Q-5	C	Q-5	A
Q-6	В	Q-6	P	Q-6	C	Q-6	A	Q-6	C
Q-7	A					Q-7	A		
Q-8	C								
7-9A									

### 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 degrad			
Hydrologic Control Wetland's hydrologic control is impacted or degrade			
Sensitivity to Impact	Wetland is potentially sensitive to future impacts		

### **Function and Condition Assessment Answers:**

Enhancement Potential		Educa	tion	Recrea	tion	Aesth Qual	
Q	A	Q	A	Q	A	Q	A
Q-1	A	Q-1	С	Q-1	С	Q-1	С
Q-2	_ C	Q-2	В	Q-2	C	Q-2	В
Q-3	N. Vil.	Q-3	В	Q-3	C	Q-3	C
Q-4	C	Q-4	C	Q-4	В	Q-4	C
Q-5B	C	Q-5	C	Q-5	В	Q-5	A
Q-6	В	Q-6	B	Q-6	В	Q-6	A

<b>Enhancement Potential</b>	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		



Project:	Molalla LWI	Wetland:	CC-11				
Location:	Clackamas County	Approx. Area (acres):	0.27				
Date:	OFF-SITE	Wetland Types(s):	PEM				
Result:	Wetland provides habita	at for some wildlife species					
	One Class with less than 5 species	No adjacent Water Quality limited stream					
Rationale:	Herbaceous vegetation, no ponding  Adjacent land is mostly developed						
	Less than 0.5 acres of open water	Wetland buffer is le	ss than 10%				
Result:	Fish habitat was not a	ssessed for this wetland	G Street Street				
Rationale:	Light to the Tonto T	The Control of the Co	Zatve-				
	description the Contract of	rigger in the production and the	a Wanto I				
Result:	Wetland's water-quality fun						
	Primary water source is precipitation						
Rationale:	Can't determine if wetland floods or ponds	Adjacent land is most					
	Low vegetation cover						
Result:	Wetland's hydrologic control is impacted or degraded						
	Wetland is not within 100 year floodplain	plain Herbaceous vegetation, no pe					
Rationale:	Can't determine if wetland floods or ponds	Development downslo	A				
	Flow out of wetland is restricted	Development upslope of wetland					
Result:	Wetland is potentially s	ensitive to future impacts					
	Stream modified or isolated wetland Adjacent land is mostly de						
Rationale:	Water is taken out or isolated wetland	Adjacent zoning is primarily development					
	No adjacent Water Quality Limited streams	Herbaceous vegetation	n, no ponding				
Result:	Wetland has moderate p	ootential for enhancement					
	Wetland functions are impacted or degraded	Wetland is less than	n 0.5 acres				
Rationale:	Primary water source is precipitation	Wetland buffer is les	ss than 10%				
	Water flow is permanently restricted	Potentially sensitive to	future impacts				
Result:	Wetland site is not appro	priate for educational use					
	No access allowed to wetland	No access point to w	etland exists				
Rationale:	1 or 2 visible safety hazards	Wetland is not limited mo	bility accessible				
	No access or observation of other habitats	1-1					
Result:	Wetland is not appropriate or does not provide rec. opportunities						
AND A STORY	No access point to wetland exists	Wetland provides habitat	for some wildlife				
Rationale:	No boat launching can be developed	No fishing is allowed					
	No trails or viewing areas exist	No hunting is allowed					
Result:	Wetland is not ae	sthetically pleasing					
	One Cowardin class is visible	Wetland surrounded by	development				
Rationale:	25 - 50% of wetland can be seen	Natural odors presen	t at wetland				
	Visual detractors present, can't be removed	Some traffic and natural n	oises are present				

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## Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	Molalla L'	WI Wetland	l: BC-1A
Project Location:	Clackamas County	Wetland Type(s):	
Date(s) of field work:	5/1/01	Approx. Area (acres):	13.92
Onsite Assessment?:	Yes	Investigator(s):	PF, SE
Wetland Location:	North o	of Hwy 211, west of Hwy.	213

#### Function and Condition Assessment Answers:

Wildl Habit	THE RESIDENCE	Fish Habitat		Wat Qual	THE RESERVE AND ADDRESS OF THE PARTY OF THE	Hydrol Cont		Sensiti to Imp	
Q	A	Q	A	Q	A	Q	A	Q	A
Q-1	В	Q-1		Q-1	C	Q-1	В	Q-1	A
Q-2	C	Q-2	-	Q-2	C	Q-2	C	Q-2	B
Q-3	C	Q-3	1.50	Q-3	В	Q-3	A	Q-3	(
Q-4	A	Q-4	1.2	Q-4	A	Q-4	C	Q-4	B
Q-5	В	Q-5	160	Q-5	В	Q-5	C	Q-5	B
Q-6	В	Q-6		Q-6	C	Q-6	В	Q-6	(
Q-7	A				- "	Q-7	Α		
Q-8	В				_				
O-9A	1500								

### 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		Educa	tion	Recrea	tion	Aesth Qual	
Q	A	Q	A	Q	A	Q	A
Q-1	A	Q-1	В	Q-1	A	Q-1	C
Q-2	В	Q-2	A	Q-2	C	Q-2	C
Q-3	1 100	Q-3	В	Q-3	A	Q-3	C
Q-4	A	Q-4	В	Q-4	В	Q-4	В
Q-5B	C	Q-5	A	Q-5	В	Q-5	C
Q-6	В	Q-6	В	Q-6	В	Q-6	В

<b>Enhancement Potential</b>	Wetland has high enhancement potential
Education	Wetland has potential for educational use
Recreation	Wetland provides recreational opportunities
Aesthetic Quality	Wetland is not aesthetically pleasing



Project:	Molalla LWI	Wetland:	BC-1A				
Location:	Clackamas County	Approx. Area (acres):	13.92				
Date:	5/1/01	Wetland Types(s):	PEM				
Result:	Wetland provides habita	at for some wildlife species					
	One Cowardin class with > 5 species	No adjacent Water Quality limited stream					
Rationale:	Herbaceous vegetation, no ponding	Adjacent land use is primarily agricul					
	Greater than 1 acre of open water	Wetland buffer is les	ss than 10%				
Result:	Fish habitat was not a	ssessed for this wetland					
Rationale:			antaria. Charles				
Result:	Wetland's water-quality fun	ction is impacted or degrade	d				
	Primary water source is groundwater	Wetland is more than :	acres in size				
Rationale:	Wetland does not flood or pond	Adjacent land use is prim	arily agriculture				
	Moderate vegetation cover No adjacent Water Quality Limit						
Result:	Wetland's hydrologic control is impacted or degraded						
	Wetland is not within 100 year floodplain	Herbaceous vegetation	, no ponding				
Rationale:	Wetland does not flood or pond	Agriculture downslope of wetland					
	Water has unrestricted flow out of wetland	Development upslope	e of wetland				
Result:	Wetland is potentially s	ensitive to future impacts					
	Stream modified or isolated wetland	Adjacent land use is prim	arily agriculture				
Rationale:	Water not taken out	Adjacent zoning is primarily agricultu					
i k	No adjacent Water Quality Limited streams	Herbaceous vegetation	, no ponding				
Result:	Wetland has high en	nhancement potential					
	Wetland functions are impacted or degraded	Wetland is greater th	nan 5 acres				
Rationale:	Primary water source is groundwater	Wetland buffer is less than 10%					
	Water flow is permanently restricted	Potentially sensitive to	future impacts				
Result:	Wetland has potenti	al for educational use					
	Wetland access by landowner permission	Maintained public access	within 250 feet				
Rationale:	No visible hazards to public	Wetland is not limited mo	bility accessible				
	Other habitats can be observed not accessed						
Result:	Wetland provides rec	reational opportunities					
	Maintained public access within 250 feet	Wetland provides habitat f	or some wildlife				
Rationale:	No boat launching can be developed	No fishing is allowed					
	Maintained trails, viewing areas exist	No hunting is al	lowed				
Result:	Wetland is not ae	sthetically pleasing					
	One Cowardin class is visible	Wetland surrounded by la	andscaped areas				
Rationale:	Less than 25% of wetland can be seen	Unpleasent odors are a	lways present				
	Visual detractors present, can't be removed	Continuous traffic and nat					

(Revised Edition, April 1996)

## Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	Molalla L'	WI Wetland:	BC-1B			
Project Location:	Clackamas County Wetland Type(s):		PFO, PEM			
Date(s) of field work:	5/1/01	Approx. Area (acres):	4.44			
Onsite Assessment?:	Partial	Investigator(s):	PF, SE			
Wetland Location:	North of Hwy 211, west of Hwy. 213					

### **Function and Condition Assessment Answers:**

Wildlife Habitat		Fish Habitat		Water Quality		Hydrologic Control		Sensitivity to Impact	
Q	A	Q	A	Q	Α	Q	A	Q	A
Q-1	A	Q-1	A	Q-1	A	Q-1	В	Q-1	В
Q-2	A	Q-2	A	Q-2	A	Q-2	A	Q-2	B
Q-3	A	Q-3	$\mathbf{C}$	Q-3	A	Q-3	В	Q-3	(
Q-4	C	Q-4	A	Q-4	В	Q-4	C	Q-4	E
Q-5	A	Q-5	В	Q-5	В	Q-5	A	Q-5	A
Q-6	A	Q-6	A	Q-6	C	Q-6	В	Q-6	A
Q-7	A					Q-7	A		
Q-8	В				_				
Q-9A	77.4								
~ ~~	9-11								

### 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	С	Q-1	A
Q-2		Q-2	В	Q-2	C	Q-2	В
Q-3		Q-3	A	Q-3	C	Q-3	A
Q-4		Q-4	В	Q-4	A	Q-4	A
Q-5B		Q-5	C	Q-5	В	Q-5	В
Q-6		Q-6	В	Q-6	В	Q-6	A

<b>Enhancement Potential</b>	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		



Deate: S/1/01   Wetland Types(s): PFO, PEM	Project:	Molalla LWI	Wetland:	BC-1B				
Result:	Location:	Clackamas County	Approx. Area (acres):	4.44				
More than one Cowardin class   No adjacent Water Quality limited streams	Date:	5/1/01	Wetland Types(s):	PFO, PEM				
Result:  Dominated by woody vegetation Less than 0.5 acres of open water  Result:  Wetland's fish habitat function is intact  Stream is shaded No adjacent Water Quality Limited streams  Rationale:  Result:  Wetland's water-quality function is intact  Stream is in a natural channel Adjacent land use is primarily agriculture  Adjacent land use is primarily agriculture  Adjacent land use is primarily agriculture  Salmon and/or trout present in stream  Result:  Wetland's water-quality function is intact  Primary water source is surface flow Wetland's water-quality function is intact  Primary water source is surface flow 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  Wetland is not within 100 year floodplain Wetland floods/ponds in growing season Water has unrestricted flow out of wetland Development upslope of wetland  Water has unrestricted flow out of wetland Powelopment upslope of wetland  Result:  Wetland is potentially sensitive to future impacts Stream not modified Adjacent land use is primarily agriculture Adjacent water quality Limited streams Dominated by woody vegetation  Result:  Wetland site is not appropriate for educational use No adjacent Water Quality Limited streams Dominated by woody vegetation  Result:  Wetland site is not appropriate for educational use No access allowed to wetland No access point to wetland exists Wetland is not limited mobility accessible Other habitats can be observed not accessed  Result:  Wetland is not appropriate or does not provide rec. opportunities No access point to wetland exists No boat launching can be developed No trails or viewing areas exist No horishing is allowed  No trails or viewing areas exist No horishing is allowed  Wetland is not opportunities to be pleasing More than two Cowardin classes are visible Wetland surrounded by natural areas Unpleasant odors are present sometimes	Result:	Wetland provides d	iverse wildlife habitat	Marie Land Barrier				
Less than 0.5 acres of open water   Wetland buffer is greater than 40%	<b>多种数数数</b>	More than one Cowardin class	No adjacent Water Qua	lity limited streams				
Result:   Wetland's fish habitat function is intact	Rationale:	Dominated by woody vegetation	Adjacent land use is pr	imarily agriculture				
Rationale:  Stream is in a natural channel Adjacent land use is primarily agriculture Stream has instream structures  Result:  Primary water source is surface flow Wetland floods/ponds in growing season High wetland vegetation cover Result:  Wetland's hydrologic control is impacted or degraded Wetland is not within 100 year floodplain Wetland floods/ponds in growing season Rationale:  Wetland is not within 100 year floodplain Wetland is not within 100 year floodplain Wetland sum proving season Wetland is proving season Wetland by woody vegetation Wetland is potentially sensitive to future impacts Stream not modified Adjacent land use is primarily agriculture Wetland is potentially sensitive to future impacts Stream not modified Adjacent land use is primarily agriculture Water has unrestricted flow out of wetland Development upslope of wetland Water has unrestricted flow out of wetland Development upslope of wetland Water not taken out No adjacent Water Quality Limited streams Dominated by woody vegetation  Result:  Wetland is potentially sensitive to future impacts Stream not modified Adjacent land use is primarily agriculture Adjacent zoning is primarily development No adjacent Water Quality Limited streams Dominated by woody vegetation  Result:  Wetland site is not appropriate for educational use No access allowed to wetland No access point to wetland exists Wetland is not imited mobility accessible Other habitats can be observed not accessed  Result: Wetland is not appropriate or does not provide rec. opportunities 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 No trails or viewing areas exist Wetland surrounded by natural areas Wetland loods/ponds are present sometimes  Nor than two Cowardin classes are visible Wetland surrounded by natural areas		Less than 0.5 acres of open water	Wetland buffer is gr	eater than 40%				
Stream is in a natural channel   Adjacent land use is primarily agriculture	Result:	Wetland's fish hab	itat function is intact	TV 是 1000 1000 1000 1000 1000 1000 1000 1				
Result:   Wetland's water-quality function is intact		50% or more of stream is shaded	No adjacent Water Qual	ity Limited streams				
Result:	Rationale:	Stream is in a natural channel	Adjacent land use is pr	imarily agriculture				
Rationale:    Primary water source is surface flow   Surface water connection to other wetlands		<10% of stream has instream structures	Salmon and/or trout p	present in stream				
Result:  Result:  Wetland floods/ponds in growing season High wetland vegetation cover High wetland vegetation cover No adjacent Water Quality Limited streams  Result: Wetland is not within 100 year floodplain Wetland floods/ponds in growing season Wetland growing season Wetland is potentially sensitive to future impacts Stream not modified Adjacent land use is primarily agriculture  Rationale: Water not taken out 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 No access allowed to wetland No access point to wetland exists Wetland is not limited mobility accessible Other habitats can be observed not accessed  Result: Wetland is not appropriate or does not provide rec. opportunities No access point to wetland exists Wetland exists Wetland exists No boat launching can be developed No trails or viewing areas exist No hunting is allowed No trails or viewing areas exist No hunting is allowed Wetland is considered to be pleasing More than two Cowardin classes are visible Wetland surrounded by natural areas Rationale: 25 - 50% of wetland can be seen Unpleasant odors are present sometimes	Result:	Wetland's water-qu	ality function is intact	<b>建加州,西北州市</b>				
High wetland vegetation cover   No adjacent Water Quality Limited streams		Primary water source is surface flow	Surface water connection	n to other wetlands				
Result:   Wetland's hydrologic control is impacted or degraded	Rationale:	Wetland floods/ponds in growing season	Adjacent land use is pri	imarily agriculture				
Wetland is not within 100 year floodplain   Dominated by woody vegetation		High wetland vegetation cover						
Rationale:       Wetland floods/ponds in growing season       Agriculture downslope of wetland         Result:       Wetland is potentially sensitive to future impacts         Rationale:       Stream not modified       Adjacent land use is primarily agriculture         Rationale:       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:       No access allowed to wetland       No access point to wetland exists         Rationale:       Wetland is not appropriate for educational use         Result:       Wetland sifety hazards       Wetland is not limited mobility accessible         Other habitats can be observed not accessed       Wetland is not appropriate or does not provide rec. opportunities         Result:       Wetland is not appropriate or does not provides diverse wildlife habitat         No access point to wetland exists       Wetland provides diverse wildlife habitat         Robotal 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         More than two Cowardin classes are visible       Wetland surrounded by natural areas         Rationale: <th>Result:</th> <th>Wetland's hydrologic cont</th> <th>rol is impacted or degrade</th> <th>d</th>	Result:	Wetland's hydrologic cont	rol is impacted or degrade	d				
Water has unrestricted flow out of wetland   Development upslope of wetland		Wetland is not within 100 year floodplain	Dominated by woo	dy vegetation				
Result: Wetland is potentially sensitive to future impacts  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: No access allowed to wetland No access point to wetland exists Rationale: 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 No access point to wetland exists Wetland provides diverse wildlife habitat Rationale: 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 More than two Cowardin classes are visible Wetland surrounded by natural areas Rationale: 25 - 50% of wetland can be seen Unpleasant odors are present sometimes	Rationale:	Wetland floods/ponds in growing season	Agriculture downsl	ope of wetland				
Rationale:  Rationale:  Water not taken out No adjacent Water Quality Limited streams No adjacent Water Quality Limited streams Dominated by woody vegetation  Result:  Due to diverse wildlife habitat, this wetland cannot be enhanced  Rationale:  No access allowed to wetland No access point to wetland exists I or 2 visible safety hazards Other habitats can be observed not accessed  Result:  Wetland is not appropriate or does not provide rec. opportunities No access point to wetland exists Wetland provides diverse wildlife habitat No boat launching can be developed No trails or viewing areas exist No hunting is allowed  Result:  Wetland is considered to be pleasing More than two Cowardin classes are visible Wetland can be seen Unpleasant odors are present sometimes		Water has unrestricted flow out of wetland						
Result:  Water not taken out 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 No access allowed to wetland No access point to wetland exists  I or 2 visible safety hazards Other habitats can be observed not accessed  Result:  Wetland is not appropriate or does not provide rec. opportunities 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 More than two Cowardin classes are visible Wetland surrounded by natural areas  Rationale: 25 - 50% of wetland can be seen Unpleasant odors are present sometimes	Result:	Wetland is potentially s	ensitive to future impacts	[2] 在新兴州,宋广西				
Result:  Due to diverse wildlife habitat, this wetland cannot be enhanced  Rationale:  Result:  Wetland site is not appropriate for educational use  No access allowed to wetland No access point to wetland exists  1 or 2 visible safety hazards Other habitats can be observed not accessed  Result:  Wetland is not appropriate or does not provide rec. opportunities  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 si considered to be pleasing  More than two Cowardin classes are visible  Wetland surrounded by natural areas  25 - 50% of wetland can be seen  Unpleasant odors are present sometimes		Stream not modified	Adjacent land use is pri	marily agriculture				
Result:  Due to diverse wildlife habitat, this wetland cannot be enhanced  Rationale:  Wetland site is not appropriate for educational use  No access allowed to wetland No access point to wetland exists  1 or 2 visible safety hazards Other habitats can be observed not accessed  Result:  Wetland is not appropriate or does not provide rec. opportunities  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  More than two Cowardin classes are visible Wetland surrounded by natural areas  Rationale: 25 - 50% of wetland can be seen Unpleasant odors are present sometimes	Rationale:	Water not taken out	Adjacent zoning is prim	arily development				
Result:  No access allowed to wetland No access point to wetland exists  1 or 2 visible safety hazards Other habitats can be observed not accessed  Result:  Wetland is not appropriate or does not provide rec. opportunities No access point to wetland exists Wetland provides diverse wildlife habitat No boat launching can be developed No trails or viewing areas exist No hunting is allowed  Result:  Wetland is considered to be pleasing  More than two Cowardin classes are visible Wetland surrounded by natural areas  Rationale: 25 - 50% of wetland can be seen Unpleasant odors are present sometimes		No adjacent Water Quality Limited streams	Dominated by woo	dy vegetation				
Result:  No access allowed to wetland No access point to wetland exists  1 or 2 visible safety hazards Other habitats can be observed not accessed  Result:  Wetland is not appropriate or does not provide rec. opportunities  No access point to wetland exists Wetland provides diverse wildlife habitat  No boat launching can be developed No trails or viewing areas exist No hunting is allowed  Result:  Wetland is considered to be pleasing  More than two Cowardin classes are visible  Wetland surrounded by natural areas  Rationale:  25 - 50% of wetland can be seen Unpleasant odors are present sometimes	Result:	Due to diverse wildlife habitat,	this wetland cannot be enh	anced				
Result:  No access allowed to wetland No access point to wetland exists  1 or 2 visible safety hazards Other habitats can be observed not accessed  Result:  Wetland is not appropriate or does not provide rec. opportunities  No access point to wetland exists Wetland provides diverse wildlife habitat  No boat launching can be developed No trails or viewing areas exist No hunting is allowed  Result:  Wetland is considered to be pleasing  More than two Cowardin classes are visible  Wetland surrounded by natural areas  Rationale:  25 - 50% of wetland can be seen Unpleasant odors are present sometimes		Interger the leagues as feeting a selected on a	ante de la subminiment	rikishrali <del>ta</del>				
Rationale:  No access allowed to wetland  No access point to wetland exists  Wetland is not limited mobility accessible  Other habitats can be observed not accessed  Result:  Wetland is not appropriate or does not provide rec. opportunities  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  More than two Cowardin classes are visible  Wetland surrounded by natural areas  Rationale:  25 - 50% of wetland can be seen  Unpleasant odors are present sometimes	Rationale:	원도 기계 등이 가장 기계	rat propall is	1 5484-1.				
Rationale:  No access allowed to wetland  No access point to wetland exists  Wetland is not limited mobility accessible  Other habitats can be observed not accessed  Result:  Wetland is not appropriate or does not provide rec. opportunities  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  More than two Cowardin classes are visible  Wetland surrounded by natural areas  Rationale:  25 - 50% of wetland can be seen  Unpleasant odors are present sometimes				<u> </u>				
Rationale:1 or 2 visible safety hazardsWetland is not limited mobility accessibleOther habitats can be observed not accessedResult:Wetland is not appropriate or does not provide rec. opportunitiesNo access point to wetland existsWetland provides diverse wildlife habitatRationale:No boat launching can be developedNo fishing is allowedNo trails or viewing areas existNo hunting is allowedResult:Wetland is considered to be pleasingMore than two Cowardin classes are visibleWetland surrounded by natural areasRationale:25 - 50% of wetland can be seenUnpleasant odors are present sometimes	Result:	Wetland site is not appro	priate for educational use	<b>等。例如于某种的</b>				
Result:   Wetland is not appropriate or does not provide rec. opportunities		No access allowed to wetland	No access point to	wetland exists				
Result:Wetland is not appropriate or does not provide rec. opportunitiesNo access point to wetland existsWetland provides diverse wildlife habitatNo boat launching can be developedNo fishing is allowedNo trails or viewing areas existNo hunting is allowedResult:Wetland is considered to be pleasingMore than two Cowardin classes are visibleWetland surrounded by natural areasRationale:25 - 50% of wetland can be seenUnpleasant odors are present sometimes	Rationale:	1 or 2 visible safety hazards	Wetland is not limited r	nobility accessible				
Rationale:  No access point to wetland exists  No boat launching can be developed  No trails or viewing areas exist  No hunting is allowed  No trails or viewing areas exist  No hunting is allowed  Wetland is considered to be pleasing  More than two Cowardin classes are visible  Rationale:  25 - 50% of wetland can be seen  Unpleasant odors are present sometimes		Other habitats can be observed not accessed						
Rationale:       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         More than two Cowardin classes are visible       Wetland surrounded by natural areas         Rationale:       25 - 50% of wetland can be seen       Unpleasant odors are present sometimes	Result:	Wetland is not appropriate or does not provide rec. opportunities						
Result:     Wetland is considered to be pleasing       More than two Cowardin classes are visible     Wetland surrounded by natural areas       Rationale:     25 - 50% of wetland can be seen     Unpleasant odors are present sometimes		No access point to wetland exists						
Result:Wetland is considered to be pleasingMore than two Cowardin classes are visibleWetland surrounded by natural areasRationale:25 - 50% of wetland can be seenUnpleasant odors are present sometimes	Rationale:	No boat launching can be developed						
Rationale: More than two Cowardin classes are visible Wetland surrounded by natural areas  Unpleasant odors are present sometimes		No trails or viewing areas exist	No hunting is	allowed				
Rationale: 25 - 50% of wetland can be seen Unpleasant odors are present sometimes	Result:	Wetland is consid	ered to be pleasing					
		More than two Cowardin classes are visible	Wetland surrounded	by natural areas				
	Rationale:	25 - 50% of wetland can be seen	Unpleasant odors are p	resent sometimes				
		No visual detractors are present						

(Revised Edition, April 1996)

## **Wetland Assessment Summary Sheet**



Pacific Habitat Services, Inc.

Project Name:	Molalla L'	WI Wetland	d: BC-1C			
Project Location:	Clackamas County	Wetland Type(s):	and Type(s): PFO, PEM			
Date(s) of field work:	6/6/01	Approx. Area (acres):	0.38			
Onsite Assessment?:	Partial	Investigator(s):	PF, SE			
Wetland Location:	North of Hwy 211, west of Hwy. 213					

### **Function and Condition Assessment 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	7 7.4	Q-1	C	Q-1	В	Q-1	A	
Q-2	A	Q-2	7100	Q-2	В	Q-2	. B	Q-2	В	
Q-3	В	Q-3	100	Q-3	A	Q-3	В	Q-3	C	
Q-4	C	Q-4		Q-4	В	Q-4	C	Q-4	В	
Q-5	В	Q-5	137	Q-5	В	Q-5	A	Q-5	A	
Q-6	A	Q-6		Q-6	C	Q-6	В	Q-6	A	
Q-7	A					Q-7	A			
Q-8	В						- E X			
Q-9A	- 1									
OOD	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 degra		
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		Educa	Education		Recreation		Aesthetic Quality	
Q	A	Q	A	Q	A	Q	A	
Q-1		Q-1	C	Q-1	C	Q-1	В	
Q-2		Q-2	A	Q-2	C	Q-2	A	
Q-3	11141	Q-3	A	Q-3	C	Q-3	A	
Q-4	11	Q-4	В	Q-4	A	Q-4	A	
Q-5B		Q-5	C	Q-5	В	Q-5	B	
Q-6	-	Q-6	В	Q-6	В	Q-6	В	

<b>Enhancement Potential</b>	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		



Project:	Molalla LWI	Wetland:	BC-1C		
Location:	Clackamas County	Approx. Area (acres):	0.38		
Date:	6/6/01	Wetland Types(s):	PFO, PEM		
Result:	Wetland provides d	liverse wildlife habitat	<b>的是可以可以为其实</b>		
	More than one Cowardin class	No adjacent Water Quality limited streams			
Rationale:	Dominated by woody vegetation	Adjacent land use is prin	marily agriculture		
	Less than 0.5 acres of open water	Wetland buffer is gre	eater than 40%		
Result:	Fish habitat was not a	assessed for this wetland			
Rationale:	Total And the Control of the Control	Approximation of the	San		
<b>为企业</b> 的					
Result:	Wetland's water-quality fun				
	Primary water source is groundwater	Surface water connection	to other wetlands		
Rationale:	Can't determine if wetland floods or ponds	Adjacent land use is prin			
Section 1	High wetland vegetation cover	No adjacent Water Quali	ty Limited streams		
Result:	Wetland's hydrologic con	trol is impacted or degraded			
	Wetland is not within 100 year floodplain	Dominated by wood			
Rationale:	Can't determine if wetland floods or ponds	Agriculture downslo	pe of wetland		
	Water has unrestricted flow out of wetland	Development upslope of wetland			
Result:	Wetland is potentially s	ensitive to future impacts	等的對於 <b>發展</b> 性最終的影響。		
	Stream modified or isolated wetland	Adjacent land use is prin	marily agriculture		
Rationale:	Water not taken out	Adjacent zoning is primarily developme			
	No adjacent Water Quality Limited streams	Dominated by wood	ly vegetation		
Result:	Due to diverse wildlife habitat,	this wetland cannot be enhanced	anced		
	pakerynt in Domegon zi Protinos bige Protryd d	The state of the s			
Rationale:	The detail of the property of the second	F 108000 01 At	100 200, 11		
Result:	Wetland site is not appro	opriate for educational use			
PROPERTY OF THE	No access allowed to wetland	No access point to w	etland exists		
Rationale:	No visible hazards to public	Wetland is not limited m			
	Other habitats can be observed not accessed				
Result:	Wetland is not appropriate or d	oes not provide rec. opportu	inities		
<b>表示是对对</b>	No access point to wetland exists	Wetland provides divers			
Rationale:	No boat launching can be developed	No fishing is a	llowed		
	No trails or viewing areas exist	No hunting is a			
Result:	Wetland is consid	lered to be pleasing			
	Two Cowardin classes visible	Wetland surrounded b	y natural areas		
Rationale:	>50% of wetland can be seen	Unpleasant odors are pr	resent sometimes		
	No visual detractors are present	Continuous traffic and na			

(Revised Edition, April 1996)

## Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	Molalla LWI		nd: BC-2A		
Project Location:	Clackamas County	Clackamas County Wetland Type(s):			
Date(s) of field work:	4/18/01	Approx. Area (acres)	1.05		
Onsite Assessment?:	Yes Investigator(s):		SE/FS		
Wetland Location:	Along the banks of Bear Creek, east of Highway 213				

### **Function and Condition Assessment Answers:**

Wildlife Habitat		Fish Habitat		Water Quality		Hydrologic Control		Sensitivity to Impact	
Q	A	Q	A	Q	A	Q	A	Q	A
Q-1	В	Q-1	В	Q-1	A	Q-1	В	Q-1	A
Q-2	A	Q-2	A	Q-2	В	Q-2	В	Q-2	В
Q-3	C	Q-3	C	Q-3	В	Q-3	В	Q-3	C
Q-4	В	Q-4	A	Q-4	В	Q-4	C	Q-4	(
Q-5	A	Q-5	A	Q-5	C	Q-5	A	Q-5	A
Q-6	A	Q-6	A	Q-6	C	Q-6	В	Q-6	A
Q-7	A					Q-7	C		
Q-8	A					7			
Q-9A	6x251 0								
20 marie									

### Results:

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

### **Function and Condition Assessment Answers:**

Enhancement Potential		Educa	tion	Recrea	tion	Aesthetic Quality	
Q	A	Q	A	Q	A	Q	A
Q-1		Q-1	C	Q-1	C	Q-1	В
Q-2		Q-2	В	Q-2	C	Q-2	В
Q-3		Q-3	A	Q-3	C	Q-3	A
Q-4	201	Q-4	C	Q-4	A	Q-4	В
Q-5B		Q-5	C	Q-5	В	Q-5	A
Q-6		Q-6	В	Q-6	В	Q-6	A

<b>Enhancement Potential</b>	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	



Project:	Molalla LWI	Wetland:	BC-2A				
Location:	Clackamas County	Approx. Area (acres):	1.05				
Date:	4/18/01	Wetland Types(s):	PFO				
Result:	Wetland provides d	iverse wildlife habitat					
	One Cowardin class with > 5 species	No adjacent Water Quality limited streams					
Rationale:	Dominated by woody vegetation	Adjacent land is prim	arily open space				
	Between 0.5 - 1 acre of open water	Wetland buffer is gr	eater than 40%				
Result:	Wetland's fish hab	itat function is intact					
	25-50% of stream is shaded	No adjacent Water Qual	ity Limited streams				
Rationale:	Stream is in a natural channel	Adjacent land is prim	arily open space				
他的中国	<10% of stream has instream structures	Salmon and/or trout p					
Result:	Wetland's water-quality fun	ction is impacted or degra	ded				
A December 1	Primary water source is surface flow	Surface water connectio	n to other wetlands				
Rationale:	Can't determine if wetland floods or ponds	Adjacent land is prim	arily open space				
(基) [1]	Moderate vegetation cover	No adjacent Water Qual	ity Limited streams				
Result:	Wetland's hydrologic cont	rol is impacted or degrade	d				
	Wetland is not within 100 year floodplain	Dominated by woo	dy vegetation				
Rationale:	Can't determine if wetland floods or ponds	Agriculture downslope of wetland					
	Water has unrestricted flow out of wetland						
Result:	Wetland is potentially s	ensitive to future impacts					
	Stream modified or isolated wetland	Adjacent land is prim	arily open space				
Rationale:	Water not taken out	Adjacent zoning is primarily developme					
	No adjacent Water Quality Limited streams	Dominated by woo	dy vegetation				
Result:	Due to diverse wildlife habitat,	this wetland cannot be enh	anced				
	Dente it for an instruction in planter I distillante it.		Problem 15				
Rationale:	way for he approved Alast May	THE PROPERTY OF STREET	H Pares P will				
Result:	Wetland site is not appro	priate for educational use					
	No access allowed to wetland	No access point to	wetland exists				
Rationale:	1 or 2 visible safety hazards	Wetland is not limited n	nobility accessible				
	No access or observation of other habitats						
Result:	Wetland is not appropriate or does not provide rec. opportunities						
	No access point to wetland exists	Wetland provides diver	se wildlife habitat				
Rationale:	No boat launching can be developed	No fishing is	allowed				
	No trails or viewing areas exist	No hunting is	allowed				
Result:	Wetland is considered t	o be moderately pleasing					
	Two Cowardin classes visible	Wetland surrounded by	landscaped areas				
Rationale:	25 - 50% of wetland can be seen	Natural odors present at wetland					
		Some traffic and natural					

(Revised Edition, April 1996)

## Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	Molalla L'	WI Wetla	nd: BC-2B		
Project Location:	Clackamas County	County Wetland Type(s):			
Date(s) of field work:	4/18/01	Approx. Area (acres	0.83		
Onsite Assessment?:	Yes Investigator(s):		SE/FS		
Wetland Location:	Along the banks of Bear Creek, west of Molalla Forest 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	В	Q-1	A	Q-1	В	Q-1	A
Q-2	A	Q-2	A	Q-2	В	Q-2	В	Q-2	B
Q-3	C	Q-3	C	Q-3	В	Q-3	В	Q-3	(
Q-4	В	Q-4	A	Q-4	В	Q-4	C	Q-4	(
Q-5	A	Q-5	A	Q-5	C	Q-5	A	Q-5	A
Q-6	A	Q-6	A	Q-6	C	Q-6	C	Q-6	A
Q-7	A					Q-7	C		
Q-8	A					1071	711		
Q-9A									
0-9R	A								

#### Results:

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

Function and Condition Assessment Answers:

Enhancement Potential		Educa	tion	Recrea	tion	Aesth Qual	
Q	A	Q	A	Q	A	Q	A
Q-1		Q-1	C	Q-1	C	Q-1	В
Q-2		Q-2	A	Q-2	C	Q-2	C
Q-3		Q-3	A	Q-3	C	Q-3	A
Q-4	10	Q-4	C	Q-4	A	Q-4	B
Q-5B		Q-5	C	Q-5	В	Q-5	A
Q-6		Q-6	В	Q-6	В	Q-6	A

<b>Enhancement Potential</b>	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



Project:	Molalla LWI	Wetland:	BC-2B				
Location:	Clackamas County	Approx. Area (acres):	0.83				
Date:	4/18/01	Wetland Types(s):	PFO				
Result:	Wetland provides d	iverse wildlife habitat					
	More than one Cowardin class	No adjacent Water Quality limited streams					
Rationale:	Dominated by woody vegetation	Adjacent land is primarily open space					
	Between 0.5 - 1 acre of open water	Wetland buffer is greater than 40%					
Result:	Wetland's fish hab	itat function is intact	<b>国情和感激的</b>				
negration and	25-50% of stream is shaded	No adjacent Water Qual	ity Limited streams				
Rationale:	Stream is in a natural channel	Adjacent land is primarily open space					
Trozanski svetika	<10% of stream has instream structures	Salmon and/or trout p	resent in stream				
Result:	Wetland's water-quality fun	ction is impacted or degrae	ded				
	Primary water source is surface flow	Surface water connection					
Rationale:	Can't determine if wetland floods or ponds	Adjacent land is primarily open space					
	Moderate vegetation cover	No adjacent Water Quali					
Result:	Wetland's hydrologic cont	rol is impacted or degrade	d en anema de la compa				
<b>企业工作的</b>	Wetland is not within 100 year floodplain	Dominated by woo					
Rationale:	Can't determine if wetland floods or ponds	Open space downslope	e of development				
	Water has unrestricted flow out of wetland	Open space upslope of wetland					
Result:	Wetland is potentially s	ensitive to future impacts					
	Stream modified or isolated wetland	Adjacent land is prima	arily open space				
Rationale:	Water not taken out	Adjacent zoning is prim					
	No adjacent Water Quality Limited streams	Dominated by woo					
Result:	Due to diverse wildlife habitat,						
	There may the transport activities and everyone a	only a selemented	Cintary SA				
Rationale:	State to the Hills Mark that the	altre Degate y	PERMISSES.				
Result:	Wetland site is not appro	priate for educational use					
经总是国际的企业	No access allowed to wetland	No access point to v	wetland exists				
Rationale:	No visible hazards to public	Wetland is not limited n					
	No access or observation of other habitats		•				
Result:	Wetland is not appropriate or does not provide rec. opportunities						
	No access point to wetland exists	Wetland provides divers					
Rationale:	No boat launching can be developed						
	No trails or viewing areas exist	No hunting is allowed					
Result:		o be moderately pleasing	<b>阿尔西斯特里</b> 第二等				
	Two Cowardin classes visible	Wetland surrounded by	landscaped areas				
Rationale:	Less than 25% of wetland can be seen	Natural odors prese					
	No visual detractors are present	Some traffic and natural					

(Revised Edition, April 1996)

## **Wetland Assessment Summary Sheet**



Pacific Habitat Services, Inc.

Project Name:	Molalla L	WI Wetl	and: BC-3A		
Project Location:	Clackamas County	Clackamas County Wetland Type(s):			
Date(s) of field work:	OFF-SITE	Approx. Area (acre	es): 0.33		
Onsite Assessment?:	No Investigator(s):		FS/SE		
Wetland Location:	Southeast of the corner of Highway 213 and Toliver Road.				

#### **Function and Condition Assessment Answers:**

Wildlife Habitat		Fish Habitat		Water Quality		Hydrologic Control		Sensitivity to Impact	
Q	A	Q	A	Q	A	Q	A	Q	A
Q-1	C	Q-1		Q-1	A	Q-1	В	Q-1	A
Q-2	C	Q-2		Q-2	В	Q-2	В	Q-2	B
Q-3	C	Q-3		Q-3	В	Q-3	C	Q-3	C
Q-4	C	Q-4	- 1	Q-4	В	Q-4	C	Q-4	A
Q-5	A	Q-5	- 1	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					11 (1)	- Uni		
O-9A									

### 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		Educa	tion	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	В	Q-3	C	Q-3	C
Q-4	C	Q-4	C	Q-4	В	Q-4	B
Q-5B	В	Q-5	C	Q-5	В	Q-5	A
Q-6	В	Q-6	В	Q-6	В	Q-6	В

<b>Enhancement Potential</b>	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	



Project:	Molalla LWI	Wetland:	BC-3A				
Location:	Clackamas County	Approx. Area (acres):	0.33				
Date:	OFF-SITE	Wetland Types(s):	PEM				
Result:		at for some wildlife species	3年的基础的表示				
	One Class with less than 5 species	No adjacent Water Quality limited streams					
Rationale:	Herbaceous vegetation, no ponding	Adjacent land is mos					
多基準性等	Less than 0.5 acres of open water	Wetland buffer is between	en 10% and 40%				
Result:	Fish habitat was not a	ssessed for this wetland	2000年100日 100日 100日				
	The state of the s	ter white tr					
Rationale:	E-richard for fell in	70613-5 12824 3-25.14	anthropis.				
Result:	Wetland's water-quality fun	ation is imposted or degrad	ad same				
ixesuit.	Primary water source is surface flow	Surface water connection					
Rationale:	Can't determine if wetland floods or ponds	Adjacent land is mos	ELECTRON DESCRIPTION NAMED AND SERVICE OF THE PROPERTY OF THE				
Kationale.	Moderate vegetation cover						
Result:	Moderate vegetation cover No adjacent Water Quality Limited stre  Wetland's hydrologic control is impacted or degraded						
Resuit:	Wetland is not within 100 year floodplain						
Rationale:		Herbaceous vegetatio					
Rationale:	Can't determine if wetland floods or ponds Water has unrestricted flow out of wetland	Development downslop  Development upslop					
Result:			e of wettalld				
Resuit.	Wetland is potentially sensitive to future impacts  Stream modified or isolated wetland  Adjacent land is mostly developed						
Rationale:	Water not taken out	Adjacent zoning is primarily development					
Rationale.	No adjacent Water Quality Limited streams	Herbaceous vegetation, no ponding					
Result:		nhancement potential	n, no ponume				
Acsurt.	Wetland functions are impacted or degraded	Wetland is less tha	n 0 5 acres				
Rationale:	Primary water source is surface flow	Wetland buffer is between	51.3. Aug : Action 100 and 100				
icationaic.	Flow into wetland is not restricted	Potentially sensitive to					
Result:		opriate for educational use					
	No access allowed to wetland	No access point to w	etland exists				
Rationale:	No visible hazards to public	Wetland is not limited me					
	No access or observation of other habitats		ooming accessions				
Result:	Wetland is not appropriate or d	oes not provide rec. opportu	nities				
Branch Free	No access point to wetland exists	Wetland provides habitat					
Rationale:	No boat launching can be developed	No fishing is a	TO CONTRACT OF THE PARTY OF THE				
	No trails or viewing areas exist	No hunting is a					
Result:		sthetically pleasing					
	One Cowardin class is visible	Wetland surrounded by 1	andscaped areas				
Rationale:	>50% of wetland can be seen	Natural odors presen					
	Visual detractors present, can't be removed	Continuous traffic and nat					

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## **Wetland Assessment Summary Sheet**



Pacific Habitat Services, Inc.

Project Name:	Molalla L	WI Wetl	land: BC-3B		
Project Location:	Clackamas County	Wetland Type(s):	PEM		
Date(s) of field work:	4/18/01	Approx. Area (acre	es): 1.01		
Onsite Assessment?:	Yes	Investigator(s):	FS/SE		
Wetland Location:	East of Highway 213, north of Bear Creek.				

#### **Function and Condition Assessment Answers:**

Wildlife Habitat		Fish Habitat		Water Quality		Hydrologic Control		Sensitivity to Impact	
Q	A	Q	A	Q	A	Q	A	Q	A
Q-1	В	Q-1		Q-1	В	Q-1	В	Q-1	A
Q-2	C	Q-2		Q-2	В	Q-2	В	Q-2	A
Q-3	C	Q-3	- 2.0	Q-3	C	Q-3	В	Q-3	C
Q-4	C	Q-4	Mary 1	Q-4	В	Q-4	C	Q-4	В
Q-5	В	Q-5	100	Q-5	В	Q-5	C	Q-5	A
Q-6	В	Q-6		Q-6	C	Q-6	В	Q-6	(
Q-7	A			71		Q-7	A		
Q-8	В								
O-9A	and the								

#### 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		Educa	tion	Recreation		Aesthetic Quality	
Q	A	Q	A	Q	- A	Q	A
Q-1	A	Q-1	C	Q-1	C	Q-1	C
Q-2	C	Q-2	A	Q-2	C	Q-2	B
Q-3	11. 11.	Q-3	В	Q-3	C	Q-3	A
Q-4	В	Q-4	C	Q-4	В	Q-4	B
Q-5B	C	Q-5	C	Q-5	В	Q-5	A
Q-6	В	Q-6	В	Q-6	В	Q-6	В

<b>Enhancement Potential</b>	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		



Project:	Molalla LWI	Wetland:	BC-3B		
Location:	Clackamas County	Approx. Area (acres):	1.01		
Date:	4/18/01	Wetland Types(s):	PEM		
Result:	Wetland provides habita	at for some wildlife species			
	One Cowardin class with > 5 species	No adjacent Water Quality limited streams			
Rationale:	Herbaceous vegetation, no ponding	Adjacent land use is prin	narily agriculture		
	Less than 0.5 acres of open water	Wetland buffer is le	ss than 10%		
Result:	Fish habitat was not a	ssessed for this wetland	The second second		
Rationale:					
Result:	Wetland's water-quality fun	ction is impacted or degrade	ed		
	Primary water source is precipitation	Surface water connection	to other wetlands		
Rationale:	Can't determine if wetland floods or ponds	Adjacent land use is primarily agriculture			
	Low vegetation cover No adjacent Water Quality Li				
Result:	Wetland's hydrologic cont	rol is impacted or degraded	Karlon Internal		
	Wetland is not within 100 year floodplain	Herbaceous vegetation	n, no ponding		
Rationale:	Can't determine if wetland floods or ponds	Agriculture downslop			
	Water has unrestricted flow out of wetland	Development upslop			
Result:	Wetland is potentially so	ensitive to future impacts			
	Stream modified or isolated wetland	Adjacent land use is prin	arily agriculture		
Rationale:	Water is taken out or isolated wetland	Adjacent zoning is prima			
	No adjacent Water Quality Limited streams	Herbaceous vegetation			
Result:	Wetland has moderate p	otential for enhancement	相关等相当 制造公		
The Bank III	Wetland functions are impacted or degraded	Wetland is between 0.	5 and 5 acres		
Rationale:	Primary water source is precipitation	Wetland buffer is les	ss than 10%		
	Water flow is permanently restricted	Potentially sensitive to	future impacts		
Result:	Wetland site is not appro	priate for educational use			
	No access allowed to wetland	No access point to w	etland exists		
Rationale:	No visible hazards to public	Wetland is not limited mo	bility accessible		
	No access or observation of other habitats				
Result:	Wetland is not appropriate or do	oes not provide rec. opportu	nities		
	No access point to wetland exists	Wetland provides habitat			
Rationale:	No boat launching can be developed	No fishing is al	lowed		
	No trails or viewing areas exist	No hunting is a	llowed		
Result:		be moderately pleasing	·		
	One Cowardin class is visible	Wetland surrounded by la	andscaped areas		
Rationale:	25 - 50% of wetland can be seen	Natural odors presen			
	No visual detractors are present	Continuous traffic and nat			

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## Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	Molalla L'	WI Wetl	and: BC-4			
Project Location:	Clackamas County Wetland Type(s):		PEM			
Date(s) of field work:	OFF-SITE	Approx. Area (acre	s): 1.82			
Onsite Assessment?:	No	Investigator(s):	PF/SE			
Wetland Location:	Southeast of the corner of Toliver Road and Industrial Way					

**Function and Condition Assessment Answers:** 

Wildlife Habitat		Fish Habitat		Carlot San	Water Hydrologi Quality Control			Sensiti to Imp	
Q	A	Q	A	Q	A	Q	A	Q	A
Q-1	В	Q-1		Q-1	В	Q-1	В	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	(
Q-4	C	Q-4		Q-4	C	Q-4	C	Q-4	A
Q-5	В	Q-5		Q-5	A	Q-5	C	Q-5	A
Q-6	A	Q-6		Q-6	C	Q-6	A	Q-6	(
Q-7	A					Q-7	A		
Q-8	C				Ī				
Q-9A									

### 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		lucation Recreation		Recreation		etic ity
Q	A	Q	A	Q	A	Q	A
Q-1	A	Q-1	C	Q-1	C	Q-1	C
Q-2	C	Q-2	A	Q-2	C	Q-2	A
Q-3		Q-3	В	Q-3	C	Q-3	В
Q-4	$\mathbf{C}$	Q-4	C	Q-4	В	Q-4	C
Q-5B	C	Q-5	C	Q-5	В	Q-5	A
Q-6	В	Q-6	В	Q-6	В	Q-6	B

<b>Enhancement Potential</b>	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



Project:	Molalla LWI	Wetland:	BC-4	
Location:	Clackamas County	Approx. Area (acres):	1.82	
Date:	OFF-SITE	Wetland Types(s):	PEM	
Result:	Wetland provides habita	at for some wildlife species		
	One Cowardin class with > 5 species	No adjacent Water Quality	y limited streams	
Rationale:	Herbaceous vegetation, no ponding	Adjacent land is most	ly developed	
	Less than 0.5 acres of open water	Wetland buffer is les	ss than 10%	
Result:	Fish habitat was not a	ssessed for this wetland	是其"是"的""	
Rationale:		W STEELS C	Av., yarda	
Result:	Wetland's water-quality fun	ction is impacted or degrade	d	
	Primary water source is precipitation	Isolated from other		
Rationale:	Wetland floods/ponds in growing season	Adjacent land is most	5 ION DESCRICT AND CONTRACTORS	
	Low vegetation cover	No adjacent Water Quality		
Result:		rol is impacted or degraded	Make the state of	
	Wetland is not within 100 year floodplain	Herbaceous vegetation	n, no ponding	
Rationale:	Wetland floods/ponds in growing season	Development downslo		
	Water has unrestricted flow out of wetland	Development upslope of wetland		
Result:	Wetland is potentially s	ensitive to future impacts	and the desired	
	Stream modified or isolated wetland	Adjacent land is most	ly developed	
Rationale:	Water not taken out	Adjacent zoning is primarily developm		
	No adjacent Water Quality Limited streams	Herbaceous vegetation	, no ponding	
Result:	Wetland has moderate p	ootential for enhancement	<b>为</b> 战争的定义进程	
	Wetland functions are impacted or degraded	Wetland is less than	0.5 acres	
Rationale:	Primary water source is precipitation	Wetland buffer is les	s than 10%	
	Water flow is permanently restricted	Potentially sensitive to	future impacts	
Result:	<ul> <li>Wetland site is not approx</li> </ul>	priate for educational use		
	No access allowed to wetland	No access point to we	etland exists	
Rationale:	No visible hazards to public	Wetland is not limited mo	bility accessible	
	No access or observation of other habitats	A		
Result:	Wetland is not appropriate or d	oes not provide rec. opportui	nities	
	No access point to wetland exists	Wetland provides habitat f	for some wildlife	
Rationale:	No boat launching can be developed	No fishing is all	lowed	
	No trails or viewing areas exist	No hunting is al	lowed	
Result:	Wetland is not ae	sthetically pleasing		
	One Cowardin class is visible	Wetland surrounded by	development	
Rationale:	>50% of wetland can be seen	Natural odors present	at wetland	
	Visual detractors present, can be removed	Continuous traffic and nati	ural noises occur	

(Revised Edition, April 1996)

## Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	Molalla L'	WI Wetland	BC-5A			
Project Location:	Clackamas County	Wetland Type(s):	PEM/PSS			
Date(s) of field work:	4/18/01	Approx. Area (acres):	1.00			
Onsite Assessment?:	Yes Investigator(s):		FS/SE			
Wetland Location:	West of Molalla Forest Road, South of Toliver Road					

### **Function and Condition Assessment Answers:**

Wildlife Habitat		Fish Habita	Fish Habitat		Water Quality		ogic rol	Sensitivity to Impact	
Q	A	Q	A	Q	A	Q	A	Q	A
Q-1	A	Q-1	14.00	Q-1	В	Q-1	В	Q-1	A
Q-2	C	Q-2		Q-2	A	Q-2	A	Q-2	A
Q-3	В	Q-3		Q-3	C	Q-3	В	Q-3	(
Q-4	C	Q-4	1	Q-4	В	Q-4	C	Q-4	E
Q-5	В	Q-5		Q-5	В	Q-5	C	Q-5	A
Q-6	В	Q-6		Q-6	C	Q-6	A	Q-6	C
Q-7	A					Q-7	Α		
Q-8	В								
Q-9A	PIL								
OOR	D								

### 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		Recrea	tion	Aesthetic Quality	
Q	A	Q	A	Q	A	Q	A
Q-1	A	Q-1	C	Q-1	C	Q-1	В
Q-2	C	Q-2	A	Q-2	C	Q-2	A
Q-3	A	Q-3	В	Q-3	C	Q-3	A
Q-4	В	Q-4	C	Q-4	В	Q-4	C
Q-5B	В	Q-5	C	Q-5	В	Q-5	A
Q-6	В	Q-6	В	Q-6	В	Q-6	B

<b>Enhancement Potential</b>	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		



Project:	Molalla LWI	Wetland:	BC-5A					
Location:	Clackamas County	Approx. Area (acres):	1.00					
Date:	4/18/01	Wetland Types(s):	PEM/PSS					
Result:	Wetland provides habita	nt for some wildlife species	数,自由 <b>在</b> 为中,为面包					
	More than one Cowardin class	No adjacent Water Quali	ty limited streams					
Rationale:	Herbaceous vegetation, no ponding	Adjacent land use is primarily agricultu						
	Less than 0.5 acres of open water	Wetland buffer is between	en 10% and 40%					
Result:	Fish habitat was not a	ssessed for this wetland						
	ast a montal formittee brook assure the first free se	Tomes year non-unit a a tra-						
Rationale:								
Result:	Wetland's water-quality fun	ction is impacted or degrad	ed or a long of the same					
<b>建筑</b>	Primary water source is precipitation	Surface water connection	to other wetlands					
Rationale:	Wetland floods/ponds in growing season	Adjacent land use is prin	narily agriculture					
	Low vegetation cover	No adjacent Water Quality Limited stream						
Result:	Wetland's hydrologic control is impacted or degraded							
<b>经</b> 基础 计	Wetland is not within 100 year floodplain	Herbaceous vegetatio	n, no ponding					
Rationale:	Wetland floods/ponds in growing season	Development downslo	ope of wetland					
	Water has unrestricted flow out of wetland	Development upslope of wetland						
Result:	Wetland is potentially s	ensitive to future impacts	A CASA TELEPONI					
	Stream modified or isolated wetland	Adjacent land use is prin	narily agriculture					
Rationale:	Water is taken out or isolated wetland	Adjacent zoning is primarily developmen						
	No adjacent Water Quality Limited streams	Herbaceous vegetation	n, no ponding					
Result:	Wetland has high en	hancement potential	制度的复数形式 经工程					
	Wetland functions are impacted or degraded	Wetland is between 0	.5 and 5 acres					
Rationale:	Primary water source is precipitation	Wetland buffer is between 10% and 40%						
within a little of	Water flow is permanently restricted	Potentially sensitive to	future impacts					
Result:	Wetland site is not appro	priate for educational use						
	No access allowed to wetland	No access point to w	etland exists					
Rationale:	No visible hazards to public	Wetland is not limited me	obility accessible					
	No access or observation of other habitats	Toly A not 1						
Result:	Wetland is not appropriate or de	oes not provide rec. opportu	nities					
	No access point to wetland exists	Wetland provides habitat	for some wildlife					
Rationale:	No boat launching can be developed	No fishing is allowed						
	No trails or viewing areas exist	No hunting is a	llowed					
Result:		o be moderately pleasing						
	Two Cowardin classes visible	Wetland surrounded by	y development					
Rationale:	>50% of wetland can be seen	Natural odors presen						
1. 图像 数据	No visual detractors are present	Continuous traffic and nat	tural noises occur					

(Revised Edition, April 1996)

## Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	Molalla LWI		tland: BC-5B		
Project Location:	Clackamas County	County Wetland Type(s):			
Date(s) of field work:	4/18/01	Approx. Area (acr	es): 3.68		
Onsite Assessment?:	Yes Investigator(s):		FS/SE		
Wetland Location:	West of Molalla Forest Road, South of Toliver Road				

## **Function and Condition Assessment Answers:**

Wildlife Habitat		Fish Habitat		Water Quality		Hydrologic Control		Sensitivity to Impact	
Q	A	Q	A	Q	A	Q	A	Q	A
Q-1	A	Q-1		Q-1	В	Q-1	В	Q-1	A
Q-2	C	Q-2		Q-2	A	Q-2	A	Q-2	A
Q-3	A	Q-3		Q-3	C	Q-3	В	Q-3	(
Q-4	C	Q-4		Q-4	В	Q-4	C	Q-4	E
Q-5	В	Q-5		Q-5	В	Q-5	C	Q-5	A
Q-6	В	Q-6		Q-6	C	Q-6	A	Q-6	(
Q-7	A		•			Q-7	A		
Q-8	В								
Q-9A	- Mr. Li								
0.00	-								

### 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		Educa	tion	Recrea	tion	Aesthetic Quality	
Q	A	Q	A	Q	A	Q	A
Q-1	A	Q-1	C	Q-1	С	Q-1	В
Q-2	C	Q-2	A	Q-2	C	Q-2	В
Q-3	W. Call	Q-3	В	Q-3	C	Q-3	A
Q-4	В	Q-4	C	Q-4	В	Q-4	B
Q-5B	В	Q-5	C	Q-5	В	Q-5	A
Q-6	В	Q-6	В	Q-6	В	Q-6	В

<b>Enhancement Potential</b>	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		



Project:	Molalla LWI	Wetland:	BC-5B					
Location:	Clackamas County	Approx. Area (acres):	3.68					
Date:	4/18/01	Wetland Types(s):	PEM					
Result:	Wetland provides habita	at for some wildlife species						
	More than one Cowardin class	No adjacent Water Quality limited streams						
Rationale:	Herbaceous vegetation, no ponding	Adjacent land use is primarily agricultu						
	Less than 0.5 acres of open water	Wetland buffer is between 10% and 4						
Result:	Fish habitat was not a	ssessed for this wetland	。故學的時後,例如經					
	324, 12,451, 14, 14, 14, 14, 14, 14, 14, 14, 14, 1		Character 2					
Rationale:	The state of the s		X TOTAL TO					
Result:	Wetland's water-quality fun	ction is impacted or degrade	ed					
ACSUIT.	Primary water source is precipitation	Surface water connection						
Rationale:	Wetland floods/ponds in growing season	Adjacent land use is prin	Country of the state of the sta					
Kationaic.	Low vegetation cover	No adjacent Water Quality						
Result:		rol is impacted or degraded						
result.	Wetland is not within 100 year floodplain	Herbaceous vegetation						
Rationale:	Wetland floods/ponds in growing season	Development downslo						
	Water has unrestricted flow out of wetland							
Result:		ensitive to future impacts						
	Stream modified or isolated wetland	Adjacent land use is prin	narily agriculture					
Rationale:	Water is taken out or isolated wetland	Adjacent zoning is prima						
	No adjacent Water Quality Limited streams	Herbaceous vegetation						
Result:		nhancement potential	is niversity and					
	Wetland functions are impacted or degraded	Wetland is between 0	.5 and 5 acres					
Rationale:	Primary water source is precipitation	Wetland buffer is between	en 10% and 40%					
half of traffic	Water flow is permanently restricted	Potentially sensitive to	future impacts					
Result:	Wetland site is not appro	priate for educational use	Manager All Str					
	No access allowed to wetland	No access point to w	etland exists					
Rationale:	No visible hazards to public	Wetland is not limited me	obility accessible					
	No access or observation of other habitats							
Result:	Wetland is not appropriate or does not provide rec. opportunities							
	No access point to wetland exists	Wetland provides habitat	for some wildlife					
Rationale:	No boat launching can be developed	No fishing is allowed						
	No trails or viewing areas exist	No hunting is a	llowed					
Result:	Wetland is considered t	o be moderately pleasing						
	Two Cowardin classes visible	Wetland surrounded by I	andscaped areas					
Rationale:	25 - 50% of wetland can be seen	Natural odors presen						
	No visual detractors are present	Continuous traffic and nat	ural noises occur					

(Revised Edition, April 1996)

## Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	Molalla L'	WI Wetla	nd: BC-6A		
Project Location:	Clackamas County	Wetland Type(s):	PFO		
Date(s) of field work:	6/6/01	Approx. Area (acres)	1.11		
Onsite Assessment?:	Yes Investigator(s):		PF/SE		
Wetland Location:	East of Molalla Forest Road, south of Toliver Road				

### **Function and Condition Assessment Answers:**

Wildlife Habitat		Fish Habitat		我想到我们就能够没有,我们就是一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个				The state of the s				Sensit to Im	March 1997 (1997)
Q	A	Q Q	A	Q	A	Q	A	Q	A				
Q-1	A	Q-1	-	Q-1	A	Q-1	В	Q-1	A				
Q-2	A	Q-2		Q-2	A	Q-2	A	Q-2	В				
Q-3	В	Q-3	-	Q-3	В	Q-3	В	Q-3	C				
Q-4	C	Q-4	. A.	Q-4	В	Q-4	C	Q-4	A				
Q-5	A	Q-5	الأسات	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	211												
OOD	4												

### Results:

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

## **Function and Condition Assessment Answers:**

Enhancement Potential		Educa	tion	Recrea	tion	Aesthetic Quality	
Q	A	Q	A	Q	A	Q	A
Q-1	A	Q-1	В	Q-1	В	Q-1	A
Q-2	A	Q-2	A	Q-2	C	Q-2	В
Q-3	A	Q-3	В	Q-3	C	Q-3	A
Q-4	В	Q-4	C	Q-4	В	Q-4	В
Q-5B	A	Q-5	В	Q-5	В	Q-5	A
Q-6	В	Q-6	В	Q-6	В	Q-6	A

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



Project:	Molalla LWI	Wetland:	BC-6A					
Location:	Clackamas County	Approx. Area (acres):	1.11					
Date:	6/6/01	Wetland Types(s):	PFO					
Result:	Wetland provides habita	at for some wildlife species						
	More than one Cowardin class	No adjacent Water Quality limited streams						
Rationale:	Dominated by woody vegetation	Adjacent land is mostly develope						
	Less than 0.5 acres of open water	Wetland buffer is grea	ater than 40%					
Result:	Fish habitat was not a	Fish habitat was not assessed for this wetland						
Rationale:			Dolland P					
Result:	Wetland's water-quality fun	ection is impacted or degrade	ed and the latest of the lates					
	Primary water source is surface flow	Surface water connection	to other wetlands					
Rationale:	Wetland floods/ponds in growing season	Adjacent land is most	ly developed					
	Moderate vegetation cover	No adjacent Water Quality	Limited streams					
Result:	Wetland's hydrologic	control function is intact	<b>"特别情况"</b>					
	Wetland is not within 100 year floodplain	Dominated by wood	y vegetation					
Rationale:	Wetland floods/ponds in growing season	Development downslo	pe of wetland					
	Water has unrestricted flow out of wetland	Development upslope of wetland						
Result:	Wetland is potentially s	ensitive to future impacts						
(4) (4) (4)	Stream modified or isolated wetland	Adjacent land is most	ly developed					
Rationale:	Water not taken out	Adjacent zoning is primarily developme						
<b>洲岛村</b>	No adjacent Water Quality Limited streams	Dominated by woody	y vegetation					
Result:	Wetland has high e	nhancement potential	Service Substitute					
5. 化美国基	Wetland functions are impacted or degraded	Wetland is between 0.	5 and 5 acres					
Rationale:	Primary water source is surface flow	Wetland buffer is grea	iter than 40%					
Michaelman	Flow into wetland is not restricted	Potentially sensitive to	future impacts					
Result:	Wetland has potenti	ial for educational use						
	Wetland access by landowner permission	Unmaintained public access	ss within 250 feet					
Rationale:	No visible hazards to public	Wetland is not limited mo	bility accessible					
<b>建筑建筑建筑</b>	No access or observation of other habitats							
Result:	Wetland has the potential to	provide recreational activiti	esiana					
	Unmaintained public access within 250 feet	Wetland provides habitat	for some wildlife					
Rationale:	No boat launching can be developed	No fishing is al	lowed					
	No trails or viewing areas exist	No hunting is a	llowed					
Result:	Wetland is consid	ered to be pleasing						
	More than two Cowardin classes are visible	Wetland surrounded by la	andscaped areas					
Rationale:	25 - 50% of wetland can be seen	Natural odors presen	t at wetland					
	No visual detractors are present	Some traffic and natural n	oises are present					

(Revised Edition, April 1996)

## Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	Molalla L'	WI Wetlan	d: BC-6B		
<b>Project Location:</b>	Clackamas County	Wetland Type(s):	PEM		
Date(s) of field work:	6/6/01	Approx. Area (acres):	0.40		
Onsite Assessment?:	Yes	Investigator(s):	PF/SE		
Wetland Location:	East of Molalla Forest Road, south of Toliver 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	В	Q-1		Q-1	В	Q-1	В	Q-1	A
Q-2	C	Q-2		Q-2	В	Q-2	В	Q-2	B
Q-3	C	Q-3	-	Q-3	В	Q-3	В	Q-3	C
Q-4	C	Q-4	7.	Q-4	C	Q-4	C	Q-4	A
Q-5	В	Q-5	6.9	Q-5	A	Q-5	C	Q-5	A
Q-6	В	Q-6		Q-6	C	Q-6	A	Q-6	(
Q-7	A					Q-7	A		
Q-8	C								
Q-9A									
0 00									

### 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		Educa	tion	Recreation		Aesthetic Quality	
Q	A	Q	A	Q	A	Q	A
Q-1	A	Q-1	В	Q-1	C	Q-1	В
Q-2	C	Q-2	A	Q-2	C	Q-2	A
Q-3	miles	Q-3	В	Q-3	C	Q-3	A
Q-4	В	Q-4	C	Q-4	В	Q-4	C
Q-5B	В	Q-5	C	Q-5	В	Q-5	A
Q-6	В	Q-6	В	Q-6	В	Q-6	A

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



Project:	Molalla LWI	Wetland:	BC-6B				
Location:	Clackamas County	Approx. Area (acres):	0.40				
Date:	6/6/01	Wetland Types(s):	PEM				
Result:	Wetland provides habita	at for some wildlife species	<b>是各种的一种的</b>				
	One Cowardin class with > 5 species	No adjacent Water Quality limited streams					
Rationale:	Herbaceous vegetation, no ponding	Adjacent land is mostly developed					
	Less than 0.5 acres of open water	Wetland buffer is between	een 10% and 40%				
Result:	Fish habitat was not a	ssessed for this wetland					
	NA 133 SALI INCHESTAS DESCRIPTION DE L'ANNON DE SAL	ALL TYPE PY					
Rationale:			TWIEL WILL				
Result:	Wetland's water-quality fun						
	Primary water source is precipitation	Isolated from oth	SERVICE AND ASSOCIATION OF THE PROPERTY OF THE				
Rationale:	Can't determine if wetland floods or ponds	Adjacent land is mo					
The State of Consider	Moderate vegetation cover	No adjacent Water Quality Limited stream					
Result:	Wetland's hydrologic control is impacted or degraded						
	Wetland is not within 100 year floodplain	Herbaceous vegetation					
Rationale:	Can't determine if wetland floods or ponds	Development downsl					
	Water has unrestricted flow out of wetland	Development upslope of wetland					
Result:		ensitive to future impacts					
	Stream modified or isolated wetland	Adjacent land is mos					
Rationale:	Water not taken out	Adjacent zoning is primarily developme					
	No adjacent Water Quality Limited streams	Herbaceous vegetation	on, no ponding				
Result:		nhancement potential					
	Wetland functions are impacted or degraded	Wetland is between (					
Rationale:	Primary water source is precipitation	Wetland buffer is between	Wii				
D. V.	Water flow is permanently restricted	Potentially sensitive to	o future impacts				
Result:		al for educational use					
	Wetland access by landowner permission	No access point to v					
Rationale:	No visible hazards to public	Wetland is not limited m	nobility accessible				
Down	No access or observation of other habitats						
Result:	Wetland is not appropriate or do	T					
Dog-	No access point to wetland exists	Wetland provides habitat	The state of the s				
Rationale:	No boat launching can be developed	No fishing is a					
Dowle	No trails or viewing areas exist	No hunting is	anowed				
Result:	Two Cowardin classes visible	o be moderately pleasing	vy dovolon-mont				
Dationala		Wetland surrounded b					
Rationale:	>50% of wetland can be seen	Natural odors prese					
计划多点 数差 。	No visual detractors are present	Some traffic and natural noises are present					

(Revised Edition, April 1996)

## Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	Molalla L'	WI Wetla	and: BC-7			
Project Location:	Clackamas County Wetland Type(s):		PEM			
Date(s) of field work:	4/20/01	Approx. Area (acres	s): 0.24			
Onsite Assessment?:	Yes	Investigator(s):	PF/CR			
Wetland Location:	South of Toliver Road, south of elementary school, east of City she					

### **Function and Condition Assessment Answers:**

Wildlife Habitat		Fish Habitat		Water Quality		Hydrologic Control		Sensitivity to Impact	
Q	A	Q	A	Q	A	Q	A	Q	A
Q-1	В	Q-1	200	Q-1	A	Q-1	В	Q-1	A
Q-2	В	Q-2	1	Q-2	A	Q-2	A	Q-2	В
Q-3	C	Q-3		Q-3	В	Q-3	В	Q-3	C
Q-4	C	Q-4		Q-4	В	Q-4	C	Q-4	A
Q-5	A	Q-5	100	Q-5	A	Q-5	В	Q-5	A
Q-6	A	Q-6		Q-6	C	Q-6	Α	Q-6	В
Q-7	A					Q-7	A		
Q-8	C								
Q-9A	11/11/19								
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 degra	
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		Educa	tion	Recreation		Aesthetic Quality	
HERE Q	A	Q	A	Q	A	Q	A
Q-1	A	Q-1	В	Q-1	A	Q-1	C
Q-2	A	Q-2	A	Q-2	C	Q-2	C
Q-3	C	Q-3	В	Q-3	В	Q-3	В
Q-4	В	Q-4	A	Q-4	В	Q-4	В
Q-5B	C	Q-5	A	Q-5	В	Q-5	A
Q-6	В	Q-6	A	Q-6	В	Q-6	A

<b>Enhancement Potential</b>	Wetland has moderate potential for enhancement
Education	Wetland has potential for educational use
Recreation	Wetland has the potential to provide recreational activities
Aesthetic Quality	Wetland is not aesthetically pleasing



Project:	Molalla LWI	Wetland:	BC-7		
Location:	Clackamas County	Approx. Area (acres):	0.24		
Date:	4/20/01	Wetland Types(s):	PEM		
Result:	Wetland provides habita	at for some wildlife species	<b>维热性和</b> 统治 1000		
	One Cowardin class with > 5 species	No adjacent Water Quality limited stream			
Rationale:	Herbaceous vegetation & ponding	Adjacent land is mostly developed			
	Less than 0.5 acres of open water	Wetland buffer is le	ess than 10%		
Result:	Fish habitat was not a	ssessed for this wetland			
Rationale:	Tellander Comment	messee Ammuni e ana	A TOTAL CONTRACTOR		
Result:	Wetland's water-quality fun	ction is impacted or degrad	ed		
	Primary water source is surface flow	Surface water connection	to other wetlands		
Rationale:	Wetland floods/ponds in growing season	Adjacent land is mos	tly developed		
	Moderate vegetation cover	No adjacent Water Qualit	y Limited streams		
Result:	Wetland's hydrologic cont	rol is impacted or degraded	Part of the state of		
	Wetland is not within 100 year floodplain	Herbaceous vegetation	on & ponding		
Rationale:	Wetland floods/ponds in growing season	Development downslo	ope of wetland		
(1) 10 mm (1) 10 mm	Water has unrestricted flow out of wetland	Development upslope of wetland			
Result:	Wetland is potentially s	ensitive to future impacts			
	Stream modified or isolated wetland Adjacent land is mostly d				
Rationale:	Water not taken out	Adjacent zoning is prima	rily development		
	No adjacent Water Quality Limited streams	Herbaceous vegetation	on & ponding		
Result:	Wetland has moderate p	ootential for enhancement			
	Wetland functions are impacted or degraded	Wetland is between 0	.5 and 5 acres		
Rationale:	Primary water source is surface flow	Wetland buffer is le	ss than 10%		
	Water flow is permanently restricted	Potentially sensitive to future impacts			
Result:	Wetland has potenti	al for educational use	<b>阿拉斯斯</b> 化四层加速		
	Wetland access by landowner permission	Maintained public access	s within 250 feet		
Rationale:	No visible hazards to public	Wetland is limited mob	ility accessible		
<b>有一种的一种</b>	Public access to other habitats exist				
Result:	Wetland has the potential to	provide recreational activiti	es		
1.102	Maintained public access within 250 feet	Wetland provides habitat	for some wildlife		
Rationale:	No boat launching can be developed	No fishing is allowed			
	Unmaintained trails, viewing areas exist	No hunting is allowed			
Result:	Wetland is not ae	sthetically pleasing	和据5.21是管理		
	One Cowardin class is visible	Wetland surrounded by 1	andscaped areas		
Rationale:	Less than 25% of wetland can be seen	Natural odors presen	t at wetland		
	Visual detractors present, can be removed	Some traffic and natural r	oises are present		

(Revised Edition, April 1996)

## Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	Molalla L'	WI Wetland	BC-8		
Project Location:	Clackamas County	Clackamas County Wetland Type(s):			
Date(s) of field work:	4/20/01	Approx. Area (acres):	0.18		
Onsite Assessment?:	Yes	Investigator(s):	PF/CR		
Wetland Location:	South of Toliver Road, south of elementary school, east of City sl				

### **Function and Condition Assessment 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	В	Q-1	A	
Q-2	В	Q-2	В	Q-2	A	Q-2	A	Q-2	A	
Q-3	В	Q-3	C	Q-3	В	Q-3	C	Q-3	C	
Q-4	C	Q-4	A	Q-4	C	Q-4	В	Q-4	A	
Q-5	В	Q-5	C	Q-5	A	Q-5	В	Q-5	A	
Q-6	В	Q-6	В	Q-6	C	Q-6	A	Q-6	В	
Q-7	A					Q-7	A			
Q-8	C				_					
Q-9A	- 10									

### 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:**

Enhancen Potentia		Educa	tion	Recreation		Aesthetic Quality	
$\mathbf{Q}$	A	Q	A	Q	A	$\mathbf{Q}$	A
Q-1	A	Q-1	В	Q-1	A	Q-1	В
Q-2	В	Q-2	В	Q-2	C	Q-2	A
Q-3		Q-3	В	Q-3	A	Q-3	A
Q-4	C	Q-4	A	Q-4	В	Q-4	В
Q-5B	В	Q-5	A	Q-5	В	Q-5	A
Q-6	В	Q-6	В	Q-6	В	Q-6	A

<b>Enhancement Potential</b>	Wetland has high enhancement potential
Education	Wetland has potential for educational use
Recreation	Wetland provides recreational opportunities
Aesthetic Quality	Wetland is considered to be pleasing



Project:	Molalla LWI	Wetland:	BC-8				
Location:	Clackamas County	Approx. Area (acres):	0.18				
Date:	4/20/01	Wetland Types(s):	PEM, POWx				
Result:	Wetland provides habita	at for some wildlife species					
<b>三角指线</b>	More than one Cowardin class	No adjacent Water Qual	ity limited streams				
Rationale:	Herbaceous vegetation & ponding	Adjacent land is mo	stly developed				
	Less than 0.5 acres of open water	Wetland buffer is between	een 10% and 40%				
Result:	Wetland's fish habitat func	tion is impacted or degrade	ed				
12 12 13 13 13	Less than 25% of stream is shaded	No adjacent Water Quali	ty Limited streams				
Rationale:	Only portions of stream are modified	Adjacent land is mo	stly developed				
SUBTRIBUTE OF	<10% of stream has instream structures	Warmwater fish pre	sent in stream				
Result:	Wetland's water-quality fun	ction is impacted or degrac	led				
	Primary water source is groundwater	Isolated from oth	er wetlands				
Rationale:	Wetland floods/ponds in growing season	Adjacent land is mo	stly developed				
	Moderate vegetation cover	No adjacent Water Quality Limited stre					
Result:	Wetland's hydrologic control is impacted or degraded						
	Wetland is not within 100 year floodplain	Herbaceous vegetation & ponding					
Rationale:	Wetland floods/ponds in growing season	Development downslope of wetland					
	Minor restrictions slow down the water	Development upslope of wetland					
Result:	Wetland is potentially s	ensitive to future impacts					
· "学师"的"学"。	Stream modified or isolated wetland	Adjacent land is mos	stly developed				
Rationale:	Water is taken out or isolated wetland	Adjacent zoning is prim	arily development				
	No adjacent Water Quality Limited streams	Herbaceous vegetati					
Result:	Wetland has high en	nhancement potential					
	Wetland functions are impacted or degraded	Wetland is less that	an 0.5 acres				
Rationale:	Primary water source is groundwater	Wetland buffer is between	en 10% and 40%				
	Water flow is permanently restricted	Potentially sensitive to	future impacts				
Result:	Wetland has potenti	al for educational use	<b>刘明</b> 教司30年的第二				
	Wetland access by landowner permission	Maintained public acces	ss within 250 feet				
Rationale:	1 or 2 visible safety hazards	Wetland is not limited m	nobility accessible				
	Public access to other habitats exist						
Result:	Wetland provides rec	reational opportunities	a bally state of				
	Maintained public access within 250 feet	Wetland provides habitat	for some wildlife				
Rationale:	No boat launching can be developed No fishing is allowed						
	Maintained trails, viewing areas exist	No hunting is	allowed				
Result:		ered to be pleasing					
	Two Cowardin classes visible	Wetland surrounded by	landscaped areas				
Rationale:	>50% of wetland can be seen	Natural odors prese	nt at wetland				
	No visual detractors are present	Some traffic and natural	noises are present				

(Revised Edition, April 1996)

## Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	Molalla L	WI Wetland:	BC-9			
Project Location:	Clackamas County	Clackamas County Wetland Type(s):				
Date(s) of field work:	5/24/01	Approx. Area (acres):	0.15			
Onsite Assessment?:	Yes	Investigator(s):	SE/FS			
Wetland Location:	West of Middle School, south of track.					

### Function and Condition Assessment Answers:

Wildli Habit	NEW YORK TO A STATE OF	Fish Habitat		Wat Qual	THE RESERVE OF	Hydrol Conti		Sensiti to Imp	
Q	A	Q	A	Q	A	Q	A	Q	A
Q-1	C	Q-1		Q-1	В	Q-1	В	Q-1	A
Q-2	C	Q-2		Q-2	В	Q-2	В	Q-2	A
Q-3	C	Q-3	D1 -	Q-3	C	Q-3	C	Q-3	C
Q-4	C	Q-4		Q-4	C	Q-4	A	Q-4	A
Q-5	В	Q-5	3	Q-5	A	Q-5	C	Q-5	A
Q-6	В	Q-6		Q-6	C	Q-6	A	Q-6	C
Q-7	A					Q-7	A		
Q-8	C								
Q-9A	1								

## 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		Educa	tion	Recrea	tion	Aesth Qual	
Q	A	Q	A	Q	A	Q	A
Q-1	A	Q-1	C	Q-1	C	Q-1	C
Q-2	C	Q-2	A	Q-2	C	Q-2	A
Q-3		Q-3	В	Q-3	C	Q-3	A
Q-4	C	Q-4	C	Q-4	В	Q-4	В
Q-5B	C	Q-5	C	Q-5	В	Q-5	A
Q-6	B	Q-6	В	Q-6	В	Q-6	A

<b>Enhancement Potential</b>	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



Project:	Molalla LWI	Wetland:	BC-9				
Location:	Clackamas County	Approx. Area (acres):	0.15				
Date:	5/24/01	Wetland Types(s):	PEM				
Result:	Wetland provides habita	at for some wildlife species					
	One Class with less than 5 species	No adjacent Water Quality limited stream					
Rationale:	Herbaceous vegetation, no ponding	Adjacent land is most	y developed				
(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	Less than 0.5 acres of open water	Wetland buffer is les	s than 10%				
Result:	Fish habitat was not a	ssessed for this wetland					
Rationale:		The section of the section	THE THE T				
Result:	Wetland's water-quality fun	d					
	Primary water source is precipitation	Isolated from other					
Rationale:	Can't determine if wetland floods or ponds	Adjacent land is mostl	y developed				
	Low vegetation cover	No adjacent Water Quality Limited str					
Result:	Wetland's hydrologic control is impacted or degraded						
	Wetland is not within 100 year floodplain	Herbaceous vegetation	, no ponding				
Rationale:	Can't determine if wetland floods or ponds	Development downslop					
	Flow out of wetland is restricted	Development upslope					
Result:	Wetland is potentially s	ensitive to future impacts					
	Stream modified or isolated wetland	Adjacent land is mostl	y developed				
Rationale:	Water is taken out or isolated wetland	Adjacent zoning is primar	ly development				
	No adjacent Water Quality Limited streams	Herbaceous vegetation					
Result:	Wetland has moderate p	ootential for enhancement	House the second				
	Wetland functions are impacted or degraded	Wetland is less than	0.5 acres				
Rationale:	Primary water source is precipitation	Wetland buffer is less	s than 10%				
	Water flow is permanently restricted	Potentially sensitive to f	uture impacts				
Result:	Wetland site is not appro	priate for educational use					
	No access allowed to wetland	No access point to we	tland exists				
Rationale:	No visible hazards to public	Wetland is not limited mol					
	No access or observation of other habitats	_ V _ X = TATE					
Result:	Wetland is not appropriate or d	oes not provide rec. opportun	ities				
1000	No access point to wetland exists	Wetland provides habitat for	or some wildlife				
Rationale:	No boat launching can be developed	No fishing is allowed					
	No trails or viewing areas exist	No hunting is allowed					
Result:	Wetland is consid	ered to be pleasing					
	One Cowardin class is visible	Wetland surrounded by la	ndscaped areas				
Rationale:	>50% of wetland can be seen	Natural odors present at wetland					
	No visual detractors are present	Some traffic and natural no	oises are present				

(Revised Edition, April 1996)

## **Wetland Assessment Summary Sheet**



Pacific Habitat Services, Inc.

Project Name:	Molalla LV	WI Wetland:	BC-10		
Project Location:	Clackamas County	Wetland Type(s):	PEM		
Date(s) of field work:	4/20/01	Approx. Area (acres):	0.08		
Onsite Assessment?:	Yes	Investigator(s):	PF/CR		
Wetland Location:	South of Toliver Road, north of middle school, west of Leroy Av				

## **Function and Condition Assessment 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	В	Q-1	В	Q-1	A
Q-2	C	Q-2		Q-2	A	Q-2	A	Q-2	A
Q-3	C	Q-3		Q-3	C	Q-3	C	Q-3	C
Q-4	C	Q-4		Q-4	C	Q-4	C	Q-4	A
Q-5	B	Q-5		Q-5	A	Q-5	C	Q-5	A
Q-6	В	Q-6		Q-6	C	Q-6	A	Q-6	C
Q-7	A					Q-7	A		
Q-8	C						W 4.4		
0.04									

## 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:**

Enhancen Potentia		Educa	tion			Aesth Qual	
Q	A	Q	A	Q	$\mathbf{A}$	Q	A
Q-1	A	Q-1	В	Q-1	A	Q-1	C
Q-2	$-\mathbf{C}$	Q-2	A	Q-2	C	Q-2	A
Q-3	ug 70	Q-3	В	Q-3	A	Q-3	C
Q-4	C	Q-4	A	Q-4	В	Q-4	В
Q-5B	C	Q-5	A	Q-5	В	Q-5	A
Q-6	В	Q-6	A	Q-6	В	Q-6	A

<b>Enhancement Potential</b>	Wetland has moderate potential for enhancement
Education	Wetland has potential for educational use
Recreation	Wetland provides recreational opportunities
Aesthetic Quality	Wetland is not aesthetically pleasing



Project:	Molalla LWI	Wetland:	BC-10		
Location:	Clackamas County	Approx. Area (acres):	0.08		
Date:	4/20/01	Wetland Types(s):	PEM		
Result:	Wetland provides habita	at for some wildlife species	<b>第1条编队</b>		
	One Class with less than 5 species	No adjacent Water Quality limited stream			
Rationale:	Herbaceous vegetation, no ponding	Adjacent land is most	ly developed		
	Less than 0.5 acres of open water	Wetland buffer is les	ss than 10%		
Result:	Fish habitat was not a	assessed for this wetland			
Rationale:		Commence of the Control			
Kationale.	and the same		Cate St.		
Result:	Wetland's water-quality fun	iction is impacted or degrade	d		
	Primary water source is precipitation	Isolated from other			
Rationale:	Wetland floods/ponds in growing season	Adjacent land is most	ly developed		
	Low vegetation cover	No adjacent Water Quality			
Result:		trol is impacted or degraded			
	Wetland is not within 100 year floodplain	Herbaceous vegetation	, no ponding		
Rationale:	Wetland floods/ponds in growing season	Development downslo			
	Water has unrestricted flow out of wetland	Development upslope			
Result:	Wetland is potentially s	ensitive to future impacts	ALTERNATION FOR S		
	Stream modified or isolated wetland	Adjacent land is most	ly developed		
Rationale:	Water is taken out or isolated wetland	Adjacent zoning is primar			
	No adjacent Water Quality Limited streams	Herbaceous vegetation			
Result:	Wetland has moderate j	ootential for enhancement			
	Wetland functions are impacted or degraded	Wetland is less than	0.5 acres		
Rationale:	Primary water source is precipitation	Wetland buffer is les	s than 10%		
	Water flow is permanently restricted	Potentially sensitive to	future impacts		
Result:	Wetland has potenti	al for educational use	The state of the state		
	Wetland access by landowner permission	Maintained public access	within 250 feet		
Rationale:	No visible hazards to public	Wetland is limited mobi	lity accessible		
	Public access to other habitats exist				
Result:	Wetland provides rec	reational opportunities			
	Maintained public access within 250 feet	Wetland provides habitat f	or some wildlife		
Rationale:	No boat launching can be developed	No fishing is allowed			
	Maintained trails, viewing areas exist	No hunting is allowed			
Result:	Wetland is not ae	sthetically pleasing			
	One Cowardin class is visible	Wetland surrounded by la	indscaped areas		
Rationale:	>50% of wetland can be seen	Natural odors present	at wetland		
	Visual detractors present, can't be removed	Some traffic and natural no	oises are present		

(Revised Edition, April 1996)

## Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	Molalla L	WI Wetla	nd: BC-11			
Project Location:	Clackamas County	Wetland Type(s):	PEM			
Date(s) of field work:	ld work: OFF-SITE Approx. Area (acres):		): 0.23			
Onsite Assessment?:	No Investigator(s):		PF			
Wetland Location:	North of Hwy. 211, between Ridings and Leroy					

### **Function and Condition Assessment 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	1000	Q-1	C	Q-1	В	Q-1	A	
Q-2	C	Q-2		Q-2	В	Q-2	В	Q-2	В	
Q-3	C	Q-3		Q-3	В	Q-3	C	Q-3	C	
Q-4	C	Q-4	1 6	Q-4	В	Q-4	C	Q-4	A	
Q-5	В	Q-5	religion of	Q-5	A	Q-5	C	Q-5	A	
Q-6	A	Q-6		Q-6	C	Q-6	A	Q-6	(	
Q-7	A	T				Q-7	A		.7.	
Q-8 Q-9A	C				_		100			

### 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		Educa	tion	Recrea	tion	Aesth Qual	
Q	A	Q	A	Q	A	Q	A
Q-1	A	Q-1	C	Q-1	C	Q-1	C
Q-2	В	Q-2	A	Q-2	C	Q-2	A
Q-3		Q-3	В	Q-3	C	Q-3	A
Q-4	C	Q-4	В	Q-4	В	Q-4	В
Q-5B	A	Q-5	C	Q-5	В	Q-5	A
Q-6	В	Q-6	В	Q-6	В	Q-6	A

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



Project:	Molalla LWI	Wetland:	BC-11		
Location:	Clackamas County	Approx. Area (acres):	0.23		
Date:	OFF-SITE	Wetland Types(s):	PEM		
Result:	Wetland provides habit	at for some wildlife species	Bright Co. Problem		
	One Class with less than 5 species	No adjacent Water Quality limited streams			
Rationale:	Herbaceous vegetation, no ponding	Adjacent land is mostly developed			
	Less than 0.5 acres of open water	Wetland buffer is grea	ater than 40%		
Result:	Fish habitat was not a	assessed for this wetland	<b>设</b> 等机器。据1980		
Rationale:	The state of the s	Posterior de la Principal	netrane)		
Result:	Wetland's water-quality fun	ection is impacted or degrade	ed		
	Primary water source is groundwater	Surface water connection	to other wetlands		
Rationale:	Can't determine if wetland floods or ponds	Adjacent land is most	ly developed		
	Moderate vegetation cover	No adjacent Water Quality	Limited streams		
Result:	Wetland's hydrologic cont	trol is impacted or degraded			
	Wetland is not within 100 year floodplain	Herbaceous vegetation, no ponding			
Rationale:	Can't determine if wetland floods or ponds	Development downslope of wetland			
484	Water has unrestricted flow out of wetland	Development upslop	e of wetland		
Result:	Wetland is potentially s	ensitive to future impacts	大道。《中华·大学》		
	Stream modified or isolated wetland	Adjacent land is most	ly developed		
Rationale:	Water not taken out	Adjacent zoning is primarily development			
	No adjacent Water Quality Limited streams	Herbaceous vegetation	n, no ponding		
Result:	Wetland has high e	nhancement potential	A SHALL WHEN THE STATE OF THE SHALL		
	Wetland functions are impacted or degraded	Wetland is less than	0.5 acres		
Rationale:	Primary water source is groundwater	Wetland buffer is grea	ter than 40%		
	Water flow is permanently restricted	Potentially sensitive to	future impacts		
Result:	Wetland site is not appro	priate for educational use	(1) [1] [2] [2] [2] [3]		
	No access allowed to wetland	No access point to we	etland exists		
Rationale:	No visible hazards to public	Wetland is not limited mo	bility accessible		
	Other habitats can be observed not accessed				
Result:	Wetland is not appropriate or d	oes not provide rec. opportu	nities		
	No access point to wetland exists	Wetland provides habitat	for some wildlife		
Rationale:	No boat launching can be developed	No fishing is al	lowed		
	No trails or viewing areas exist	No hunting is al	lowed		
Result:	Wetland is consid	ered to be pleasing	是2000年的		
	One Cowardin class is visible	Wetland surrounded by la	andscaped areas		
Rationale:	>50% of wetland can be seen	Natural odors presen	t at wetland		
	No visual detractors are present	Some traffic and natural n	oises are present		

(Revised Edition, April 1996)

## **Wetland Assessment Summary Sheet**



Pacific Habitat Services, Inc.

Project Name:	Molalla LWI		land: BC-12A		
Project Location:	Clackamas County	Wetland Type(s):	PFO		
Date(s) of field work:	4/18/01	Approx. Area (acre	es): 0.55		
Onsite Assessment?:	Yes	Yes Investigator(s):			
Wetland Location:	East of Molalla Forest Road, south of City Shops				

## **Function and Condition Assessment Answers:**

Wildlife Habitat		Fish Habitat		Wat Qual	Section of the last of the las	Hydrol Conti	THE RESERVE AND PARTY AND	Sensiti to Imp	STATE OF STREET
Q	A	Q	A	Q	A	Q	A	Q	A
Q-1	A	Q-1		Q-1	A	Q-1	В	Q-1	A
Q-2	A	Q-2		Q-2	В	Q-2	В	Q-2	A
Q-3	В	Q-3		Q-3	В	Q-3	В	Q-3	C
Q-4	C	Q-4	271.19	Q-4	В	Q-4	A	Q-4	B
Q-5	A	Q-5	15	Q-5	В	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	В								
Q-9A	1 14								
O.OR	A .								

### Results:

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

## **Function and Condition Assessment Answers:**

Enhancement Potential	Educa	tion	Recreation		Aesthetic Quality		
Q A	Q	A	Q	A	Q	A	
Q-1	Q-1	C	Q-1	С	Q-1	В	
Q-2	Q-2	A	Q-2	C	Q-2	В	
Q-3	Q-3	A	Q-3	C	Q-3	A	
Q-4	Q-4	C	Q-4	A	Q-4	В	
Q-5B	Q-5	C	Q-5	В	Q-5	A	
Q-6	Q-6	В	Q-6	В	Q-6	A	

<b>Enhancement Potential</b>	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



Project:	Molalla LWI	Wetland:	BC-12A		
Location:	Clackamas County	Approx. Area (acres):	0.55		
Date:	4/18/01	Wetland Types(s):	PFO		
Result:	Wetland provides d	liverse wildlife habitat	GAUTE TOTAL		
	More than one Cowardin class	No adjacent Water Qualit	y limited streams		
Rationale:	Dominated by woody vegetation	Adjacent land use is prin	narily agriculture		
	Less than 0.5 acres of open water	Wetland buffer is grea	nter than 40%		
Result:	Fish habitat was not a	assessed for this wetland			
Rationale:		1 77 65 10711777 7 1 7 16	A STATE OF THE STA		
Kationaic.		THE RESERVE TO	Te State		
Result:	Wetland's water-quality fun	ection is impacted or degrade	ed A second		
	Primary water source is surface flow	Surface water connection	to other wetlands		
Rationale:	Can't determine if wetland floods or ponds	Adjacent land use is prim	arily agriculture		
	Moderate vegetation cover	No adjacent Water Quality	Limited streams		
Result:	Wetland's hydrologic	control function is intact	生 化皮肤系列性抗凝		
	Wetland is not within 100 year floodplain	Dominated by wood	y vegetation		
Rationale:	Can't determine if wetland floods or ponds	Development downslope of wetland			
	Flow out of wetland is restricted	Development upslope of wetland			
Result:	Wetland is potentially s	ensitive to future impacts	<b>公司题目的</b> 2.16.1.16.1		
	Stream modified or isolated wetland	Adjacent land use is prim	arily agriculture		
Rationale:	Water is taken out or isolated wetland	Adjacent zoning is primar			
	No adjacent Water Quality Limited streams	Dominated by woody			
Result:	Due to diverse wildlife habitat,	this wetland cannot be enha	nced		
	to the mark of features against all	dereil de	数是是一		
Rationale:	the state of the second st	the to furgine a second	niled 5"		
Result:	Wetland site is not appro	opriate for educational use	and the second		
	No access allowed to wetland	No access point to we	etland exists		
Rationale:	No visible hazards to public	Wetland is not limited mo			
	No access or observation of other habitats	17 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			
Result:	Wetland is not appropriate or d	oes not provide rec. opportu	nities		
	No access point to wetland exists	Wetland provides diverse			
Rationale:	No boat launching can be developed	No fishing is allowed			
Car Sup. Sec. Sec.	No trails or viewing areas exist	No hunting is al			
Result:		o be moderately pleasing	ALCOHOL YES		
	Two Cowardin classes visible	Wetland surrounded by la	andscaped areas		
Rationale:	25 - 50% of wetland can be seen	Natural odors present			
	No visual detractors are present	Some traffic and natural n			

(Revised Edition, April 1996)

## Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	Molalla LWI Wetla		nd: BC-12B		
Project Location:	Clackamas County	Clackamas County Wetland Type(s):			
Date(s) of field work:	4/25/01, 5/24/01	Approx. Area (acres	): 3.34		
Onsite Assessment?:	Yes Investigator(s):		SE/FS		
Wetland Location:	East of Molalla Forest Road, south of Molalla Schools				

### **Function and Condition Assessment Answers:**

Wildli Habit	COLUMN TO SERVE THE	Fish Habita	t	Wat Qual	Charlet Control	Hydrol Cont		Sensiti to Im	一人とうとしょうだち
Q	A	Q	A	Q	A	Q	A	Q	A
Q-1	В	Q-1	77 95	Q-1	В	Q-1	В	Q-1	A
Q-2	C	Q-2		Q-2	A	Q-2	A	Q-2	B
Q-3	C	Q-3		Q-3	В	Q-3	В	Q-3	C
Q-4	C	Q-4	7	Q-4	В	Q-4	A	Q-4	C
Q-5	В	Q-5	- 16	Q-5	C	Q-5	C	Q-5	A
Q-6	В	Q-6	20/1	Q-6	C	Q-6	C	Q-6	$\boldsymbol{C}$
Q-7	A	N = N1	K. L. H.			Q-7	A		
Q-8	A				*				
Q-9A									
Q-9B	В								

## 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		Educa	tion	Recreation		Aesthetic Quality	
Q	A	Q	A	Q	A	Q	A
Q-1	A	Q-1	В	Q-1	C	Q-1	C
Q-2	C	Q-2	A	Q-2	C	Q-2	C
Q-3	-	Q-3	В	Q-3	C	Q-3	A
Q-4	В	Q-4	C	Q-4	В	Q-4	В
Q-5B	В	Q-5	C	Q-5	В	Q-5	A
Q-6	В	Q-6	В	Q-6	В	Q-6	В

<b>Enhancement Potential</b>	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



Project:	Molalla LWI	Wetland:	BC-12B		
Location:	Clackamas County	Approx. Area (acres):	3.34		
Date:	4/25/01, 5/24/01	Wetland Types(s):	PEM		
Result:	Wetland provides habit	at for some wildlife species			
The state of the state of	One Cowardin class with > 5 species	No adjacent Water Quality limited stream			
Rationale:	Herbaceous vegetation, no ponding	Adjacent land is primar	ily open space		
	Less than 0.5 acres of open water	Wetland buffer is between	n 10% and 40%		
Result:	Fish habitat was not a	assessed for this wetland			
Rationale:	The contract of the contract of	Participates musicano y un	401150F2		
Result:	Wetland's water-quality fun	ection is impacted or degrade	d		
	Primary water source is precipitation	Surface water connection	to other wetlands		
Rationale:	Wetland floods/ponds in growing season	Adjacent land is primar	ily open space		
	Moderate vegetation cover	No adjacent Water Quality	Limited streams		
Result:	Wetland's hydrologic cont	trol is impacted or degraded	<b>北西蒙兰军</b> (1)		
	Wetland is not within 100 year floodplain	Herbaceous vegetation	, no ponding		
Rationale:	Wetland floods/ponds in growing season	Open space downslope of development			
	Flow out of wetland is restricted	Development upslope	of wetland		
Result:	Wetland is potentially s	ensitive to future impacts	45/12/2020		
	Stream modified or isolated wetland	Adjacent land is primar	ily open space		
Rationale:	Water not taken out	Adjacent zoning is primar	ily development		
	No adjacent Water Quality Limited streams	Herbaceous vegetation	, no ponding		
Result:	Wetland has high e	nhancement potential	ich experience		
	Wetland functions are impacted or degraded	Wetland is between 0.:	5 and 5 acres		
Rationale:	Primary water source is precipitation	Wetland buffer is between	n 10% and 40%		
	Water flow is permanently restricted	Potentially sensitive to	future impacts		
Result:	Wetland has potenti	al for educational use	<b>国的</b> 技术。1964年12日		
	Wetland access by landowner permission	No access point to we	tland exists		
Rationale:	No visible hazards to public	Wetland is not limited mo	bility accessible		
	No access or observation of other habitats				
Result:	Wetland is not appropriate or d	oes not provide rec. opportui	nities		
	No access point to wetland exists	Wetland provides habitat f	or some wildlife		
Rationale:	No boat launching can be developed	No fishing is all	owed		
	No trails or viewing areas exist	No hunting is al	lowed		
Result:	Wetland is not ae	sthetically pleasing			
	One Cowardin class is visible	Wetland surrounded by la	indscaped areas		
Rationale:	Less than 25% of wetland can be seen	Natural odors present	at wetland		
	No visual detractors are present	Continuous traffic and natu			

(Revised Edition, April 1996)

## Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	Molalla LWI		and: BC-13	
Project Location:	Clackamas County Wetland Type(s):		PEM	
Date(s) of field work:	4/25/01	Approx. Area (acre	es): 0.35	
Onsite Assessment?:	Yes	Investigator(s):	SE/FS	
Wetland Location:	East of Molalla Forest Road, north of Main Street			

### Function and Condition Assessment Answers:

Habit	ife at	Fish Habita	t	Wat Qual	COLUMN TO SERVICE STREET	Hydrol Conti		Sensiti to Imp	10000000
Q	A	Q	A	Q	A	Q	A	Q	A
Q-1	В	Q-1		Q-1	В	Q-1	В	Q-1	A
Q-2	C	Q-2		Q-2	A	Q-2	A	Q-2	A
Q-3	C	Q-3	- 1	Q-3	C	Q-3	C	Q-3	C
Q-4	C	Q-4	. 1	Q-4	C	Q-4	C	Q-4	В
Q-5	В	Q-5		Q-5	В	Q-5	C	Q-5	A
Q-6	В	Q-6		Q-6	C	Q-6	C	Q-6	C
Q-7	A					Q-7	В		
Q-8	В				-				
Q-9A									

### 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		Aesth Qual	
Q	A	Q	A	Q	A	Q	A		
Q-1	В	Q-1	C	Q-1	C	Q-1	C		
Q-2	C	Q-2	A	Q-2	C	Q-2	A		
Q-3		Q-3	В	Q-3	C	Q-3	A		
Q-4	C	Q-4	C	Q-4	В	Q-4	A		
Q-5B	$\boldsymbol{C}$	Q-5	C	Q-5	В	Q-5	A		
Q-6	В	Q-6	В	Q-6	В	Q-6	В		

<b>Enhancement Potential</b>	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



Project:	Molalla LWI	Wetland:	BC-13					
Location:	Clackamas County	Approx. Area (acres):	0.35					
Date:	4/25/01	Wetland Types(s):	PEM					
Result:	Wetland provides habit	at for some wildlife species	<b>的</b> 有关。在第二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十					
	One Cowardin class with > 5 species	No adjacent Water Qualit	y limited streams					
Rationale:	Herbaceous vegetation, no ponding	Adjacent land use is primarily agricultu						
	Less than 0.5 acres of open water	Wetland buffer is les	ss than 10%					
Result:	Fish habitat was not a	t assessed for this wetland						
Rationale:		The state of	He to the					
Kationaic:	A section of the section of							
Result:	Wetland's water-quality function is impacted or degraded							
	Primary water source is precipitation	Isolated from other						
Rationale:	Wetland floods/ponds in growing season	Adjacent land use is primarily agricultu						
	Low vegetation cover							
Result:	Wetland's hydrologic control function is lost or not present							
	Wetland is not within 100 year floodplain	Herbaceous vegetation	ı, no ponding					
Rationale:	Wetland floods/ponds in growing season	Open space downslope of development						
	Water has unrestricted flow out of wetland	Agriculture upslope						
Result:	Wetland is potentially s	sensitive to future impacts						
	Stream modified or isolated wetland	Adjacent land use is prim	arily agriculture					
Rationale:	Water is taken out or isolated wetland	Adjacent zoning is primarily developm						
	No adjacent Water Quality Limited streams	Herbaceous vegetation	n, no ponding					
Result:	Wetland has little e	nhancement potential	NO MARKET PROPERTY.					
A STATE OF THE STA	One or more functions lost/not present	Wetland is less than	0.5 acres					
Rationale:	Primary water source is precipitation	Wetland buffer is les	s than 10%					
	Water flow is permanently restricted	Potentially sensitive to	future impacts					
Result:	Wetland site is not appro	opriate for educational use	证。由如此是"是是一个是一个					
	No access allowed to wetland	No access point to we	etland exists					
Rationale:	No visible hazards to public	Wetland is not limited mo	bility accessible					
	No access or observation of other habitats							
Result:	Wetland is not appropriate or d	oes not provide rec. opportu	nities					
	No access point to wetland exists	Wetland provides habitat i	for some wildlife					
Rationale:	No boat launching can be developed	No fishing is allowed						
	No trails or viewing areas exist	No hunting is al	lowed					
Result:	Wetland is consid	lered to be pleasing	<b>《大学》</b>					
	One Cowardin class is visible	Wetland surrounded by	natural areas					
Rationale:	>50% of wetland can be seen	Natural odors present						
	No visual detractors are present	Continuous traffic and nat	ural noises occur					

(Revised Edition, April 1996)

## Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	Molalla LWI W		d: BC-14f		
Project Location:	Clackamas County	Clackamas County Wetland Type(s):			
Date(s) of field work:	OFF-SITE	Approx. Area (acres):	0.16		
Onsite Assessment?:	No Investigator(s):		PF		
Wetland Location:	South of Hwy 211, west of Hwy. 213				

### **Function and Condition Assessment Answers:**

Wildlife Habitat				er ity	Hydrologic Control		Sensitivity to Impact	
Q	A	Q A	Q	A	Q	A	Q	A
Q-1	C	Q-1 Julyan	Q-1	С	Q-1	В	Q-1	A
Q-2	C	Q-2	Q-2	В	Q-2	В	Q-2	A
Q-3	C	Q-3	Q-3	C	Q-3	C	Q-3	C
Q-4	C	Q-4	Q-4	C	Q-4	C	Q-4	В
Q-5	В	Q-5	Q-5	В	Q-5	C	Q-5	A
Q-6	В	Q-6	Q-6	C	Q-6	В	Q-6	C
Q-7	A			- 1	Q-7	A		
Q-8	В							
Q-9A	100							
OOD	0							

### 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:**

Enhancen Potenti		Educa	tion	Recrea	tion	Aesth Qual	
Q	A	Q	A	Q	A	Q	A
Q-1	A	Q-1	C	Q-1	C	Q-1	С
Q-2	В	Q-2	A	Q-2	C	Q-2	A
Q-3	21.70	Q-3	В	Q-3	C	Q-3	В
Q-4	$\boldsymbol{C}$	Q-4	В	Q-4	В	Q-4	В
Q-5B	$\boldsymbol{C}$	Q-5	C	Q-5	В	Q-5	A
Q-6	В	Q-6	В	Q-6	В	Q-6	В

<b>Enhancement Potential</b>	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	



Project:	Molalla LWI	Wetland:	BC-14f		
Location:	Clackamas County	Approx. Area (acres):	0.16		
Date:	OFF-SITE	Wetland Types(s):	PEMf		
Result:	Wetland provides habita	at for some wildlife species	"A"。我都是是14.5%		
1.25人	One Class with less than 5 species	No adjacent Water Quality limited stream			
Rationale:	Herbaceous vegetation, no ponding	Adjacent land use is prin	narily agriculture		
	Less than 0.5 acres of open water	Wetland buffer is le	ss than 10%		
Result:	Fish habitat was not a	ssessed for this wetland			
Rationale:		The second secon	TOTAL TOTAL		
Result:	Wetland's water-quality fu	ınction is lost or not present			
	Primary water source is groundwater	Isolated from other	r wetlands		
Rationale:	Can't determine if wetland floods or ponds	Adjacent land use is prim	arily agriculture		
	Low vegetation cover	No adjacent Water Quality Limited st			
Result:	Wetland's hydrologic cont	rol is impacted or degraded			
	Wetland is not within 100 year floodplain	Herbaceous vegetation	n, no ponding		
Rationale:	Can't determine if wetland floods or ponds	Agriculture downslop			
	Water has unrestricted flow out of wetland	Development upslop			
Result:	Wetland is potentially se	ensitive to future impacts	Total Commence		
	Stream modified or isolated wetland	Adjacent land use is prim	arily agriculture		
Rationale:	Water is taken out or isolated wetland	Adjacent zoning is primar			
	No adjacent Water Quality Limited streams	Herbaceous vegetation			
Result:	Wetland has moderate p	otential for enhancement	5230月前州城市1997年		
	Wetland functions are impacted or degraded	Wetland is less than	0.5 acres		
Rationale:	Primary water source is groundwater	Wetland buffer is les	s than 10%		
	Water flow is permanently restricted	Potentially sensitive to	future impacts		
Result:	Wetland site is not appro	priate for educational use			
	No access allowed to wetland	No access point to we	etland exists		
Rationale:	No visible hazards to public	Wetland is not limited mo	bility accessible		
	Other habitats can be observed not accessed	55 A 30 T			
Result:	Wetland is not appropriate or do	oes not provide rec. opportu	nities		
	No access point to wetland exists	Wetland provides habitat	for some wildlife		
Rationale:	No boat launching can be developed	No fishing is allowed			
	No trails or viewing areas exist	No hunting is al	lowed		
Result:	Wetland is consid-	ered to be pleasing			
	One Cowardin class is visible	Wetland surrounded by la	andscaped areas		
Rationale:	>50% of wetland can be seen	Natural odors presen	t at wetland		
	Visual detractors present, can be removed	Continuous traffic and nat			

(Revised Edition, April 1996)

## Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	Molalla L	WI Wetland:	BC-15		
Project Location:	Clackamas County	ty Wetland Type(s): PE			
Date(s) of field work:	6/6/01	Approx. Area (acres):	0.80		
Onsite Assessment?:	Yes	Investigator(s):	PF/SE		
Wetland Location:	East of Highway 213, southwest corner of Molalla				

### **Function and Condition Assessment Answers:**

Wildlife Habitat		Fish Habitat		Water Quality		Hydrologic Control		Sensitivity to Impact	
Q	A	Q	A	Q	A	Q	A	Q	A
Q-1	В	Q-1		Q-1	В	Q-1	В	Q-1	A
Q-2	C	Q-2		Q-2	A	Q-2	A	Q-2	A
Q-3	C	Q-3	2.1	Q-3	C	Q-3	В	Q-3	C
Q-4	C	Q-4		Q-4	В	Q-4	A	Q-4	C
Q-5	В	Q-5		Q-5	C	Q-5	C	Q-5	A
Q-6	В	Q-6		Q-6	C	Q-6	C	Q-6	C
Q-7	A					Q-7	В		
Q-8	A								
0-9A	30								

### 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:**

Enhancen Potentia		Educa	tion	Recreation		Aesthetic Quality	
Q	A	Q	A	Q	A	Q	A
Q-1	A	Q-1	В	Q-1	C	Q-1.	C
Q-2	C	Q-2	В	Q-2	C	Q-2	В
Q-3	Mark.	Q-3	В	Q-3	C	Q-3	A
Q-4	В	Q-4	C	Q-4	В	Q-4	A
Q-5B	C	Q-5	C	Q-5	В	Q-5	A
Q-6	В	Q-6	В	Q-6	В	Q-6	A

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



Project:	Molalla LWI	Wetland:	BC-15		
Location:	Clackamas County	Approx. Area (acres):	0.80		
Date:	6/6/01	Wetland Types(s):	PEM		
Result:	Wetland provides habita	nt for some wildlife species	WATER TO BE FOR		
	One Cowardin class with > 5 species	No adjacent Water Quality limited streams			
Rationale:	Herbaceous vegetation, no ponding	Adjacent land is primar	ily open space		
	Less than 0.5 acres of open water	Wetland buffer is les	ss than 10%		
Result:	Fish habitat was not a	ssessed for this wetland	Particular design (1993)		
Rationale:			2		
Result:	Wetland's water-quality fun	ction is impacted or degrade	deneralisation		
	Primary water source is precipitation	Surface water connection	to other wetlands		
Rationale:	Wetland floods/ponds in growing season	Adjacent land is primar	ily open space		
	Low vegetation cover	No adjacent Water Quality	Limited streams		
Result:	Wetland's hydrologic cont	rol is impacted or degraded			
	Wetland is not within 100 year floodplain	Herbaceous vegetation	, no ponding		
Rationale:	Wetland floods/ponds in growing season	Open space downslope of development			
	Flow out of wetland is restricted	Agriculture upslope of wetland			
Result:	Wetland is potentially s	ensitive to future impacts			
	Stream modified or isolated wetland	Adjacent land is primar	ily open space		
Rationale:	Water is taken out or isolated wetland	Adjacent zoning is primarily developm			
10 T	No adjacent Water Quality Limited streams	Herbaceous vegetation	, no ponding		
Result:	Wetland has moderate p	otential for enhancement	<b>建筑设置的现在分</b>		
	Wetland functions are impacted or degraded	Wetland is between 0.	5 and 5 acres		
Rationale:	Primary water source is precipitation	Wetland buffer is less than 10%			
	Water flow is permanently restricted	Potentially sensitive to	future impacts		
Result:	Wetland has potenti	al for educational use			
	Wetland access by landowner permission	No access point to we	etland exists		
Rationale:	1 or 2 visible safety hazards	Wetland is not limited mo	bility accessible		
	No access or observation of other habitats				
Result:	Wetland is not appropriate or de	oes not provide rec. opportu	nities		
	No access point to wetland exists	Wetland provides habitat f	or some wildlife		
Rationale:	No boat launching can be developed	oat launching can be developed No fishing is allowed			
	No trails or viewing areas exist	No hunting is al	lowed		
Result:	Wetland is considered to	o be moderately pleasing			
	One Cowardin class is visible	Wetland surrounded by	natural areas		
Rationale:	25 - 50% of wetland can be seen	Natural odors present			
100	No visual detractors are present	Some traffic and natural n	oises are present		

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## Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	Molalla L	WI Wetl	and: BC-16A		
Project Location:	Clackamas County	y Wetland Type(s): PEM			
Date(s) of field work:	OFF-SITE	Approx. Area (acre	s): 0.96		
Onsite Assessment?:	No Investigator(s):		PF		
Wetland Location:	South of Hwy. 211, east of Hwy 213, west of Bear Creek				

#### Function and Condition Assessment Answers:

Wildlife Habitat		Fish Habitat			Water Quality		Hydrologic Control		Sensitivity to Impact	
Q	A	Q	A	Q	A	Q	A	Q	A	
Q-1	В	Q-1	ma i	Q-1	A	Q-1	В	Q-1	A	
Q-2	C	Q-2	- 1	Q-2	В	Q-2	В	Q-2	В	
Q-3	C	Q-3	-	Q-3	В	Q-3	В	Q-3	C	
Q-4	C	Q-4	11.2%	Q-4	В	Q-4	C	Q-4	B	
Q-5	A	Q-5	Time	Q-5	В	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	В									
Q-9A										

### 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 degrade	
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		Educa	tion	Recrea	tion	Aesth Qual	
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	В
Q-3	A	Q-3	В	Q-3	C	Q-3	A
Q-4	В	Q-4	В	Q-4	В	Q-4	B
Q-5B	C	Q-5	C	Q-5	В	Q-5	A
Q-6	В	Q-6	В	Q-6	В	Q-6	A

<b>Enhancement Potential</b>	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		



Project:	Molalla LWI	Wetland:	BC-16A			
Location:	Clackamas County	Approx. Area (acres):	0.96			
Date:	OFF-SITE	Wetland Types(s):	PEM			
Result:	Wetland provides habit	at for some wildlife species	<b>这种数据的基础</b>			
	One Cowardin class with > 5 species	No adjacent Water Quality limited streams				
Rationale:	Herbaceous vegetation, no ponding	Adjacent land use is prin	narily agriculture			
	Less than 0.5 acres of open water	Wetland buffer is les	ss than 10%			
Result:	Fish habitat was not a	assessed for this wetland	PS BUENTED S			
Rationale:		Contract was contributed as a	Sent Tra			
Result:		ection is impacted or degrade				
	Primary water source is surface flow	Surface water connection				
Rationale:	Can't determine if wetland floods or ponds	Adjacent land use is primarily agriculture				
	Moderate vegetation cover	No adjacent Water Quality	/ Limited streams			
Result:		trol is impacted or degraded				
	Wetland is not within 100 year floodplain	Herbaceous vegetation, no ponding				
Rationale:	Can't determine if wetland floods or ponds	Development downslo				
	Water has unrestricted flow out of wetland Development upslope of wetland					
Result:		ensitive to future impacts				
	Stream modified or isolated wetland	Adjacent land use is prim				
Rationale:	Water not taken out	Adjacent zoning is primar				
	No adjacent Water Quality Limited streams	Herbaceous vegetation	n, no ponding			
Result:	Wetland has high e	nhancement potential				
	Wetland functions are impacted or degraded	Wetland is between 0.				
Rationale:	Primary water source is surface flow	Wetland buffer is les	ss than 10%			
神大學學前是	Flow into wetland is not restricted	Potentially sensitive to	future impacts			
Result:	Wetland site is not appro	priate for educational use				
	No access allowed to wetland	No access point to we	etland exists			
Rationale:	No visible hazards to public	Wetland is not limited mo	bility accessible			
	Other habitats can be observed not accessed	Elg ha				
Result:	Wetland is not appropriate or d	oes not provide rec. opportu	nities			
Problem	No access point to wetland exists	Wetland provides habitat	for some wildlife			
Rationale:	No boat launching can be developed	No fishing is al	lowed			
	No trails or viewing areas exist	No hunting is al	lowed			
Result:		o be moderately pleasing	March 16 美国			
	One Cowardin class is visible	Wetland surrounded by la	andscaped areas			
Rationale:	25 - 50% of wetland can be seen	Natural odors present				
	No visual detractors are present	Some traffic and natural n				

(Revised Edition, April 1996)

## **Wetland Assessment Summary Sheet**



Pacific Habitat Services, Inc.

Project Name:	Molalla LWI Wetland:			BC-16B	
Project Location:	Clackamas County	County Wetland Type(s):		PEM	
Date(s) of field work:	6/6/01	Approx. Area (acres):		0.96	
Onsite Assessment?:	Yes Investigator(s):		PF/SE		
Wetland Location:	South of Hwy. 211, east of Hwy 213, southwest of Bear Creek				

## **Function and Condition Assessment Answers:**

Wildlife Habitat		Fish Habitat		Water Quality		Hydrologic Control		Sensitivity to Impact	
Q	A	Q	A	Q	A	Q	A	Q	A
Q-1	В	Q-1		Q-1	A	Q-1	В	Q-1	A
Q-2	C	Q-2		Q-2	В	Q-2	В	Q-2	В
Q-3	C	Q-3		Q-3	В	Q-3	В	Q-3	C
Q-4	C	Q-4		Q-4	В	Q-4	C	Q-4	В
Q-5	A	Q-5	3 T.	Q-5	В	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	В		
Q-8	В				_				
- Change									

## 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:

Enhancen Potentia		Educa	tion	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	В	Q-2	C	Q-2	A	
Q-3	A	Q-3	В	Q-3	C	Q-3	A	
Q-4	В	Q-4	В	Q-4	В	Q-4	В	
Q-5B	C	Q-5	C	Q-5	В	Q-5	A	
Q-6	В	Q-6	В	Q-6	В	Q-6	A	

<b>Enhancement Potential</b>	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		



Project:	Molalla LWI	Wetland:	BC-16B			
Location:	Clackamas County	Approx. Area (acres):	0.96			
Date:	6/6/01	Wetland Types(s):	PEM			
Result:	Wetland provides habita	it for some wildlife species	<b>加速创始特别</b>			
	One Cowardin class with > 5 species	No adjacent Water Quali	ty limited streams			
Rationale:	Herbaceous vegetation, no ponding	Adjacent land use is primarily agricultur				
<b>"有许可以</b> "	Less than 0.5 acres of open water	Wetland buffer is le	ess than 10%			
Result:	Fish habitat was not a	ssessed for this wetland	<b>计算机模型</b> 是使用			
Rationale:						
	Course to Lead to a contract	Lord & D. Billion St. Phys.	the call of			
Result:	Wetland's water-quality fun	ction is impacted or degrad	ed			
	Primary water source is surface flow	Surface water connection	to other wetlands			
Rationale:	Can't determine if wetland floods or ponds	Adjacent land use is prin	narily agriculture			
	Moderate vegetation cover	No adjacent Water Qualit	y Limited streams			
Result:	Wetland's hydrologic cont	rol is impacted or degraded	<b>经基础的基础</b>			
ra Parlant	Wetland is not within 100 year floodplain	Herbaceous vegetatio	n, no ponding			
Rationale:	Can't determine if wetland floods or ponds	Development downslo	ope of wetland			
A STATE OF THE STATE OF	Water has unrestricted flow out of wetland	Agriculture upslope	e of wetland			
Result:	Wetland is potentially so	ensitive to future impacts				
	Stream modified or isolated wetland	Adjacent land use is prin	narily agriculture			
Rationale:	Water not taken out	Adjacent zoning is prima	rily development			
	No adjacent Water Quality Limited streams	Herbaceous vegetatio	n, no ponding			
Result:	Wetland has high er	hancement potential	BALL STATE			
	Wetland functions are impacted or degraded	Wetland is between 0	.5 and 5 acres			
Rationale:	Primary water source is surface flow	Wetland buffer is le	parameter and an artist of the second			
	Flow into wetland is not restricted	Potentially sensitive to	future impacts			
Result:	Wetland site is not appro	priate for educational use	<b>《图》</b> 500 900 900			
the second	No access allowed to wetland	No access point to w	etland exists			
Rationale:	1 or 2 visible safety hazards	Wetland is not limited me	obility accessible			
	Other habitats can be observed not accessed					
Result:	Wetland is not appropriate or does not provide rec. opportunities					
	No access point to wetland exists	Wetland provides habitat	for some wildlife			
Rationale:	No boat launching can be developed	No fishing is a	llowed			
	No trails or viewing areas exist	No hunting is a	llowed			
Result:	Wetland is consider	ered to be pleasing	THE WALL STORY			
	One Cowardin class is visible	Wetland surrounded by l	andscaped areas			
Rationale:	>50% of wetland can be seen	Natural odors preser	nt at wetland			
	No visual detractors are present	Some traffic and natural r	noises are present			

(Revised Edition, April 1996)

## Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	Molalla L'	WI Wetlan	d: BC-17A		
Project Location:	Clackamas County Wetland Type(s):		PFO		
Date(s) of field work:	OFF-SITE	Approx. Area (acres):	1.96		
Onsite Assessment?:	No	Investigator(s): PF/S			
Wetland Location:	West of Ona Road, south of Main Street				

### **Function and Condition Assessment Answers:**

Wildlife Habitat		Fish Habitat		Water Quality		Hydrologic Control		Sensitivity to Impact	
Q	A	Q	A	Q	A	Q	A	Q	A
Q-1	A	Q-1	A	Q-1	A	Q-1	В	Q-1	A
Q-2	A	Q-2	A	Q-2	В	Q-2	В	Q-2	В
Q-3	В	Q-3	В	Q-3	В	Q-3	В	Q-3	C
Q-4	C	Q-4	A	Q-4	В	Q-4	C	Q-4	A
Q-5	A	Q-5	C	Q-5	A	Q-5	A	Q-5	A
Q-6	A	Q-6	A	Q-6	C	Q-6	C	Q-6	A
Q-7	A					Q-7	C		
Q-8	C				-				
Q-9A	1. A n								
OOD	D								

### 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:**

Enhancen Potentia		Educa	tion	Recreation		Aesthetic Quality	
Q	A	Q	A	Q	A	$\mathbf{Q}$	A
Q-1	A	Q-1	C	Q-1	C	Q-1	В
Q-2	A	Q-2	A	Q-2	C	Q-2	C
Q-3	A	Q-3	A	Q-3	C	Q-3	A
Q-4	В	Q-4	В	Q-4	В	Q-4	B
Q-5B	В	Q-5	C	Q-5	В	Q-5	A
Q-6	В	Q-6	В	Q-6	В	Q-6	В

<b>Enhancement Potential</b>	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



Project:	Molalla LWI	Wetland:	BC-17A					
Location:	Clackamas County	Approx. Area (acres):	1.96					
Date:	OFF-SITE	Wetland Types(s):	PFO					
Result:	Wetland provides habita	at for some wildlife species	n Talk the State of the					
	More than one Cowardin class	No adjacent Water Quality limited streams						
Rationale:	Dominated by woody vegetation	Adjacent land is mostly developed						
14.12 15.744	Less than 0.5 acres of open water	Wetland buffer is between	een 10% and 40%					
Result:	Wetland's fish hab	itat function is intact						
	50% or more of stream is shaded	No adjacent Water Quali	ty Limited streams					
Rationale:	Stream is in a natural channel	Adjacent land is mo	stly developed					
	10-25% of stream has instream structures	Salmon and/or trout p	resent in stream					
Result:	Wetland's water-quality fun	ction is impacted or degrad	led					
	Primary water source is surface flow	Surface water connection	n to other wetlands					
Rationale:	Can't determine if wetland floods or ponds	Adjacent land is mostly developed						
	Moderate vegetation cover	No adjacent Water Quality Limited str						
Result:	Wetland's hydrologic control is impacted or degraded							
	Wetland is not within 100 year floodplain							
Rationale:	Can't determine if wetland floods or ponds	Open space downslope of development						
	Water has unrestricted flow out of wetland	Open space upslope of wetland						
Result:	Wetland is potentially s	ensitive to future impacts						
	Stream modified or isolated wetland	Adjacent land is mostly developed						
Rationale:	Water not taken out	Adjacent zoning is primarily developmen						
	No adjacent Water Quality Limited streams	Dominated by woo						
Result:	Wetland has high en	nhancement potential	RAPESTAL TOPS					
	Wetland functions are impacted or degraded	Wetland is between	0.5 and 5 acres					
Rationale:	Primary water source is surface flow	Wetland buffer is between	een 10% and 40%					
	Flow into wetland is not restricted	Potentially sensitive to	o future impacts					
Result:	Wetland site is not appro	priate for educational use	100年 <b>建</b>					
	No access allowed to wetland	No access point to v	vetland exists					
Rationale:	No visible hazards to public	Wetland is not limited n	nobility accessible					
	Other habitats can be observed not accessed	THE A THURST						
Result:	Wetland is not appropriate or de	oes not provide rec. opport	unities					
	No access point to wetland exists	Wetland provides habitat for some wile						
Rationale:	No boat launching can be developed	No fishing is allowed						
	No trails or viewing areas exist	No hunting is allowed						
Result:		o be moderately pleasing						
	Two Cowardin classes visible	Wetland surrounded by	landscaped areas					
Rationale:	Less than 25% of wetland can be seen	Natural odors prese	nt at wetland					
	No visual detractors are present	Continuous traffic and na						

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## **Wetland Assessment Summary Sheet**



Pacific Habitat Services, Inc.

Project Name:	Molalla L'	WI Wetland:	BC-17B		
Project Location:	Clackamas County	s County Wetland Type(s):			
Date(s) of field work:	5/1/01	Approx. Area (acres):	0.14		
Onsite Assessment?:	Yes	Investigator(s):	PF/SE		
Wetland Location:	East of Ona Road, south of Main Street				

## **Function and Condition Assessment Answers:**

Wildli Habit	SECTION ALSO	Fish Habita	ıt	Wat Qual		Hydrologic Control		Sensitivity to Impact	
Q	A	$\mathbf{Q}$	Α	Q	A	Q	A	Q	A
Q-1	C	Q-1	C	Q-1	A	Q-1	В	Q-1	A
Q-2	C	Q-2	A	Q-2	$-\mathbf{A}$	Q-2	A	Q-2	B
Q-3	C	Q-3	В	Q-3	A	Q-3	C	Q-3	(
Q-4	C	Q-4	- A	Q-4	В	Q-4	C	Q-4	(
Q-5	A	Q-5	A	Q-5	C	Q-5	C	Q-5	A
Q-6	A	Q-6	A	Q-6	C	Q-6	C	Q-6	(
Q-7	A					Q-7	C		
Q-8	A				-				
O-9A									

## Results:

Q-9B

Wildlife Habitat	Wetland provides habitat for some wildlife species
Fish Habitat	Wetland's fish habitat function is intact
Water Quality	Wetland's water-quality function is intact
Hydrologic Control	Wetland's hydrologic control function is lost or not present
Sensitivity to Impact	Wetland is potentially sensitive to future impacts

## **Function and Condition Assessment Answers:**

Enhancen Potentia		Educa	tion	Recreation		Aesthetic Quality	
Q	A	Q	A	Q	A	Q	A
Q-1	В	Q-1	C	Q-1	C	Q-1	В
Q-2	- A	Q-2	A	Q-2	C	Q-2	A
Q-3	A	Q-3	A	Q-3	C	Q-3	В
Q-4	$\mathbf{C}$	Q-4	В	Q-4	В	Q-4	$\mathbf{B}$
Q-5B	B	Q-5	C	Q-5	В	Q-5	A
Q-6	B	Q-6	В	Q-6	В	Q-6	A

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		



Project:	Molalla LWI	Wetland:	BC-17B		
Location:	Clackamas County	Approx. Area (acres):	0.14		
Date:	5/1/01	Wetland Types(s):	PEM		
Result:	Wetland provides habita	at for some wildlife species			
	One Class with less than 5 species	No adjacent Water Quality limited streams			
Rationale:	Herbaceous vegetation, no ponding	Adjacent land is primarily open space			
S. V. Arriva	Less than 0.5 acres of open water	Wetland buffer is between	en 10% and 40%		
Result:	Wetland's fish hab	itat function is intact			
	Less than 25% of stream is shaded	No adjacent Water Qualit	ty Limited streams		
Rationale:	Stream is in a natural channel	Adjacent land is prima	arily open space		
	10-25% of stream has instream structures	Salmon and/or trout pr	resent in stream		
Result:	Wetland's water-qu	ality function is intact			
	Primary water source is surface flow	Surface water connection	to other wetlands		
Rationale:	Wetland floods/ponds in growing season	Adjacent land is prima	rily open space		
	High wetland vegetation cover	No adjacent Water Quality Limited str			
Result:	Wetland's hydrologic contro	l function is lost or not pres	ent		
	Wetland is not within 100 year floodplain	Herbaceous vegetation	n, no ponding		
Rationale:	Wetland floods/ponds in growing season	Open space downslope	of development		
	Water has unrestricted flow out of wetland	Open space upslope of wetland			
Result:	Wetland is potentially s	ensitive to future impacts			
	Stream modified or isolated wetland	Adjacent land is prima	rily open space		
Rationale:	Water not taken out	Adjacent zoning is primarily developme			
	No adjacent Water Quality Limited streams	Herbaceous vegetatio	n, no ponding		
Result:	Wetland has moderate p	ootential for enhancement	PROPERTY AND PROPERTY.		
	One or more functions lost/not present	Wetland is less that	in 0.5 acres		
Rationale:	Primary water source is surface flow	Wetland buffer is between	en 10% and 40%		
and the silver	Flow into wetland is not restricted	Potentially sensitive to	future impacts		
Result:	Wetland site is not appro	priate for educational use	40000000000000000000000000000000000000		
	No access allowed to wetland	No access point to w	etland exists		
Rationale:	No visible hazards to public	Wetland is not limited m	obility accessible		
Link	Other habitats can be observed not accessed				
Result:	Wetland is not appropriate or d	oes not provide rec. opportu	ınities		
	No access point to wetland exists	Wetland provides habitat	for some wildlife		
Rationale:	No boat launching can be developed	No fishing is allowed			
	No trails or viewing areas exist	No hunting is a	illowed		
Result:	Wetland is consid	ered to be pleasing	<b>上</b> 性為其實施		
The state of the s	Two Cowardin classes visible	Wetland surrounded by	landscaped areas		
Rationale:	>50% of wetland can be seen	Natural odors preser	nt at wetland		
	Visual detractors present, can be removed	Some traffic and natural i	noises are present		

(Revised Edition, April 1996)

## Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	Molalla L'	WI Wetland:	BC-18		
Project Location:	Clackamas County	Wetland Type(s):	PEM, PSS		
Date(s) of field work:	4/25/01	Approx. Area (acres):	0.12		
Onsite Assessment?:	Yes	Yes Investigator(s):			
Wetland Location:	South of Main Street				

### **Function and Condition Assessment Answers:**

Wildlife Habitat		Fish Habita	it	Water Quality		Hydrologic Control		Sensitivity to Impact	
Q	A	Q	A	Q	A	Q	A	Q	A
Q-1	A	Q-1	e4. 2.0	Q-1	A	Q-1	В	Q-1	A
Q-2	C	Q-2		Q-2	A	Q-2	A	Q-2	A
Q-3	C	Q-3		Q-3	C	Q-3	C	Q-3	(
Q-4	C	Q-4	100	Q-4	В	Q-4	C	Q-4	C
Q-5	В	Q-5		Q-5	C	Q-5	C	Q-5	A
Q-6	В	Q-6		Q-6	C	Q-6	A	Q-6	C
Q-7	A					Q-7	C	-	
Q-8	A					7.1.			
Q-9A									
O-9B	R								

## 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		Educa	tion	Recreation		Aesthetic Quality	
Q	A	Q	A	Q	A	Q	A
Q-1	В	Q-1	C	Q-1	C	Q-1	В
Q-2	A	Q-2	A	Q-2	C	Q-2	C
Q-3	A	Q-3	В	Q-3	C	Q-3	A
Q-4	C	Q-4	C	Q-4	В	Q-4	В
Q-5B	В	Q-5	C	Q-5	В	Q-5	A
Q-6	В	Q-6	В	Q-6	В	Q-6	B

<b>Enhancement Potential</b>	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



Project:	Molalla LWI	Wetland:	BC-18		
Location:	Clackamas County	Approx. Area (acres):	0.12		
Date:	4/25/01	Wetland Types(s):	PEM, PSS		
Result:	Wetland provides habit	at for some wildlife species			
	More than one Cowardin class	No adjacent Water Quality limited stream			
Rationale:	Herbaceous vegetation, no ponding	Adjacent land is primarily open spa			
	Less than 0.5 acres of open water	Wetland buffer is betwee	en 10% and 40%		
Result:	Fish habitat was not a	issessed for this wetland			
Rationale:	The state of the s	Miles 120 Poull one Paris	Note: And the second		
		TANA TO TURNING IN	Table .		
Result:	Wetland's water-quality fun	ction is impacted or degrad	ed		
	Primary water source is surface flow	Surface water connection	to other wetlands		
Rationale:	Wetland floods/ponds in growing season	Adjacent land is prima	rily open space		
	Low vegetation cover	No adjacent Water Quality Limited stream			
Result:	Wetland's hydrologic contro	l function is lost or not prese	ent		
	Wetland is not within 100 year floodplain	Herbaceous vegetatio	n, no ponding		
Rationale:	Wetland floods/ponds in growing season	Development downslope of wetland			
	Water has unrestricted flow out of wetland	Open space upslope	e of wetland		
Result:	Wetland is potentially s	ensitive to future impacts			
	Stream modified or isolated wetland	Adjacent land is prima	rily open space		
Rationale:	Water is taken out or isolated wetland	Adjacent zoning is primarily developme			
	No adjacent Water Quality Limited streams	Herbaceous vegetatio	n, no ponding		
Result:	Wetland has moderate j	ootential for enhancement	<b>"我们我们的</b> "		
	One or more functions lost/not present	Wetland is less tha	n 0.5 acres		
Rationale:	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 appro	priate for educational use			
	No access allowed to wetland	No access point to w	etland exists		
Rationale:	No visible hazards to public	Wetland is not limited me	obility accessible		
	No access or observation of other habitats	1-0			
Result:	Wetland is not appropriate or d	oes not provide rec. opportu	nities		
	No access point to wetland exists	Wetland provides habitat	for some wildlife		
Rationale:	No boat launching can be developed	No fishing is allowed			
	No trails or viewing areas exist	No hunting is allowed			
Result:	Wetland is considered t	o be moderately pleasing			
	Two Cowardin classes visible	Wetland surrounded by l	andscaped areas		
Rationale:	Less than 25% of wetland can be seen	Natural odors presen	t at wetland		
	No visual detractors are present	Continuous traffic and nat	ural noises occur		

(Revised Edition, April 1996)

# **Wetland Assessment Summary Sheet**



Pacific Habitat Services, Inc.

Project Name:	Molalla L'	WI Wetla	ind: BC-19
Project Location:	Clackamas County	Wetland Type(s):	PFO
Date(s) of field work:	OFF-SITE	Approx. Area (acres	s): 1.45
Onsite Assessment?:	No Investigator(s):		PF/SE
Wetland Location:	South of Lov	Forest Road	

## **Function and Condition Assessment Answers:**

Wildlife Habitat		Fish Habita	ıt	Wat Qual	SCHEDUSE:	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	В	Q-1	A
Q-2	A	Q-2	В	Q-2	В	Q-2	В	Q-2	B
Q-3	В	Q-3	В	Q-3	В	Q-3	В	Q-3	C
Q-4	C	Q-4	A	Q-4	В	Q-4	C	Q-4	B
Q-5	A	Q-5	В	Q-5	В	Q-5	A	Q-5	A
Q-6	A	Q-6	A	Q-6	C	Q-6	C	Q-6	A
Q-7	A					Q-7	В		
Q-8	В				-	-	- 12 11		
Q-9A	. 16.								
OOD	A								

## Results:

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

## **Function and Condition Assessment Answers:**

Enhancement Potential	Educa	tion	Recreation		Aesthetic Quality	
Q A	Q	A	Q	A	Q	A
Q-1	Q-1	C	Q-1	C	Q-1	В
Q-2	Q-2	A	Q-2	C	Q-2	В
Q-3	Q-3	A	Q-3	C	Q-3	A
Q-4	Q-4	C	Q-4	A	Q-4	A
Q-5B	Q-5	C	Q-5	В	Q-5	A
Q-6	Q-6	В	Q-6	В	Q-6	A

<b>Enhancement Potential</b>	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



Project:	Molalla LWI	Wetland:	BC-19				
Location:	Clackamas County	Approx. Area (acres):	1.45				
Date:	OFF-SITE	Wetland Types(s):	PFO				
Result:	Wetland provides d	liverse wildlife habitat	16.66 大 <u>机</u> 为量率数3				
	More than one Cowardin class	No adjacent Water Quality limited streams					
Rationale:	Dominated by woody vegetation	Adjacent land use is primarily agricultu					
	Less than 0.5 acres of open water	Wetland buffer is gre	ater than 40%				
Result:	Wetland's fish hab	itat function is intact	will be the state of the second				
	50% or more of stream is shaded	No adjacent Water Qualit	y Limited streams				
Rationale:	Only portions of stream are modified	Adjacent land use is prin	narily agriculture				
	10-25% of stream has instream structures	Salmon and/or trout pr	esent in stream				
Result:	Wetland's water-quality fun	ction is impacted or degrad	ed				
	Primary water source is surface flow	Surface water connection	to other wetlands				
Rationale:	Can't determine if wetland floods or ponds	Adjacent land use is primarily agriculture					
	Moderate vegetation cover	No adjacent Water Quality Limited strea					
Result:	Wetland's hydrologic cont	trol is impacted or degraded					
	Wetland is not within 100 year floodplain						
Rationale:	Can't determine if wetland floods or ponds	Open space downslope	of development				
	Water has unrestricted flow out of wetland	Agriculture upslope of wetland					
Result:	Wetland is potentially s	ensitive to future impacts	> 15 15 National State				
	Stream modified or isolated wetland	Stream modified or isolated wetland					
Rationale:	Water not taken out	Adjacent zoning is primarily developmen					
	No adjacent Water Quality Limited streams	Dominated by wood	y vegetation				
Result:	Due to diverse wildlife habitat,	this wetland cannot be enha	nced				
	principles to permultin in quartonic missently in	一一 一 一 一 一 一 一 一 一 一 一 一 一 一 一 一 一 一 一	With the same				
Rationale:	a property of the second secon	1 200 dp.(10,7)	Thrape y				
y a pabyyyan ma							
Result:	Wetland site is not appro	priate for educational use					
	No access allowed to wetland	No access point to w	etland exists				
Rationale:	No visible hazards to public	Wetland is not limited me	obility accessible				
	No access or observation of other habitats						
Result:	Wetland is not appropriate or d	oes not provide rec. opportu	nities				
	No access point to wetland exists	Wetland provides diverse wildlife habita					
Rationale:	No boat launching can be developed	No fishing is allowed					
	No trails or viewing areas exist	No hunting is allowed					
Result:	Wetland is considered t	o be moderately pleasing	·城市特 "国家"第二				
	Two Cowardin classes visible	Wetland surrounded by	y natural areas				
Rationale:	25 - 50% of wetland can be seen	Natural odors presen	at at wetland				
	No visual detractors are present	Some traffic and natural r	noises are present				

(Revised Edition, April 1996)

# Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	Molalla L	WI Wetland	l: BC-20		
Project Location:	Clackamas County	Wetland Type(s):	PEM		
Date(s) of field work:	OFF-SITE	Approx. Area (acres):	0.84		
Onsite Assessment?:	No	Investigator(s):	SE/FS		
Wetland Location:	South of Lowe Road				

### **Function and Condition Assessment Answers:**

Wildli Habit	MIDENSEN TO	Fish Habita	t	Wat Qual	COLUMN TO SERVICE	Hydrol Cont	WINDS THE RESERVE	Sensiti to Imp	
Q	A	Q	A	Q	A	Q	A	Q	A
Q-1	C	Q-1	JM 5	Q-1	В	Q-1	В	Q-1	A
Q-2	C	Q-2		Q-2	A	Q-2	A	Q-2	В
Q-3	C	Q-3		Q-3	C	Q-3	C	Q-3	C
Q-4	C	Q-4	200	Q-4	В	Q-4	C	Q-4	C
Q-5	В	Q-5	1	Q-5	C	Q-5	C	Q-5	A
Q-6	В	Q-6	(	Q-6	C	Q-6	C	Q-6	C
Q-7	A				-	Q-7	В		
Q-8	A								
Q-9A	1 10								
OOD	0								

### 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:**

Enhancen Potentia		Educa	tion	Recreation		Aesthetic Quality	
Q	A	Q	A	Q	$\mathbf{A}$	Q	A
Q-1	В	Q-1	C	Q-1	C	Q-1	C
Q-2	C	Q-2	В	Q-2	C	Q-2	A
Q-3		Q-3	В	Q-3	C	Q-3	B
Q-4	C	Q-4	C	Q-4	В	Q-4	В
Q-5B	C	Q-5	C	Q-5	В	Q-5	A
Q-6	В	Q-6	В	Q-6	В	Q-6	A

<b>Enhancement Potential</b>	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



Project:	Molalla LWI	Wetland:	BC-20				
Location:	Clackamas County	Approx. Area (acres):	0.84				
Date:	OFF-SITE	Wetland Types(s):	PEM				
Result:	Wetland provides habita	at for some wildlife species	CHILD AND VALLE				
	One Class with less than 5 species	No adjacent Water Quality limited streams					
Rationale:	Herbaceous vegetation, no ponding	Adjacent land is primarily open spa					
	Less than 0.5 acres of open water	Wetland buffer is les	ss than 10%				
Result:	Fish habitat was not a	Fish habitat was not assessed for this wetland					
Rationale:		the service and the service of the s	700 TO 1				
Result:	Wetland's water-quality fun	ction is impacted or degrade	d Albania				
	Primary water source is precipitation	Surface water connection	to other wetlands				
Rationale:	Wetland floods/ponds in growing season	Adjacent land is primar	ily open space				
	Low vegetation cover	No adjacent Water Quality Limited s					
Result:	Wetland's hydrologic contro	l function is lost or not prese	nt distribution				
	Wetland is not within 100 year floodplain	Herbaceous vegetation, no ponding					
Rationale:	Wetland floods/ponds in growing season	Open space downslope of	of development				
	Water has unrestricted flow out of wetland	Agriculture upslope of wetland					
Result:	Wetland is potentially s	ensitive to future impacts					
	Stream modified or isolated wetland	Adjacent land is primar	ily open space				
Rationale:	Water not taken out	Adjacent zoning is primarily developme					
	No adjacent Water Quality Limited streams	Herbaceous vegetation	i, no ponding				
Result:	Wetland has little en	nhancement potential					
	One or more functions lost/not present	Wetland is less than	0.5 acres				
Rationale:	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 appro	priate for educational use	20、10、中国医疗的证				
	No access allowed to wetland	No access point to we	etland exists				
Rationale:	1 or 2 visible safety hazards	Wetland is not limited mo	bility accessible				
	No access or observation of other habitats	TOTAL IND					
Result:	Wetland is not appropriate or d	oes not provide rec. opportui	nities .				
	No access point to wetland exists	Wetland provides habitat f	or some wildlife				
Rationale:	No boat launching can be developed	No fishing is allowed					
	No trails or viewing areas exist	No hunting is al	lowed				
Result:	Wetland is consid	ered to be pleasing	<b>新兴的大学</b>				
	One Cowardin class is visible	Wetland surrounded by la	andscaped areas				
Rationale:	>50% of wetland can be seen	Natural odors present	at wetland				
	Visual detractors present, can be removed	Some traffic and natural ne	oises are present				

(Revised Edition, April 1996)

# Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	Molalla L	WI Wetlan	d: BC-21			
Project Location:	Clackamas County Wetland Type(s		PFO			
Date(s) of field work:	6/6/01	Approx. Area (acres):	0.92			
Onsite Assessment?:	Yes Investigator(s):		PF/SE			
Wetland Location:	South of Main Street					

## **Function and Condition Assessment Answers:**

Wildlife Habitat		Fish Habitat		Water Quality		Hydrologic Control		Sensitivity to Impact	
Q	A	Q	A	Q	A	Q	Α	Q	A
Q-1	A	Q-1		Q-1	В	Q-1	В	Q-1	A
Q-2	A	Q-2		Q-2	В	Q-2	В	Q-2	A
Q-3	В	Q-3		Q-3	A	Q-3	В	Q-3	(
Q-4	C	Q-4	11	Q-4	В	Q-4	C	Q-4	A
Q-5	В	Q-5	-	Q-5	A	Q-5	A	Q-5	A
Q-6	В	Q-6		Q-6	C	Q-6	A	Q-6	A
Q-7	A				- "	Q-7	A		
Q-8	C						-		
Q-9A									
OD	0								

## 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	С	Q-1	В
Q-2	C	Q-2	В	Q-2	C	Q-2	B
Q-3		Q-3	В	Q-3	C	Q-3	C
Q-4	В	Q-4	C	Q-4	В	Q-4	C
Q-5B	$\mathbf{C}$	Q-5	C	Q-5	В	Q-5	A
Q-6	В	Q-6	В	Q-6	В	Q-6	В

tesuits.	
<b>Enhancement Potential</b>	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



Project:	Molalla LWI	Wetland:	BC-21			
Location:	Clackamas County	Approx. Area (acres):	0.92			
Date:	6/6/01	Wetland Types(s):	PFO			
Result:	Wetland provides habit	at for some wildlife species				
	More than one Cowardin class	No adjacent Water Quality limited streams				
Rationale:	Dominated by woody vegetation	Adjacent land is most	tly developed			
	Less than 0.5 acres of open water	Wetland buffer is le	ss than 10%			
Result:	Fish habitat was not a	assessed for this wetland	44年的國際建筑企业			
Rationale:			The Table			
Result:	Wetland's water-quality fun	ection is impacted or degrade	ed and a second			
	Primary water source is precipitation	Surface water connection	to other wetlands			
Rationale:	Can't determine if wetland floods or ponds	Adjacent land is mostly developed				
FERNOR	High wetland vegetation cover	No adjacent Water Quality	y Limited streams			
Result:	Wetland's hydrologic con-	trol is impacted or degraded	num statistics (State			
	Wetland is not within 100 year floodplain	Dominated by wood	y vegetation			
Rationale:	Can't determine if wetland floods or ponds	Development downslo	pe of wetland			
	Water has unrestricted flow out of wetland	Development upslop	e of wetland			
Result:	Wetland is potentially s	ensitive to future impacts				
	Stream modified or isolated wetland	Adjacent land is most	ly developed			
Rationale:	Water is taken out or isolated wetland	Adjacent zoning is primarily developn				
100	No adjacent Water Quality Limited streams	Dominated by woody vegetation				
Result:	Wetland has moderate j	potential for enhancement	<b>"一个人的一个</b>			
	Wetland functions are impacted or degraded	Wetland is between 0.	5 and 5 acres			
Rationale:	Primary water source is precipitation	Wetland buffer is les	ss than 10%			
	Water flow is permanently restricted	Potentially sensitive to	future impacts			
Result:	Wetland site is not appro	opriate for educational use				
na Walter	No access allowed to wetland	No access point to we	etland exists			
Rationale:	1 or 2 visible safety hazards	Wetland is not limited mo	bility accessible			
THE WEST	No access or observation of other habitats					
Result:	Wetland is not appropriate or d	oes not provide rec. opportu	nities			
	No access point to wetland exists	Wetland provides habitat	for some wildlife			
Rationale:	No boat launching can be developed	No fishing is allowed				
	No trails or viewing areas exist	No hunting is allowed				
Result:	Wetland is not ae	sthetically pleasing	· · · · · · · · · · · · · · · · · · ·			
	Two Cowardin classes visible	Wetland surrounded by	development			
Rationale:	25 - 50% of wetland can be seen	Natural odors presen				
	Visual detractors present, can't be removed	Continuous traffic and nat				

(Revised Edition, April 1996)

# **Wetland Assessment Summary Sheet**



Pacific Habitat Services, Inc.

Project Name:	Molalla LWI		Wetland:	BC-22A	
Project Location:	Clackamas County	Wetland Type(s):		PEM	
Date(s) of field work:	6/6/01	Approx. Area (acres):		0.71	
Onsite Assessment?:	Partial Investigator(s):		PF/SE		
Wetland Location:	North of Molalla Forest Road, west of Molalla Ave., south of Hwy 2				

## **Function and Condition Assessment Answers:**

Wildlife Habitat		Fish Habitat		Water Quality		Hydrologic Control		Sensitivity to Impact	
Q	A	Q	A	Q	A	Q	Α	Q	A
Q-1	В	Q-1	С	Q-1	A	Q-1	В	Q-1	A
Q-2	В	Q-2	C	Q-2	A	Q-2	A	Q-2	B
Q-3	C	Q-3	C	Q-3	В	Q-3	C	Q-3	(
Q-4	C	Q-4	A	Q-4	В	Q-4	C	Q-4	A
Q-5	A	Q-5	C	Q-5	A	Q-5	В	Q-5	A
Q-6	A	Q-6	A	Q-6	C	Q-6	В	Q-6	E
Q-7	A					Q-7	В		
Q-8	C				_	0.25			
Q-9A	10								
O OD	0								

## 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	С	Q-1	C	Q-1	C
Q-2	A	Q-2	C	Q-2	C	Q-2	B
Q-3	A	Q-3	В	Q-3	C	Q-3	C
Q-4	C	Q-4	C	Q-4	В	Q-4	C
Q-5B	C	Q-5	C	Q-5	В	Q-5	B
Q-6	B	Q-6	В	Q-6	В	Q-6	B

<b>Enhancement Potential</b>	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



Project:	Molalla LWI	Wetland:	BC-22A					
Location:	Clackamas County	Approx. Area (acres):	0.71					
Date:	6/6/01	Wetland Types(s):	PEM					
Result:	Wetland provides habita	at for some wildlife species						
	One Cowardin class with > 5 species	No adjacent Water Quality limited stream						
Rationale:	Herbaceous vegetation & ponding	Adjacent land is mostly developed						
	Less than 0.5 acres of open water	Wetland buffer is l	ess than 10%					
Result:	Wetland's fish habitat func	tion is impacted or degrade	ed					
	Less than 25% of stream is shaded	No adjacent Water Quali	ty Limited streams					
Rationale:	Stream banks are extensively modified	Adjacent land is mo	stly developed					
	<10% of stream has instream structures	Salmon and/or trout p	resent in stream					
Result:	Wetland's water-quality fun	ction is impacted or degrac	led					
	Primary water source is surface flow	Surface water connection	to other wetlands					
Rationale:	Wetland floods/ponds in growing season	Adjacent land is mos	stly developed					
	Moderate vegetation cover	No adjacent Water Quality Limited st						
Result:	Wetland's hydrologic control is impacted or degraded							
	Wetland is not within 100 year floodplain	Herbaceous vegetati	on & ponding					
Rationale:	Wetland floods/ponds in growing season	Agriculture downslo	pe of wetland					
	Water has unrestricted flow out of wetland							
Result:	Wetland is potentially sensitive to future impacts							
	Stream modified or isolated wetland	Adjacent land is mos	stly developed					
Rationale:	Water not taken out	Adjacent zoning is prima	arily development					
	No adjacent Water Quality Limited streams	Herbaceous vegetati	on & ponding					
Result:	Wetland has moderate p	otential for enhancement	HOUSE BALL OF					
	Wetland functions are impacted or degraded	Wetland is less that	an 0.5 acres					
Rationale:	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 appro	priate for educational use	<b>大学的技术</b>					
	No access allowed to wetland	No access point to v	vetland exists					
Rationale:	More than 2 visible safety hazards	Wetland is not limited m	obility accessible					
	No access or observation of other habitats							
Result:	Wetland is not appropriate or does not provide rec. opportunities							
ne li che	No access point to wetland exists	Wetland provides habitat	for some wildlife					
Rationale:	No boat launching can be developed	No fishing is allowed						
	No trails or viewing areas exist	No hunting is allowed						
Result:	Wetland is not aes	sthetically pleasing	·特别的"					
	One Cowardin class is visible	Wetland surrounded by development						
Rationale:	25 - 50% of wetland can be seen	Unpleasant odors are pr	resent sometimes					
	Visual detractors present, can't be removed	Continuous traffic and na	tural noises occur					

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# Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	Molalla LWI		Vetland:	BC-22B	
Project Location:	Clackamas County	Wetland Type(s	Vetland Type(s): PFO, PC		
Date(s) of field work:	5/1/01, 6/6/01	Approx. Area (acres):		10.64	
Onsite Assessment?:	Partial Investigator(s):		:	PF/SE	
Wetland Location:	North of Molalla Forest Road, west of Molalla Ave., south of Hwy 2				

### **Function and Condition Assessment 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	В	Q-1	A
Q-2	A	Q-2	A	Q-2	A	Q-2	A	Q-2	E
Q-3	A	Q-3	A	Q-3	A	Q-3	A	Q-3	(
Q-4	В	Q-4	A	Q-4	A	Q-4	C	Q-4	F
Q-5	A	Q-5	В	Q-5	В	Q-5	A	Q-5	A
Q-6	A	Q-6	A	Q-6	C	Q-6	A	Q-6	A
Q-7	A					Q-7	A		
Q-8	В				_				
Q-9A									
2 00	140								

## 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		Educa	tion	Recreation		Aesthetic Quality	
Q	A	Q	A	Q	A	Q	A
Q-1		Q-1	C	Q-1	C	Q-1	A
Q-2	-	Q-2	A	Q-2	C	Q-2	C
Q-3	C	Q-3	A	Q-3	C	Q-3	A
Q-4	. 1	Q-4	В	Q-4	A	Q-4	B
Q-5B		Q-5	C	Q-5	В	Q-5	B
Q-6		Q-6	В	Q-6	В	Q-6	A

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		



Project:	Molalla LWI	Wetland:	BC-22B			
Location:	Clackamas County	Approx. Area (acres):	10.64			
Date:	5/1/01, 6/6/01	Wetland Types(s):	PFO, POW			
Result:	Wetland provides d	iverse wildlife habitat				
	More than one Cowardin class	No adjacent Water Qua	lity limited streams			
Rationale:	Dominated by woody vegetation	Adjacent land use is primarily agricult				
	Between 0.5 - 1 acre of open water	Wetland buffer is gr	reater than 40%			
Result:	Wetland's fish hab	itat function is intact				
	50% or more of stream is shaded	No adjacent Water Qual	ity Limited streams			
Rationale:	Stream is in a natural channel	Adjacent land use is pri	imarily agriculture			
	>25% of stream has instream structures	Salmon and/or trout p	present in stream			
Result:	Wetland's water-qu	ality function is intact	<b>阿勒斯——"我想见这一</b>			
	Primary water source is surface flow	Wetland is more than	n 5 acres in size			
Rationale:	Wetland floods/ponds in growing season	Adjacent land use is primarily agriculture				
	High wetland vegetation cover	No adjacent Water Quality Limited stream				
Result:	Wetland's hydrologic	control function is intact	<b>对于1987年1987年1987年</b>			
	Wetland is not within 100 year floodplain	Dominated by woody vegetation				
Rationale:	Wetland floods/ponds in growing season	Development downslope of wetland				
	Water has unrestricted flow out of wetland	Development upslo	pe of wetland			
Result:	Wetland is potentially s	ensitive to future impacts				
	Stream modified or isolated wetland	Adjacent land use is primarily agriculture				
Rationale:	Water not taken out	Adjacent zoning is primarily developmen				
	No adjacent Water Quality Limited streams	Dominated by woo	dy vegetation			
Result:	Due to diverse wildlife habitat,	this wetland cannot be enh	anced			
	the contract of the contract o	1	Mary H.			
Rationale:		a special	Hall Street			
Result:	Wetland site is not appro	opriate for educational use				
	No access allowed to wetland	No access point to	wetland exists			
Rationale:	No visible hazards to public	Wetland is not limited n	nobility accessible			
	Other habitats can be observed not accessed					
Result:	Wetland is not appropriate or d	oes not provide rec. opport	unities			
(大學學家的)	No access point to wetland exists	Wetland provides diverse wildlife habita				
Rationale:	No boat launching can be developed	No fishing is	allowed			
	No trails or viewing areas exist	No hunting is allowed				
Result:	Wetland is consid	ered to be pleasing	是有 现 计编码 。			
	More than two Cowardin classes are visible	Wetland surrounded by landscaped areas				
Rationale:	Less than 25% of wetland can be seen	Unpleasant odors are p	resent sometimes			
	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:	Molalla L'	WI Wetlan	d: BC-22C		
Project Location:	Clackamas County Wetland Type(		PEM		
Date(s) of field work:	OFF-SITE Approx. Area (acres):		3.48		
Onsite Assessment?:	No	Investigator(s):	PF/SE		
Wetland Location:	North of Molalla Forest Road, west of Molalla Ave., south of Hwy				

### **Function and Condition Assessment Answers:**

Wildlife Habitat		Fish Habitat		Water Quality		Hydrologic Control		Sensitivity to Impact	
Q	A	Q	A	Q	A	Q	A	Q	A
Q-1	В	Q-1		Q-1	C	Q-1	В	Q-1	A
Q-2	C	Q-2		Q-2	В	Q-2	В	Q-2	В
Q-3	В	Q-3	-	Q-3	A	Q-3	В	Q-3	C
Q-4	C	Q-4	12.01	Q-4	В	Q-4	C	Q-4	В
Q-5	A	Q-5		Q-5	В	Q-5	C	Q-5	A
Q-6	A	Q-6		Q-6	C	Q-6	В	Q-6	C
Q-7	A				1-	Q-7	В		
Q-8	В								
Q-9A	1 700								
OOD									

#### 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:**

Enhancen Potentia		Educa	tion	Recreation		Aesthetic Quality	
Q	A	Q	A	Q	A	Q	A
Q-1	A	Q-1	C	Q-1	C	Q-1	В
Q-2	В	Q-2	A	Q-2	C	Q-2	A
Q-3		Q-3	В	Q-3	C	Q-3	A
Q-4	B	Q-4	В	Q-4	В	Q-4	В
Q-5B	A	Q-5	C	Q-5	В	Q-5	В
Q-6	В	Q-6	В	Q-6	В	Q-6	В

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



Project:	Molalla LWI	Wetland:	BC-22C		
Location:	Clackamas County	Approx. Area (acres):	3.48		
Date:	OFF-SITE	Wetland Types(s):	PEM		
Result:	Wetland provides habita	at for some wildlife species			
	One Cowardin class with > 5 species	No adjacent Water Quality limited stream			
Rationale:	Herbaceous vegetation, no ponding	Adjacent land use is primarily agricu			
	Less than 0.5 acres of open water	Wetland buffer is grea	iter than 40%		
Result:	Fish habitat was not a	assessed for this wetland	<b>为了,我们是一个人的</b>		
Rationale:		Tankers Manual June	UNITED TO		
Result:	Wetland's water-quality fun	ection is impacted or degrade	ed and a second		
	Primary water source is groundwater	Surface water connection	to other wetlands		
Rationale:	Can't determine if wetland floods or ponds	Adjacent land use is prim	arily agriculture		
	High wetland vegetation cover	No adjacent Water Quality	Limited streams		
Result:	Wetland's hydrologic cont	trol is impacted or degraded	TO THE REPORT OF THE		
	Wetland is not within 100 year floodplain	Herbaceous vegetation, no ponding			
Rationale:	Can't determine if wetland floods or ponds	Agriculture downslop	e of wetland		
	Water has unrestricted flow out of wetland	Agriculture upslope	of wetland		
Result:	Wetland is potentially s	ensitive to future impacts			
	Stream modified or isolated wetland	Adjacent land use is prim	arily agriculture		
Rationale:	Water not taken out	Adjacent zoning is primar	rily development		
	No adjacent Water Quality Limited streams	Herbaceous vegetation	n, no ponding		
Result:	Wetland has high en	nhancement potential			
	Wetland functions are impacted or degraded	Wetland is between 0.	5 and 5 acres		
Rationale:	Primary water source is groundwater	Wetland buffer is grea	ter than 40%		
A STANK	Water flow is permanently restricted	Potentially sensitive to	future impacts		
Result:	Wetland site is not appro	opriate for educational use	SV MARTIN I		
	No access allowed to wetland	No access point to we	etland exists		
Rationale:	No visible hazards to public	Wetland is not limited mo	bility accessible		
	Other habitats can be observed not accessed	7			
Result:	Wetland is not appropriate or d	oes not provide rec. opportu	nities		
	No access point to wetland exists	Wetland provides habitat	for some wildlife		
Rationale:	No boat launching can be developed	No fishing is allowed			
	No trails or viewing areas exist	No hunting is allowed			
Result:	Wetland is consid	ered to be pleasing			
	Two Cowardin classes visible	Wetland surrounded by la	andscaped areas		
Rationale:	>50% of wetland can be seen	Unpleasant odors are pre	sent sometimes		
	No visual detractors are present	Continuous traffic and nat	ural noises occur		

(Revised Edition, April 1996)

# **Wetland Assessment Summary Sheet**



Pacific Habitat Services, Inc.

Project Name:	Molalla L'	WI Wetl	and: BC-22D		
Project Location:	Clackamas County	Clackamas County Wetland Type(s):			
Date(s) of field work:	OFF-SITE	Approx. Area (acre	s): 1.78		
Onsite Assessment?:	No	Investigator(s):	PF/SE		
Wetland Location:	North of Molalla Forest Road, west of Molalla Ave., south of Hwy 2				

## **Function and Condition Assessment Answers:**

Wildli Habit		Fish Habitat		Water H Quality		Hydrol Conti	STATE OF THE PERSON NAMED IN	Sensitivity to Impact	
Q	A	Q	A	Q	A	Q	A	Q	A
Q-1	В	Q-1		Q-1	C	Q-1	В	Q-1	A
Q-2	C	Q-2		Q-2	В	Q-2	В	Q-2	В
Q-3	В	Q-3		Q-3	A	Q-3	В	Q-3	C
Q-4	C	Q-4	200	Q-4	В	Q-4	C	Q-4	B
Q-5	A	Q-5	-00	Q-5	В	Q-5	C	Q-5	A
Q-6	A	Q-6		Q-6	C	Q-6	В	Q-6	C
Q-7	A					Q-7	В		
Q-8	В								
Q-9A	100								
O OR	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 degra	
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		Educa	tion	Recreation		Aestheti Quality	
Q	A	Q	A	Q	A	Q	A
Q-1	A	Q-1	C	Q-1	C	Q-1	В
Q-2	В	Q-2	A	Q-2	C	Q-2	A
Q-3		Q-3	В	Q-3	C	Q-3	A
Q-4	В	Q-4	В	Q-4	В	Q-4	В
Q-5B	A	Q-5	C	Q-5	В	Q-5	В
Q-6	В	Q-6	В	Q-6	В	Q-6	В

<b>Enhancement Potential</b>	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



Project:	Molalla LWI	Wetland:	BC-22D		
Location:	Clackamas County	Approx. Area (acres):	1.78		
Date:	OFF-SITE	Wetland Types(s):	PEM		
Result:	Wetland provides habit	at for some wildlife species	数是品牌。还恢复的		
	One Cowardin class with > 5 species	No adjacent Water Quality	ty limited streams		
Rationale:	Herbaceous vegetation, no ponding	Adjacent land use is prin	narily agriculture		
	Less than 0.5 acres of open water	Wetland buffer is gre	ater than 40%		
Result:	Fish habitat was not a	assessed for this wetland			
	turbos asis turbos turbona turbos a falla	The state of the s	STATE SEED		
Rationale:	The Control of the Co		The state of the s		
Result:	Wetland's water-quality fun	ction is impacted or degrade	ed death and a many of		
	Primary water source is groundwater	Surface water connection			
Rationale:	Can't determine if wetland floods or ponds	Adjacent land use is prin	narily agriculture		
	High wetland vegetation cover	No adjacent Water Quality Limited stre			
Result:		trol is impacted or degraded	STARBOX STARS		
	Wetland is not within 100 year floodplain	Herbaceous vegetation	n, no ponding		
Rationale:	Can't determine if wetland floods or ponds	Agriculture downslop			
	Water has unrestricted flow out of wetland	Agriculture upslope			
Result:	Wetland is potentially s	ensitive to future impacts			
<b>医侧侧性</b> [24]	Stream modified or isolated wetland	Adjacent land use is prin	narily agriculture		
Rationale:	Water not taken out	Adjacent zoning is primarily developme			
	No adjacent Water Quality Limited streams	Herbaceous vegetation			
Result:	Wetland has high e	nhancement potential	<b>用其数据的</b>		
	Wetland functions are impacted or degraded	Wetland is between 0.	5 and 5 acres		
Rationale:	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 appro	opriate for educational use	NAMES OF STREET		
	No access allowed to wetland	No access point to w	etland exists		
Rationale:	No visible hazards to public	Wetland is not limited mo	bility accessible		
19	Other habitats can be observed not accessed				
Result:	Wetland is not appropriate or d	oes not provide rec. opportu	nities		
	No access point to wetland exists	Wetland provides habitat	for some wildlife		
Rationale:	No boat launching can be developed	No fishing is allowed			
	No trails or viewing areas exist	No hunting is a	llowed		
Result:	Wetland is consid	ered to be pleasing			
	Two Cowardin classes visible	Wetland surrounded by l	andscaped areas		
Rationale:	>50% of wetland can be seen	Unpleasant odors are pre	esent sometimes		
	No visual detractors are present	Continuous traffic and nat	ural noises occur		

(Revised Edition, April 1996)

# Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	Molalla L'	WI Wetland:	BC-22E		
Project Location:	Clackamas County	Wetland Type(s):	PEM		
Date(s) of field work:	6/6/01	Approx. Area (acres):	0.27		
Onsite Assessment?:	Yes	Investigator(s):	PF/SE		
Wetland Location:	North of Molalla Forest Road, west of Molalla Ave., south of Hwy 2				

### **Function and Condition Assessment Answers:**

Wildlife Habitat		Fish Habitat	Wat Qual	SERVICE SHOW	Hydrol Conti		Sensiti to Imp	The second secon
Q	A	Q A	Q	A	Q	A	Q	A
Q-1	В	Q-1	Q-1	В	Q-1	В	Q-1	A
Q-2	C	Q-2	Q-2	A	Q-2	A	Q-2	В
Q-3	C	Q-3	Q-3	В	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	В	Q-6	C
Q-7	A				Q-7	В		
Q-8	C			1				
0-9A	21							

#### 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:**

Enhancen Potentia	BALL STREET	Educa	tion	n Recreation		Aesthetic Quality	
Q	A	Q	A	Q	Α	Q	A
Q-1	A	Q-1	C	Q-1	С	Q-1	C
Q-2	C	Q-2	C	Q-2	C	Q-2	B
Q-3	2012	Q-3	В	Q-3	C	Q-3	C
Q-4	C	Q-4	C	Q-4	В	Q-4	C
Q-5B	C	Q-5	C	Q-5	В	Q-5	B
Q-6	В	Q-6	В	Q-6	В	Q-6	В

<b>Enhancement Potential</b>	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



Project:	Molalla LWI	Wetland:	BC-22E				
Location:	Clackamas County	Approx. Area (acres):	0.27				
Date:	6/6/01	Wetland Types(s):	PEM				
Result:	Wetland provides habita	at for some wildlife species	<b>加斯斯斯斯斯斯斯斯斯</b>				
	One Cowardin class with > 5 species	No adjacent Water Quali	ty limited streams				
Rationale:	Herbaceous vegetation, no ponding	Adjacent land is mos	tly developed				
	Less than 0.5 acres of open water	Wetland buffer is le					
Result:	Fish habitat was not a	ssessed for this wetland	作的 使用性性 医性性				
Detionals	At Mile are of the Artifact of		THE STATE OF				
Rationale:		PAGE TO A TO	EN SITE				
Result:	Wetland's water-quality fun	ction is impacted or degrad	ed was a second				
	Primary water source is precipitation	Isolated from othe					
Rationale:	Wetland floods/ponds in growing season	Adjacent land is mos	tly developed				
	Moderate vegetation cover	No adjacent Water Quality Limited stream					
Result:	Wetland's hydrologic control is impacted or degraded						
	Wetland is not within 100 year floodplain	Herbaceous vegetatio	n, no ponding				
Rationale:	Wetland floods/ponds in growing season	Agriculture downslop	oe of wetland				
	Water has unrestricted flow out of wetland	Agriculture upslope of wetland					
Result:	Wetland is potentially s	ensitive to future impacts	W. 自然通信器 经有益				
	Stream modified or isolated wetland	Adjacent land is most	tly developed				
Rationale:	Water not taken out	Adjacent zoning is primarily developme					
	No adjacent Water Quality Limited streams	Herbaceous vegetation	n, no ponding				
Result:	Wetland has moderate p	otential for enhancement	<b>所以自由的</b> 。因为中心				
	Wetland functions are impacted or degraded	Wetland is less tha	n 0.5 acres				
Rationale:	Primary water source is precipitation	Wetland buffer is les	ss than 10%				
	Water flow is permanently restricted	Potentially sensitive to	future impacts				
Result:	Wetland site is not appro	priate for educational use	大型。1783年1月1日				
<b>计算操作</b>	No access allowed to wetland	No access point to w	etland exists				
Rationale:	More than 2 visible safety hazards	Wetland is not limited me	obility accessible				
	No access or observation of other habitats	TO A					
Result:	Wetland is not appropriate or does not provide rec. opportunities						
	No access point to wetland exists	Wetland provides habitat	for some wildlife				
Rationale:	No boat launching can be developed	No fishing is al	llowed				
	No trails or viewing areas exist	No hunting is a	llowed				
Result:	Wetland is not aes	sthetically pleasing					
	One Cowardin class is visible	Wetland surrounded by	development				
Rationale:	25 - 50% of wetland can be seen	Unpleasant odors are pro	esent sometimes				
	Visual detractors present, can't be removed	Continuous traffic and nat	ural noises occur				

(Revised Edition, April 1996)

# **Wetland Assessment Summary Sheet**



Pacific Habitat Services, Inc.

Project Name:	Molalla L'	WI Wetland:	BC-23A		
Project Location:	Clackamas County	Wetland Type(s):	PFO		
Date(s) of field work:	5/1/01, 5/24/01	Approx. Area (acres):	0.25		
Onsite Assessment?:	Yes	Investigator(s):	PF, SE, FS		
Wetland Location:	East of Molalla Avenue, south of 5th Street				

### Function and Condition Assessment Answers:

Wildli Habit		Fish Habitat	Wat Qual	02:02 Sept 10:00	Hydrol Cont		Sensiti to Imp	Elliston and Section 1829
Q	A	Q A	Q	A	Q	A	· · · Q	A
Q-1	A	Q-1	Q-1	C	Q-1	В	Q-1	A
Q-2	A	Q-2	Q-2	C	Q-2	C	Q-2	В
Q-3	C	Q-3	Q-3	A	Q-3	C	Q-3	C
Q-4	C	Q-4	Q-4	В	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			_		- M		
Q-9A	200							
Q-9B	В							

## 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		Educa	tion	Recreation		Aesthetic Quality	
Q	A	Q	A	Q	A	Q	A
Q-1	A	Q-1	В	Q-1	В	Q-1	C
Q-2	В	Q-2	A	Q-2	C	Q-2	В
Q-3	153	Q-3	В	Q-3	В	Q-3	В
Q-4	C	Q-4	В	Q-4	В	Q-4	B
Q-5B	В	Q-5	В	Q-5	В	Q-5	A
Q-6	В	Q-6	A	Q-6	В	Q-6	A

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



Project:	Molalla LWI	Wetland:	BC-23A				
Location:	Clackamas County	Approx. Area (acres):	0.25				
Date:	5/1/01, 5/24/01	Wetland Types(s):	PFO				
Result:	Wetland provides habita	at for some wildlife species					
是多格。	More than one Cowardin class	No adjacent Water Quality limited streams					
Rationale:	Dominated by woody vegetation	Adjacent land is mos	tly developed				
	Less than 0.5 acres of open water	Wetland buffer is between	en 10% and 40%				
Result:	Fish habitat was not a	ssessed for this wetland	国创造的数据的影响				
Rationale:	E SE PROPERTY AND A SERVICE	Court Strategy Court	remarks.				
Result:	Wetland's water-quality fun	ction is impacted or degrad	ed				
ACSUIT.	Primary water source is groundwater	Surface water connection					
Rationale:	Wetland does not flood or pond	Adjacent land is mos	The second secon				
Rationale.	High wetland vegetation cover						
Result:	High wetland vegetation cover No adjacent Water Quality Limited stre  Wetland's hydrologic control is impacted or degraded						
Kesuit.	Wetland is not within 100 year floodplain	Dominated by wood					
Rationale:	Wetland does not flood or pond	Development downslope of wetland					
Rationale.	Water has unrestricted flow out of wetland						
Result:		Wetland is potentially sensitive to future impacts  Output  Development upslope of wetland					
Resurt.	Stream modified or isolated wetland	Adjacent land is most	ly developed				
Rationale:	Water not taken out	<del></del>					
Kationaie.	No adjacent Water Quality Limited streams	Adjacent zoning is primarily development  Dominated by woody vegetation					
Result:		nhancement potential	yvegetation				
Result.	Wetland functions are impacted or degraded	Wetland is less tha	n () 5 acres				
Rationale:	Primary water source is groundwater	Wetland buffer is between	Control of the Contro				
Rationale.	Water flow is permanently restricted	Potentially sensitive to					
Result:		al for educational use	Tuture impuets				
TCSUIT.	Wetland access by landowner permission	Unmaintained public acce	ss within 250 feet				
Rationale:	No visible hazards to public	Wetland is limited mob					
	Other habitats can be observed not accessed	Wettand is immed mee	inty decessions				
Result:	Wetland has the potential to	provide recreational activiti	es				
	Unmaintained public access within 250 feet	Wetland provides habitat					
Rationale:	No boat launching can be developed	No fishing is a					
Teneronare:	Unmaintained trails, viewing areas exist	No hunting is a					
Result:		o be moderately pleasing					
We did not	One Cowardin class is visible	Wetland surrounded by I	andscaped areas				
Rationale:	25 - 50% of wetland can be seen	Natural odors presen					
zacionaic.	Visual detractors present, can be removed	Some traffic and natural r					
areas and the second	risual deliacions present, can be removed	Joine traine and natural i	o.cco are present				

(Revised Edition, April 1996)

# Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	Molalla L'	WI Wetland:	BC-23B		
Project Location:	Clackamas County	Wetland Type(s):	PEM		
Date(s) of field work:	OFF-SITE	Approx. Area (acres):	0.14		
Onsite Assessment?:	No Investigator(s):		PF		
Wetland Location:	East of Molalla Avenue, south of 5th Street				

## **Function and Condition Assessment Answers:**

Wildli Habit	SELECTION OF SELEC	Fish Habita	t	Wat Qual	CONTRACTOR !	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	В	Q-1	A
Q-2	C	Q-2	-	Q-2	В	Q-2	В	Q-2	A
Q-3	C	Q-3	10/2	Q-3	C	Q-3	C	Q-3	C
Q-4	C	Q-4	122	Q-4	C	Q-4	C	Q-4	A
Q-5	В	Q-5		Q-5	A	Q-5	C	Q-5	A
Q-6	В	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:

PROPERTY OF THE PARTY OF THE PA	Enhancement Potential		tion	Recreation		Aesthetic Quality	
Q	A	Q	A	Q	A	Q	A
Q-1	В	Q-1	C	Q-1	C	Q-1	С
Q-2	В	Q-2	В	Q-2	C	Q-2	A
Q-3		Q-3	В	Q-3	C	Q-3	C
Q-4	C	Q-4	C	Q-4	В	Q-4	C
Q-5B	C	Q-5	C	Q-5	В	Q-5	A
Q-6	В	Q-6	В	Q-6	В	Q-6	A

<b>Enhancement Potential</b>	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 not aesthetically pleasing



Project:	Molalla LWI	Wetland:	BC-23B					
Location:	Clackamas County	Approx. Area (acres):	0.14					
Date:	OFF-SITE	Wetland Types(s):	PEM					
Result:	Wetland provides habit	at for some wildlife species	的場份制度。但此					
	One Class with less than 5 species	No adjacent Water Quality limited streams						
Rationale:	Herbaceous vegetation, no ponding	Adjacent land is mostly developed						
5個學型影響	Less than 0.5 acres of open water	Wetland buffer is le	ss than 10%					
Result:	Fish habitat was not a	assessed for this wetland						
Detisosla			The Paris I					
Rationale:	Reference to the second second		No. of the last					
Result:	Wetland's water-quality f	unction is lost or not present	Philipping A.A.					
	Primary water source is groundwater	Isolated from othe						
Rationale:	Can't determine if wetland floods or ponds	Adjacent land is mos	tly developed					
	Low vegetation cover	No adjacent Water Quality Limited str						
Result:		Wetland's hydrologic control is impacted or degraded						
	Wetland is not within 100 year floodplain	Herbaceous vegetatio						
Rationale:	Can't determine if wetland floods or ponds	Development downslo						
	Water has unrestricted flow out of wetland	Development upslope of wetland						
Result:	Wetland is potentially s	ensitive to future impacts	<b>维数的数据 到于在</b> 证					
	Stream modified or isolated wetland	Adjacent land is most	ly developed					
Rationale:	Water is taken out or isolated wetland	Adjacent zoning is primarily developme						
	No adjacent Water Quality Limited streams	Herbaceous vegetation	n, no ponding					
Result:	Wetland has little e	nhancement potential	<b>阿沙</b> 斯克斯特,2世纪					
	One or more functions lost/not present	Wetland is less tha	n 0.5 acres					
Rationale:	Primary water source is groundwater	Wetland buffer is le	ss than 10%					
	Water flow is permanently restricted	Potentially sensitive to	future impacts					
Result:	Wetland site is not appro	opriate for educational use	機能等。而經濟學的					
	No access allowed to wetland	No access point to w	etland exists					
Rationale:	1 or 2 visible safety hazards	Wetland is not limited me	bility accessible					
	No access or observation of other habitats	TO H C						
Result:	Wetland is not appropriate or d	oes not provide rec. opportu	nities					
	No access point to wetland exists	Wetland provides habitat	for some wildlife					
Rationale:	No boat launching can be developed	No fishing is allowed						
	No trails or viewing areas exist	No hunting is a	llowed					
Result:	Wetland is not ae	sthetically pleasing						
	One Cowardin class is visible	Wetland surrounded by	development					
Rationale:	>50% of wetland can be seen	Natural odors presen						
	Visual detractors present, can't be removed	Some traffic and natural n	oises are present					

(Revised Edition, April 1996)

# Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	Molalla LV	WI Wetland:	BC-23C		
Project Location:	Clackamas County	Wetland Type(s):	PEM		
Date(s) of field work:	OFF-SITE	Approx. Area (acres):	3.49		
Onsite Assessment?:	No	Investigator(s):	PF		
Wetland Location:	East of Molalla Avenue, south of 5th Street				

### Function and Condition Assessment Answers:

Wildlife Habitat		Fish Habitat		Water Quality		Hydrologic Control		Sensitivity to Impact	
Q	A	Q	A	Q	A	Q	A	Q	A
Q-1	В	Q-1		Q-1	C	Q-1	В	Q-1	A
Q-2	C	Q-2		Q-2	A	Q-2	A	Q-2	B
Q-3	C	Q-3	37	Q-3	В	Q-3	В	Q-3	C
Q-4	C	Q-4	the root	Q-4	В	Q-4	C	Q-4	A
Q-5	В	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				1				
Q-9A									

## 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	В	Q-2	В	Q-2	C	Q-2	A
Q-3		Q-3	В	Q-3	C	Q-3	C
Q-4	В	Q-4	C	Q-4	В	Q-4	C
Q-5B	C	Q-5	C	Q-5	В	Q-5	A
Q-6	В	Q-6	В	Q-6	В	Q-6	A

<b>Enhancement Potential</b>	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		



Project:	Molalla LWI	Wetland:	BC-23C	
Location:	Clackamas County	Approx. Area (acres):	3.49	
Date:	OFF-SITE	Wetland Types(s):	PEM	
Result:	Wetland provides habita	at for some wildlife species		
	One Cowardin class with > 5 species	No adjacent Water Quality limited stream		
Rationale:	Herbaceous vegetation, no ponding	Adjacent land is most	ly developed	
	Less than 0.5 acres of open water	Wetland buffer is les	ss than 10%	
Result:	Fish habitat was not a	ssessed for this wetland		
Rationale:				
Result:	Wetland's water-quality fun	ction is impacted or degrade	d	
	Primary water source is groundwater	Surface water connection		
Rationale:	Wetland floods/ponds in growing season	Adjacent land is most	ly developed	
	Moderate vegetation cover	No adjacent Water Quality		
Result:	Wetland's hydrologic cont	rol is impacted or degraded	是在MULKSF-在40	
	Wetland is not within 100 year floodplain	Herbaceous vegetation	n, no ponding	
Rationale:	Wetland floods/ponds in growing season	Development downslope of wetlan		
	Water has unrestricted flow out of wetland	Development upslope	e of wetland	
Result:	Wetland is potentially s	ensitive to future impacts		
	Stream modified or isolated wetland	Adjacent land is most	ly developed	
Rationale:	Water not taken out	Adjacent zoning is primar	ily development	
	No adjacent Water Quality Limited streams	Herbaceous vegetation	, no ponding	
Result:	Wetland has high en	nhancement potential		
	Wetland functions are impacted or degraded	Wetland is between 0.	5 and 5 acres	
Rationale:	Primary water source is groundwater	Wetland buffer is les	s than 10%	
	Water flow is permanently restricted	Potentially sensitive to	future impacts	
Result:	Wetland site is not appro	priate for educational use	<b>《李传》,这里</b>	
	No access allowed to wetland	No access point to we	etland exists	
Rationale:	1 or 2 visible safety hazards	Wetland is not limited mo		
學是是	No access or observation of other habitats	F 1		
Result:	Wetland is not appropriate or d	oes not provide rec. opportu	nities	
	No access point to wetland exists	Wetland provides habitat f	or some wildlife	
Rationale:	No boat launching can be developed	No fishing is al	lowed	
	No trails or viewing areas exist	No hunting is al	lowed	
Result:	Wetland is not ae	sthetically pleasing	<b>人类特别的工具</b>	
	One Cowardin class is visible	Wetland surrounded by	development	
Rationale:	>50% of wetland can be seen	Natural odors present		
E HAM IN STREET	Visual detractors present, can't be removed	Some traffic and natural n	oises are present	

(Revised Edition, April 1996)

# Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	Molalla LWI Wetlan			BC-23D		
Project Location:	Clackamas County Wetland Type(s):		1,46	PEM		
Date(s) of field work:	OFF-SITE	Approx. Area (acres):		6.77		
Onsite Assessment?:	No Investigator(s):		PF			
Wetland Location:	East of Molalla Avenue, south of 5th Street					

## **Function and Condition Assessment Answers:**

Wildlife Habitat		Fish Habitat		Water Quality		Hydrologic Control		Sensitivity to Impact	
Q	A	Q	A	Q	A	Q	A	Q	A
Q-1	В	Q-1		Q-1	C	Q-1	В	Q-1	A
Q-2	C	Q-2		Q-2	В	Q-2	В	Q-2	B
Q-3	В	Q-3		Q-3	В	Q-3	A	Q-3	C
Q-4	C	Q-4	17 - 10	Q-4	A	Q-4	C	Q-4	A
Q-5	В	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				- 45				
Q-9A	50.0								

## 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:**

Enhancen Potentia		Educa			Recreation		etic ity
Q	A	Q	A	Q	$\mathbf{A} \cdot \mathbf{A}'$	Q	A
Q-1	A	Q-1	C	Q-1	C	Q-1	C
Q-2	В	Q-2	В	Q-2	C	Q-2	A
Q-3	DIGO.	Q-3	В	Q-3	C	Q-3	C
Q-4	A	Q-4	C	Q-4	В	Q-4	C
Q-5B	$\boldsymbol{C}$	Q-5	C	Q-5	В	Q-5	A
Q-6	В	Q-6	В	Q-6	В	Q-6	A

<b>Enhancement Potential</b>	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



Project:	Molalla LWI	Wetland:	BC-23D			
Location:	Clackamas County	Approx. Area (acres):	6.77			
Date:	OFF-SITE	Wetland Types(s):	PEM			
Result:	Wetland provides habita	nt for some wildlife species	计编制 特别			
	One Cowardin class with > 5 species	No adjacent Water Quality limited stream				
Rationale:	Herbaceous vegetation, no ponding	Adjacent land is mos	tly developed			
<b>可能性理能</b>	Less than 0.5 acres of open water	Wetland buffer is le	ss than 10%			
Result:	Fish habitat was not a	ssessed for this wetland	性的政治学业企业企业			
Rationale:	DESCRIPTION OF THE PROPERTY OF THE	The state of the s				
	and the second second	the state of the s	Sandy College			
Result:	Wetland's water-quality fun					
	Primary water source is groundwater	Wetland is more than				
Rationale:	Can't determine if wetland floods or ponds	Adjacent land is mos				
	Moderate vegetation cover	No adjacent Water Quality Limited str				
Result:	Wetland's hydrologic cont	rol is impacted or degraded	周期的 经营营 人名德			
	Wetland is not within 100 year floodplain	Herbaceous vegetation, no ponding				
Rationale:	Can't determine if wetland floods or ponds	Development downslope of wetland				
	Water has unrestricted flow out of wetland					
Result:	Wetland is potentially s	ensitive to future impacts	Magazie de la compa			
	Stream modified or isolated wetland	Adjacent land is mos	tly developed			
Rationale:	Water not taken out	Adjacent zoning is primarily developm				
<b>对外是</b>	No adjacent Water Quality Limited streams	Herbaceous vegetatio	n, no ponding			
Result:	Wetland has high er	nhancement potential				
	Wetland functions are impacted or degraded	Wetland is greater t	han 5 acres			
Rationale:	Primary water source is groundwater	Wetland buffer is le	ss than 10%			
	Water flow is permanently restricted	Potentially sensitive to	future impacts			
Result:	Wetland site is not appro	priate for educational use				
<b>国</b> 英国的特别	No access allowed to wetland	No access point to w	etland exists			
Rationale:	1 or 2 visible safety hazards	Wetland is not limited me	obility accessible			
	No access or observation of other habitats					
Result:	Wetland is not appropriate or de	oes not provide rec. opportu	nities			
	No access point to wetland exists	Wetland provides habitat for some wildl				
Rationale:	No boat launching can be developed					
A Sugar	No trails or viewing areas exist	No hunting is allowed				
Result:	Wetland is not aes	sthetically pleasing	<b>非洲猫们的用品类</b> 。			
	One Cowardin class is visible	Wetland surrounded by	y development			
Rationale:	>50% of wetland can be seen	Natural odors presen	t at wetland			
	Visual detractors present, can't be removed	Some traffic and natural noises are present				

(Revised Edition, April 1996)

# Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	Molalla L'	WI Wetland:	BC-23E		
Project Location:	Clackamas County	ackamas County Wetland Type(s):			
Date(s) of field work:	OFF-SITE	Approx. Area (acres):	3.84		
Onsite Assessment?:	No	Investigator(s):	PF		
Wetland Location:	East of Molalla Avenue, south of 5th Street				

### Function and Condition Assessment Answers:

Wildlife Habitat		Fish Habitat		Water Quality		Hydrologic Control		Sensitivity to Impact	
Q	A	Q	A	Q	A	Q	A	Q	A
Q-1	A	Q-1		Q-1	C	Q-1	В	Q-1	A
Q-2	A	Q-2		Q-2	В	Q-2	В	Q-2	В
Q-3	В	Q-3		Q-3	A	Q-3	В	Q-3	C
Q-4	C	Q-4	1	Q-4	В	Q-4	C	Q-4	A
Q-5	В	Q-5	520	Q-5	A	Q-5	A	Q-5	A
Q-6	В	Q-6		Q-6	C	Q-6	A	Q-6	A
Q-7	A					Q-7	Α		
Q-8	C				-		-10:1		

## 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:

Enhancen Potentia	<b>9000月日日第</b> 市	Educa	tion	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	В	Q-2	В	Q-2	C	Q-2	A
Q-3	11-11	Q-3	В	Q-3	C	Q-3	C
Q-4	В	Q-4	C	Q-4	В	Q-4	C
Q-5B	C	Q-5	C	Q-5	В	Q-5	A
0-6	В	Q-6	В	Q-6	В	Q-6	A

<b>Enhancement Potential</b>	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	



Project:	Molalla LWI	Wetland:	BC-23E		
Location:	Clackamas County	Approx. Area (acres):	3.84		
Date:	OFF-SITE	Wetland Types(s):	PFO/PSS		
Result:	Wetland provides habit	at for some wildlife species	<b>"我们的"。</b>		
	More than one Cowardin class	No adjacent Water Qualit	y limited streams		
Rationale:	Dominated by woody vegetation	Adjacent land is mos	tly developed		
	Less than 0.5 acres of open water	Wetland buffer is le	ss than 10%		
Result:	Fish habitat was not a	assessed for this wetland	<b>对自由的生产的企业</b>		
		the same of the same of the	to the same of the		
Rationale:	1.44.6.1. 人,宋 五元帝中国	A DESCRIPTION OF THE PERSON OF	E N. O'E		
P P A LANGE	Wall-All-All-All-C				
Result:		Surface water connection			
D.	Primary water source is groundwater				
Rationale:	Can't determine if wetland floods or ponds	Adjacent land is most			
THE STATE OF	High wetland vegetation cover No adjacent Water Quality Limited				
Result:		trol is impacted or degraded			
	Wetland is not within 100 year floodplain	Dominated by wood			
Rationale:	Can't determine if wetland floods or ponds	Development downslo			
<b>北京</b>	Water has unrestricted flow out of wetland	Development upslop	e of wetland		
Result:		sensitive to future impacts			
· 大阪工工工工工	Stream modified or isolated wetland	Adjacent land is most			
Rationale:	Water not taken out	Adjacent zoning is prima			
	No adjacent Water Quality Limited streams	Dominated by wood	y vegetation		
Result:		nhancement potential			
	Wetland functions are impacted or degraded	Wetland is between 0.			
Rationale:	Primary water source is groundwater	Wetland buffer is les	THE RESIDENCE OF THE SERVE		
<b>国际基本企</b>	Water flow is permanently restricted	Potentially sensitive to	future impacts		
Result:		opriate for educational use	<b>发发生。从上的数数</b> 多数		
	No access allowed to wetland	No access point to we			
Rationale:	1 or 2 visible safety hazards	Wetland is not limited mo	bility accessible		
	No access or observation of other habitats				
Result:	Wetland is not appropriate or d				
	No access point to wetland exists	Wetland provides habitat			
Rationale:	No boat launching can be developed	No fishing is al			
	No trails or viewing areas exist	No hunting is a	llowed		
Result:	Wetland is not ae	sthetically pleasing	860年1月1日 11日本		
	One Cowardin class is visible	Wetland surrounded by	development		
Rationale:	>50% of wetland can be seen	Natural odors presen			
	Visual detractors present, can't be removed	Some traffic and natural n	oises are present		

(Revised Edition, April 1996)

# Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	Molalla L'	WI Wetland:	BC-23F			
Project Location:	Clackamas County	Wetland Type(s):	PEM/PSS			
Date(s) of field work:	OFF-SITE	Approx. Area (acres):	5.89			
Onsite Assessment?:	No	Investigator(s):	PF			
Wetland Location:	East of Molalla Avenue, south of 5th Street					

## **Function and Condition Assessment Answers:**

Wildli Habit	COLUMN TO THE REAL PROPERTY.	Fish Habita	t	Wat Qual	COLUMN TO SERVICE AND ADDRESS OF THE PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS OF	Hydrol Cont	200 Per 200 Pe	Sensiti to Im	P90000 549
Q	A	Q	A	Q	A	Q	A	Q	A
Q-1	A	Q-1	esh-1	Q-1	C	Q-1	В	Q-1	A
Q-2	C	Q-2	-5	Q-2	В	Q-2	В	Q-2	В
Q-3	C	Q-3	75	Q-3	A	Q-3	A	Q-3	C
Q-4	C	Q-4	100	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	Α	Q-6	C
Q-7	A					Q-7	A		
Q-8	C				_				
Q-9A	raga o								

## 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:**

Enhancen Potenti		Educa	tion	Recrea	tion	Aesth Qual	
$\mathbf{Q}$	A	Q	A	Q	$\mathbf{A} \cdot \mathbf{A}$	Q	A
Q-1	A	Q-1	C	Q-1	C	Q-1	C
Q-2	В	Q-2	В	Q-2	C	Q-2	A
Q-3		Q-3	В	Q-3	C	Q-3	C
Q-4	A	Q-4	C	Q-4	В	Q-4	C
Q-5B	C	Q-5	C	Q-5	В	Q-5	A
Q-6	В	Q-6	В	Q-6	В	Q-6	A

<b>Enhancement Potential</b>	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		



Project:	Molalla LWI	Wetland:	BC-23F				
Location:	Clackamas County	Approx. Area (acres):	5.89				
Date:	OFF-SITE	Wetland Types(s):	PEM/PSS				
Result:	Wetland provides habit	at for some wildlife species	<b>以其作品"国际通知"</b>				
	More than one Cowardin class	No adjacent Water Quality limited streams					
Rationale:	Herbaceous vegetation, no ponding	Adjacent land is mos	tly developed				
	Less than 0.5 acres of open water	Wetland buffer is le	ess than 10%				
Result:	Fish habitat was not a	assessed for this wetland	學的學數學學學學				
Rationale:	THE A WILLIAM TO SELECT		Andrew Control				
David.							
Result:	Wetland's water-quality fun						
	Primary water source is groundwater	Wetland is more than					
Rationale:	Can't determine if wetland floods or ponds	Adjacent land is mos					
	High wetland vegetation cover	No adjacent Water Quality Limited stream					
Result:	Wetland's hydrologic control is impacted or degraded						
	Wetland is not within 100 year floodplain	Herbaceous vegetatio					
Rationale:	Can't determine if wetland floods or ponds	Development downslo					
	Water has unrestricted flow out of wetland	Development upslop	e of wetland				
Result:		ensitive to future impacts					
	Stream modified or isolated wetland	Adjacent land is mos					
Rationale:	Water not taken out	Adjacent zoning is prima					
1 法被控制证	No adjacent Water Quality Limited streams	Herbaceous vegetatio	n, no ponding				
Result:		nhancement potential					
	Wetland functions are impacted or degraded	Wetland is greater t					
Rationale:	Primary water source is groundwater	Wetland buffer is le	-201 dammar (nep 202				
	Water flow is permanently restricted	Potentially sensitive to	future impacts				
Result:		priate for educational use					
	No access allowed to wetland	No access point to w	etland exists				
Rationale:	1 or 2 visible safety hazards	Wetland is not limited me	obility accessible				
	No access or observation of other habitats	3 11 10 1					
Result:	Wetland is not appropriate or d	oes not provide rec. opportu	nities				
	No access point to wetland exists	Wetland provides habitat	for some wildlife				
Rationale:	No boat launching can be developed	No fishing is allowed					
	No trails or viewing areas exist	No hunting is allowed					
Result:	Wetland is not ae	sthetically pleasing	<b>自构造</b> 和加入性。有				
	One Cowardin class is visible	Wetland surrounded by	y development				
Rationale:	>50% of wetland can be seen	Natural odors presen	it at wetland				
	Visual detractors present, can't be removed	Some traffic and natural r	noises are present				

# Oregon Freshwater Wetland Assessment Methodology (Revised Edition, April 1996)

# Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	Molalla L'	WI Wetla	nd: BC-23G			
Project Location:	Clackamas County Wetland Type(s):		PEM/PFO			
Date(s) of field work:	OFF-SITE	Approx. Area (acres	2.82			
Onsite Assessment?:	No	Investigator(s):	PF			
Wetland Location:	East of Molalla Avenue, south of 5th Street					

**Function and Condition Assessment Answers:** 

Wildli Habit				Hydrologic Control		ivity pact			
Q	A	Q	$\mathbf{A}$	Q	A	Q	Α	Q	A
Q-1	C	Q-1	В	Q-1	A	Q-1	В	Q-1	A
Q-2	C	Q-2	A	Q-2	A	Q-2	A	Q-2	B
Q-3	C	Q-3	C	Q-3	В	Q-3	В	Q-3	C
Q-4	$\mathbf{C}$	Q-4	A	Q-4	В	Q-4	C	Q-4	A
Q-5	A	Q-5	C	Q-5	A	Q-5	C	Q-5	A
Q-6	A	Q-6	A	Q-6	C	Q-6	A	Q-6	C
Q-7	A	* - " "		3	-	Q-7	A		
Q-8	C				1				
Q-9A	1 (21)								

## 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		Educa	tion	Recrea	tion	Aesthetic Quality	
Q	A	Q	A	Q	$\mathbf{A}$	Q	Α
Q-1	A	Q-1	C	Q-1	C	Q-1	C
Q-2	A	Q-2	В	Q-2	C	Q-2	A
Q-3	Eq. 1 W	Q-3	В	Q-3	C	Q-3	C
Q-4	В	Q-4	C	Q-4	В	Q-4	$\mathbf{C}$
Q-5B	В	Q-5	C	Q-5	В	Q-5	A
Q-6	В	Q-6	В	Q-6	В	Q-6	A

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		



Project:	Molalla LWI	Wetland:	BC-23G				
Location:	Clackamas County	Approx. Area (acres):	2.82				
Date:	OFF-SITE	Wetland Types(s):	PEM/PFO				
Result:	Wetland provides habita	nt for some wildlife species	2000年1月1日				
	One Class with less than 5 species	No adjacent Water Qual	ity limited streams				
Rationale:	Herbaceous vegetation, no ponding	Adjacent land is mo	stly developed				
	Less than 0.5 acres of open water	Wetland buffer is between	een 10% and 40%				
Result:	Wetland's fish habitat func	tion is impacted or degrad	ed				
	25-50% of stream is shaded	No adjacent Water Quali	ty Limited streams				
Rationale:	Stream is in a natural channel	Adjacent land is mo	stly developed				
	<10% of stream has instream structures	Salmon and/or trout p	resent in stream				
Result:	Wetland's water-quality fun	ction is impacted or degrac	led All All All All All All All All All Al				
	Primary water source is surface flow	Surface water connection	n to other wetlands				
Rationale:	Wetland floods/ponds in growing season	Adjacent land is mo	stly developed				
	Moderate vegetation cover	No adjacent Water Quality Limited stream					
Result:	Wetland's hydrologic control is impacted or degraded						
285 A	Wetland is not within 100 year floodplain	Herbaceous vegetation	on, no ponding				
Rationale:	Wetland floods/ponds in growing season	Development downslope of wetland					
	Water has unrestricted flow out of wetland	Development upslo	pe of wetland				
Result:	Wetland is potentially s	ensitive to future impacts	(1) 网络神经				
	Stream modified or isolated wetland	Adjacent land is mos	stly developed				
Rationale:	Water not taken out	Adjacent zoning is primarily developme					
<b>新疆</b>	No adjacent Water Quality Limited streams	Herbaceous vegetation	on, no ponding				
Result:	Wetland has high er	hancement potential	(1) 1970 <b>年</b> 西南北部				
	Wetland functions are impacted or degraded	Wetland is between (	0.5 and 5 acres				
Rationale:	Primary water source is surface flow	Wetland buffer is between	en 10% and 40%				
	Water flow is permanently restricted	Potentially sensitive to	future impacts				
Result:	Wetland site is not appro	priate for educational use	STALL WITH SELECT				
	No access allowed to wetland	No access point to v	vetland exists				
Rationale:	1 or 2 visible safety hazards	Wetland is not limited m	nobility accessible				
	No access or observation of other habitats	The state of the s					
Result:	Wetland is not appropriate or de	oes not provide rec. opport	unities				
27年美国	No access point to wetland exists	Wetland provides habitat	for some wildlife				
Rationale:	No boat launching can be developed	No fishing is allowed					
	No trails or viewing areas exist	No hunting is	allowed				
Result:	Wetland is not aes	sthetically pleasing					
	One Cowardin class is visible	Wetland surrounded b	y development				
Rationale:	>50% of wetland can be seen	Natural odors prese	nt at wetland				
TANK TO THE RESERVE OF THE PERSON OF THE PER	Visual detractors present, can't be removed	Some traffic and natural	noises are present				

(Revised Edition, April 1996)

# Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	Molalla L'	WI Wetland:	BC-24A			
Project Location:	Clackamas County	Wetland Type(s):	PFO			
Date(s) of field work:	5/24/01	Approx. Area (acres):	0.73			
Onsite Assessment?:	Yes Investigator(s):		SE/FS			
Wetland Location:	South of East 7th Street, west of Mathias Court					

## **Function and Condition Assessment Answers:**

Wildlife Habitat		Fish Habitat		Wat Qual	THE R. LEWIS CO., LANSING, MICH.	THE RESERVE OF THE PARTY OF THE	Hydrologic Sensitivi Control to Impa		March Street and Grant
Q	A	Q	A	Q	A	Q	A	Q	A
Q-1	A	Q-1		Q-1	В	Q-1	В	Q-1	A
Q-2	A	Q-2		Q-2	A	Q-2	A	Q-2	В
Q-3	C	Q-3	2 11	Q-3	A	Q-3	В	Q-3	C
Q-4	C	Q-4		Q-4	В	Q-4	C	Q-4	C
Q-5	В	Q-5	195	Q-5	C	Q-5	A	Q-5	A
Q-6	A	Q-6		Q-6	C	Q-6	C	Q-6	A
Q-7	A					Q-7	A	No.	
Q-8	A				_				
Q-9A	11								

## 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		Educa	tion	Recreation		Aesthetic Quality	
Q	A	Q	A	Q	A	Q	A
Q-1	A	Q-1	В	Q-1	В	Q-1	A
Q-2	C	Q-2	A	Q-2	C	Q-2	B
Q-3	12 150	Q-3	B	Q-3	C	Q-3	A
Q-4	В	Q-4	В	Q-4	В	Q-4	A
Q-5B	В	Q-5	В	Q-5	В	Q-5	A
Q-6	В	Q-6	В	Q-6	В	Q-6	A

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



Project:	Molalla LWI	Wetland:	BC-24A				
Location:	Clackamas County	Approx. Area (acres):	0.73				
Date:	5/24/01	Wetland Types(s):	PFO				
Result:	Wetland provides habita	at for some wildlife species	<b>计图像图象</b>				
	More than one Cowardin class	No adjacent Water Quality limited stream					
Rationale:	Dominated by woody vegetation	Adjacent land is prima	rily open space				
	Less than 0.5 acres of open water	Wetland buffer is between	en 10% and 40%				
Result:	Fish habitat was not assessed for this wetland						
Rationale:	part in a standard in the field	Police of the Control					
	The sale of the sale of the	Same Self September 5	P. Charles				
Result:		ality function is intact	<b>可是其他的</b>				
	Primary water source is precipitation	Surface water connection					
Rationale:	Wetland floods/ponds in growing season	Adjacent land is primar					
	High wetland vegetation cover	No adjacent Water Quality Limited stre					
Result:		rol is impacted or degraded					
	Wetland is not within 100 year floodplain	Dominated by wood					
Rationale:	Wetland floods/ponds in growing season	Open space downslope					
	Water has unrestricted flow out of wetland Development upslope of wetland						
Result:	Wetland is potentially s	ensitive to future impacts	四面是1985年1970年				
	Stream modified or isolated wetland	Adjacent land is primar	rily open space				
Rationale:	Water not taken out	Adjacent zoning is primarily developme					
<b>和推销的</b> 。	No adjacent Water Quality Limited streams	Dominated by wood	y vegetation				
Result:	Wetland has high er	nhancement potential	GENERAL STATE				
	Wetland functions are impacted or degraded	Wetland is between 0.	5 and 5 acres				
Rationale:	Primary water source is precipitation	Wetland buffer is between	en 10% and 40%				
4. 本有一种	Water flow is permanently restricted	Potentially sensitive to	future impacts				
Result:	Wetland has potenti	al for educational use	har land to the				
	Wetland access by landowner permission	Unmaintained public acce	ss within 250 feet				
Rationale:	No visible hazards to public	Wetland is not limited mo	bility accessible				
	Other habitats can be observed not accessed						
Result:	Wetland has the potential to	provide recreational activiti	es				
	Unmaintained public access within 250 feet	Wetland provides habitat	for some wildlife				
Rationale:	No boat launching can be developed	No fishing is al	lowed				
	No trails or viewing areas exist	No hunting is a	llowed				
Result:	Wetland is consid	ered to be pleasing					
	More than two Cowardin classes are visible	Wetland surrounded by	natural areas				
Rationale:	25 - 50% of wetland can be seen	Natural odors presen					
	No visual detractors are present	Some traffic and natural n					

(Revised Edition, April 1996)

# Wetland Assessment Summary Sheet



Pacific Habitat Services, Inc.

Project Name:	Molalla L'	WI Wetland	l: BC-24B		
Project Location:	Clackamas County	Wetland Type(s):	PEM		
Date(s) of field work:	5/24/01	Approx. Area (acres):	1.08		
Onsite Assessment?:	Yes	Investigator(s):	SE/FS		
Wetland Location:	South of East 7th Street, west of Mathias Court				

## **Function and Condition Assessment Answers:**

Wildlife Habitat		Fish Habitat		Water Quality		Hydrologic Control		Sensitivity to Impact	
Q	A	Q	A	Q	A	Q	A	Q	A
Q-1	A	Q-1		Q-1	A	Q-1	В	Q-1	A
Q-2	C	Q-2		Q-2	A	Q-2	A	Q-2	В
Q-3	В	Q-3		Q-3	A	Q-3	В	Q-3	C
Q-4	C	Q-4	- 1	Q-4	В	Q-4	C	Q-4	C
Q-5	В	Q-5		Q-5	C	Q-5	C	Q-5	A
Q-6	A	Q-6		Q-6	C	Q-6	C	Q-6	C
Q-7	A					Q-7	A		
Q-8	A					H.	790		
0-94									

## 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		Educa	tion	Recreation		Aesthetic Quality	
Q	A	Q	A	Q	A	Q	A
Q-1	A	Q-1	В	Q-1	В	Q-1	A
Q-2	A	Q-2	A	Q-2	C	Q-2	В
Q-3	A	Q-3	В	Q-3	C	Q-3	A
Q-4	В	Q-4	В	Q-4	В	Q-4	A
Q-5B	В	Q-5	В	Q-5	В	Q-5	A
Q-6	В	Q-6	В	Q-6	В	Q-6	A

results.	
<b>Enhancement Potential</b>	Wetland has high enhancement potential
Education	Wetland has potential for educational use
Recreation	Wetland has the potential to provide recreational activities
Aesthetic Quality	Wetland is considered to be pleasing



Project:	Molalla LWI	Wetland:	BC-24B					
Location:	Clackamas County	Approx. Area (acres):	1.08					
Date:	5/24/01	Wetland Types(s):	PEM					
Result:	Wetland provides habit	at for some wildlife species	组织高体验 医水杨					
	More than one Cowardin class	No adjacent Water Quality limited streams						
Rationale:	Herbaceous vegetation, no ponding	Adjacent land is primar	rily open space					
著號的位為	Less than 0.5 acres of open water	Wetland buffer is between	en 10% and 40%					
Result:	Fish habitat was not a	assessed for this wetland						
Rationale:								
Result:	Wetland's water-quality function is intact							
<b>建筑的发展。这样</b>	Primary water source is surface flow	Surface water connection	to other wetlands					
Rationale:	Wetland floods/ponds in growing season	Adjacent land is primarily open space						
	High wetland vegetation cover	No adjacent Water Quality						
Result:		trol is impacted or degraded	2000年基本共產黨發展					
	Wetland is not within 100 year floodplain	Herbaceous vegetation	n, no ponding					
Rationale:	Wetland floods/ponds in growing season	Open space downslope						
	Water has unrestricted flow out of wetland	Development upslop						
Result:	Wetland is potentially sensitive to future impacts							
	Stream modified or isolated wetland	Adjacent land is primar	rily open space					
Rationale:	Water not taken out	Adjacent zoning is primar						
<b>国的联系</b>	No adjacent Water Quality Limited streams	Herbaceous vegetation						
Result:	Wetland has high e	nhancement potential						
	Wetland functions are impacted or degraded	Wetland is between 0.	5 and 5 acres					
Rationale:	Primary water source is surface flow	Wetland buffer is betwee	n 10% and 40%					
	Flow into wetland is not restricted	Potentially sensitive to	future impacts					
Result:	Wetland has potenti	ial for educational use	<b>在1000年间</b>					
Self-Wholes	Wetland access by landowner permission	Unmaintained public acces	ss within 250 feet					
Rationale:	No visible hazards to public	Wetland is not limited mo						
	Other habitats can be observed not accessed							
Result:	Wetland has the potential to	provide recreational activiti	es					
	Unmaintained public access within 250 feet	Wetland provides habitat	for some wildlife					
Rationale:	No boat launching can be developed	No fishing is allowed						
	No trails or viewing areas exist	No hunting is a	llowed					
Result:	Wetland is consid	ered to be pleasing	2. 为你。由此是16%					
	More than two Cowardin classes are visible	Wetland surrounded by	natural areas					
Rationale:	25 - 50% of wetland can be seen	Natural odors presen	t at wetland					
	No visual detractors are present	Some traffic and natural n						

(Revised Edition, April 1996)

# **Wetland Assessment Summary Sheet**



Pacific Habitat Services, Inc.

Project Name:	Molalla L'	WI Wetland:	BC-25		
<b>Project Location:</b>	Clackamas County	Wetland Type(s):	PEM		
Date(s) of field work:	OFF-SITE Approx. Area (acres):		0.03		
Onsite Assessment?:	No	Investigator(s):	SE/PF		
Wetland Location:	West of railroad tracks, south of Heintz Street				

### **Function and Condition Assessment Answers:**

Wildlife Habitat		Fish Habitat		Water Quality		Hydrologic Control		Sensitivity to Impact	
Q	A	Q	Α	Q	A	Q	A	trii Q	A
Q-1	C	Q-1		Q-1	C	Q-1	В	Q-1	A
Q-2	C	Q-2	Mile h	Q-2	В	Q-2	В	Q-2	В
Q-3	C	Q-3	- (6)-	Q-3	C	Q-3	C	Q-3	C
Q-4	C	Q-4		Q-4	$\mathbf{C}$	Q-4	$\mathbf{C}$	Q-4	A
Q-5	В	Q-5	7. 7	Q-5	A	Q-5	C	Q-5	A
Q-6	В	Q-6	-10/-10-	Q-6	C	Q-6	A	Q-6	- (
Q-7	A	TERM O				Q-7	A	1 1111	
Q-8	C				2	716			
Q-9A									

## 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		Recreation		etic ity	
Q	A	Q	A	Q	Α	$\mathbf{Q}$	$\mathbf{A}$
Q-1	В	Q-1	C	Q-1	C	Q-1	С
Q-2	В	Q-2	В	Q-2	C	Q-2	A
Q-3	Agree 1	Q-3	В	Q-3	C	Q-3	B
Q-4	C	Q-4	C	Q-4	В	Q-4	В
Q-5B	$\epsilon$	Q-5	C	Q-5	В	Q-5	A
Q-6	В	Q-6	В	Q-6	В	Q-6	A

<b>Enhancement Potential</b>	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



Project:	Molalla LWI	Wetland:	BC-25				
Location:	Clackamas County	Approx. Area (acres):	0.03				
Date:	OFF-SITE	Wetland Types(s):	PEM				
Result:	Wetland provides habit	at for some wildlife species	<b>建</b> 機器 (數字) 数据				
	One Class with less than 5 species	No adjacent Water Quality limited stream					
Rationale:	Herbaceous vegetation, no ponding	Adjacent land is mostly developed					
	Less than 0.5 acres of open water	Wetland buffer is les	ss than 10%				
Result:	Fish habitat was not a	assessed for this wetland					
Rationale:	and the second second second	Terry / Year Tay of	domination of				
Star Star			TERRET OF STREET				
Result:		unction is lost or not present	种性的原则性系统				
	Primary water source is groundwater	Isolated from other	The state of the s				
Rationale:	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						
	Wetland is not within 100 year floodplain	Herbaceous vegetation	ı, no ponding				
Rationale:	Can't determine if wetland floods or ponds	Development downslo	pe of wetland				
	Water has unrestricted flow out of wetland Development upslope of wetland						
Result:	Wetland is potentially s	sensitive to future impacts	Martinus, Association				
	Stream modified or isolated wetland	Adjacent land is most	ly developed				
Rationale:	Water not taken out	Adjacent zoning is primar	ily development				
	No adjacent Water Quality Limited streams	Herbaceous vegetation	, no ponding				
Result:	Wetland has little e	nhancement potential					
	One or more functions lost/not present	Wetland is less than	0.5 acres				
Rationale:	Primary water source is groundwater	Wetland buffer is les	s than 10%				
	Water flow is permanently restricted	Potentially sensitive to	future impacts				
Result:	Wetland site is not appro	opriate for educational use	<b>州村通过</b> 到中国主義				
	No access allowed to wetland	No access point to we	etland exists				
Rationale:	1 or 2 visible safety hazards	Wetland is not limited mo					
	No access or observation of other habitats						
Result:	Wetland is not appropriate or d	oes not provide rec. opportui	nities				
	No access point to wetland exists	Wetland provides habitat f	or some wildlife				
Rationale:	No boat launching can be developed	No fishing is allowed					
	No trails or viewing areas exist	No hunting is al	lowed				
Result:	Wetland is consid	lered to be pleasing	<b>经</b> 可以提出的。				
	One Cowardin class is visible	Wetland surrounded by la	indscaped areas				
Rationale:	>50% of wetland can be seen	Natural odors present	at wetland				
	Visual detractors present, can be removed	Some traffic and natural ne					